ISO TOOL™

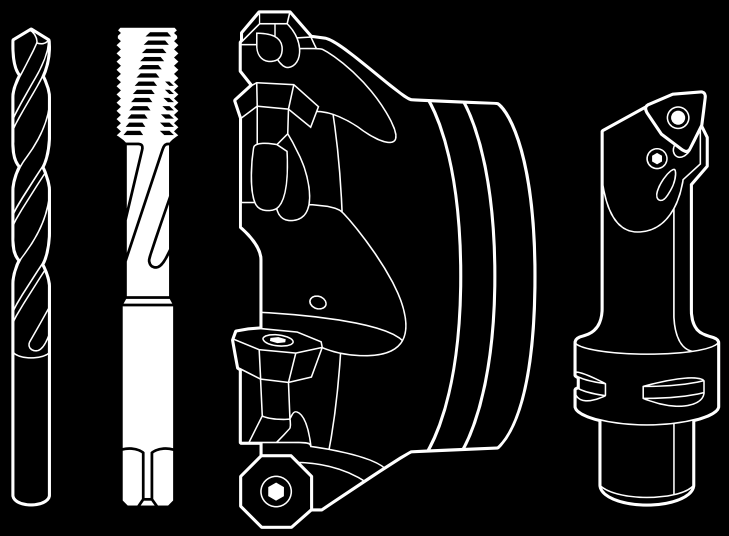
WALTER
Engineering Kompetenz

Tools for tapping, thread forming and thread milling

General Catalogue C
Edition 2025

_ METAL IS OUR WORLD

Tools for Threading



How to find and order your tool solution:

Personal – worldwide
You can contact us by phone, fax or e-mail. The contact details for your local contact can be found on our website at: **walter-tools.com**

The Walter Hybrid catalogues and brochures
show the entire standard range under the Walter, Walter Titex, Walter Prototyp and Walter Multiply competence brands – in print or in digital format – with product range overviews, product data, cutting data recommendations and much more. Including links to our machining navigator, Walter GPS, or the Walter TOOLSHOP with the chance to order directly.

At walter-tools.com, you can access and order your Walter products quickly and conveniently online – via smartphone, tablet or PC.
The benefit for you: Direct access from any device, displayed in an optimised form, at any time.

Walter online catalogue



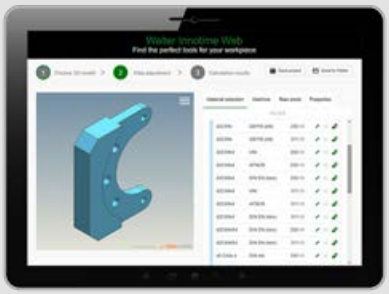
Tool-specific search
You can find products in the Walter online catalogue using the familiar structure of our product catalogue as well as filter and search functions. Other features:
A shopping function and links to drawings and models.

Walter GPS



Application-based search
With Walter GPS, it takes just a few steps to find the optimum machining solution for your component, online and offline – and the solution can be transferred directly to the Walter TOOLSHOP if required.

Walter Innotime®



Component-based search
With Walter Innotime®, you can find the most cost-effective machining solution for your component, including all the tools, machining steps and machining parameters required for this. Simply by uploading your 3D model.

Digital ordering methods

TOOLSHOP EDI B2B

Walter TOOLSHOP & EDI
The Walter TOOLSHOP offers customers opportunities to find information and place orders quickly.
EDI (electronic data interchange) also makes it possible to exchange documents (e.g. orders) – even special tools can be ordered.

C - Threading

C1 - Tapping

HSS-E (-PM) taps	Program	Order pages
HSS-E (-PM) taps	12	
M – Metric thread		24
MF – Metric fine-pitch thread		118
UNC / UNF / UNEF / UN-8 / UNS		160
MJ/UNJC/UNJF		232
G/Rc/Rp		242
NPT/NPTF		264
Pg/BSW/Tr		272
Thread insert		278

Solid carbide taps	Program	Order pages
Solid carbide taps	314	
M – Metric thread		317
MF – Metric fine-pitch thread		329
UNC, UNF		335

C2 - Thread forming

HSS-E (-PM) and solid carbide thread formers	Program	Order pages
HSS-E (-PM) and solid carbide thread formers	338	
M – Metric thread		342
MF – Metric fine-pitch thread		381
UNC, UNF		393
G		395

C3 - Thread milling

Thread milling cutters without countersink	Program	Order pages
Thread milling cutters without countersink	398	400

Thread milling cutters with countersink	Program	Order pages
Thread milling cutters with countersink	401	402

Thread milling	Program	Order pages
Drill/thread mills	408	409

Orbital thread milling cutters	Program	Order pages
Solid carbide orbital thread milling cutters	420	421

Thread milling cutters with indexable inserts	Program	Order pages
Thread milling cutters with indexable inserts	444	445

C4 - Threading dies

Threading dies	Order pages
Threading dies	465

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Technologies at Walter

Accure·tec®

The patented Walter Accure·tec® technology ensures maximum vibration damping on boring bars for turning and adaptors for milling. Ideal for turning, milling and drilling operations involving extended tool applications.

Drivox·tec™

Drivox·tec™ drilling tools made of solid carbide or HSS are characterized by high performance, quality, and process reliability. They combine many decades of technological developments at Walter and represent the latest evolution in holemaking. Both in terms of macro and micro geometries, such as flute profiles and edge preparation, and in terms of manufacturing and coating technologies.

Drion·tec®

Drion·tec® is the name for Walter's drilling and reaming tool solutions with a replaceable cutting edge – both with indexable inserts and exchangeable inserts. Drion·tec® drills are set apart by their cost-efficiency, high precision and versatility. Thanks to a wide product range, they are suitable for specialised mass production as well as for specific applications and mixed-mode manufacturing.

Groov·tec™

Groov·tec™ is the latest generation of Walter high-performance cutting tools.
These are characterised by maximum stability, which enables high process parameters (feeds/speeds/depth of cut) and leads to maximum toolholder and indexable insert service life. At the same time, the systems maximise process reliability by means of controlled chip breaking.

Krato·tec®

Krato·tec® is a unique Walter coating technology for solid carbide tools. The core of this consists of an extraordinarily fracture-resistant AlTiN multi-layer coating with a textured top layer.
The special layer architecture is highly wear- and adhesion-resistant, even at high cutting speeds, and ensures the tools have universal application.

Tiger·tec®Gold

Tiger·tec® Gold, the new Walter generation platform for unique indexable insert coatings, enables maximum tool life and process reliability. The new grades are based on PVD, CVD or ULP technology, depending on the application. Unique coating properties, protected by multiple patents, guarantee the best protection against tool life-limiting types of wear and ensure outstanding performance.

Tiger·tec®Silver

With Tiger·tec® Silver, Walter is offering a world first in coating technology for indexable inserts.
The special aluminium oxide layer with optimised microstructure reduces wear during turning, milling and drilling operations, and increases toughness and temperature resistance for significantly higher cutting data.

Thread·tec™

Thread·tec™ refers to Walter threading tools with high performance and process reliability. Combining the most recent technical developments and proven properties in tool geometries and coatings, Thread·tec™ is a comprehensive product range featuring a variety of lengths and dimensions. This makes the assortment suitable for any application – whether for thread milling, forming, or tapping.

Thrill·tec®

Thrill·tec® circular drill/thread mills combine three functions in one tool and operation: Chamfering, drilling core holes and producing threads. The tools boast a special combination of substrate, coating and geometry, resulting in long tool life. Bringing together multiple machining steps makes incredibly short machining times possible and reduces the number of tools used and machine slots required.

Walter BLAXX

Walter BLAXX is the benchmark for a new generation of milling cutters: The milling bodies are extremely robust thanks to their special surface treatment. The milling systems, which are mainly positioned tangentially, are equipped with Tiger·tec® indexable inserts. Tools with the "Walter BLAXX" designation combine high wear resistance with unbeatable performance data.

Walter Xpress

Walter Xpress is the rapid ordering and delivery service offered by Walter Multiply for high-quality special tools. It is available for around 10,000 tool varieties, with a maximum delivery time of two to four weeks from the order date. The ordering process is clearly structured and guarantees absolute planning security. Quotations for all enquiries are calculated and provided within 24 hours.

Walter Precision XT

Precision boring tools are always used to finish an existing bore or to improve the precision of existing bores, for instance by correcting their position, narrowing the hole tolerance, or enhancing the surface quality. Precision boring is typically performed using a depth of cut < 0.5 mm (0.02 inches).

Walter Boring XT

Tools for rough boring are used to expand existing bores. Material removal is a key element of this process. The bore to be enlarged is machined in advance or created using casting or forging processes. The rough boring tools themselves can also be used for radial offsetting and multi-edge boring.

XD Technology

Walter Titex solid carbide drilling and reaming tools stand for precision, high performance and cost-efficiency when drilling in practically any material. Walter Titex XD Technology offers the greatest precision and cost-efficiency in deep-hole drilling operations up to 70 × Dc without pecking.

Xill·tec®

With Xill·tec®, the solid carbide milling cutters from the MC230 Advance product range, Walter offers a uniquely wide range, with different dimensions, numbers of teeth and shank versions. This means that users are well-equipped for all conceivable milling operations and ISO materials. Universal use – with excellent quality.

Xtra·tec®

Xtra·tec® indexable insert milling cutters and drills guarantee extremely soft cutting action and optimal surface quality on almost all materials. Indexable inserts with highly positive geometries and the Tiger·tec® coating have a particularly beneficial hardness/toughness ratio. For maximum productivity and process reliability.

Xtra·tec®XT

Xtra·tec® XT is the latest generation of Walter milling tools. As the "Xtended" Xtra·tec® technology, it offers a completely new perspective on productivity and process reliability. It can cover nearly all milling operations in every common material group: More reliable, productive, cost-efficient than ever before – all while compensating for the CO_2 emissions through Walter Green.

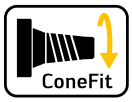
X·treme Evo

For Walter, the X·treme Evo DC260 & DC160 Advance solid carbide drills as well as the X·treme Evo Plus DC180 Supreme and X·treme Evo 3 DC183 Supreme are the embodiment of the "next generation of drilling", offering versatility for a wide range of materials and machine concepts – with outstanding tool life, productivity and process reliability.

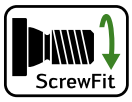
Technologies at Walter (continued)



Walter Capto™ is a modular tool adaptor system. It is suitable for all turning, milling, drilling and threading processes. Its ISO-standardised polygon taper absorbs torsional moments and bending moments extremely well and ensures optimal repeat accuracy.



Walter ConeFit is an extremely flexible solid carbide milling system with a wide range of high-performance exchangeable heads and shaft variants. Its conical thread can self-centre, thereby guaranteeing maximum stability and concentricity.



Walter ScrewFit users benefit from maximum flexibility. Its modular interface is suitable for a wide variety of boring bars and adaptors and a wide range of tool diameters and lengths for milling and drilling.



The precision-ground QuadFit interface with taper and support face characterises the precision of the vibration-damped boring bars for turning and thread turning with Walter Accure·tec® technology. The exchangeable head system, which can be rotated by 180°, makes it possible to rapidly replace tools with high indexing accuracy.



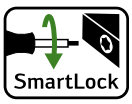
In turning and grooving operations, the Walter precision cooling system provides cooling at the centre of the chip formation. Its dual coolant jets are directed precisely onto the flank and rake faces. In drilling operations, the coolant jets exit close to the cutting edge. This system provides significantly increased tool life, improved chip breaking and chip removal, greater efficiency and higher quality.



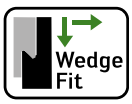
Walter DeVibe is an anti-vibration technology for thread milling cutters. At its core, it consists of a »calming chamfer« that reduces the clearance angle on the flank face. This supports the tool; vibrations are minimised. DeVibe enables higher surface qualities and cutting data, particularly for metric fine threads – regardless of clamping conditions, changing cutting data or the milling strategy.



"Flash" refers to specialised solid carbide milling cutters for high-feed milling. Their end-face geometry reduces the chip thickness "h" and therefore enables an extremely high feed per tooth. Forces that occur are diverted axially towards the centre of the tool, which helps to stabilise the machining process.



On Walter turning toolholders with "SmartLock", the clamping screw can be operated from the side of the tool. This makes it possible to index the inserts in the machine quickly and easily. Tool change times are reduced as a result. Ideal for use on CNC lathe and multi-spindle machines.



WedgeFit is an interface for grooving and turning applications. Its double wedge enables the cutting forces to be absorbed not only by the clamping screw, but also by the two wedges. In addition to simple, fast handling, this ensures exceptionally high stability and rigidity. Over 1,000 possible combinations of module and support tool maximise the flexibility of the System.



How to use Walter GPS



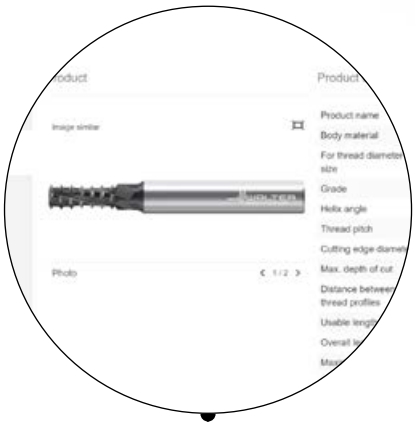
As the market's leading software solution for finding tools and calculating cutting data, Walter GPS offers you many functions that will help you in your day-to-day work: For production on the machine, as good starting values for programming, for process and component planning and much more – the journey from component to production couldn't be quicker. The reason?

With the GPS cutting data, you can start production immediately!

A SEARCH PRODUCT-RELATED

Would you like to use a specific tool or an existing tool? Do you know the application and material, but don't know what cutting data you should work with? Or do you want to know whether your tool can do this?

Walter GPS gives you the answer in just a few clicks: In the form of cutting data, data models and much more.



Enter specific **tool**

B SEARCH APPLICATION-RELATED

Do you know your application and your material, but don't know which tool solution is best for it?

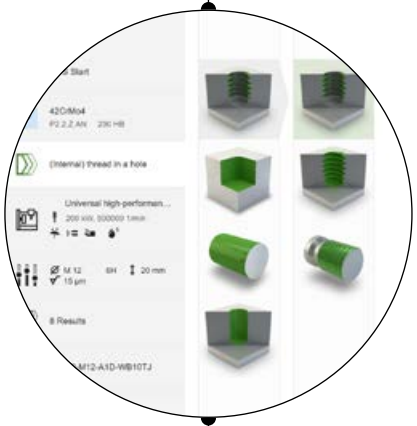
Walter GPS suggests one or more solutions – and you choose the best one for you. And that's not all – this also works for indexable insert tools; Walter GPS even puts together different combinations of body and inserts for these!

Select **material** and …



Select **material** and …

… **application**



… **application**

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HOW WALTER GPS BENEFITS YOU

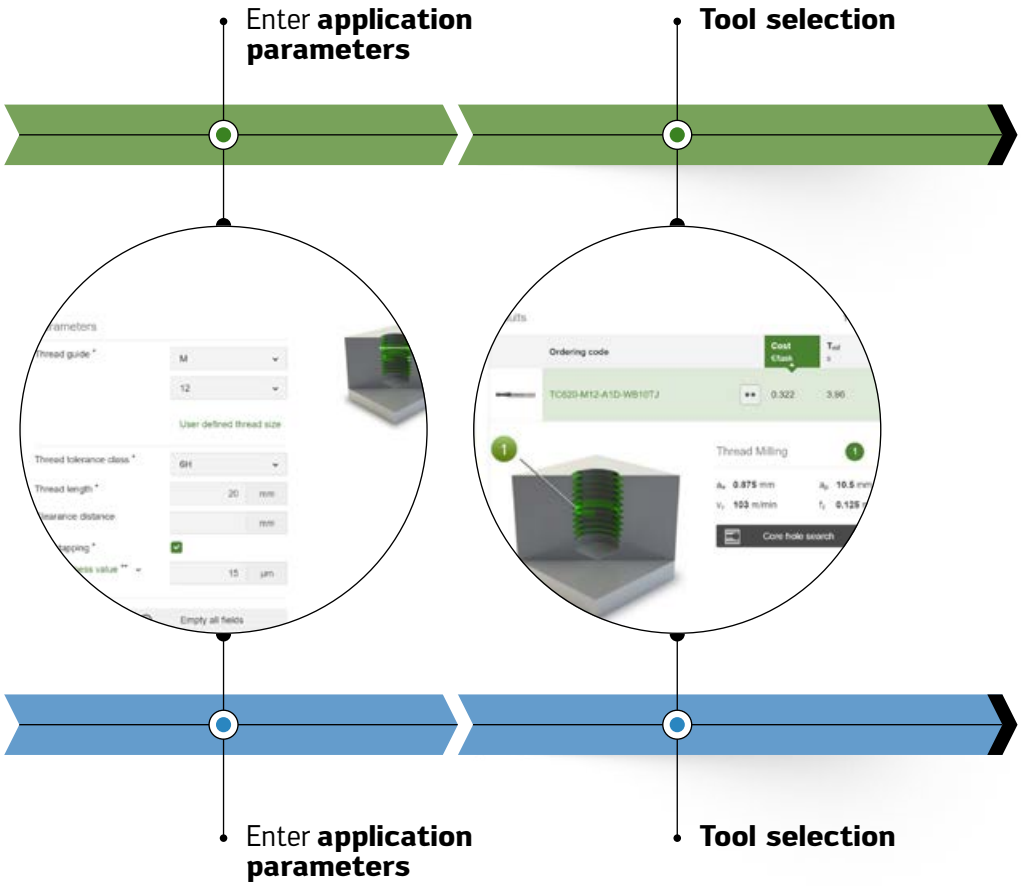
- **Find the right tool solution for your machining task –** quickly and based on your machining objective (e.g. maximum cost-efficiency).
- **Get reliable cutting data for your tool –** calculated according to your specifications: For your tool, your application and your material.
- **Ideal for calculating profitability –** this allows you to determine the estimated costs in the shortest possible time.
- **Benefit from helpful additional information –** e.g. in the form of 2D and 3D models which you can use directly for your machine programming.
- **CO_2 values for your application –** divided according to machining operation and machine basic load.

Launch Walter GPS now

Your navigation system for the best machining solution

www.walter-tools.com/gps

RESULT



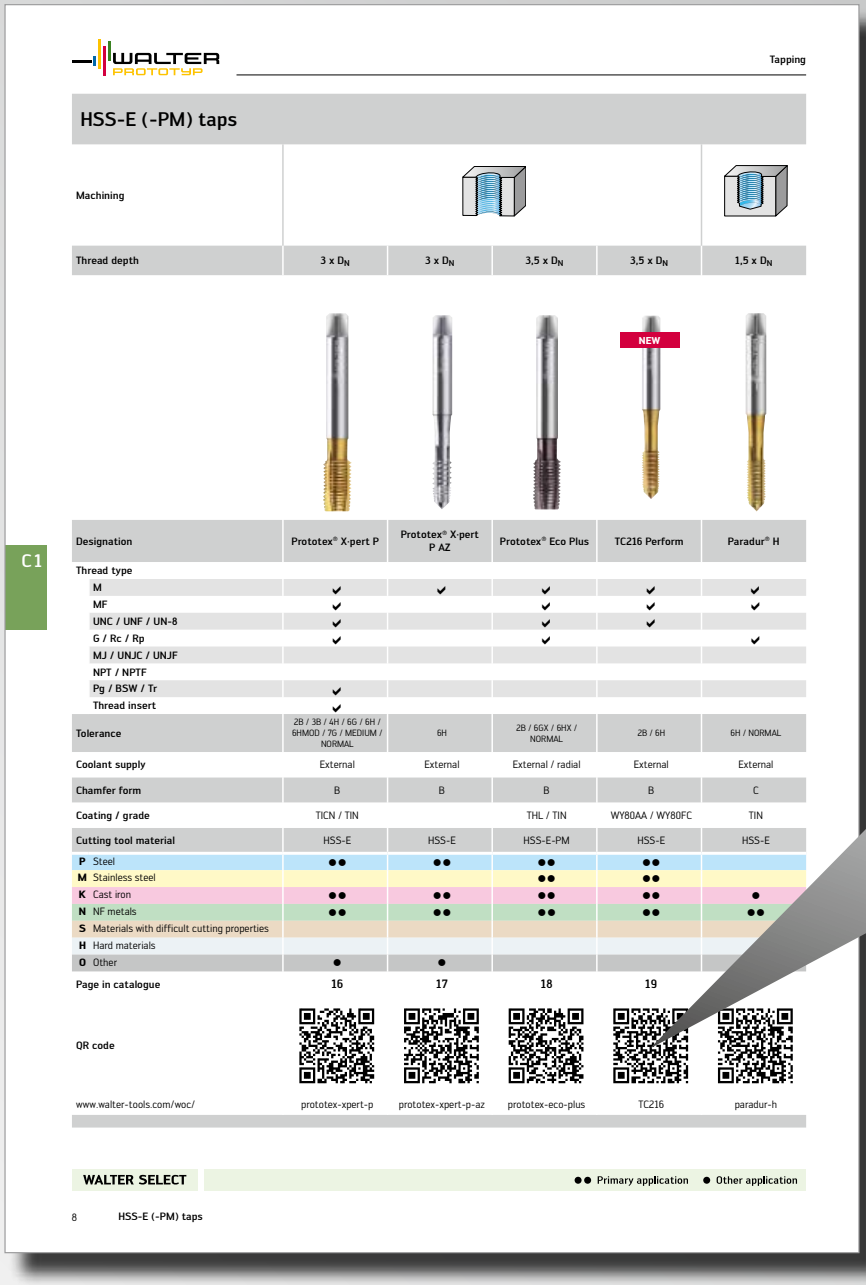
Walter offers you one or more possible tool solutions to choose from. In the default settings, the most cost-efficient solution is displayed. If you have a different priority (e.g. the most productive solution, the best surface quality, etc.), you can define it in advance and the tool selection will be adapted accordingly!

Walter offers you the ideal cutting data for your tool, your application and your material! So precise that you can use it immediately for your application or programming! And, of course, you can find out whether your tool is suitable for the application. If it isn't, use the "Application-related search" to immediately find a suitable alternative – in no time at all and with the option to order it directly!

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The structure of the new Walter General Catalogue

The new Walter General Catalogue presents information about products and applications in a comprehensive and clear manner as an e-document – including direct links to the Walter online catalogue.



WALTER PROTOTYP

Tapping

HSS-E (-PM) taps

C1

Machining					
Thread depth	3 x D_N	3 x D_N	3,5 x D_N	3,5 x D_N	1,5 x D_N
Designation	Prototex® X-pert P	Prototex® X-pert P AZ	Prototex® Eco Plus	TC216 Perform	Paradur® H
Thread type					
M	✔	✔	✔	✔	✔
MF	✔		✔	✔	✔
UNC / UNF / UN-8	✔		✔	✔	
G / Rc / Rp	✔		✔		✔
MJ / UNJC / UNJF					
NPT / NPTF					
Pg / BSW / Tr	✔				
Thread insert	✔				
Tolerance	2B / 3B / 4H / 6G / 6H / 6HM0D / 7G / MEDIUM / NORMAL	6H	2B / 6GX / 6HX / NORMAL	2B / 6H	6H / NORMAL
Coolant supply	External	External	External / radial	External	External
Chamfer form	B	B	B	B	C
Coating / grade	TICN / TIN		THL / TIN	WY80AA / WY80FC	TIN
Cutting tool material	HSS-E	HSS-E	HSS-E-PM	HSS-E	HSS-E
P Steel	●●	●●	●●	●●	
M Stainless steel			●●	●●	
K Cast iron	●●	●●	●●	●●	●
N NF metals	●●	●●	●●	●●	●●
S Materials with difficult cutting properties					
H Hard materials					
O Other	●	●			
Page in catalogue	16	17	18	19	
QR code					
www.walter-tools.com/woc/	prototex-xpert-p	prototex-xpert-p-az	prototex-eco-plus	TC216	paradur-h

WALTER SELECT ●● Primary application ● Other application

8 HSS-E (-PM) taps

Product range overviews with applications, materials and QR codes at a glance

The product range overviews include icons indicating applications, images of the products, and the range of materials for which the products can be used; if relevant, they also include shank versions, clamping systems and other important information. This means that you can immediately see which product you need – and go directly to more detailed information about it by scanning the corresponding QR code or typing the link provided into your browser.

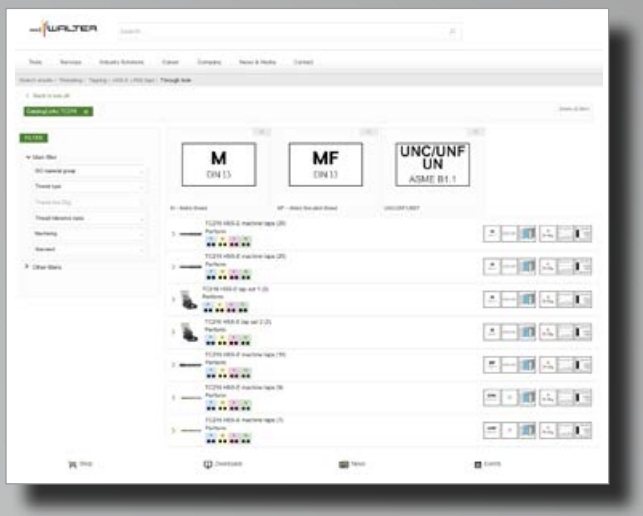
NEW Tools with this icon are product innovations and are displayed in this way in the product range overviews.

Indexable inserts and tools with these red icons are new to the range and are labelled in this way on the ordering page.

Scan the QR code

to go directly to the sub-page for the corresponding product in the Walter online catalogue. The brief overview contains an image of the tool or product, icons representing applications and other information, and the main and secondary applications in the ISO materials sector.

TC216



Direct link

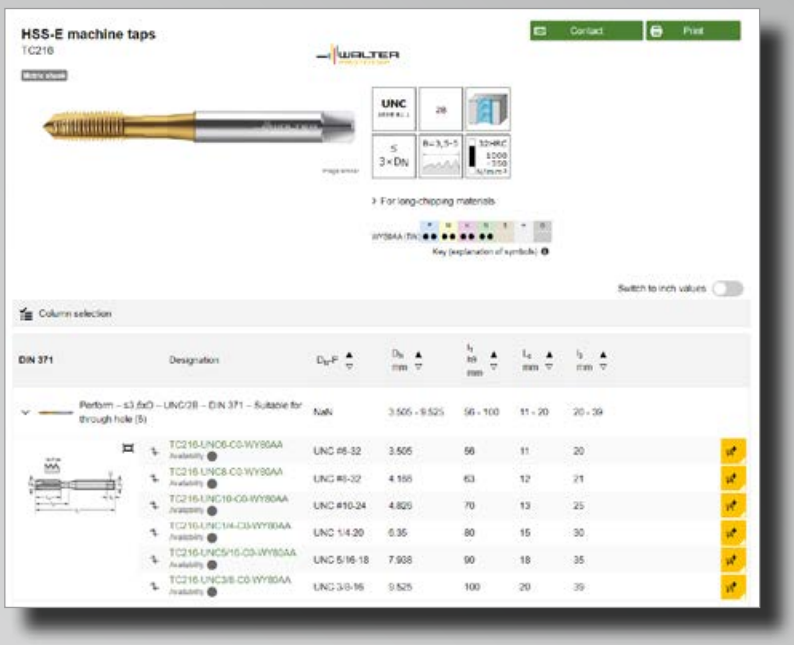
As well as scanning the QR code, you can also type the link directly into your browser:

*www.walter-tools.com/woc/**TC216.***

In the e-document, you can of course click on the link itself.

Detailed overview of product data

Depending on the product, the information available here or on the following product details page will include dimensions, corresponding indexable inserts, adaptors, and accessories, as well as direct links to additional information such as cutting data recommendations via Walter GPS or technical information like assembly instructions, limit speeds and much more.



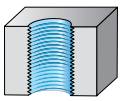
HSS-E (-PM) taps

Machining					
Thread depth	1 x D_N	1 x D_N	1 x D_N	2 x D_N	2 x D_N
					
Designation	AMB	MMB	Prototex® OS	Prototex® TiNi	Prototex® TiNi Plus
Thread type					
M	✔	✔	✔	✔	✔
MF				✔	✔
UNC / UNF / UN-8				✔	
G / Rc / Rp					
MJ / UNJC / UNJF					✔
NPT / NPTF					
Pg / BSW / Tr					
Indexable inserts basic shape				✔	
Tolerance	7G	6H	6H	2B / 3B / 4H / 4HX / 6HX	3B / 4H / 6HX
Coolant supply	External	External	External	External	External
Chamfer form	18 P		B	B	B
Coating / grade	TIN	uncoated	uncoated	TICN / uncoated	ACN
Cutting tool material	HSS-E	HSS-E	HSS-E	HSS-E-PM	HSS-E-PM
P Steel	●●	●●	●●	●●	
M Stainless steel				●●	
K Cast iron					
N NF metals			●	●	
S Materials with difficult cutting properties				●●	●●
H Hard materials					
O Other					
Page in catalogue	**58**	**57**	**44**	**47**	**49**
QR code					
www.walter-tools.com/woc/	amb	mmb	prototex-os	prototex-tini	prototex-tini-plus

WALTER SELECT ●● Primary application ● Other application

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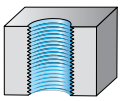
HSS-E (-PM) taps

Machining					
Thread depth	2 x D_N	3 x D_N	3 x D_N	3 x D_N	3 x D_N
					
Designation	TMB	KMB H	Paradur® N	Prototex® Megasprint	Prototex® Sprint
Thread type					
M		✔	✔	✔	✔
MF					✔
UNC / UNF / UN-8					
G / Rc / Rp					
MJ / UNJC / UNJF					
NPT / NPTF					
Pg / BSW / Tr	✔	✔			
Indexable inserts basic shape					
Tolerance	7H	6H / NORMAL	6H	6H	6H
Coolant supply	External	External	External	radial	External
Chamfer form	24 P	B	D	B	B
Coating / grade	uncoated	uncoated	uncoated	TIN	TICN / TIN
Cutting tool material	HSS-E	HSS-E	HSS-E	HSS-E-PM	HSS-E-PM
P Steel	●●	●●	●●	●	●
M Stainless steel				●	●
K Cast iron	●●	●●	●●		
N NF metals	●●	●●	●●	●	●
S Materials with difficult cutting properties					
H Hard materials					
O Other	●	●			
Page in catalogue	**276**	**56**	**45**	**51**	**50**
QR code					
www.walter-tools.com/woc/	tmb	kmb-h	paradur-n	prototex-megasprint	prototex-sprint

WALTER SELECT ●● Primary application ● Other application

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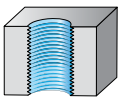
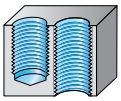
HSS-E (-PM) taps

Machining					
Thread depth	3 x D_N	3 x D_N	3 x D_N	3 x D_N	3 x D_N
					NEW
					
Designation	Prototex® Synchrospeed	Prototex® X-pert M	Prototex® X-pert N	Prototex® X-pert P	Thread-tec™ Omni
Thread type					
M	✔		✔		✔
MF	✔			✔	✔
UNC / UNF / UN-8		✔		✔	✔
G / Rc / Rp		✔		✔	✔
MJ / UNJC / UNJF					
NPT / NPTF					
Pg / BSW / Tr				✔	✔
Indexable inserts basic shape		✔		✔	✔
Tolerance	6HX	2B / 3B / 6HMOD / NORMAL	6H	2B / 3B / 6H / 6HMOD / MEDIUM / NORMAL	2B / 2B/3B / 3B / 4HX / 5HX / 6G / 6GX / 6H / 6HMOD / 6HX / 7GX / H11 / H7 / MEDIUM / NORMAL
Coolant supply	External	External	External	External	External
Chamfer form	B	B	B	B	B
Coating / grade	THL / TIN	TIN / VAP	uncoated	TIN / uncoated	WY80AA / WY80FC / WY80RG
Cutting tool material	HSS-E	HSS-E	HSS-E	HSS-E	HSS-E
P Steel	●●	●		●●	●●
M Stainless steel	●●	●●			●●
K Cast iron	●●				●●
N NF metals	●●		●●	●	●●
S Materials with difficult cutting properties	●●		●		
H Hard materials					
O Other	●●		●	●	
Page in catalogue	43	171	46	127	28
QR code					
www.walter-tools.com/woc/	prototex-synchrospeed	prototex-xpert-m	prototex-xpert-n	prototex-xpert-p	TD217

WALTER SELECT ●● Primary application ● Other application

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HSS-E (-PM) taps

Machining					
Thread depth	3,5 x D_N	3,5 x D_N	1,5 x D_N	2 x D_N	2 x D_N
					
Designation	Prototex® Eco Plus	TC216 Perform	Paradur® H	HGB	HGB Inox
Thread type					
M	✔	✔	✔	✔	✔
MF	✔	✔	✔		
UNC / UNF / UN-8	✔	✔			
G / Rc / Rp	✔		✔		
MJ / UNJC / UNJF					
NPT / NPTF					
Pg / BSW / Tr					
Indexable inserts basic shape					
Tolerance	2B / 6GX / 6HX / NORMAL	2B / 6H	6H / NORMAL	6H	6HX
Coolant supply	External / radial	External	External	External	External
Chamfer form	B	B	C	C	C
Coating / grade	THL / TIN	WY80AA	TIN / uncoated	uncoated	VAP
Cutting tool material	HSS-E-PM	HSS-E	HSS-E	HSS	HSS-E
P Steel	●●	●●		●	●
M Stainless steel	●●	●●			●
K Cast iron	●●	●●	●	●	
N NF metals	●●	●●	●●	●	
S Materials with difficult cutting properties					
H Hard materials					
O Other			●		
Page in catalogue	**24**	**40**	**77**	**52**	**53**
QR code					
www.walter-tools.com/woc/	prototex-eco-plus	TC216	paradur-h	hgb	hgb-inox

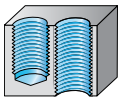
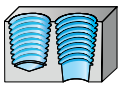
C1

WALTER SELECT

●● Primary application ● Other application

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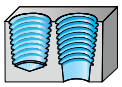
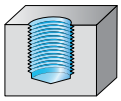
HSS-E (-PM) taps

Machining					
Thread depth	2 x D_N	3 x D_N	3 x D_N	3 x D_N	
					
Designation	HGB Ti	KMB Ms	Paradur® Eco CI	Paradur® X-pert K	Paradur Inox®
Thread type					
M	✔	✔	✔	✔	
MF			✔		
UNC / UNF / UN-8			✔		
G / Rc / Rp		✔	✔		
MJ / UNJC / UNJF					
NPT / NPTF					✔
Pg / BSW / Tr					
Indexable inserts basic shape					
Tolerance	6HX	6H / NORMAL	2B / 6HX / NORMAL	6HX	NORMAL
Coolant supply	External	External	External	External	External
Chamfer form	C	E / F	C / E	C	C
Coating / grade	NID	uncoated	NID / TICN	TAFT	THL / VAP
Cutting tool material	HSS-E	HSS-E	HSS-E-PM	HSS-E-PM	HSS-E
P Steel					●●
M Stainless steel					●●
K Cast iron			●●	●●	●
N NF metals		●●	●●	●	
S Materials with difficult cutting properties	●				
H Hard materials					
O Other		●	●●		
Page in catalogue	**54**	**55**	**100**	**106**	**266**
QR code					
www.walter-tools.com/woc/	hgb-ti	kmb-ms	paradur-eco-ci	paradur-xpert-k	paradur-inox

WALTER SELECT ●● Primary application ● Other application

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HSS-E (-PM) taps

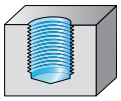
Machining					
					
Thread depth					1,5 x D_N
					
Designation	Paradur Inox® 40	Paradur® H	Paradur® N	Paradur® Ni	Paradur Inox® 25
Thread type					
M					✔
MF					✔
UNC / UNF / UN-8					
G / Rc / Rp		✔			✔
MJ / UNJC / UNJF					
NPT / NPTF	✔	✔	✔	✔	
Pg / BSW / Tr					
Indexable inserts basic shape					
Tolerance	NORMAL	NORMAL	NORMAL	NORMAL	6HX / NORMAL
Coolant supply	External	External	External	External	External
Chamfer form	C	C	C	C	E
Coating / grade	uncoated	uncoated	VAP	TICN / uncoated	TIN
Cutting tool material	HSS-E	HSS-E	HSS-E	HSS-E	HSS-E
P Steel	●●		●●	●	●●
M Stainless steel	●●				●●
K Cast iron	●	●	●●		
N NF metals	●	●●	●●		
S Materials with difficult cutting properties				●●	
H Hard materials					
O Other		●			
Page in catalogue	**267**	**262**	**265**	**268**	**99**
QR code					
www.walter-tools.com/woc/	paradur-inox-40	paradur-h	paradur-n	paradur-ni	paradur-inox-25

C1

WALTER SELECT ●● Primary application ● Other application

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HSS-E (-PM) taps

Machining					
					
Thread depth	1,5 x D_N	1,5 x D_N	1,5 x D_N	1,5 x D_N	2 x D_N
					
Designation	Paradur® N	Paradur® Ni	Paradur® Ni 10	TC122 Supreme	Paradur® Ti
Thread type					
M	✔	✔	✔	✔	✔
MF	✔		✔		✔
UNC / UNF / UN-8	✔	✔			✔
G / Rc / Rp	✔				
MJ / UNJC / UNJF			✔		✔
NPT / NPTF					
Pg / BSW / Tr					
Indexable inserts basic shape		✔			✔
Tolerance	2B / 3B / 6G / 6H / NORMAL	2B / 3B / 4H / 4HX / 6HX	3B / 4H / 6HX	6HX	2B / 3B / 4H / 6HX
Coolant supply	External	External	External	External	External
Chamfer form	C	C	C	C	C
Coating / grade	TICN / TIN / uncoated	TICN / uncoated	TIN / uncoated	WW60BC	TICN / uncoated
Cutting tool material	HSS-E	HSS-E-PM	HSS-E-PM	HSS-E-PM	HSS-E-PM
P Steel	●●	●●	●●	●●	●●
M Stainless steel					
K Cast iron	●●	●●		●	
N NF metals	●●	●	●		●
S Materials with difficult cutting properties		●●	●●		●●
H Hard materials					
O Other					
Page in catalogue	**80**	**111**	**113**	**87**	**114**
QR code					
www.walter-tools.com/woc/	paradur-n	paradur-ni	paradur-ni-10	TC122	paradur-ti

WALTER SELECT ●● Primary application ● Other application

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HSS-E (-PM) taps

Machining					
Thread depth	2 x D_N	2,5 x D_N	2,5 x D_N	2,5 x D_N	2,5 x D_N
					
Designation	Paradur® Ti Plus	Paradur® STE	Paradur® Synchrospeed	Paradur® X-pert M	TC121 Supreme
Thread type					
M	✔		✔		✔
MF	✔		✔		
UNC / UNF / UN-8				✔	
G / Rc / Rp		✔	✔	✔	
MJ / UNJC / UNJF	✔				
NPT / NPTF					
Pg / BSW / Tr					
Indexable inserts basic shape				✔	
Tolerance	3B / 4H / 6HX	NORMAL	6HX / NORMAL	2B / 3B / 6HMOD / NORMAL	6HX
Coolant supply	External	External	External / axial	External	External / axial
Chamfer form	C	E	C	C	C
Coating / grade	ACN	THL / uncoated	THL / TIN/VAP	TIN / VAP	WW60RG / WY80BD
Cutting tool material	HSS-E-PM	HSS-E	HSS-E	HSS-E	HSS-E-PM
P Steel		●	●●	●	●●
M Stainless steel		●	●●	●●	●
K Cast iron		●	●●		●
N NF metals		●	●		●
S Materials with difficult cutting properties	●●		●		
H Hard materials					
O Other			●		
Page in catalogue	115	255	75	187	85
QR code					
www.walter-tools.com/woc/	paradur-ti-plus	paradur-ste	paradur-synchrospeed	paradur-xpert-m	TC121

WALTER SELECT ●● Primary application ● Other application

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HSS-E (-PM) taps

Machining					
Thread depth	2,5 x D_N	2,5 x D_N	3 x D_N	3 x D_N	3 x D_N
		NEW			
					
Designation	TC122 Supreme	Thread·tec™ Omni	Paradur® Eco CI	Paradur® Eco Plus	Paradur® Uni
Thread type					
M	✔	✔	✔	✔	✔
MF		✔	✔	✔	✔
UNC / UNF / UN-8		✔		✔	
G / Rc / Rp		✔		✔	✔
MJ / UNJC / UNJF					
NPT / NPTF					
Pg / BSW / Tr					
Indexable inserts basic shape		✔			
Tolerance	6HX	2B / 2B/3B / 3B / 6GX / 6HMOD / 6HX / H11 / H7 / NORMAL	6HX	2B / 6GX / 6HX / NORMAL	6G / 6H / NORMAL
Coolant supply	axial	External	axial / radial	External / axial / radial	External
Chamfer form	C	C / E	C / E	C / E	C
Coating / grade	WW60BC	WY80AA / WY80FC / WY80RG	TICN	THL / TIN	TIN / VAP / uncoated
Cutting tool material	HSS-E-PM	HSS-E	HSS-E-PM	HSS-E-PM	HSS-E
P Steel	●●	●●		●●	●●
M Stainless steel		●●		●●	
K Cast iron	●	●●	●●	●●	●
N NF metals		●●	●●	●●	●
S Materials with difficult cutting properties					
H Hard materials					
O Other			●●		
Page in catalogue	**87**	**66**	**101**	**59**	**116**
QR code					
www.walter-tools.com/woc/	TC122	TD117	paradur-eco-ci	paradur-eco-plus	paradur-uni

WALTER SELECT ●● Primary application ● Other application

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HSS-E (-PM) taps

Machining					
Thread depth	3 x D_N	3 x D_N	3 x D_N	3 x D_N	3 x D_N
					
Designation	Paradur® WLM Synchrospeed	Paradur® X·pert N	Paradur® X·pert P	Paradur® X·pert P AZ	TC115 Perform
Thread type					
M	✔	✔	✔	✔	✔
MF		✔	✔		✔
UNC / UNF / UN-8		✔	✔		✔
G / Rc / Rp		✔	✔		
MJ / UNJC / UNJF					
NPT / NPTF					
Pg / BSW / Tr			✔		
Indexable inserts basic shape		✔	✔		
Tolerance	6H	2B / 3B / 6G / 6H / 6HMOD / NORMAL	2B / 3B / 4H / 6G / 6H / 6HMOD / 7G / MEDIUM / NORMAL	6H	2B / 6H
Coolant supply	External	External	External	External	External
Chamfer form	C	C	C	C	C / E
Coating / grade	CRN	uncoated	THL / TIN / uncoated	uncoated	WY80AA
Cutting tool material	HSS-E	HSS-E	HSS-E	HSS-E	HSS-E
P Steel	●		●●	●●	●●
M Stainless steel					●●
K Cast iron					●●
N NF metals	●●	●●	●	●	●
S Materials with difficult cutting properties	●●	●			
H Hard materials					
O Other	●●	●	●	●	
Page in catalogue	**110**	**107**	**89**	**94**	**71**
QR code					
www.walter-tools.com/woc/	paradur-wlm-synchrospeed	paradur-xpert-n	paradur-xpert-p	paradur-xpert-p-az	TC115

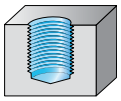
WALTER SELECT

●● Primary application ● Other application

C1

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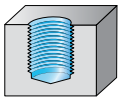
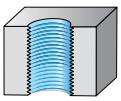
HSS-E (-PM) taps

Machining					
Thread depth	3 x D_N	3 x D_N	3,5 x D_N	3,5 x D_N	3,5 x D_N
					
Designation	TC120 Supreme	TC142 Supreme	Paradur® NH	Paradur® Short Chip HT	TC130 Supreme
Thread type					
M	✔	✔	✔	✔	✔
MF		✔		✔	✔
UNC / UNF / UN-8					✔
G / Rc / Rp		✔			
MJ / UNJC / UNJF					
NPT / NPTF					
Pg / BSW / Tr					
Indexable inserts basic shape					
Tolerance	6HX	6HX / NORMAL	6H	6HX	2B / 6HX
Coolant supply	External / axial	External	axial	axial	axial
Chamfer form	C	C	C	C	C
Coating / grade	WW60AG	WW60RB / WY80FC	TIN / uncoated	THL	WY80AA / WY80EH
Cutting tool material	HSS-E-PM	HSS-E / HSS-E-PM	HSS-E	HSS-E	HSS-E
P Steel	●●	●	●●	●●	●●
M Stainless steel		●●			
K Cast iron			●●	●	●●
N NF metals	●		●	●	●
S Materials with difficult cutting properties					
H Hard materials					
O Other			●		●
Page in catalogue	**83**	**98**	**82**	**97**	**78**
QR code					
www.walter-tools.com/woc/	TC120	TC142	paradur-nh	paradur-short-chip-ht	TC130

WALTER SELECT ●● Primary application ● Other application

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HSS-E (-PM) taps

Machining		
Thread depth	3 x D_N	3 x D_N





Designation	TC115 Perform	TC216 Perform
Thread type		
M	✔	✔
MF		
UNC / UNF / UN-8		
G / Rc / Rp		
MJ / UNJC / UNJF		
NPT / NPTF		
Pg / BSW / Tr		
Indexable inserts basic shape		
Tolerance	6H	6H
Coolant supply	External	External
Chamfer form	C	B
Coating / grade	WY80AA	WY80AA
Cutting tool material	HSS-E	HSS-E
P Steel	●●	●●
M Stainless steel	●●	●●
K Cast iron	●●	●●
N NF metals	●	●●
S Materials with difficult cutting properties		
H Hard materials		
O Other		
Page in catalogue	**73**	**41**
QR code		
www.walter-tools.com/woc/	TC115	TC216

WALTER SELECT

●● Primary application ● Other application

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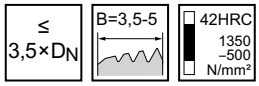
HSS-E PM machine taps

mm

Prototex® Eco Plus



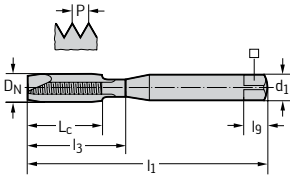

– For long-chipping materials



M	6HX	
DIN 13		

	P	M	K	N	S	H	O
THL	●●	●●	●●	●●			
TIN	●●	●●	●●	●●			

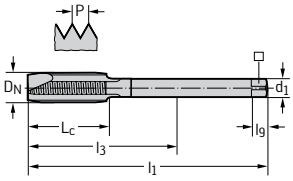
DIN 371



Parallel shank

Designation THL	Designation TIN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2021302-M2	EP2021305-M2	M 2	0,4	45	6	9	2,8	2,1	5	3
EP2021302-M2.5	EP2021305-M2.5	M 2.5	0,45	50	8	12,5	2,8	2,1	5	3
EP2021302-M3	EP2021305-M3	M 3	0,5	56	9	18	3,5	2,7	6	3
EP2021302-M4	EP2021305-M4	M 4	0,7	63	12	21	4,5	3,4	6	3
EP2021302-M5	EP2021305-M5	M 5	0,8	70	13	25	6	4,9	8	3
EP2021302-M6	EP2021305-M6	M 6	1	80	15	30	6	4,9	8	3
EP2021302-M8	EP2021305-M8	M 8	1,25	90	18	35	8	6,2	9	3
EP2021302-M10	EP2021305-M10	M 10	1,5	100	20	39	10	8	11	3

DIN 376



Parallel shank

Designation THL	Designation TIN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2026302-M12	EP2026305-M12	M 12	1,75	110	23	83	9	7	10	4
EP2026302-M14	EP2026305-M14	M 14	2	110	25	81	11	9	12	4
EP2026302-M16	EP2026305-M16	M 16	2	110	25	68	12	9	12	4
EP2026302-M18	EP2026305-M18	M 18	2,5	125	30	81	14	11	14	4
EP2026302-M20	EP2026305-M20	M 20	2,5	140	30	95	16	12	15	4
EP2026302-M24	EP2026305-M24	M 24	3	160	36	113	18	14,5	17	4
EP2026302-M27		M 27	3	160	36	97	20	16	19	4
EP2026302-M30		M 30	3,5	180	42	115	22	18	21	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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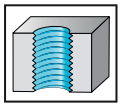
HSS-E PM machine taps

mm

Prototex® Eco Plus



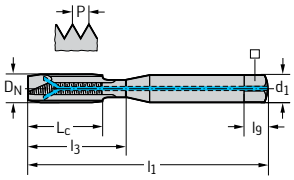
– For long-chipping materials

M DIN 13	6HX	



	P	M	K	N	S	H	O
THL	●●	●●	●●	●●			

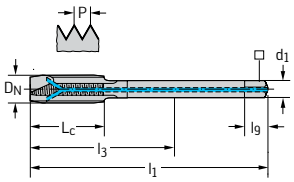
DIN 371



Parallel shank

Designation THL	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2021342-M6	M 6	1	80	15	30	6	4,9	8	3
EP2021342-M8	M 8	1,25	90	18	35	8	6,2	9	3
EP2021342-M10	M 10	1,5	100	20	39	10	8	11	3

DIN 376



Parallel shank

Designation THL	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2026342-M12	M 12	1,75	110	23	83	9	7	10	4
EP2026342-M16	M 16	2	110	25	68	12	9	12	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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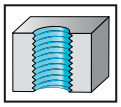
HSS-E PM machine taps

mm

Prototex® Eco Plus



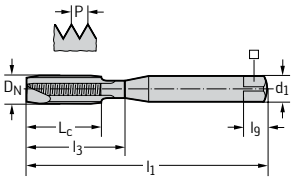
– For long-chipping materials

M DIN 13	6HX	

≤ 3,5×D_N	B=3,5-5	LH	42HRC 1350 –500 N/mm²

	P	M	K	N	S	H	O
THL	●●	●●	●●	●●			

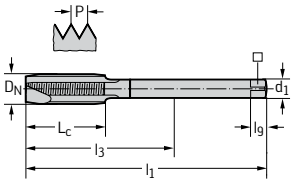
DIN 371



Parallel shank

Designation THL	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_g mm	N
EP2021382-M3	M 3	0,5	56	9	18	3,5	2,7	6	3
EP2021382-M4	M 4	0,7	63	12	21	4,5	3,4	6	3
EP2021382-M5	M 5	0,8	70	13	25	6	4,9	8	3
EP2021382-M6	M 6	1	80	15	30	6	4,9	8	3
EP2021382-M8	M 8	1,25	90	18	35	8	6,2	9	3
EP2021382-M10	M 10	1,5	100	20	39	10	8	11	3

DIN 376



Parallel shank

Designation THL	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_g mm	N
EP2026382-M12	M 12	1,75	110	23	83	9	7	10	4
EP2026382-M16	M 16	2	110	25	68	12	9	12	4
EP2026382-M20	M 20	2,5	140	30	95	16	12	15	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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HSS-E PM machine taps

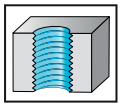
mm

Prototex® Eco Plus



– For long-chipping materials

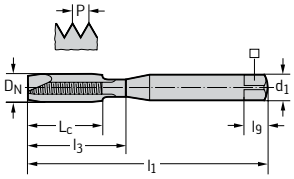
M	6GX	
DIN 13		



≤ 3,5×D_N | B=3,5-5 | 42HRC, 1350 –500 N/mm²

	P	M	K	N	S	H	O
THL	●●	●●	●●	●●			
TIN	●●	●●	●●	●●			

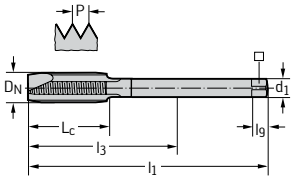
DIN 371



Parallel shank

Designation THL	Designation TIN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2023302-M2	EP2023305-M2	M 2	0,4	45	6	9	2,8	2,1	5	3
EP2023302-M2.5		M 2.5	0,45	50	8	12,5	2,8	2,1	5	3
EP2023302-M3	EP2023305-M3	M 3	0,5	56	9	18	3,5	2,7	6	3
EP2023302-M4	EP2023305-M4	M 4	0,7	63	12	21	4,5	3,4	6	3
EP2023302-M5	EP2023305-M5	M 5	0,8	70	13	25	6	4,9	8	3
EP2023302-M6	EP2023305-M6	M 6	1	80	15	30	6	4,9	8	3
EP2023302-M8	EP2023305-M8	M 8	1,25	90	18	35	8	6,2	9	3
EP2023302-M10	EP2023305-M10	M 10	1,5	100	20	39	10	8	11	3

DIN 376



Parallel shank

Designation THL	Designation TIN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2028302-M12	EP2028305-M12	M 12	1,75	110	23	83	9	7	10	4
EP2028302-M14	EP2028305-M14	M 14	2	110	25	81	11	9	12	4
EP2028302-M16	EP2028305-M16	M 16	2	110	25	68	12	9	12	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E machine taps

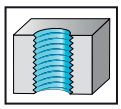
TD217 Advance inch

Thread·tec™ Omni



– Universal taps

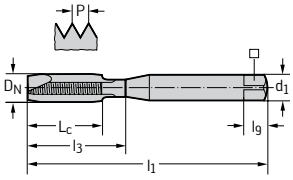
DIN ANSI | M DIN 13 | 6HX



≤ 3×D_N | B=3,5-5 | 38HRC 1250 –350 N/mm²

	P	M	K	N	S	H	O
WY80FC	●●	●●	●●	●●			

DIN-ANSI

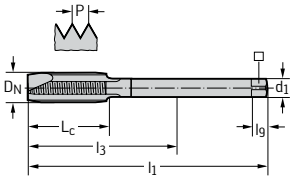


Designation	D_N-P	D_N inch	P inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80FC
TD217.M3-C0-	M 3	0,118	0,020	2,205	0,354	0,709	0,141	0,110	0,19	2	●●
TD217.M4-C0-	M 4	0,157	0,028	2,48	0,472	0,827	0,168	0,131	0,250	3	●●
TD217.M5-C0-	M 5	0,197	0,031	2,756	0,512	0,984	0,194	0,152	0,250	3	●●
TD217.M6-C0-	M 6	0,236	0,039	3,150	0,591	1,181	0,255	0,191	0,313	3	●●
TD217.M8-C0-	M 8	0,315	0,049	3,543	0,709	1,378	0,318	0,238	0,380	3	●●
TD217.M10-C0-	M 10	0,394	0,059	3,937	0,787	1,535	0,381	0,286	0,437	3	●●

Ordering example for the grade WY80FC: TD217.M10-C0-WY80FC

C1

DIN-ANSI



Designation	D_N-P	D_N inch	P inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80FC
TD217.M12-L0-	M 12	0,472	0,069	4,331	0,906	3,224	0,367	0,275	0,437	3	●●
TD217.M16-L0-	M 16	0,630	0,079	4,331	0,984	2,587	0,480	0,360	0,563	4	●●
TD217.M20-L0-	M 20	0,787	0,098	5,512	1,181	3,641	0,652	0,489	0,69	4	●●

Ordering example for the grade WY80FC: TD217.M12-L0-WY80FC

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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HSS-E machine taps

TD217 Advance mm

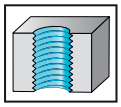
Thread·tec™ Omni



– Universal taps
– Reduced number of grooves

M
DIN 13

4HX



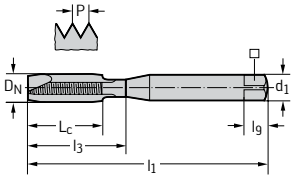
≤ 3×D_N

B=3,5-5

38HRC
1250
–350
N/mm²

	P	M	K	N	S	H	O
WY80FC	●●	●●	●●	●●			

DIN 371



Parallel shank

Designation	D_N-P	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80FC
TD217-M1.6-BN-	M 1.6	0,35	40	7	7	2,5	2,1	5	2	☹
TD217-M2-BN-	M 2	0,4	45	6	9	2,8	2,1	5	2	☹
TD217-M2.2-BN-	M 2.2	0,45	45	7	12	2,8	2,1	5	2	☹
TD217-M2.5-BN-	M 2.5	0,45	50	8	12,5	2,8	2,1	5	2	☹
TD217-M3-BN-	M 3	0,5	56	9	18	3,5	2,7	6	2	☹
TD217-M3.5-BN-	M 3.5	0,6	56	11	20	4	3	6	2	☹
TD217-M4-BN-	M 4	0,7	63	12	21	4,5	3,4	6	2	☹
TD217-M5-BN-	M 5	0,8	70	13	25	6	4,9	8	2	☹
TD217-M6-BN-	M 6	1	80	15	30	6	4,9	8	2	☹
TD217-M8-BN-	M 8	1,25	90	18	35	8	6,2	9	3	☹
TD217-M10-BN-	M 10	1,5	100	20	39	10	8	11	3	☹

Ordering example for the grade WY80FC: TD217-M1.6-BN-WY80FC

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E machine taps

TD217 Advance mm

Thread·tec™ Omni

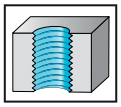


≤ 3×D_N | B=3,5-5 | 38HRC 1250 –350 N/mm²

– Universal taps

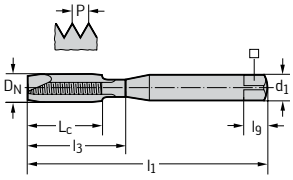
M
DIN 13

6HX



	P	M	K	N	S	H	O
WY80AA	●●	●	●●	●			
WY80FC	●●	●●	●●	●●			
WY80RG	●	●●	●	●●			

DIN 371



Parallel shank

Designation	D_N-P	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80FC	WY80RG
TD217-M1.7-C0-	M 1.7	0,35	40	7	7	2,5	2,1	5	2		☹	
TD217-M1.8-C0-	M 1.8	0,35	40	7	7	2,5	2,1	5	2		☹	
TD217-M2-C0-	M 2	0,4	45	6	9	2,8	2,1	5	3	☹	☹	☹
TD217-M2.3-C0-	M 2.3	0,4	45	7	12	2,8	2,1	5	2		☹	
TD217-M2.2-C0-	M 2.2	0,45	45	7	12	2,8	2,1	5	2	☹	☹	
TD217-M2.5-C0-	M 2.5	0,45	50	8	12,5	2,8	2,1	5	3	☹	☹	
TD217-M2.6-C0-	M 2.6	0,45	50	8	12,5	2,8	2,1	5	3		☹	
TD217-M3-C0-	M 3	0,5	56	9	18	3,5	2,7	6	3	☹	☹	☹
TD217-M3.5-C0-	M 3.5	0,6	56	11	20	4	3	6	3	☹	☹	
TD217-M4-C0-	M 4	0,7	63	12	21	4,5	3,4	6	3	☹	☹	☹
TD217-M4.5-C0-	M 4.5	0,75	70	13	25	6	4,9	8	3		☹	
TD217-M5-C0-	M 5	0,8	70	13	25	6	4,9	8	3	☹	☹	☹
TD217-M6-C0-	M 6	1	80	15	30	6	4,9	8	3	☹	☹	☹
TD217-M7-C0-	M 7	1	80	15	30	7	5,5	8	3	☹	☹	
TD217-M8-C0-	M 8	1,25	90	18	35	8	6,2	9	3	☹	☹	☹
TD217-M10-C0-	M 10	1,5	100	20	39	10	8	11	3	☹	☹	☹

Ordering example for the grade WY80FC: TD217-M1.7-C0-WY80FC

C1

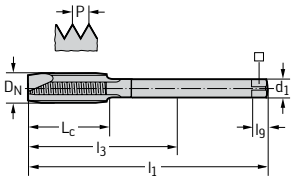
WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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DIN 376



Designation	D_N-P	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80FC	WY80RG
TD217-M2-L0-	M 2	0,4	45	6	31	1,4	1,1	4	3		●	
TD217-M2.5-L0-	M 2.5	0,45	50	8	32	1,8	1,4	4	3		●	
TD217-M3-L0-	M 3	0,5	56	9	34	2,2	1,8	4	3		●	
TD217-M4-L0-	M 4	0,7	63	12	43	2,8	2,1	5	3		●	
TD217-M5-L0-	M 5	0,8	70	13	49	3,5	2,7	6	3	●	●	
TD217-M6-L0-	M 6	1	80	15	59	4,5	3,4	6	3	●	●	
TD217-M7-L0-	M 7	1	80	15	58	5,5	4,3	7	3		●	
TD217-M8-L0-	M 8	1,25	90	18	67	6	4,9	8	3	●	●	
TD217-M9-L0-	M 9	1,25	90	18	67	7	5,5	8	3		●	
TD217-M10-L0-	M 10	1,5	100	20	77	7	5,5	8	3	●	●	
TD217-M12-L0-	M 12	1,75	110	23	83	9	7	10	3	●	●	●
TD217-M14-L0-	M 14	2	110	25	81	11	9	12	4	●	●	●
TD217-M16-L0-	M 16	2	110	25	68	12	9	12	4	●	●	●
TD217-M18-L0-	M 18	2,5	125	30	81	14	11	14	4	●	●	
TD217-M20-L0-	M 20	2,5	140	30	95	16	12	15	4	●	●	
TD217-M22-L0-	M 22	2,5	140	30	93	18	14,5	17	4		●	
TD217-M24-L0-	M 24	3	160	36	113	18	14,5	17	4	●	●	
TD217-M27-L0-	M 27	3	160	36	97	20	16	19	4	●	●	
TD217-M30-L0-	M 30	3,5	180	42	115	22	18	21	4	●	●	
TD217-M33-L0-	M 33	3,5	180	42	113	25	20	23	4		●	
TD217-M36-L0-	M 36	4	200	48	131	28	22	25	4	●	●	
TD217-M39-L0-	M 39	4	200	48	102	32	24	27	4		●	
TD217-M42-L0-	M 42	4,5	200	54	102	32	24	27	4		●	
TD217-M45-L0-	M 45	4,5	220	54	117	36	29	32	4		●	
TD217-M48-L0-	M 48	5	250	60	147	36	29	32	4		●	
TD217-M52-L0-	M 52	5	250	60	120	40	32	35	4		●	
TD217-M56-L0-	M 56	5,5	250	66	120	40	32	35	4		●	

Ordering example for the grade WY80AA: TD217-M10-L0-WY80AA

C1

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HSS-E machine taps

TD217 Advance mm

Thread·tec™ Omni



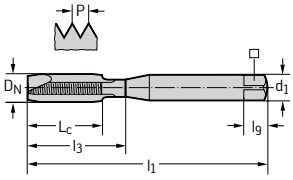
– Universal taps
– Reduced number of grooves

≤ 3×D_N | B=3,5-5 | 38HRC 1250 –350 N/mm²

M	6HX	
DIN 13		

	P	M	K	N	S	H	O
WY80AA	●●	●	●●	●			
WY80FC	●●	●●	●●	●●			

DIN 371



Parallel shank

Designation	D_N-P	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80FC
TD217-M1-CN-	M 1	0,25	40	5	5	2,5	2,1	5	2		☹
TD217-M1.2-CN-	M 1.2	0,25	40	5	5	2,5	2,1	5	2	☹	☹
TD217-M1.4-CN-	M 1.4	0,3	40	7	6,5	2,5	2,1	5	2	☹	☹
TD217-M1.6-CN-	M 1.6	0,35	40	7	7	2,5	2,1	5	2	☹	☹
TD217-M2-CN-	M 2	0,4	45	6	9	2,8	2,1	5	2	☹	☹
TD217-M2.5-CN-	M 2.5	0,45	50	8	12,5	2,8	2,1	5	2	☹	☹
TD217-M2.6-CN-	M 2.6	0,45	50	8	12,5	2,8	2,1	5	2		☹
TD217-M3-CN-	M 3	0,5	56	9	18	3,5	2,7	6	2	☹	☹
TD217-M3.5-CN-	M 3.5	0,6	56	11	20	4	3	6	2	☹	
TD217-M4-CN-	M 4	0,7	63	12	21	4,5	3,4	6	2	☹	☹
TD217-M4.5-CN-	M 4.5	0,75	70	13	25	6	4,9	8	2		☹
TD217-M5-CN-	M 5	0,8	70	13	25	6	4,9	8	2	☹	☹
TD217-M6-CN-	M 6	1	80	15	30	6	4,9	8	2	☹	☹

Ordering example for the grade WY80FC: TD217-M1-CN-WY80FC

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

www.isotool.se
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HSS-E machine taps

TD217 Advance mm

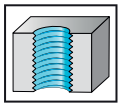
Thread·tec™ Omni



– Universal taps

M
DIN 13

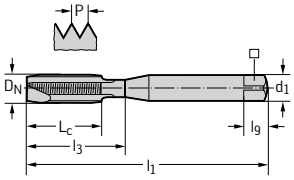
6HX



≤ 3×D_N | B=3,5-5 | LH | 38HRC 1250 –350 N/mm²

	P	M	K	N	S	H	O
WY80FC	●●	●●	●●	●●			

DIN 371

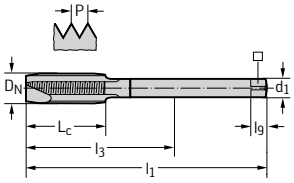


Parallel shank

Designation	D_N-P	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80FC
TD217-M2-CL-	M 2	0,4	45	6	9	2,8	2,1	5	2	☹
TD217-M3-CL-	M 3	0,5	56	9	18	3,5	2,7	6	2	☹
TD217-M4-CL-	M 4	0,7	63	12	21	4,5	3,4	6	3	☹
TD217-M5-CL-	M 5	0,8	70	13	25	6	4,9	8	3	☹
TD217-M6-CL-	M 6	1	80	15	30	6	4,9	8	3	☹
TD217-M8-CL-	M 8	1,25	90	18	35	8	6,2	9	3	☹
TD217-M10-CL-	M 10	1,5	100	20	39	10	8	11	3	☹

Ordering example for the grade WY80FC: TD217-M10-CL-WY80FC

DIN 376



Parallel shank

Designation	D_N-P	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80FC
TD217-M12-LL-	M 12	1,75	110	23	83	9	7	10	3	☹
TD217-M16-LL-	M 16	2	110	25	68	12	9	12	4	☹
TD217-M20-LL-	M 20	2,5	140	30	95	16	12	15	4	☹

Ordering example for the grade WY80FC: TD217-M12-LL-WY80FC

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E machine taps

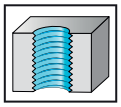
TD217 Advance mm

Thread·tec™ Omni



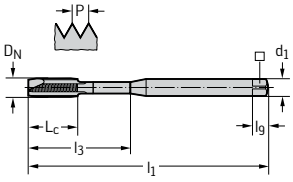
– Universal taps

M	6HX	
DIN 13		



	P	M	K	N	S	H	O
WY80AA	●●	●	●●	●			
WY80FC	●●	●●	●●	●●			

~DIN 371 L

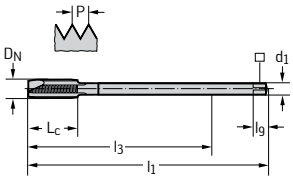


Parallel shank

Designation	D_N-P	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80FC
TD217-M3-CG-	M 3	0,5	112	9	18	3,5	2,7	6	3	●●	●●
TD217-M4-CG-	M 4	0,7	112	12	21	4,5	3,4	6	3	●●	●●
TD217-M5-CG-	M 5	0,8	125	13	25	6	4,9	8	3	●●	●●
TD217-M6-CG-	M 6	1	125	15	30	6	4,9	8	3	●●	●●
TD217-M8-CG-	M 8	1,25	140	18	40	8	6,2	9	3	●●	●●
TD217-M10-CG-	M 10	1,5	160	20	50	10	8	11	3	●●	●●

Ordering example for the grade WY80AA: TD217-M10-CG-WY80AA

~DIN 376 L



Parallel shank

Designation	D_N-P	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80FC
TD217-M3-LG-	M 3	0,5	112	9	93	2,2	1,8	4	3		●●
TD217-M4-LG-	M 4	0,7	112	12	92	2,8	2,1	5	3		●●
TD217-M5-LG-	M 5	0,8	125	13	104	3,5	2,7	6	3	●●	●●
TD217-M6-LG-	M 6	1	125	15	104	4,5	3,4	6	3	●●	●●
TD217-M8-LG-	M 8	1,25	140	18	117	6	4,9	8	3	●●	●●
TD217-M10-LG-	M 10	1,5	160	20	137	7	5,5	8	3	●●	●●
TD217-M12-LG-	M 12	1,75	180	23	153	9	7	10	3	●●	●●
TD217-M14-LG-	M 14	2	180	25	151	11	9	12	4	●●	●●
TD217-M16-LG-	M 16	2	200	25	158	12	9	12	4	●●	●●
TD217-M20-LG-	M 20	2,5	224	30	179	16	12	15	4	●●	●●

Ordering example for the grade WY80AA: TD217-M10-LG-WY80AA

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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HSS-E machine taps

TD217 Advance mm

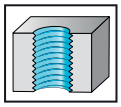
Thread·tec™ Omni



– Universal taps

M
DIN 13

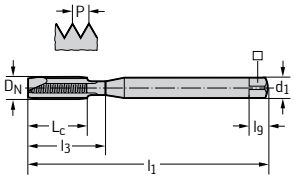
6HX



≤ 3×D_N | B=3,5-5 | XL l_1 | 38HRC 1250 –350 N/mm²

	P	M	K	N	S	H	O
WY80FC	●●	●●	●●	●●			

~DIN 371 XL

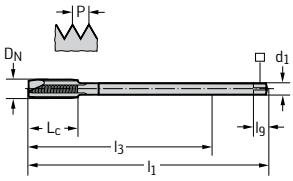


Parallel shank

Designation	D_N-P	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80FC
TD217-M4-CH-	M 4	0,7	125	12	21	4,5	3,4	6	3	☹
TD217-M5-CH-	M 5	0,8	140	13	25	6	4,9	8	3	☹
TD217-M6-CH-	M 6	1	160	15	30	6	4,9	8	3	☹

Ordering example for the grade WY80FC: TD217-M4-CH-WY80FC

~DIN 376 XL



Parallel shank

Designation	D_N-P	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80FC
TD217-M8-LH-	M 8	1,25	180	18	157	6	4,9	8	3	☹
TD217-M10-LH-	M 10	1,5	200	20	177	7	5,5	8	3	☹
TD217-M12-LH-	M 12	1,75	220	23	193	9	7	10	3	☹
TD217-M14-LH-	M 14	2	220	25	191	11	9	12	4	☹
TD217-M16-LH-	M 16	2	220	25	178	12	9	12	4	☹
TD217-M20-LH-	M 20	2,5	280	30	235	16	12	15	4	☹

Ordering example for the grade WY80FC: TD217-M10-LH-WY80FC

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E machine taps

TD217 Advance mm

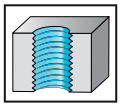
Thread·tec™ Omni



– Universal taps
– For thin-walled workpieces

M
DIN 13

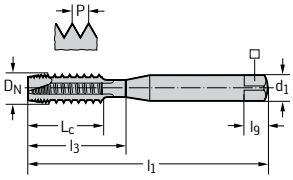
6HX



≤ 3×D_N | B=3,5-5 | 38HRC 1250 –350 N/mm²

	P	M	K	N	S	H	O
WY80FC	●●	●●	●●	●●			

DIN 371

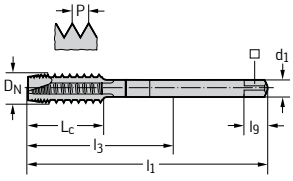


Parallel shank

Designation	D_N-P	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80FC
★ TD217-M3-CZ-	M 3	0,5	56	9	18	3,5	2,7	6	3	☹
★ TD217-M4-CZ-	M 4	0,7	63	12	21	4,5	3,4	6	3	☹
★ TD217-M5-CZ-	M 5	0,8	70	13	25	6	4,9	8	3	☹
★ TD217-M6-CZ-	M 6	1	80	15	30	6	4,9	8	3	☹
★ TD217-M8-CZ-	M 8	1,25	90	18	35	8	6,2	9	3	☹
★ TD217-M10-CZ-	M 10	1,5	100	20	39	10	8	11	3	☹

Ordering example for the grade WY80FC: TD217-M10-CZ-WY80FC

DIN 376



Parallel shank

Designation	D_N-P	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80FC
★ TD217-M12-LZ-	M 12	1,75	110	23	83	9	7	10	3	☹
★ TD217-M14-LZ-	M 14	2	110	25	81	11	9	12	4	☹
★ TD217-M16-LZ-	M 16	2	110	25	68	12	9	12	4	☹
★ TD217-M20-LZ-	M 20	2,5	140	30	95	16	12	15	4	☹

Ordering example for the grade WY80FC: TD217-M12-LZ-WY80FC

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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HSS-E machine taps

TD217 Advance mm

Thread·tec™ Omni



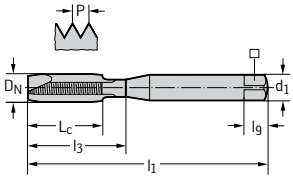

– Universal taps

M	6GX	
DIN 13		

≤ 3×D_N | B=3,5-5 | 38HRC, 1250 –350 N/mm²

	P	M	K	N	S	H	O
WY80AA	●●	●	●●	●			
WY80FC	●●	●●	●●	●●			

DIN 371

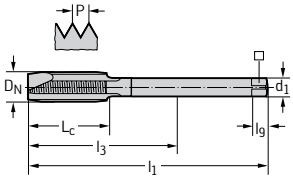


Parallel shank

Designation	D_N-P	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80FC
TD217-M2.5-E0-	M 2.5	0,45	50	8	12,5	2,8	2,1	5	3		☹
TD217-M3-E0-	M 3	0,5	56	9	18	3,5	2,7	6	3	☹	☹
TD217-M3.5-E0-	M 3.5	0,6	56	11	20	4	3	6	3		☹
TD217-M4-E0-	M 4	0,7	63	12	21	4,5	3,4	6	3	☹	☹
TD217-M5-E0-	M 5	0,8	70	13	25	6	4,9	8	3	☹	☹
TD217-M6-E0-	M 6	1	80	15	30	6	4,9	8	3	☹	☹
TD217-M7-E0-	M 7	1	80	15	30	7	5,5	8	3	☹	☹
TD217-M8-E0-	M 8	1,25	90	18	35	8	6,2	9	3	☹	☹
TD217-M10-E0-	M 10	1,5	100	20	39	10	8	11	3	☹	☹

Ordering example for the grade WY80AA: TD217-M10-E0-WY80AA

DIN 376



Parallel shank

Designation	D_N-P	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80FC
TD217-M5-N0-	M 5	0,8	70	13	49	3,5	2,7	6	3	☹
TD217-M6-N0-	M 6	1	80	15	59	4,5	3,4	6	3	☹
TD217-M8-N0-	M 8	1,25	90	18	67	6	4,9	8	3	☹
TD217-M10-N0-	M 10	1,5	100	20	77	7	5,5	8	3	☹
TD217-M12-N0-	M 12	1,75	110	23	83	9	7	10	3	☹
TD217-M14-N0-	M 14	2	110	25	81	11	9	12	4	☹
TD217-M16-N0-	M 16	2	110	25	68	12	9	12	4	☹
TD217-M20-N0-	M 20	2,5	140	30	95	16	12	15	4	☹
TD217-M24-N0-	M 24	3	160	36	113	18	14,5	17	4	☹

Ordering example for the grade WY80FC: TD217-M10-N0-WY80FC

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E machine taps

TD217 Advance mm

Thread·tec™ Omni

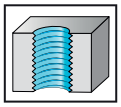


– Universal taps
– Reduced number of grooves

≤ 3×D_N | B=3,5-5 | 38HRC 1250 –350 N/mm²

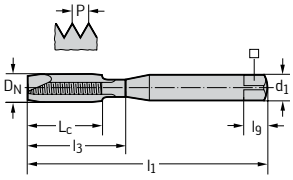
M
DIN 13

6GX



	P	M	K	N	S	H	O
WY80AA	●●	●	●●	●			
WY80FC	●●	●●	●●	●●			

DIN 371



Parallel shank

Designation	D_N-P	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80FC
TD217-M2-EN-	M 2	0,4	45	6	11	2,8	2,1	5	2	☹	☹
TD217-M2.3-EN-	M 2.3	0,4	45	7	12,5	2,8	2,1	5	2		☹
TD217-M2.5-EN-	M 2.5	0,45	50	8	12,5	2,8	2,1	5	2	☹	☹
TD217-M2.6-EN-	M 2.6	0,45	50	8	14	2,8	2,1	5	2		☹
TD217-M3-EN-	M 3	0,5	56	9	18	3,5	2,7	6	2	☹	☹
TD217-M3.5-EN-	M 3.5	0,6	56	11	20	4	3	6	2	☹	☹
TD217-M4-EN-	M 4	0,7	63	12	21	4,5	3,4	6	2	☹	☹
TD217-M5-EN-	M 5	0,8	70	13	25	6	4,9	8	2	☹	☹

Ordering example for the grade WY80AA: TD217-M2-EN-WY80AA

C1

WALTER SELECT

●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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HSS-E machine taps

TD217 Advance mm

Thread·tec™ Omni

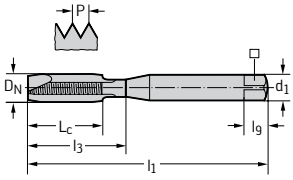


– Universal taps

M	7GX	
DIN 13		

	P	M	K	N	S	H	O
WY80AA	●●	●	●●	●			
WY80FC	●●	●●	●●	●●			

DIN 371

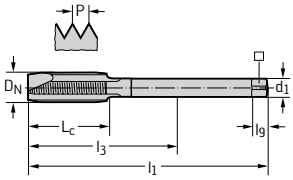


Parallel shank

Designation	D_N-P	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80FC
TD217-M2-F0-	M 2	0,4	45	6	11	2,8	2,1	5	2	☹	☹
TD217-M2.5-F0-	M 2.5	0,45	50	8	12,5	2,8	2,1	5	3	☹	☹
TD217-M2.6-F0-	M 2.6	0,45	50	8	14	2,8	2,1	5	2		☹
TD217-M3-F0-	M 3	0,5	56	9	18	3,5	2,7	6	3	☹	☹
TD217-M3.5-F0-	M 3.5	0,6	56	11	20	4	3	6	2	☹	☹
TD217-M4-F0-	M 4	0,7	63	12	21	4,5	3,4	6	3	☹	☹
TD217-M5-F0-	M 5	0,8	70	13	25	6	4,9	8	3	☹	☹
TD217-M6-F0-	M 6	1	80	15	30	6	4,9	8	3	☹	☹
TD217-M8-F0-	M 8	1,25	90	18	35	8	6,2	9	3	☹	☹
TD217-M10-F0-	M 10	1,5	100	20	39	10	8	11	3	☹	☹

Ordering example for the grade WY80AA: TD217-M10-F0-WY80AA

DIN 376



Parallel shank

Designation	D_N-P	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80FC
TD217-M12-P0-	M 12	1,75	110	23	83	9	7	10	3	☹	☹
TD217-M16-P0-	M 16	2	110	25	68	12	9	12	4	☹	☹
TD217-M20-P0-	M 20	2,5	140	30	95	16	12	15	4	☹	☹

Ordering example for the grade WY80AA: TD217-M12-P0-WY80AA

C1

WALTER SELECT

●● Primary application ● Other application

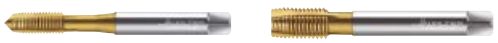
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

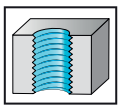
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HSS-E machine taps

TC216 Perform mm



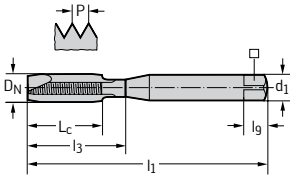
– For long-chipping materials

M DIN 13	ISO2/6H	

≤ 3×D_N | B=3,5-5 | 32HRC, 1000 –350 N/mm²

	P	M	K	N	S	H	O
WY80AA	●●	●●	●●	●●			

DIN 371

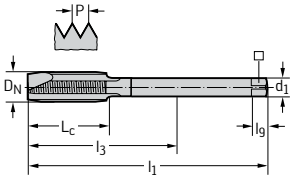


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA
TC216-M1.6-C0-	M 1.6	0,35	40	7	7	2,5	2,1	5	2	●●
TC216-M2-C0-	M 2	0,4	45	6	9	2,8	2,1	5	2	●●
TC216-M2.5-C0-	M 2.5	0,45	50	8	12,5	2,8	2,1	5	2	●●
TC216-M3-C0-	M 3	0,5	56	9	18	3,5	2,7	6	2	●●
TC216-M4-C0-	M 4	0,7	63	12	21	4,5	3,4	6	3	●●
TC216-M5-C0-	M 5	0,8	70	13	25	6	4,9	8	3	●●
TC216-M6-C0-	M 6	1	80	15	30	6	4,9	8	3	●●
TC216-M8-C0-	M 8	1,25	90	18	35	8	6,2	9	3	●●
TC216-M10-C0-	M 10	1,5	100	20	39	10	8	11	3	●●

Ordering example for the grade WY80AA: TC216-M1.6-C0-WY80AA

DIN 376



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA
TC216-M12-L0-	M 12	1,75	110	23	83	9	7	10	3	●●
TC216-M14-L0-	M 14	2	110	25	81	11	9	12	4	●●
TC216-M16-L0-	M 16	2	110	25	68	12	9	12	4	●●
TC216-M20-L0-	M 20	2,5	140	30	95	16	12	15	4	●●

Ordering example for the grade WY80AA: TC216-M12-L0-WY80AA

C1

WALTER SELECT

●● Primary application ● Other application

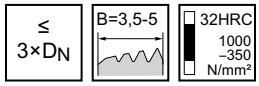
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

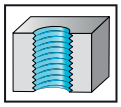
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HSS-E tap set 1
TC216 Perform



– Universal tap set



M	ISO2/6H	
DIN 13		

	P	M	K	N	S	H	O
WY80AA	●●	●●	●●	●●			
WY80FC	●●	●●	●●	●●			

Tool

	Designation	D_N	Quantity	WY80AA
	TC216-SET1-M3-M12-	M 3 – M 12	7	☹

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E tap set 2
TC216 Perform

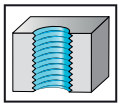


– Universal tap set
– Incl. Core-hole drill

≤ 3×D_N | B=3,5-5 | 32HRC 1000 –350 N/mm²

M
DIN 13

ISO2/6H



	P	M	K	N	S	H	O
WY80AA	●●	●●	●●	●●			
WY80FC	●●	●●	●●	●●			

Tool

	Designation	D_N	Sentences Ø mm	Sentences Ø mm	Quantity	WY80AA
	TC216-SET2-M3-M12-	M 3 – M 12	2,5	10,2	14	☹

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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HSS-E machine taps

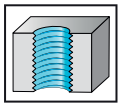
mm

Prototex® Synchrospeed



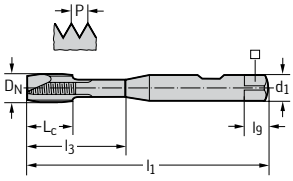
– For long-chipping materials
– Only for synchronous machining (rigid tapping)

≤ 3×D_N | B=3,5-5 | 44HRC 1400 N/mm²

M DIN 13	6HX	

	P	M	K	N	S	H	O
THL	●●	●●	●●	●●	●●		●●
TIN	●●	●●	●●	●●	●●		●●

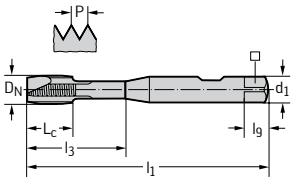
~DIN 371



Parallel shank

Designation THL	Designation TIN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N
S2021302-M2		M 2	0,4	70	4	9	6	4,9	8	3
S2021302-M2.5		M 2.5	0,45	70	5	12,5	6	4,9	8	3
S2021302-M3		M 3	0,5	70	5	18	6	4,9	8	3
S2021302-M4	S2021305-M4	M 4	0,7	70	7	21	6	4,9	8	3
S2021302-M5	S2021305-M5	M 5	0,8	70	8	25	6	4,9	8	3
S2021302-M6	S2021305-M6	M 6	1	80	10	30	6	4,9	8	3
S2021302-M8	S2021305-M8	M 8	1,25	90	13	35	8	6,2	9	3
S2021302-M10	S2021305-M10	M 10	1,5	100	15	39	10	8	11	3

~DIN 376



Parallel shank

Designation THL	Designation TIN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N
S2026302-M12	S2026305-M12	M 12	1,75	110	18	42	12	9	12	3
S2026302-M14	S2026305-M14	M 14	2	110	20	49	14	11	14	3
S2026302-M16	S2026305-M16	M 16	2	110	20	55	16	12	15	4
S2026302-M20	S2026305-M20	M 20	2,5	140	25	95	16	12	15	4
S2026302-M24	S2026305-M24	M 24	3	160	30	97	20	16	19	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E machine taps

mm

Prototex® OS



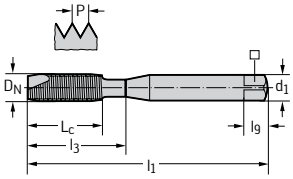
– For long-chipping materials

M	ISO2/6H	
DIN 13		

≤ 1×D_N | B=3,5-5 | 14HRC 700 –200 N/mm²

	P	M	K	N	S	H	O
uncoated	●●			●			

DIN 371



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_g mm	N
20211-M1	M 1	0,25	40	5	5	2,5	2,1	5	2
20211-M1.2	M 1.2	0,25	40	5	5	2,5	2,1	5	2
20211-M1.4	M 1.4	0,3	40	7	6,5	2,5	2,1	5	2
20211-M1.6	M 1.6	0,35	40	7	7	2,5	2,1	5	2
20211-M1.7	M 1.7	0,35	40	7	7	2,5	2,1	5	2
20211-M2.5	M 2.5	0,45	50	8	12,5	2,8	2,1	5	2
20211-M5	M 5	0,8	70	13	25	6	4,9	8	2
20211-M6	M 6	1	80	15	30	6	4,9	8	3
20211-M8	M 8	1,25	90	18	35	8	6,2	9	3
20211-M10	M 10	1,5	100	20	39	10	8	11	3

≤ M 1.4: 5H
≤ M 1.8: Without reduced neck after the thread

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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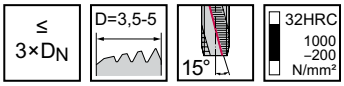
HSS-E machine taps

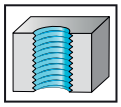
mm

Paradur® N



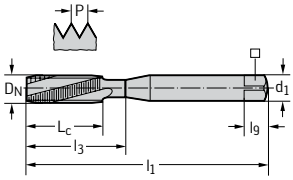
– For long-chipping materials



M	ISO2/6H	
DIN 13		

	P	M	K	N	S	H	O
uncoated	●●		●●	●●			

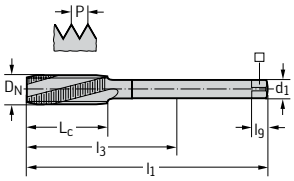
DIN 371



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
20411-M3	M 3	0,5	56	9	18	3,5	2,7	6	3
20411-M4	M 4	0,7	63	12	21	4,5	3,4	6	3
20411-M5	M 5	0,8	70	13	25	6	4,9	8	3
20411-M6	M 6	1	80	15	30	6	4,9	8	3

DIN 376



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
20461-M6	M 6	1	80	15	59	4,5	3,4	6	3
20461-M8	M 8	1,25	90	18	67	6	4,9	8	3
20461-M10	M 10	1,5	100	20	77	7	5,5	8	3
20461-M12	M 12	1,75	110	23	83	9	7	10	3

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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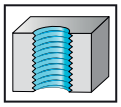
HSS-E machine taps

mm

Prototex® X-pert N



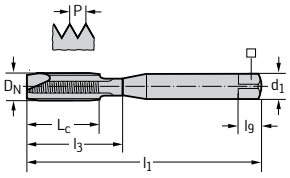
– For long-chipping materials

M DIN 13	ISO2/6H	

≤ 3×D_N | B=3,5-5 | 14HRC 700 –200 N/mm²

	P	M	K	N	S	H	O
uncoated				●●	●		●

DIN 371



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
N20219-M2	M 2	0,4	45	6	9	2,8	2,1	5	2
N20219-M2.5	M 2.5	0,45	50	8	12,5	2,8	2,1	5	2
N20219-M3	M 3	0,5	56	9	18	3,5	2,7	6	2
N20219-M4	M 4	0,7	63	12	21	4,5	3,4	6	2
N20219-M5	M 5	0,8	70	13	25	6	4,9	8	2
N20219-M6	M 6	1	80	15	30	6	4,9	8	3
N20219-M8	M 8	1,25	90	18	35	8	6,2	9	3
N20219-M10	M 10	1,5	100	20	39	10	8	11	3

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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HSS-E PM machine taps

mm

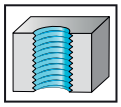
Prototex® TiNi



– Recommended with oil
– For long-chipping materials

M
DIN 13

4HX



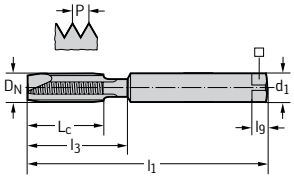
≤ 2×D_N

B=3,5-5

44HRC
1400
–700
N/mm²

	P	M	K	N	S	H	O
uncoated	●●	●●		●	●●		

~DIN 371



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
202061-M2	M 2	0,4	45	8	8	2,8	2,1	5	2
202061-M2.5	M 2.5	0,45	50	9	9	2,8	2,1	5	2
202061-M3	M 3	0,5	56	10	10	3,5	2,7	6	2
202061-M3.5	M 3.5	0,6	56	12	12	4	3	6	3
202061-M4	M 4	0,7	63	13	13	4,5	3,4	6	3
202061-M5	M 5	0,8	70	16	16	6	4,9	8	3
202061-M6	M 6	1	80	15	23	6	4,9	8	3
202061-M8	M 8	1,25	90	18	29,5	8	6,2	9	3
202061-M10	M 10	1,5	100	20	33,5	10	8	11	3

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E PM machine taps

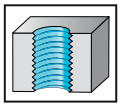
mm

Prototex® TiNi



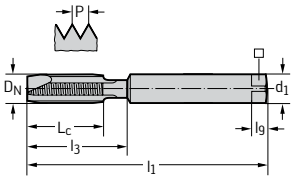
– Recommended with oil
– For long-chipping materials

≤ 2×D_N | B=3,5-5 | 44HRC 1400 –700 N/mm²

M DIN 13	6HX	

	P	M	K	N	S	H	O
TICN	●●	●●		●	●●		
uncoated	●●	●●		●	●●		

~DIN 371

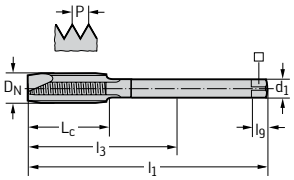


Parallel shank

Designation TICN	Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
	202161-M1	M 1	0,25	40	5	5	2,5	2,1	5	2
	202161-M1.2	M 1.2	0,25	40	5	5	2,5	2,1	5	2
	202161-M1.4	M 1.4	0,3	40	5	5	2,5	2,1	5	2
	202161-M1.6	M 1.6	0,35	40	5	5	2,5	2,1	5	2
	202161-M1.8	M 1.8	0,35	40	5	5	2,5	2,1	5	2
2021616-M2	202161-M2	M 2	0,4	45	8	8	2,8	2,1	5	2
	202161-M2.2	M 2.2	0,45	45	8	8	2,8	2,1	5	2
2021616-M2.5	202161-M2.5	M 2.5	0,45	50	9	9	2,8	2,1	5	2
2021616-M3		M 3	0,5	56	10	10	3,5	2,7	6	2
2021616-M3.5		M 3.5	0,6	56	12	12	4	3	6	3
2021616-M4	202161-M4	M 4	0,7	63	13	13	4,5	3,4	6	3
	202161-M4.5	M 4.5	0,75	70	13	13	6	4,9	8	3
2021616-M5	202161-M5	M 5	0,8	70	16	16	6	4,9	8	3
2021616-M6	202161-M6	M 6	1	80	15	23	6	4,9	8	3
2021616-M8	202161-M8	M 8	1,25	90	18	29,5	8	6,2	9	3
2021616-M10	202161-M10	M 10	1,5	100	20	33,5	10	8	11	3

≤ M 1.4: 5HX

DIN 376



Parallel shank

Designation TICN	Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
2026616-M12	202661-M12	M 12	1,75	110	23	83	9	7	10	4
2026616-M14	202661-M14	M 14	2	110	25	81	11	9	12	4
2026616-M16	202661-M16	M 16	2	110	25	68	12	9	12	4
2026616-M20	202661-M20	M 20	2,5	140	30	95	16	12	15	4
2026616-M24	202661-M24	M 24	3	160	36	113	18	14,5	17	4

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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HSS-E PM machine taps

mm

Prototex® TiNi Plus



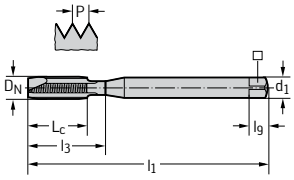

– Recommended with emulsion
– For long-chipping materials

M	6HX	
DIN 13		

≤ 2×D_N | B=3,5-5 | 44HRC 1400 –700 N/mm²

	P	M	K	N	S	H	O
ACN					●●		

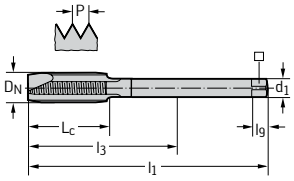
~DIN 371



Parallel shank

Designation ACN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
2021763-M2	M 2	0,4	45	8	8	2,8	2,1	5	2
2021763-M2.5	M 2.5	0,45	50	9	9	2,8	2,1	5	2
2021763-M3	M 3	0,5	56	10	10	3,5	2,7	6	2
2021763-M4	M 4	0,7	63	13	13	4,5	3,4	6	3
2021763-M5	M 5	0,8	70	16	16	6	4,9	8	3
2021763-M6	M 6	1	80	15	23	6	4,9	8	3
2021763-M8	M 8	1,25	90	18	29,5	8	6,2	9	3
2021763-M10	M 10	1,5	100	20	33,5	10	8	11	3

DIN 376



Parallel shank

Designation ACN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
2026763-M12	M 12	1,75	110	23	83	9	7	10	4
2026763-M16	M 16	2	110	25	68	12	9	12	4
2026763-M20	M 20	2,5	140	30	95	16	12	15	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E PM machine taps

mm

Prototex® Sprint

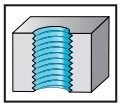


≤ 3×D_N | B=3,5-5 | 36HRC 1200 –350 N/mm²

– For long-chipping materials

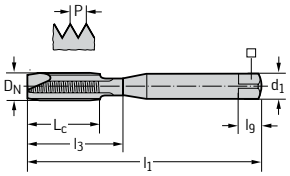
M
DIN 13

ISO2/6H



	P	M	K	N	S	H	O
TICN	●	●		●			
TIN	●	●		●			

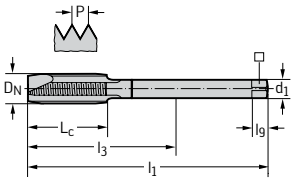
DIN 371



Parallel shank

Designation TICN	Designation TIN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
7021366-M4	7021365-M4	M 4	0,7	63	12	21	4,5	3,4	6	3
7021366-M5	7021365-M5	M 5	0,8	70	13	25	6	4,9	8	3
7021366-M6	7021365-M6	M 6	1	80	15	30	6	4,9	8	3
7021366-M8	7021365-M8	M 8	1,25	90	18	35	8	6,2	9	3
7021366-M10	7021365-M10	M 10	1,5	100	20	39	10	8	11	3

DIN 376



Parallel shank

Designation TIN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
7026365-M12	M 12	1,75	110	23	83	9	7	10	3
7026365-M14	M 14	2	110	25	81	11	9	12	3
7026365-M16	M 16	2	110	25	68	12	9	12	3
7026365-M20	M 20	2,5	140	30	95	16	12	15	3

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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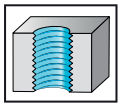
HSS-E PM machine taps

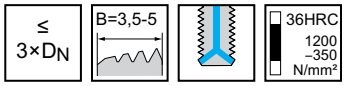
mm

Prototex® Megasprint



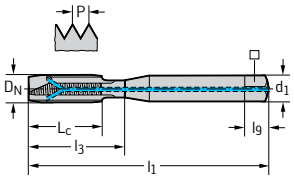
– For long-chipping materials

M DIN 13	ISO2/6H	



	P	M	K	N	S	H	O
TIN	●	●		●			

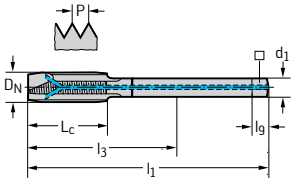
DIN 371



Parallel shank

Designation TIN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
7021345-M8	M 8	1,25	90	18	35	8	6,2	9	3
7021345-M10	M 10	1,5	100	20	39	10	8	11	3

DIN 376



Parallel shank

Designation TIN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
7026345-M16	M 16	2	110	25	68	12	9	12	3
7026345-M20	M 20	2,5	140	30	95	16	12	15	3

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS hand-held tap set

mm

HGB



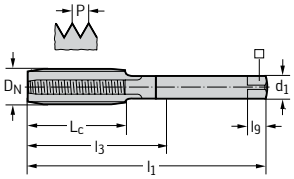
– For long- and short-chipping materials

M	ISO2/6H		
DIN 13			

≤ 2×D_N	C=2-3	S l_1	25HRC 850 –200 N/mm²

	P	M	K	N	S	H	O
uncoated	●		●	●			

DIN 352



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
30060-M3	M 3	0,5	40	9	13,5	3,5	2,7	6	3
30060-M4	M 4	0,7	45	11	16,5	4,5	3,4	6	3
30060-M5	M 5	0,8	50	13	19	6	4,9	8	3
30060-M6	M 6	1	56	15	27	6	4,9	8	3
30060-M8	M 8	1,25	63	19	40	6	4,9	8	3
30060-M10	M 10	1,5	70	22	47	7	5,5	8	3
30060-M12	M 12	1,75	75	25	48	9	7	10	4
30060-M16	M 16	2	80	25	38	12	9	12	4
30060-M20	M 20	2,5	95	32	50	16	12	15	4
30060-M24	M 24	3	110	34	63	18	14,5	17	4
30060-M30	M 30	3,5	125	40	60	22	18	21	4

Ordering code includes initial, intermediate and final cutter.
≤ M 2.5: Without reduced neck after the thread

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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HSS-E hand-held tap set

mm

HGB Inox



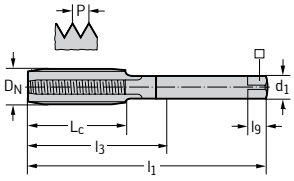
– For long-chipping materials

M DIN 13	6HX		

≤ 2×D_N	C=2-3	S l_1	36HRC 1200 –400 N/mm²

	P	M	K	N	S	H	O
VAP	●	●					

DIN 352



Parallel shank

Designation VAP	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
30063-M3	M 3	0,5	40	9	7,8	3,5	2,7	6	3
30063-M4	M 4	0,7	45	11	9,3	4,5	3,4	6	3
30063-M5	M 5	0,8	50	13	11	6	4,9	8	3
30063-M6	M 6	1	56	15	12,5	6	4,9	8	3
30063-M8	M 8	1,25	63	19	15,9	6	4,9	8	3
30063-M10	M 10	1,5	70	22	18,3	7	5,5	8	4
30063-M12	M 12	1,75	75	25	20,6	9	7	10	4
30063-M16	M 16	2	80	25	20	12	9	12	4
30063-M20	M 20	2,5	95	32	25,8	16	12	15	4
30063-M24	M 24	3	110	34	26,5	18	14,5	17	4
30063-M30	M 30	3,5	125	40	31,3	22	18	21	4

Ordering code includes initial, intermediate and final cutter.
≤ M 2.5: Without reduced neck after the thread

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E hand-held tap set

mm

HGB Ti



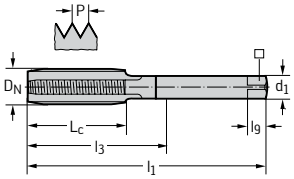
– For long-chipping materials

M DIN 13	6HX		

≤ 2×D_N	C=2-3	S l_1	47HRC 1500 –700 N/mm²

	P	M	K	N	S	H	O
NID					●		

DIN 352



Parallel shank

Designation NID	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
30016-M3	M 3	0,5	40	9	7,8	3,5	2,7	6	3
30016-M4	M 4	0,7	45	11	9,3	4,5	3,4	6	3
30016-M5	M 5	0,8	50	13	11	6	4,9	8	3
30016-M6	M 6	1	56	15	12,5	6	4,9	8	3
30016-M8	M 8	1,25	63	19	15,9	6	4,9	8	4
30016-M10	M 10	1,5	70	22	18,3	7	5,5	8	4
30016-M12	M 12	1,75	75	25	20,6	9	7	10	4

Ordering code includes initial, intermediate and final cutter.

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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HSS-E taps, short

mm

KMB Ms



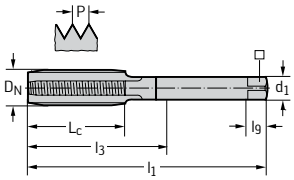
– For short-chipping materials

M DIN 13	ISO2/6H		

≤ 3×D_N	E=1,5-2	S l_1	25HRC 850 –350 N/mm²

	P	M	K	N	S	H	O
uncoated				●●			●

DIN 2184-2



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
20165-M4	M 4	0,7	45	11	16,5	4,5	3,4	6	3
20165-M5	M 5	0,8	50	13	19	6	4,9	8	3
20165-M6	M 6	1	56	15	27	6	4,9	8	3
20165-M8	M 8	1,25	63	19	40	6	4,9	8	3

≤ M 2.5: Without reduced neck after the thread

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E taps, short

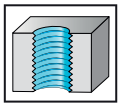
mm

KMB H



– For long-chipping materials

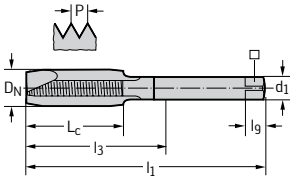
M	ISO2/6H	
DIN 13		



≤ 3×D_N	B=3,5-5	S l_1	32HRC 1000 –200 N/mm²

	P	M	K	N	S	H	O
uncoated	●●		●●	●●			●

DIN 2184-2



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
20160-M5	M 5	0,8	50	13	19	6	4,9	8	3
20160-M6	M 6	1	56	15	27	6	4,9	8	3
20160-M8	M 8	1,25	63	19	40	6	4,9	8	3
20160-M10	M 10	1,5	70	22	47	7	5,5	8	3
20160-M12	M 12	1,75	75	25	48	9	7	10	3

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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HSS-E nut taps

mm

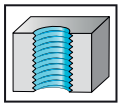
MMB

– For long-chipping materials

≤ 1×D_N

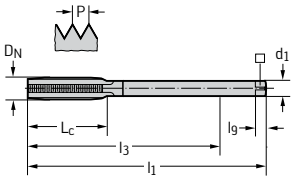
28HRC
900
–200
N/mm²

M	ISO2/6H	
DIN 13		



	P	M	K	N	S	H	O
uncoated	●●						

DIN 357



Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h12 mm	□ mm	l_9 mm	N
20890-M2	M 2	0,4	66	16	47	1,4	1,1	4	3
20890-M2.5	M 2.5	0,45	70	20	51	1,7	1,3	4	3
20890-M3	M 3	0,5	70	22	51	2,2	1,8	4	3
20890-M4	M 4	0,7	90	25	70	2,8	2,1	5	3
20890-M5	M 5	0,8	100	28	79	3,5	2,7	6	3
20890-M6	M 6	1	110	32	89	4,5	3,4	6	3
20890-M8	M 8	1,25	125	40	102	6	4,9	8	3
20890-M10	M 10	1,5	140	45	117	7	5,5	8	3
20890-M12	M 12	1,75	180	50	153	9	7	10	3
20890-M16	M 16	2	200	63	158	12	9	12	3

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

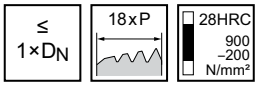
www.isotool.se
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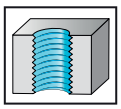
HSS-E automatic taps

mm

AMB

– For long-chipping materials

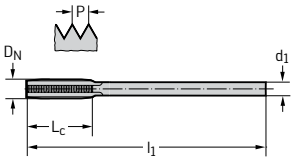


M	7G	
DIN 13		

	P	M	K	N	S	H	O
TIN	●●						

AMB-NORM

Designation TIN	D_N	P mm	l_1 mm	L_c mm	d_1 h12 mm	N
2084805-M6	M 6	1	271	24	4,6	5
2084805-M8	M 8	1,25	271	30	6,1	5
2084805-M10	M 10	1,5	271	36	8	5



Cylindrical shank

MAS 14, T-STAR 10

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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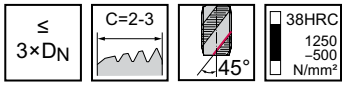
HSS-E PM machine taps

mm

Paradur® Eco Plus



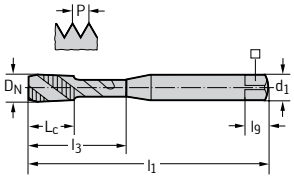

– For long-chipping materials



M	6HX	
DIN 13		

	P	M	K	N	S	H	O
THL	●●	●●	●●	●●			
TIN	●●	●●	●●	●●			

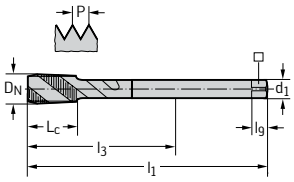
~DIN 371



Parallel shank

Designation THL	Designation TIN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2051302-M2	EP2051305-M2	M 2	0,4	45	4	7,6	2,8	2,1	5	3
EP2051302-M2.5	EP2051305-M2.5	M 2.5	0,45	50	4	9,3	2,8	2,1	5	3
EP2051302-M3	EP2051305-M3	M 3	0,5	56	6	11	3,5	2,7	6	3
EP2051302-M4	EP2051305-M4	M 4	0,7	63	7	14,8	4,5	3,4	6	3
EP2051302-M5	EP2051305-M5	M 5	0,8	70	8	20,7	6	4,9	8	3
EP2051302-M6	EP2051305-M6	M 6	1	80	10	25	6	4,9	8	3
EP2051302-M8	EP2051305-M8	M 8	1,25	90	12	35	8	6,2	9	3
EP2051302-M10	EP2051305-M10	M 10	1,5	100	15	39	10	8	11	3

DIN 376



Parallel shank

Designation THL	Designation TIN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2056302-M12	EP2056305-M12	M 12	1,75	110	16	83	9	7	10	4
EP2056302-M14	EP2056305-M14	M 14	2	110	20	81	11	9	12	4
EP2056302-M16	EP2056305-M16	M 16	2	110	20	68	12	9	12	4
EP2056302-M18	EP2056305-M18	M 18	2,5	125	25	81	14	11	14	4
EP2056302-M20	EP2056305-M20	M 20	2,5	140	25	95	16	12	15	4
EP2056302-M24	EP2056305-M24	M 24	3	160	30	113	18	14,5	17	4
EP2056302-M27		M 27	3	160	30	97	20	16	19	4
EP2056302-M30		M 30	3,5	180	35	115	22	18	21	4
EP2056302-M36		M 36	4	200	40	131	28	22	25	4
EP2056302-M42		M 42	4,5	200	45	102	32	24	27	5
EP2056302-M48		M 48	5	250	50	147	36	29	32	5
EP2056302-M56		M 56	5,5	250	55	120	40	32	35	5
EP2056302-M64		M 64	6	315	60	178	50	39	42	6

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E PM machine taps

mm

Paradur® Eco Plus



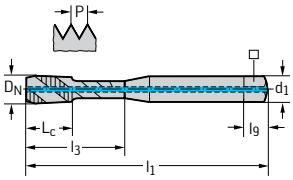

– For long-chipping materials

M DIN 13	6HX	



	P	M	K	N	S	H	O
THL	●●	●●	●●	●●			

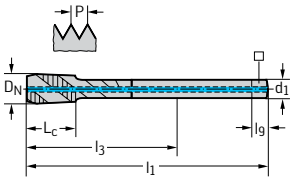
~DIN 371



Parallel shank

Designation THL	DN	P mm	l1 mm	lc mm	l3 mm	d1 h9 mm	□ mm	l9 mm	N
EP2051312-M4	M 4	0,7	63	7	14,8	4,5	3,4	6	3
EP2051312-M5	M 5	0,8	70	8	20,7	6	4,9	8	3
EP2051312-M6	M 6	1	80	10	25	6	4,9	8	3
EP2051312-M8	M 8	1,25	90	12	35	8	6,2	9	3
EP2051312-M10	M 10	1,5	100	15	39	10	8	11	3

DIN 376



Parallel shank

Designation THL	DN	P mm	l1 mm	lc mm	l3 mm	d1 h9 mm	□ mm	l9 mm	N
EP2056312-M12	M 12	1,75	110	16	83	9	7	10	4
EP2056312-M16	M 16	2	110	20	68	12	9	12	4
EP2056312-M20	M 20	2,5	140	25	95	16	12	15	4
EP2056312-M24	M 24	3	160	30	113	18	14,5	17	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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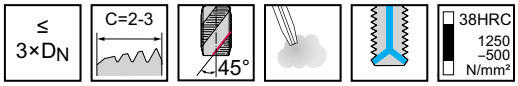
HSS-E PM machine taps

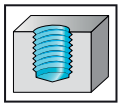
mm

Paradur® Eco Plus



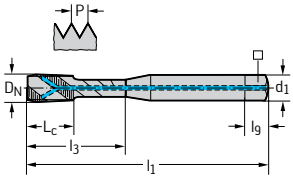
– For long-chipping materials



M DIN 13	6HX	

	P	M	K	N	S	H	O
THL	●●	●●	●●	●●			

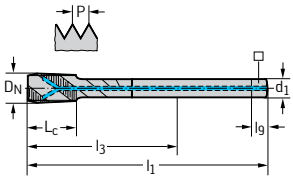
DIN 371



Parallel shank

Designation THL	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2051342-M8	M 8	1,25	90	12	35	8	6,2	9	3
EP2051342-M10	M 10	1,5	100	15	39	10	8	11	3

DIN 376



Parallel shank

Designation THL	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2056342-M12	M 12	1,75	110	16	83	9	7	10	4
EP2056342-M16	M 16	2	110	20	68	12	9	12	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = 😊 → Average = 😐 → Poor = ☹ machining conditions

😊 😐 ☹ / ★ = New addition to the product range

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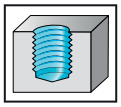
HSS-E PM machine taps

mm

Paradur® Eco Plus



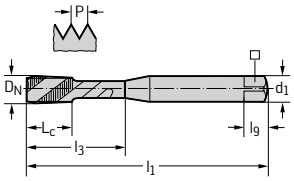
– For long-chipping materials

M DIN 13	6HX	

≤ 3×D_N	C=2-3	LH	45°	38HRC 1250 –500 N/mm²

	P	M	K	N	S	H	O
THL	●●	●●	●●	●●			

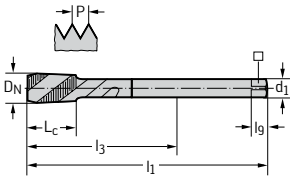
~DIN 371



Parallel shank

Designation THL	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2051382-M3	M 3	0,5	56	6	11	3,5	2,7	6	3
EP2051382-M4	M 4	0,7	63	7	14,8	4,5	3,4	6	3
EP2051382-M5	M 5	0,8	70	8	20,7	6	4,9	8	3
EP2051382-M6	M 6	1	80	10	25	6	4,9	8	3
EP2051382-M8	M 8	1,25	90	12	35	8	6,2	9	3
EP2051382-M10	M 10	1,5	100	15	39	10	8	11	3

DIN 376



Parallel shank

Designation THL	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2056382-M12	M 12	1,75	110	16	83	9	7	10	4
EP2056382-M14	M 14	2	110	20	81	11	9	12	4
EP2056382-M16	M 16	2	110	20	68	12	9	12	4
EP2056382-M18	M 18	2,5	125	25	81	14	11	14	4
EP2056382-M20	M 20	2,5	140	25	95	16	12	15	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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HSS-E PM machine taps

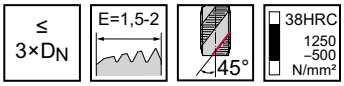
mm

Paradur® Eco Plus



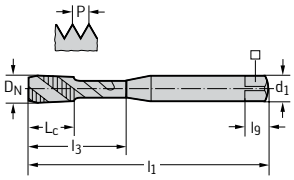

– For long-chipping materials

M	6HX	
DIN 13		



	P	M	K	N	S	H	O
THL	●●	●●	●●	●●			

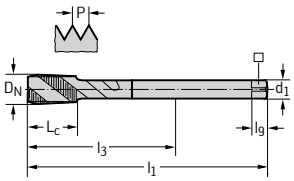
~DIN 371



Parallel shank

Designation THL	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2051362-M4	M 4	0,7	63	7	14,8	4,5	3,4	6	3
EP2051362-M5	M 5	0,8	70	8	20,7	6	4,9	8	3
EP2051362-M6	M 6	1	80	10	25	6	4,9	8	3
EP2051362-M8	M 8	1,25	90	12	35	8	6,2	9	4
EP2051362-M10	M 10	1,5	100	15	39	10	8	11	4

DIN 376



Parallel shank

Designation THL	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2056362-M12	M 12	1,75	110	16	83	9	7	10	4
EP2056362-M16	M 16	2	110	20	68	12	9	12	4
EP2056362-M20	M 20	2,5	140	25	95	16	12	15	4
EP2056362-M24	M 24	3	160	30	113	18	14,5	17	5

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E PM machine taps

mm

Paradur® Eco Plus



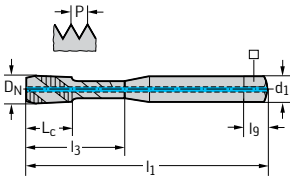

– For long-chipping materials

M	6HX	
DIN 13		



	P	M	K	N	S	H	O
THL	●●	●●	●●	●●			

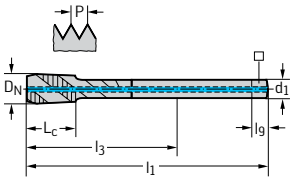
~DIN 371



Parallel shank

Designation THL	DN	P mm	l1 mm	lc mm	l3 mm	d1 h9 mm	□ mm	l9 mm	N
EP2051352-M4	M 4	0,7	63	7	14,8	4,5	3,4	6	3
EP2051352-M5	M 5	0,8	70	8	20,7	6	4,9	8	3
EP2051352-M6	M 6	1	80	10	25	6	4,9	8	3
EP2051352-M8	M 8	1,25	90	12	35	8	6,2	9	4
EP2051352-M10	M 10	1,5	100	15	39	10	8	11	4

DIN 376



Parallel shank

Designation THL	DN	P mm	l1 mm	lc mm	l3 mm	d1 h9 mm	□ mm	l9 mm	N
EP2056352-M12	M 12	1,75	110	16	83	9	7	10	4
EP2056352-M16	M 16	2	110	20	68	12	9	12	4
EP2056352-M20	M 20	2,5	140	25	95	16	12	15	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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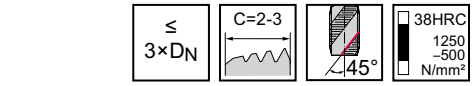
HSS-E PM machine taps

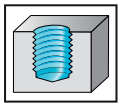
mm

Paradur® Eco Plus



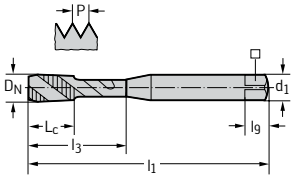
– For long-chipping materials



M	6GX	
DIN 13		

	P	M	K	N	S	H	O
THL	●●	●●	●●	●●			
TIN	●●	●●	●●	●●			

~DIN 371

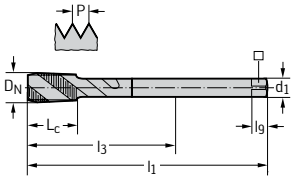


Parallel shank

Designation THL	Designation TIN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2053302-M2	EP2053305-M2	M 2	0,4	45	4	7,6	2,8	2,1	5	3
EP2053302-M2.5	EP2053305-M2.5	M 2.5	0,45	50	4	9,3	2,8	2,1	5	3
EP2053302-M3	EP2053305-M3	M 3	0,5	56	6	11	3,5	2,7	6	3
EP2053302-M4	EP2053305-M4	M 4	0,7	63	7	14,8	4,5	3,4	6	3
EP2053302-M5	EP2053305-M5	M 5	0,8	70	8	20,7	6	4,9	8	3
EP2053302-M6	EP2053305-M6	M 6	1	80	10	25	6	4,9	8	3
EP2053302-M8	EP2053305-M8	M 8	1,25	90	12	35	8	6,2	9	3
EP2053302-M10	EP2053305-M10	M 10	1,5	100	15	39	10	8	11	3

≤ M 2.5: Without thread taper

DIN 376



Parallel shank

Designation THL	Designation TIN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2058302-M12	EP2058305-M12	M 12	1,75	110	16	83	9	7	10	4
EP2058302-M14	EP2058305-M14	M 14	2	110	20	81	11	9	12	4
EP2058302-M16	EP2058305-M16	M 16	2	110	20	68	12	9	12	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

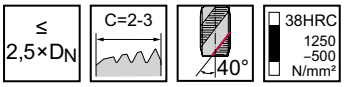
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HSS-E machine taps

TD117 Advance mm

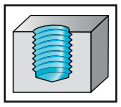
Thread·tec™ Omni





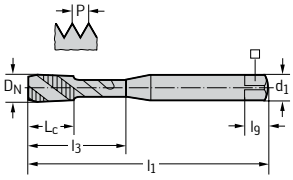
– Universal taps

M	6HX	
DIN 13		



	P	M	K	N	S	H	O
WY80AA	●●	●	●●	●			
WY80FC	●●	●●	●●	●●			
WY80RG	●	●●	●	●●			

DIN 371

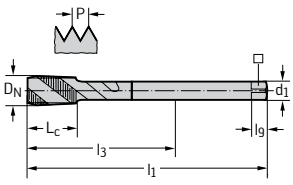


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80FC	WY80RG
TD117-M1.6-C0-	M 1.6	0,35	40	6	6	2,5	2,1	5	3		☹	
TD117-M1.7-C0-	M 1.7	0,35	40	6	6	2,5	2,1	5	3		☹	
TD117-M1.8-C0-	M 1.8	0,35	40	6	6	2,5	2,1	5	3		☹	
TD117-M2-C0-	M 2	0,4	45	4	9	2,8	2,1	5	3	☹	☹	
TD117-M2.5-C0-	M 2.5	0,45	50	4	12,5	2,8	2,1	5	3	☹	☹	
TD117-M3-C0-	M 3	0,5	56	6	18	3,5	2,7	6	3	☹	☹	☹
TD117-M3.5-C0-	M 3.5	0,6	56	6,5	20	4	3	6	3		☹	
TD117-M4-C0-	M 4	0,7	63	7	21	4,5	3,4	6	3	☹	☹	☹
TD117-M4.5-C0-	M 4.5	0,7	70	8	25	6	4,9	8	3		☹	
TD117-M5-C0-	M 5	0,8	70	8	25	6	4,9	8	3	☹	☹	☹
TD117-M6-C0-	M 6	1	80	10	30	6	4,9	8	3	☹	☹	☹
TD117-M7-C0-	M 7	1	80	10	30	7	5,5	8	3		☹	
TD117-M8-C0-	M 8	1,25	90	12	35	8	6,2	9	3	☹	☹	☹
TD117-M10-C0-	M 10	1,5	100	15	39	10	8	11	3	☹	☹	☹

Ordering example for the grade WY80FC: TD117-M1.6-C0-WY80FC

DIN 371



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80FC	WY80RG
TD117-M6-L0-	M 6	1	80	10	59	4,5	3,4	6	3	☹	☹	
TD117-M8-L0-	M 8	1,25	90	12	67	6	4,9	8	3	☹	☹	
TD117-M10-L0-	M 10	1,5	100	15	39	10	8	11	3	☹	☹	
TD117-M12-L0-	M 12	1,75	110	16	83	9	7	10	4	☹	☹	☹
TD117-M14-L0-	M 14	2	110	20	81	11	9	12	4		☹	
TD117-M16-L0-	M 16	2	110	20	68	12	9	12	4	☹	☹	☹
TD117-M18-L0-	M 18	2,5	125	25	81	14	11	14	4		☹	
TD117-M20-L0-	M 20	2,5	140	25	95	16	12	15	4	☹	☹	☹
TD117-M22-L0-	M 22	2,5	140	25	93	18	14,5	17	4		☹	
TD117-M24-L0-	M 24	3	160	30	113	18	14,5	17	4	☹	☹	☹
TD117-M27-L0-	M 27	3	160	30	97	20	16	19	5		☹	
TD117-M30-L0-	M 30	3,5	180	35	115	22	18	21	5	☹	☹	
TD117-M33-L0-	M 33	3,5	180	35	113	25	20	23	5		☹	
TD117-M36-L0-	M 36	4	200	40	131	28	22	25	5		☹	
TD117-M42-L0-	M 42	4,5	200	45	102	32	24	27	5		☹	

Ordering example for the grade WY80AA: TD117-M10-L0-WY80AA

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

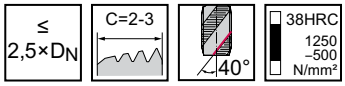
HSS-E machine taps

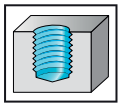
TD117 Advance mm

Thread·tec™ Omni



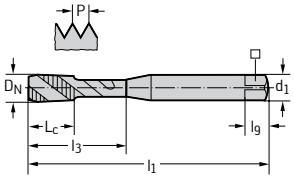
– Universal taps



M DIN 13	6GX	

	P	M	K	N	S	H	O
WY80AA	●●	●	●●	●			
WY80FC	●●	●●	●●	●●			

DIN 371



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80FC
TD117-M3-E0-	M 3	0,5	56	6	18	3,5	2,7	6	3	☹	☹
TD117-M4-E0-	M 4	0,7	63	7	21	4,5	3,4	6	3	☹	☹
TD117-M5-E0-	M 5	0,8	70	8	25	6	4,9	8	3	☹	☹
TD117-M6-E0-	M 6	1	80	10	30	6	4,9	8	3	☹	☹
TD117-M8-E0-	M 8	1,25	90	12	35	8	6,2	9	3	☹	☹
TD117-M10-E0-	M 10	1,5	100	15	39	10	8	11	3	☹	☹

Ordering example for the grade WY80AA: TD117-M10-E0-WY80AA

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E machine taps

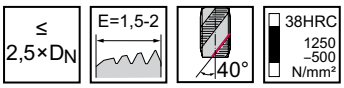
TD117 Advance mm

Thread·tec™ Omni



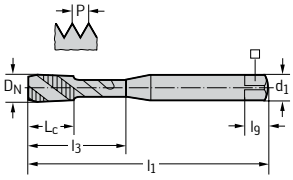
– Universal taps

M	6HX	
DIN 13		



	P	M	K	N	S	H	O
WY80FC	●●	●●	●●	●●			
WY80RG	●	●●	●	●●			

DIN 371

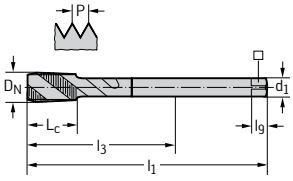


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80FC	WY80RG
TD117-M3-CE-	M 3	0,5	56	6	18	3,5	2,7	6	3	☹	☹
TD117-M4-CE-	M 4	0,7	63	7	21	4,5	3,4	6	3	☹	☹
TD117-M5-CE-	M 5	0,8	70	8	25	6	4,9	8	3	☹	☹
TD117-M6-CE-	M 6	1	80	10	30	6	4,9	8	3	☹	☹
TD117-M8-CE-	M 8	1,25	90	12	35	8	6,2	9	3	☹	☹
TD117-M10-CE-	M 10	1,5	100	15	39	10	8	11	3	☹	

Ordering example for the grade WY80FC: TD117-M10-CE-WY80FC

DIN 371



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80RG
TD117-M10-CE-	M 10	1,5	100	15	39	10	8	11	3	☹
TD117-M12-LE-	M 12	1,75	110	16	83	9	7	10	4	☹
TD117-M16-LE-	M 16	2	110	20	68	12	9	12	4	☹
TD117-M20-LE-	M 20	2,5	140	25	95	16	12	15	4	☹
TD117-M24-LE-	M 24	3	160	30	113	18	14,5	17	4	☹

Ordering example for the grade WY80RG: TD117-M10-CE-WY80RG

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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HSS-E machine taps

TD117 Advance mm

Thread·tec™ Omni



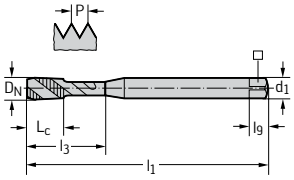
– Universal taps

M	6HX	
DIN 13		

≤ 2,5×D_N	C=2-3	XL l_1	40°	38HRC 1250 –500 N/mm²

	P	M	K	N	S	H	O
WY80RG	●	●●	●	●●			

DIN2184R-X

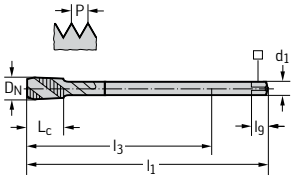


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80RG
TD117-M4-CH-	M 4	0,7	125	7	21	4,5	3,4	6	3	☹
TD117-M5-CH-	M 5	0,8	140	8	25	6	4,9	8	3	☹
TD117-M6-CH-	M 6	1	160	10	30	6	4,9	8	3	☹

Ordering example for the grade WY80RG: TD117-M4-CH-WY80RG

DIN2184T-X



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80RG
TD117-M8-LH-	M 8	1,25	180	12	157	6	4,9	8	3	☹
TD117-M10-LH-	M 10	1,5	200	15	177	7	5,5	8	3	☹
TD117-M12-LH-	M 12	1,75	220	16	193	9	7	10	4	☹
TD117-M16-LH-	M 16	2	220	20	178	12	9	12	4	☹
TD117-M20-LH-	M 20	2,5	280	25	235	16	12	15	4	☹

Ordering example for the grade WY80RG: TD117-M10-LH-WY80RG

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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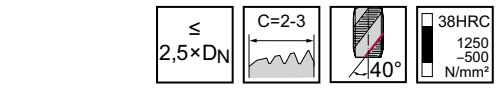
HSS-E machine taps

TD117 Advance inch

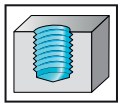
Thread·tec™ Omni



– Universal taps

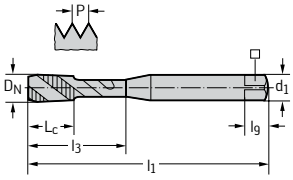


DIN ANSI | M DIN 13 | 6HX



	P	M	K	N	S	H	O
WY80FC	●●	●●	●●	●●			
WY80RG	●	●●	●	●●			

DIN-ANSI

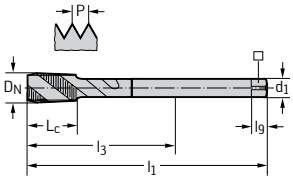


Designation	D_N-P	D_N inch	P inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80FC	WY80RG
TD117.M3-C0-	M 3	0,118	0,020	2,205	0,236	0,709	0,141	0,110	0,19	3	●●	●●
TD117.M4-C0-	M 4	0,157	0,028	2,48	0,276	0,827	0,168	0,131	0,250	3	●●	●●
TD117.M5-C0-	M 5	0,197	0,031	2,756	0,315	0,984	0,194	0,152	0,250	3	●●	●●
TD117.M6-C0-	M 6	0,236	0,039	3,150	0,394	1,181	0,255	0,191	0,313	3	●●	●●
TD117.M8-C0-	M 8	0,315	0,049	3,543	0,472	1,378	0,318	0,238	0,380	3	●●	●●
TD117.M10-C0-	M 10	0,394	0,059	3,937	0,591	1,535	0,381	0,286	0,437	3	●●	●●

Ordering example for the grade WY80FC: TD117.M10-C0-WY80FC

C1

DIN-ANSI



Designation	D_N-P	D_N inch	P inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80FC	WY80RG
TD117.M12-L0-	M 12	0,472	0,069	4,331	0,630	3,224	0,367	0,275	0,437	4	●●	●●
TD117.M16-L0-	M 16	0,630	0,079	4,331	0,787	2,587	0,480	0,360	0,563	4	●●	●●
TD117.M20-L0-	M 20	0,787	0,098	5,512	0,984	3,641	0,652	0,489	0,69	4	●●	●●

Ordering example for the grade WY80FC: TD117.M12-L0-WY80FC

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

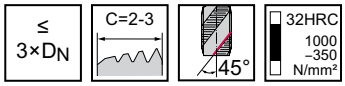
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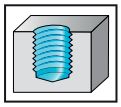
HSS-E machine taps

TC115 Perform mm



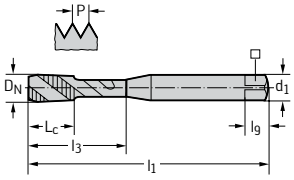

– For long-chipping materials



M	ISO2/6H	
DIN 13		

	P	M	K	N	S	H	O
WY80AA	●●	●●	●●	●			

DIN 371

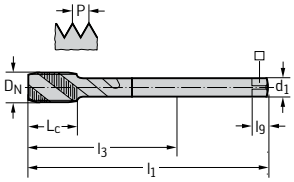


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA
TC115-M1.6-C0-	M 1.6	0,35	40	6	6	2,5	2,1	5	2	
TC115-M2-C0-	M 2	0,4	45	4	9	2,8	2,1	5	3	
TC115-M2.5-C0-	M 2.5	0,45	50	4	12,5	2,8	2,1	5	3	
TC115-M3-C0-	M 3	0,5	56	6	18	3,5	2,7	6	3	
TC115-M4-C0-	M 4	0,7	63	7	21	4,5	3,4	6	3	
TC115-M5-C0-	M 5	0,8	70	8	25	6	4,9	8	3	
TC115-M6-C0-	M 6	1	80	10	30	6	4,9	8	3	
TC115-M8-C0-	M 8	1,25	90	12	35	8	6,2	9	3	
TC115-M10-C0-	M 10	1,5	100	15	39	10	8	11	3	

Ordering example for the grade WY80AA: TC115-M1.6-C0-WY80AA

DIN 376



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA
TC115-M12-L0-	M 12	1,75	110	16	83	9	7	10	3	
TC115-M14-L0-	M 14	2	110	20	81	11	9	12	3	
TC115-M16-L0-	M 16	2	110	20	68	12	9	12	3	
TC115-M20-L0-	M 20	2,5	140	25	95	16	12	15	4	

Ordering example for the grade WY80AA: TC115-M12-L0-WY80AA

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

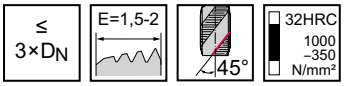
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HSS-E machine taps

TC115 Perform mm



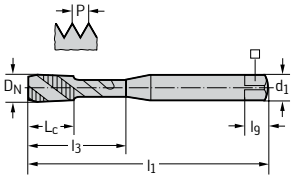

– For long-chipping materials



M	ISO2/6H	
DIN 13		

	P	M	K	N	S	H	O
WY80AA	●●	●●	●●	●			

DIN 371

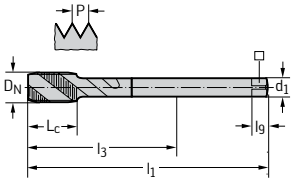


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA
TC115-M3-CE-	M 3	0,5	56	6	18	3,5	2,7	6	3	☹
TC115-M4-CE-	M 4	0,7	63	7	21	4,5	3,4	6	3	☹
TC115-M5-CE-	M 5	0,8	70	8	25	6	4,9	8	3	☹
TC115-M6-CE-	M 6	1	80	10	30	6	4,9	8	3	☹
TC115-M8-CE-	M 8	1,25	90	12	35	8	6,2	9	3	☹
TC115-M10-CE-	M 10	1,5	100	15	39	10	8	11	3	☹

Ordering example for the grade WY80AA: TC115-M10-CE-WY80AA

DIN 376



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA
TC115-M12-LE-	M 12	1,75	110	16	83	9	7	10	3	☹
TC115-M14-LE-	M 14	2	110	20	81	11	9	12	3	☹
TC115-M16-LE-	M 16	2	110	20	68	12	9	12	3	☹
TC115-M20-LE-	M 20	2,5	140	25	95	16	12	15	4	☹

Ordering example for the grade WY80AA: TC115-M12-LE-WY80AA

C1

WALTER SELECT

●● Primary application ● Other application

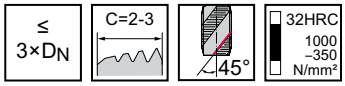
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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HSS-E tap set 1
TC115 Perform



– Universal tap set



M	ISO2/6H	
DIN 13		

	P	M	K	N	S	H	O
WY80AA	●●	●●	●●	●			
WY80FC	●●	●●	●●	●			

Tool

	Designation	D_N	Quantity	WY80AA
	TC115-SET1-M3-M12-	M 3 – M 12	7	☹

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

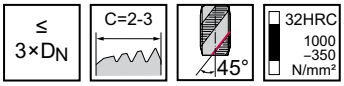
☺ 😐 ☹ / ★ = New addition to the product range

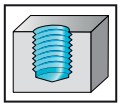
www.isotool.se
Tel. 044 - 24 55 70

HSS-E tap set 2
TC115 Perform



– Universal tap set
– Incl. Core-hole drill



M	ISO2/6H	
DIN 13		

	P	M	K	N	S	H	O
WY80AA	●●	●●	●●	●			
WY80FC	●●	●●	●●	●			

Tool

	Designation	D_N	Sentences Ø mm	Sentences Ø mm	Quantity	WY80AA
	TC115-SET2-M3-M12-	M 3 – M 12	2,5	10,2	14	☹

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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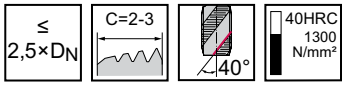
HSS-E machine taps

mm

Paradur® Synchrospeed



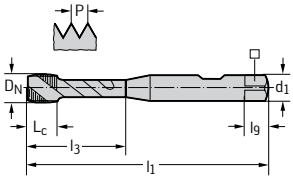
– For long-chipping materials
– Only for synchronous machining (rigid tapping)



M	6HX	
DIN 13		

	P	M	K	N	S	H	O
TIN/VAP	●●	●●	●●	●	●		●
THL	●●	●●	●●	●	●		●

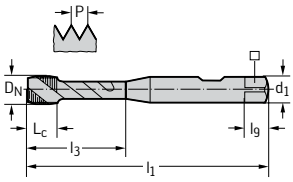
~DIN 371



Parallel shank

Designation THL	Designation TIN/VAP	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N
S2051302-M2	S2051305-M2	M 2	0,4	70	4	7,6	6	4,9	8	3
S2051302-M2.5	S2051305-M2.5	M 2.5	0,45	70	4,5	9,3	6	4,9	8	3
S2051302-M3	S2051305-M3	M 3	0,5	70	5	11	6	4,9	8	3
S2051302-M4	S2051305-M4	M 4	0,7	70	7	14,8	6	4,9	8	3
S2051302-M5	S2051305-M5	M 5	0,8	70	8,5	20,7	6	4,9	8	3
S2051302-M6	S2051305-M6	M 6	1	80	10,5	25	6	4,9	8	3
S2051302-M8	S2051305-M8	M 8	1,25	90	13,5	35	8	6,2	9	3
S2051302-M10	S2051305-M10	M 10	1,5	100	16	39	10	8	11	3

~DIN 376



Parallel shank

Designation THL	Designation TIN/VAP	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N
S2056302-M12	S2056305-M12	M 12	1,75	110	18,5	42	12	9	12	3
S2056302-M14	S2056305-M14	M 14	2	110	21	49	14	11	14	3
S2056302-M16	S2056305-M16	M 16	2	110	21	55	16	12	15	4
S2056302-M20	S2056305-M20	M 20	2,5	140	26,5	95	16	12	15	4
S2056302-M24	S2056305-M24	M 24	3	160	32	97	20	16	19	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E machine taps

mm

Paradur® Synchrospeed



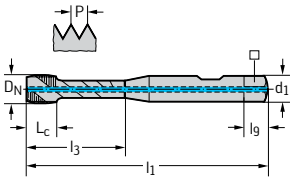
– For long-chipping materials
– Only for synchronous machining (rigid tapping)



M	6HX	
DIN 13		

	P	M	K	N	S	H	O
TIN/VAP	●●	●●	●●	●	●		●
THL	●●	●●	●●	●	●		●

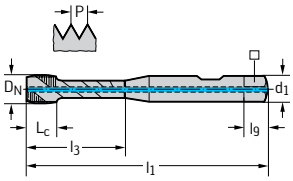
~DIN 371



Parallel shank

Designation THL	Designation TIN/VAP	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N
S2051312-M5	S2051315-M5	M 5	0,8	70	8,5	20,7	6	4,9	8	3
S2051312-M6	S2051315-M6	M 6	1	80	10,5	25	6	4,9	8	3
S2051312-M8	S2051315-M8	M 8	1,25	90	13,5	35	8	6,2	9	3
S2051312-M10	S2051315-M10	M 10	1,5	100	16	39	10	8	11	3

~DIN 376



Parallel shank

Designation THL	Designation TIN/VAP	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N
S2056312-M12	S2056315-M12	M 12	1,75	110	18,5	42	12	9	12	3
S2056312-M14	S2056315-M14	M 14	2	110	21	49	14	11	14	3
S2056312-M16	S2056315-M16	M 16	2	110	21	55	16	12	15	4
S2056312-M20	S2056315-M20	M 20	2,5	140	26,5	95	16	12	15	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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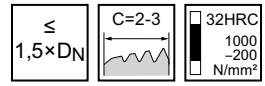
HSS-E machine taps

mm

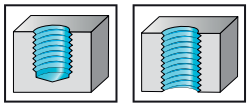
Paradur® H



– For long- and short-chipping materials

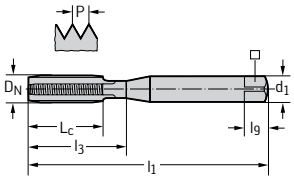


M	ISO2/6H
DIN 13	



	P	M	K	N	S	H	O
TIN			●	●●			●
uncoated			●	●●			●

DIN 371

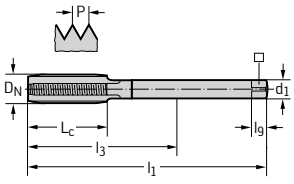


Parallel shank

Designation TIN	Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
	20311-M1	M 1	0,25	40	5	5	2,5	2,1	5	3
	20311-M1.2	M 1.2	0,25	40	5	5	2,5	2,1	5	3
	20311-M1.4	M 1.4	0,3	40	6,5	6,5	2,5	2,1	5	3
	20311-M1.6	M 1.6	0,35	40	7	7	2,5	2,1	5	3
	20311-M1.7	M 1.7	0,35	40	7	7	2,5	2,1	5	3
	20311-M1.8	M 1.8	0,35	40	7	7	2,5	2,1	5	3
	20311-M2	M 2	0,4	45	6	9	2,8	2,1	5	3
	20311-M2.2	M 2.2	0,45	45	7	12	2,8	2,1	5	3
	20311-M2.5	M 2.5	0,45	50	8	12,5	2,8	2,1	5	3
	20311-M2.6	M 2.6	0,45	50	8	12,5	2,8	2,1	5	3
203115-M3	20311-M3	M 3	0,5	56	9	18	3,5	2,7	6	3
203115-M3.5	20311-M3.5	M 3.5	0,6	56	11	20	4	3	6	3
203115-M4	20311-M4	M 4	0,7	63	12	21	4,5	3,4	6	3
203115-M5	20311-M5	M 5	0,8	70	13	25	6	4,9	8	3
203115-M6	20311-M6	M 6	1	80	15	30	6	4,9	8	3
203115-M7		M 7	1	80	15	30	7	5,5	8	3
203115-M8	20311-M8	M 8	1,25	90	18	35	8	6,2	9	3
203115-M10	20311-M10	M 10	1,5	100	20	39	10	8	11	3

≤ M 1.4: 5H
≤ M 1.8: Without reduced neck after the thread

DIN 376



Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
20361-M2	M 2	0,4	45	6	26	1,4	1,1	4	3
20361-M2.5	M 2.5	0,45	50	8	31	1,8	1,4	4	3
20361-M3	M 3	0,5	56	9	37	2,2	1,8	4	3
20361-M4	M 4	0,7	63	12	43	2,8	2,1	5	3
20361-M5	M 5	0,8	70	13	49	3,5	2,7	6	3
20361-M6	M 6	1	80	15	59	4,5	3,4	6	3
20361-M8	M 8	1,25	90	18	67	6	4,9	8	3
20361-M10	M 10	1,5	100	20	77	7	5,5	8	3
20361-M12	M 12	1,75	110	23	83	9	7	10	3
20361-M14	M 14	2	110	25	81	11	9	12	3
20361-M16	M 16	2	110	25	68	12	9	12	3
20361-M18	M 18	2,5	125	30	81	14	11	14	4
20361-M20	M 20	2,5	140	30	95	16	12	15	4
20361-M24	M 24	3	160	36	113	18	14,5	17	4
20361-M27	M 27	3	160	36	97	20	16	19	4
20361-M30	M 30	3,5	180	42	115	22	18	21	4
20361-M33	M 33	3,5	180	42	113	25	20	23	4
20361-M36	M 36	4	200	48	131	28	22	25	4
20361-M42	M 42	4,5	200	54	102	32	24	27	4

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

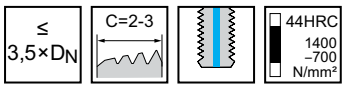
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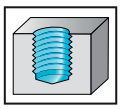
HSS-E machine taps

TC130 Supreme mm



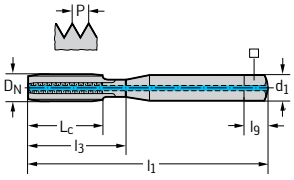
– WY80AA: Good Performance
– WY80EH: Excellent Performance



M DIN 13	6HX	

	P	M	K	N	S	H	O
WY80AA	●●		●●	●			●
WY80EH	●●		●●	●			●

DIN 371

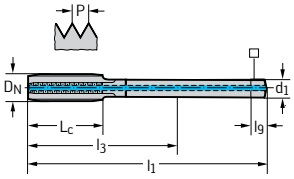


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80EH
TC130-M4-C1-	M 4	0,7	63	12	21	4,5	3,4	6	3	☹	☹
TC130-M5-C1-	M 5	0,8	70	13	25	6	4,9	8	3	☹	☹
TC130-M6-C1-	M 6	1	80	15	30	6	4,9	8	3	☹	☹
TC130-M8-C1-	M 8	1,25	90	18	35	8	6,2	9	3	☹	☹
TC130-M10-C1-	M 10	1,5	100	20	39	10	8	11	3	☹	☹

Ordering example for the grade WY80AA: TC130-M10-C1-WY80AA

DIN 376



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80EH
TC130-M12-L1-	M 12	1,75	110	23	83	9	7	10	3	☹	☹
TC130-M14-L1-	M 14	2	110	25	81	11	9	12	3	☹	
TC130-M16-L1-	M 16	2	110	25	68	12	9	12	3	☹	☹
TC130-M20-L1-	M 20	2,5	140	30	95	16	12	15	3	☹	☹
TC130-M22-L1-	M 22	2,5	140	30	93	18	14,5	17	3	☹	
TC130-M24-L1-	M 24	3	160	36	113	18	14,5	17	4	☹	☹
TC130-M27-L1-	M 27	3	160	36	97	20	16	19	4	☹	
TC130-M30-L1-	M 30	3,5	180	42	115	22	18	21	4	☹	☹
TC130-M36-L1-	M 36	4	200	48	131	28	22	25	5	☹	☹
TC130-M42-L1-	M 42	4,5	200	54	102	32	24	27	5	☹	

Ordering example for the grade WY80AA: TC130-M12-L1-WY80AA

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

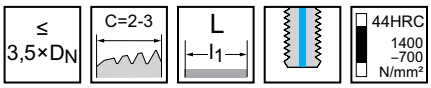
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HSS-E machine taps

TC130 Supreme mm



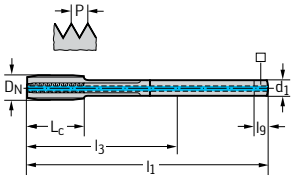
– WY80AA: Good Performance
– WY80EH: Excellent Performance



M	6HX	
DIN 13		

	P	M	K	N	S	H	O
WY80AA	●●		●●	●			●
WY80EH	●●		●●	●			●

~DIN 376 L



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80EH
TC130-M8-LG-	M 8	1,25	110	18	87	6	4,9	8	3	☹	☹
TC130-M10-LG-	M 10	1,5	125	20	102	7	5,5	8	3	☹	☹
TC130-M12-LG-	M 12	1,75	140	23	113	9	7	10	3	☹	☹
TC130-M14-LG-	M 14	2	140	25	111	11	9	12	3	☹	
TC130-M16-LG-	M 16	2	160	25	118	12	9	12	3	☹	☹
TC130-M20-LG-	M 20	2,5	180	30	135	16	12	15	3	☹	☹
TC130-M22-LG-	M 22	2,5	200	30	153	18	14,5	17	3	☹	
TC130-M24-LG-	M 24	3	200	36	153	18	14,5	17	4	☹	☹
TC130-M27-LG-	M 27	3	225	36	162	20	16	19	4	☹	
TC130-M30-LG-	M 30	3,5	250	42	185	22	18	21	4	☹	☹
TC130-M33-LG-	M 33	3,5	275	42	208	25	20	23	4	☹	
TC130-M36-LG-	M 36	4	300	48	231	28	22	25	5	☹	☹
TC130-M42-LG-	M 42	4,5	350	54	252	32	24	27	5	☹	

Ordering example for the grade WY80AA: TC130-M10-LG-WY80AA

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

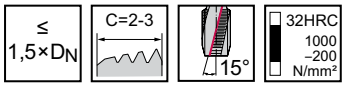
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HSS-E machine taps

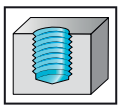
mm

Paradur® N



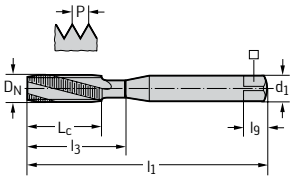


– For long-chipping materials

M	ISO2/6H	
DIN 13		

	P	M	K	N	S	H	O
TICN	●●		●●	●●			
TIN	●●		●●	●●			
uncoated	●●		●●	●●			

DIN 371

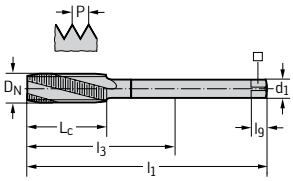


Parallel shank

Designation TICN	Designation TIN	Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
		20410-M2	M 2	0,4	45	4	9	2,8	2,1	5	3
		20410-M2.5	M 2.5	0,45	50	4	12,5	2,8	2,1	5	3
	204105-M3	20410-M3	M 3	0,5	56	6	18	3,5	2,7	6	3
		20410-M3.5	M 3.5	0,6	56	6,5	20	4	3	6	3
2041006-M4	204105-M4	20410-M4	M 4	0,7	63	7	21	4,5	3,4	6	3
2041006-M5	204105-M5	20410-M5	M 5	0,8	70	8	25	6	4,9	8	3
2041006-M6	204105-M6	20410-M6	M 6	1	80	10	30	6	4,9	8	3
		20410-M7	M 7	1	80	10	30	7	5,5	8	3
2041006-M8	204105-M8	20410-M8	M 8	1,25	90	12	35	8	6,2	9	3
2041006-M10	204105-M10	20410-M10	M 10	1,5	100	15	39	10	8	11	3

l_9 dimensions in accordance with DIN 10

DIN 376



Parallel shank

Designation TICN	Designation TIN	Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
		20460-M4	M 4	0,7	63	7	43	2,8	2,1	5	3
		20460-M5	M 5	0,8	70	8	49	3,5	2,7	6	3
		20460-M6	M 6	1	80	10	59	4,5	3,4	6	3
		20460-M8	M 8	1,25	90	13	67	6	4,9	8	3
		20460-M10	M 10	1,5	100	15	77	7	5,5	8	3
2046006-M12	204605-M12	20460-M12	M 12	1,75	110	16	83	9	7	10	3
2046006-M14	204605-M14	20460-M14	M 14	2	110	20	81	11	9	12	3
2046006-M16	204605-M16	20460-M16	M 16	2	110	20	68	12	9	12	3
		20460-M18	M 18	2,5	125	25	81	14	11	14	4
2046006-M20	204605-M20	20460-M20	M 20	2,5	140	25	95	16	12	15	4
		20460-M22	M 22	2,5	140	25	93	18	14,5	17	4
		20460-M24	M 24	3	160	30	113	18	14,5	17	4
		20460-M30	M 30	3,5	180	35	115	22	18	21	4
		20460-M36	M 36	4	200	40	131	28	22	25	4

l_9 dimensions in accordance with DIN 10

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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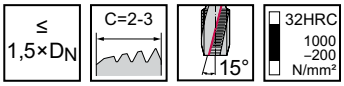
HSS-E machine taps

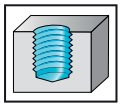
mm

Paradur® N



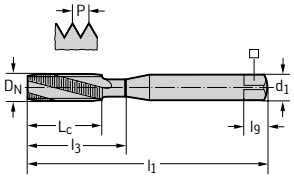
– For long-chipping materials



M	ISO3/6G	
DIN 13		

	P	M	K	N	S	H	O
uncoated	●●		●●	●●			

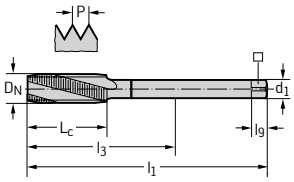
DIN 371



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
20430-M2	M 2	0,4	45	4	9	2,8	2,1	5	3
20430-M2.5	M 2.5	0,45	50	4	12,5	2,8	2,1	5	3
20430-M3	M 3	0,5	56	6	18	3,5	2,7	6	3
20430-M4	M 4	0,7	63	7	21	4,5	3,4	6	3
20430-M5	M 5	0,8	70	8	25	6	4,9	8	3
20430-M6	M 6	1	80	10	30	6	4,9	8	3
20430-M8	M 8	1,25	90	12	35	8	6,2	9	3
20430-M10	M 10	1,5	100	15	39	10	8	11	3

DIN 376



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
20480-M12	M 12	1,75	110	16	83	9	7	10	3

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = 😊 → Average = 😐 → Poor = ☹ machining conditions

😊 😐 ☹ / ★ = New addition to the product range

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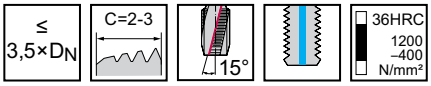
HSS-E machine taps

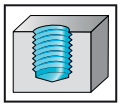
mm

Paradur® NH



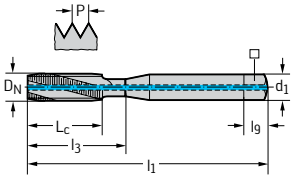
– For long-chipping materials



M	ISO2/6H	
DIN 13		

	P	M	K	N	S	H	O
TIN	●●		●●	●			●
uncoated	●●		●●	●			●

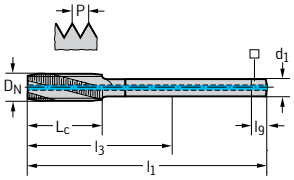
DIN 371



Parallel shank

Designation TIN	Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
2041215-M4		M 4	0,7	63	12	21	4,5	3,4	6	3
2041215-M5		M 5	0,8	70	13	25	6	4,9	8	3
2041215-M6	2041210-M6	M 6	1	80	15	30	6	4,9	8	3
2041215-M8		M 8	1,25	90	18	35	8	6,2	9	3
2041215-M10		M 10	1,5	100	20	39	10	8	11	3

DIN 376



Parallel shank

Designation TIN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
2046215-M12	M 12	1,75	110	23	83	9	7	10	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

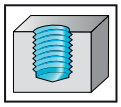
www.isotool.se
Tel. 044 - 24 55 70

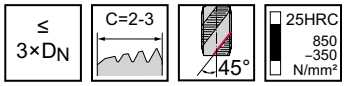
HSS-E-PM machine taps

TC120 Supreme mm



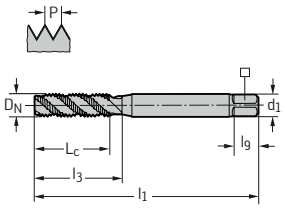
– For long-chipping materials

M DIN 13	6HX	



	P	M	K	N	S	H	O
WW60AG	●●			●			

DIN 371

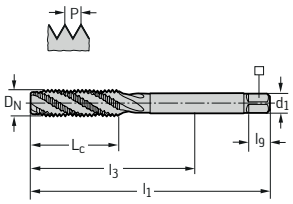


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AG
TC120-M5-C0-	M 5	0,8	70	16,5	25	6	4,9	8	3	☹
TC120-M6-C0-	M 6	1	80	20	30	6	4,9	8	3	☹
TC120-M8-C0-	M 8	1,25	90	26,5	35	8	6,2	9	3	☹
TC120-M10-C0-	M 10	1,5	100	33	39	10	8	11	3	☹

Ordering example for the grade WW60AG: TC120-M10-C0-WW60AG

DIN 376



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AG
TC120-M12-L0-	M 12	1,75	110	39,5	83	9	7	10	4	☹
TC120-M16-L0-	M 16	2	120	52	78	12	9	12	4	☹
TC120-M20-L0-	M 20	2,5	140	65	95	16	12	15	4	☹
TC120-M24-L0-	M 24	3	160	78	113	18	14,5	17	4	☹
TC120-M30-L0-	M 30	3,5	205	97	140	22	18	21	4	☹

Ordering example for the grade WW60AG: TC120-M12-L0-WW60AG

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E-PM machine taps

TC120 Supreme mm



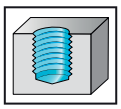
– For long-chipping materials



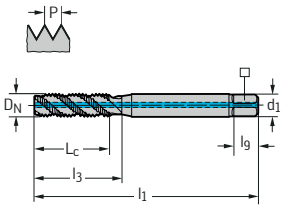
	P	M	K	N	S	H	O
WW60AG	●●			●			

M
DIN 13

6HX



DIN 371

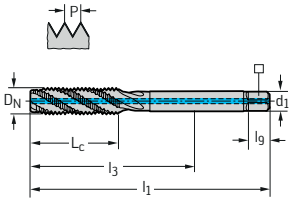


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AG
TC120-M8-C1-	M 8	1,25	90	26,5	35	8	6,2	9	3	☹
TC120-M10-C1-	M 10	1,5	100	33	39	10	8	11	3	☹

Ordering example for the grade WW60AG: TC120-M10-C1-WW60AG

DIN 376



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AG
TC120-M12-L1-	M 12	1,75	110	39,5	83	9	7	10	4	☹
TC120-M16-L1-	M 16	2	120	52	78	12	9	12	4	☹

Ordering example for the grade WW60AG: TC120-M12-L1-WW60AG

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

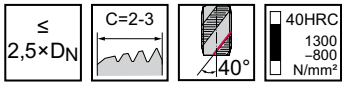
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HSS-E (-PM) machine taps

TC121 Supreme mm

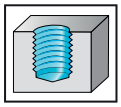


– WW60RG = HSS-E-PM + TiALN
– WY80BD = HSS-E + TiCN



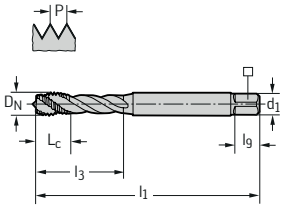
M
DIN 13

6HX



	P	M	K	N	S	H	O
WW60RG	●●	●	●	●			
WY80BD	●●	●	●	●			

DIN 371

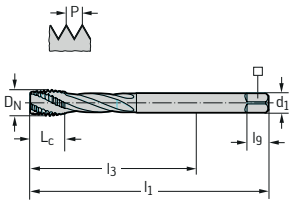


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60RG	WY80BD
TC121-M2-C0-	M 2	0,4	45	4	7,6	2,8	2,1	5	3	☹	
TC121-M3-C0-	M 3	0,5	56	6	11	3,5	2,7	6	3	☹	
TC121-M4-C0-	M 4	0,7	63	7	14,8	4,5	3,4	6	3	☹	☹
TC121-M5-C0-	M 5	0,8	70	8	20,7	6	4,9	8	3	☹	☹
TC121-M6-C0-	M 6	1	80	10	25	6	4,9	8	3	☹	☹
TC121-M8-C0-	M 8	1,25	90	12	35	8	6,2	9	3	☹	☹
TC121-M10-C0-	M 10	1,5	100	15	39	10	8	11	3	☹	☹

Ordering example for the grade WW60RG: TC121-M10-C0-WW60RG

DIN 376



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60RG	WY80BD
TC121-M12-L0-	M 12	1,75	110	16	83	9	7	10	4	☹	☹
TC121-M14-L0-	M 14	2	110	20	81	11	9	12	4	☹	☹
TC121-M16-L0-	M 16	2	110	20	68	12	9	12	4	☹	☹
TC121-M20-L0-	M 20	2,5	140	25	95	16	12	15	4	☹	

Ordering example for the grade WW60RG: TC121-M12-L0-WW60RG

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E (-PM) machine taps

TC121 Supreme mm



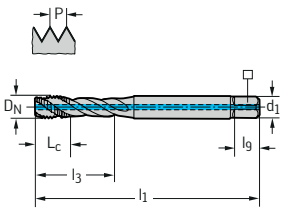
– For long-chipping materials

M DIN 13	6HX	

≤ 2,5×D_N	C=2-3	40°		40HRC 1300 –800 N/mm²

	P	M	K	N	S	H	O
WW60RG	●●	●	●	●			

DIN 371

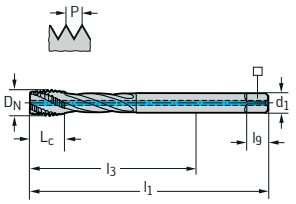


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60RG
TC121-M5-C1-	M 5	0,8	70	8	20,7	6	4,9	8	3	
TC121-M6-C1-	M 6	1	80	10	25	6	4,9	8	3	
TC121-M8-C1-	M 8	1,25	90	12	35	8	6,2	9	3	
TC121-M10-C1-	M 10	1,5	100	15	39	10	8	11	3	

Ordering example for the grade WW60RG: TC121-M10-C1-WW60RG

DIN 376



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60RG
TC121-M12-L1-	M 12	1,75	110	16	83	9	7	10	4	
TC121-M14-L1-	M 14	2	110	20	81	11	9	12	4	

Ordering example for the grade WW60RG: TC121-M12-L1-WW60RG

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

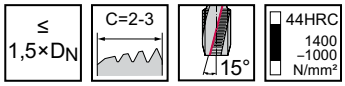
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HSS-E PM machine taps

TC122 Supreme mm



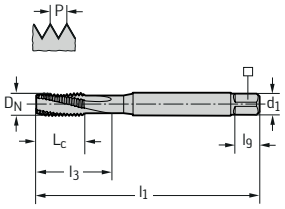
– For long-chipping materials



M	6HX	
DIN 13		

	P	M	K	N	S	H	O
WW60BC	●●		●				

DIN 371

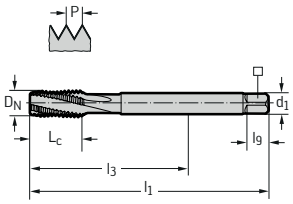


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60BC
TC122-M3-C0-	M 3	0,5	56	10	10	3,5	2,7	6	3	☹
TC122-M4-C0-	M 4	0,7	63	13	13	4,5	3,4	6	3	☹
TC122-M5-C0-	M 5	0,8	70	16	16	6	4,9	8	3	☹
TC122-M6-C0-	M 6	1	80	15	30	6	4,9	8	3	☹
TC122-M8-C0-	M 8	1,25	90	18	35	8	6,2	9	3	☹
TC122-M10-C0-	M 10	1,5	100	20	39	10	8	11	3	☹

Ordering example for the grade WW60BC: TC122-M10-C0-WW60BC

DIN 376



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60BC
TC122-M12-L0-	M 12	1,75	110	23	83	9	7	10	4	☹
TC122-M16-L0-	M 16	2	110	25	68	12	9	12	4	☹
TC122-M20-L0-	M 20	2,5	140	30	95	16	12	15	4	☹

Ordering example for the grade WW60BC: TC122-M12-L0-WW60BC

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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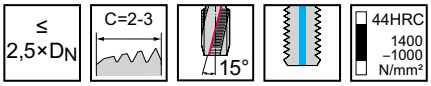
HSS-E PM machine taps

TC122 Supreme mm



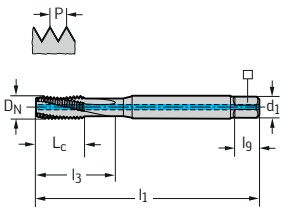
– For long-chipping materials

M	6HX	
DIN 13		



	P	M	K	N	S	H	O
WW60BC	●●		●				

DIN 371

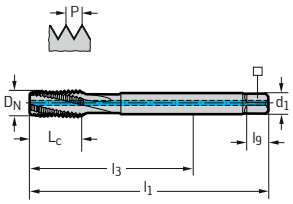


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60BC
TC122-M5-C1-	M 5	0,8	70	16	16	6	4,9	8	3	✖
TC122-M6-C1-	M 6	1	80	15	30	6	4,9	8	3	✖
TC122-M8-C1-	M 8	1,25	90	18	35	8	6,2	9	3	✖
TC122-M10-C1-	M 10	1,5	100	20	39	10	8	11	3	✖

Ordering example for the grade WW60BC: TC122-M10-C1-WW60BC

DIN 376



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60BC
TC122-M12-L1-	M 12	1,75	110	23	83	9	7	10	4	✖
TC122-M14-L1-	M 14	2	110	25	81	11	9	12	4	✖
TC122-M16-L1-	M 16	2	110	25	68	12	9	12	4	✖
TC122-M20-L1-	M 20	2,5	140	30	95	16	12	15	4	✖

Ordering example for the grade WW60BC: TC122-M12-L1-WW60BC

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ✖ machining conditions

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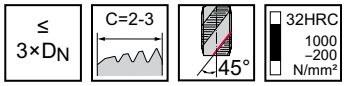
HSS-E machine taps

mm

Paradur® X·pert P



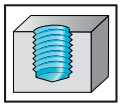
– For long-chipping materials



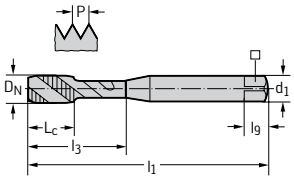
	P	M	K	N	S	H	O
uncoated	●●			●			●

M
DIN 13

ISO1/4H



DIN 371



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
P20509-M2	M 2	0,4	45	4	9	2,8	2,1	5	3
P20509-M2.5	M 2.5	0,45	50	4	12,5	2,8	2,1	5	3
P20509-M3	M 3	0,5	56	6	18	3,5	2,7	6	3
P20509-M4	M 4	0,7	63	7	21	4,5	3,4	6	3
P20509-M5	M 5	0,8	70	8	25	6	4,9	8	3
P20509-M6	M 6	1	80	10	30	6	4,9	8	3
P20509-M7	M 7	1	80	10	30	7	5,5	8	3
P20509-M8	M 8	1,25	90	12	35	8	6,2	9	3
P20509-M10	M 10	1,5	100	15	39	10	8	11	3

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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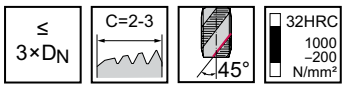
HSS-E machine taps

mm

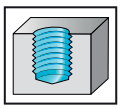
Paradur® X·pert P



– For long-chipping materials

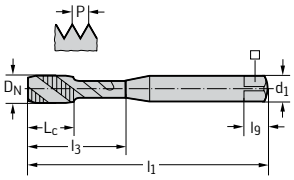


M	ISO2/6H
DIN 13	



	P	M	K	N	S	H	O
TIN	●●			●			●
uncoated	●●			●			●

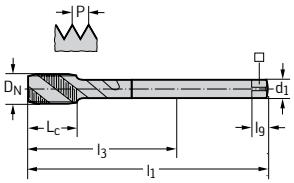
DIN 371



Parallel shank

Designation TIN	Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
	P20519-M1.6	M 1.6	0,35	40	6	6	2,5	2,1	5	2
P2051905-M2	P20519-M2	M 2	0,4	45	4	9	2,8	2,1	5	3
	P20519-M2.2	M 2.2	0,45	45	4	12	2,8	2,1	5	3
P2051905-M2.5	P20519-M2.5	M 2.5	0,45	50	4	12,5	2,8	2,1	5	3
	P20519-M2.6	M 2.6	0,45	50	4	12,5	2,8	2,1	5	3
P2051905-M3	P20519-M3	M 3	0,5	56	6	18	3,5	2,7	6	3
P2051905-M3.5	P20519-M3.5	M 3.5	0,6	56	6,5	20	4	3	6	3
P2051905-M4	P20519-M4	M 4	0,7	63	7	21	4,5	3,4	6	3
	P20519-M4.5	M 4.5	0,75	70	8	25	6	4,9	8	3
P2051905-M5	P20519-M5	M 5	0,8	70	8	25	6	4,9	8	3
P2051905-M6	P20519-M6	M 6	1	80	10	30	6	4,9	8	3
	P20519-M7	M 7	1	80	10	30	7	5,5	8	3
P2051905-M8	P20519-M8	M 8	1,25	90	12	35	8	6,2	9	3
P2051905-M10	P20519-M10	M 10	1,5	100	15	39	10	8	11	3

DIN 376



Parallel shank

Designation TIN	Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
	P20569-M4	M 4	0,7	63	7	43	2,8	2,1	5	3
	P20569-M5	M 5	0,8	70	8	49	3,5	2,7	6	3
	P20569-M6	M 6	1	80	10	59	4,5	3,4	6	3
	P20569-M8	M 8	1,25	90	12	67	6	4,9	8	3
	P20569-M9	M 9	1,25	90	13	67	7	5,5	8	3
	P20569-M10	M 10	1,5	100	15	77	7	5,5	8	3
	P20569-M11	M 11	1,5	100	15	76	8	6,2	9	3
P2056905-M12	P20569-M12	M 12	1,75	110	16	83	9	7	10	3
P2056905-M14	P20569-M14	M 14	2	110	20	81	11	9	12	3
P2056905-M16	P20569-M16	M 16	2	110	20	68	12	9	12	3
P2056905-M18	P20569-M18	M 18	2,5	125	25	81	14	11	14	4
P2056905-M20	P20569-M20	M 20	2,5	140	25	95	16	12	15	4
	P20569-M22	M 22	2,5	140	25	93	18	14,5	17	4
P2056905-M24	P20569-M24	M 24	3	160	30	113	18	14,5	17	4
	P20569-M27	M 27	3	160	30	97	20	16	19	4
P2056905-M30	P20569-M30	M 30	3,5	180	35	115	22	18	21	4
	P20569-M33	M 33	3,5	180	35	113	25	20	23	4
	P20569-M36	M 36	4	200	40	131	28	22	25	4
	P20569-M39	M 39	4	200	40	102	32	24	27	4
	P20569-M42	M 42	4,5	200	45	102	32	24	27	4
	P20569-M45	M 45	4,5	220	45	117	36	29	32	4
	P20569-M48	M 48	5	250	50	147	36	29	32	4
	P20569-M52	M 52	5	250	50	120	40	32	35	5
	P20569-M56	M 56	5,5	250	55	120	40	32	35	5
	P20569-M60	M 60	5,5	280	55	147	45	35	38	5
	P20569-M64	M 64	6	315	60	178	50	39	42	6

C1

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HSS-E machine taps

mm

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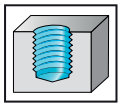


– For long-chipping materials



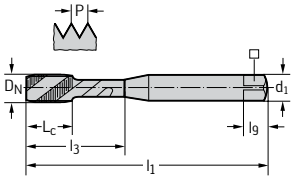
M
DIN 13

ISO2/6H



	P	M	K	N	S	H	O
uncoated	●●			●			●

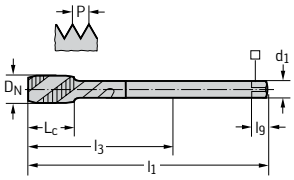
DIN 371



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
P205198-M3	M 3	0,5	56	6	18	3,5	2,7	6	3
P205198-M4	M 4	0,7	63	7	21	4,5	3,4	6	3
P205198-M5	M 5	0,8	70	8	25	6	4,9	8	3
P205198-M6	M 6	1	80	10	30	6	4,9	8	3
P205198-M8	M 8	1,25	90	12	35	8	6,2	9	3
P205198-M10	M 10	1,5	100	15	39	10	8	11	3

DIN 376



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
P205698-M12	M 12	1,75	110	16	83	9	7	10	3
P205698-M14	M 14	2	110	20	81	11	9	12	3
P205698-M16	M 16	2	110	20	68	12	9	12	3
P205698-M20	M 20	2,5	140	25	95	16	12	15	4
P205698-M24	M 24	3	160	30	113	18	14,5	17	4
P205698-M30	M 30	3,5	180	35	115	22	18	21	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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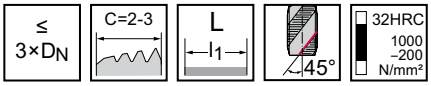
HSS-E machine taps

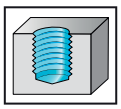
mm

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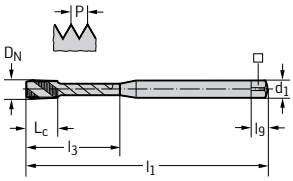

– For long-chipping materials



M	ISO2/6H	
DIN 13		

	P	M	K	N	S	H	O
THL	●●			●			●
uncoated	●●			●			●

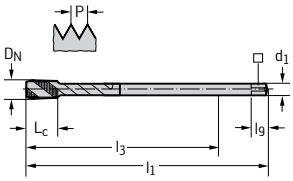
~DIN 371 L



Parallel shank

Designation THL	Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
P2051832-M3	P205183-M3	M 3	0,5	112	6	18	3,5	2,7	6	3
P2051832-M4	P205183-M4	M 4	0,7	112	7	21	4,5	3,4	6	3
P2051832-M5	P205183-M5	M 5	0,8	125	8	25	6	4,9	8	3
P2051832-M6	P205183-M6	M 6	1	125	10	30	6	4,9	8	3
P2051832-M8	P205183-M8	M 8	1,25	140	13	40	8	6,2	9	3
P2051832-M10	P205183-M10	M 10	1,5	160	15	50	10	8	11	3

~DIN 376 L



Parallel shank

Designation THL	Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
P2056832-M8	P205683-M8	M 8	1,25	140	12	117	6	4,9	8	3
P2056832-M10	P205683-M10	M 10	1,5	160	15	137	7	5,5	8	3
P2056832-M12	P205683-M12	M 12	1,75	180	16	153	9	7	10	3
P2056832-M14	P205683-M14	M 14	2	180	20	151	11	9	12	3
P2056832-M16	P205683-M16	M 16	2	200	20	158	12	9	12	3
P2056832-M20	P205683-M20	M 20	2,5	224	25	179	16	12	15	4

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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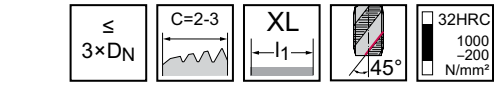
HSS-E machine taps

mm

Paradur® X·pert P

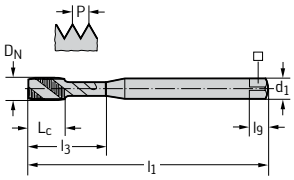


– For long-chipping materials



	P	M	K	N	S	H	O
uncoated	●●			●			●

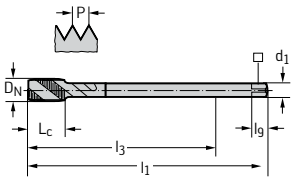
~DIN 371 XL



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
P2051935-M3	M 3	0,5	125	6	18	3,5	2,7	6	3
P2051935-M4	M 4	0,7	125	7	21	4,5	3,4	6	3
P2051935-M5	M 5	0,8	140	8	25	6	4,9	8	3
P2051935-M6	M 6	1	160	10	30	6	4,9	8	3
P2051935-M8	M 8	1,25	180	13	35	8	6,2	9	3
P2051935-M10	M 10	1,5	200	15	39	10	8	11	3

~DIN 376 XL



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
P2056935-M8	M 8	1,25	180	12	157	6	4,9	8	3
P2056935-M10	M 10	1,5	200	15	177	7	5,5	8	3
P2056935-M12	M 12	1,75	220	16	193	9	7	10	3
P2056935-M14	M 14	2	220	20	191	11	9	12	3
P2056935-M16	M 16	2	220	20	178	12	9	12	3
P2056935-M18	M 18	2,5	250	25	206	14	11	14	4
P2056935-M20	M 20	2,5	280	25	235	16	12	15	4

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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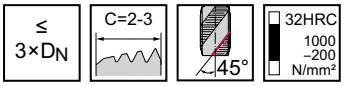
HSS-E machine taps

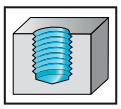
mm

Paradur® X·pert P AZ



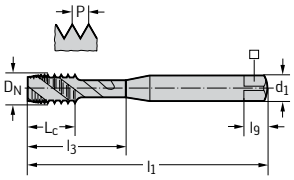
– For long-chipping materials
– For thin-walled workpieces



M	ISO2/6H	
DIN 13		

	P	M	K	N	S	H	O
uncoated	●●			●			●

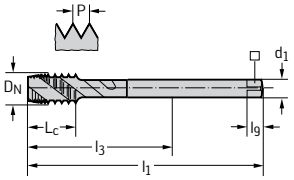
DIN 371



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
P40519-M3	M 3	0,5	56	6	18	3,5	2,7	6	3
P40519-M4	M 4	0,7	63	7	21	4,5	3,4	6	3
P40519-M5	M 5	0,8	70	8	25	6	4,9	8	3
P40519-M6	M 6	1	80	10	30	6	4,9	8	3
P40519-M8	M 8	1,25	90	12	35	8	6,2	9	3
P40519-M10	M 10	1,5	100	15	39	10	8	11	3

DIN 376



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
P40569-M12	M 12	1,75	110	16	83	9	7	10	3

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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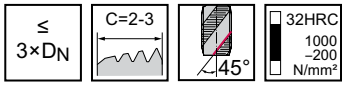
HSS-E machine taps

mm

Paradur® X·pert P

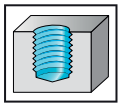



– For long-chipping materials



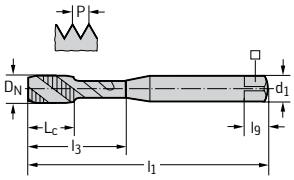
M
DIN 13

ISO3/6G



	P	M	K	N	S	H	O
TIN	●●			●			●
uncoated	●●			●			●

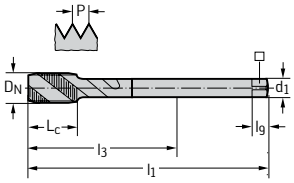
DIN 371



Parallel shank

Designation TIN	Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
	P20539-M2	M 2	0,4	45	4	9	2,8	2,1	5	3
	P20539-M2.3	M 2.3	0,4	45	4	12	2,8	2,1	5	3
P2053905-M2.5	P20539-M2.5	M 2.5	0,45	50	4	12,5	2,8	2,1	5	3
P2053905-M3	P20539-M3	M 3	0,5	56	6	18	3,5	2,7	6	3
	P20539-M3.5	M 3.5	0,6	56	6,5	20	4	3	6	3
P2053905-M4	P20539-M4	M 4	0,7	63	7	21	4,5	3,4	6	3
P2053905-M5	P20539-M5	M 5	0,8	70	8	25	6	4,9	8	3
P2053905-M6	P20539-M6	M 6	1	80	10	30	6	4,9	8	3
P2053905-M8	P20539-M8	M 8	1,25	90	12	35	8	6,2	9	3
P2053905-M10	P20539-M10	M 10	1,5	100	15	39	10	8	11	3

DIN 376



Parallel shank

Designation TIN	Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
	P20589-M5	M 5	0,8	70	8	49	3,5	2,7	6	3
	P20589-M6	M 6	1	80	10	59	4,5	3,4	6	3
	P20589-M8	M 8	1,25	90	12	67	6	4,9	8	3
	P20589-M10	M 10	1,5	100	15	77	7	5,5	8	3
P2058905-M12	P20589-M12	M 12	1,75	110	16	83	9	7	10	3
	P20589-M14	M 14	2	110	20	81	11	9	12	3
P2058905-M16	P20589-M16	M 16	2	110	20	68	12	9	12	3

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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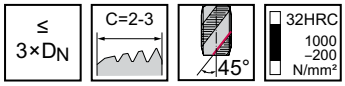
HSS-E machine taps

mm

Paradur® X·pert P



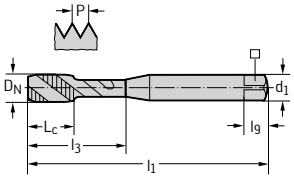

– For long-chipping materials



M	7G	
DIN 13		

	P	M	K	N	S	H	O
TIN	●●			●			●
uncoated	●●			●			●

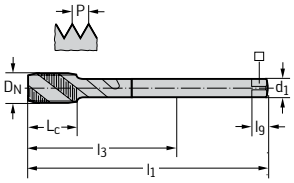
DIN 371



Parallel shank

Designation TIN	Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
	P20549-M2	M 2	0,4	45	4	9	2,8	2,1	5	3
	P20549-M2.5	M 2.5	0,45	50	4	12,5	2,8	2,1	5	3
P2054905-M3	P20549-M3	M 3	0,5	56	6	18	3,5	2,7	6	3
P2054905-M4	P20549-M4	M 4	0,7	63	7	21	4,5	3,4	6	3
P2054905-M5	P20549-M5	M 5	0,8	70	8	25	6	4,9	8	3
P2054905-M6	P20549-M6	M 6	1	80	10	30	6	4,9	8	3
P2054905-M8	P20549-M8	M 8	1,25	90	12	35	8	6,2	9	3
P2054905-M10	P20549-M10	M 10	1,5	100	15	39	10	8	11	3

DIN 376



Parallel shank

Designation TIN	Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
	P20599-M8	M 8	1,25	90	12	67	6	4,9	8	3
	P20599-M10	M 10	1,5	100	15	77	7	5,5	8	3
P2059905-M12	P20599-M12	M 12	1,75	110	16	83	9	7	10	3
P2059905-M16	P20599-M16	M 16	2	110	20	68	12	9	12	3
P2059905-M20	P20599-M20	M 20	2,5	140	25	95	16	12	15	4
P2059905-M24		M 24	3	160	30	113	18	14,5	17	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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HSS-E machine taps

mm

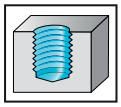
Paradur® Short Chip HT



– No problems working with steel materials: No bird nesting
– THL: Good chip control and good wear resistance

M
DIN 13

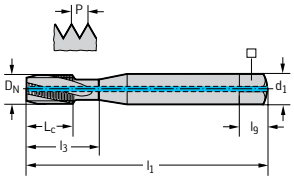
6HX



≤ 3,5×D_N | C=2-3 | 15° | 38HRC 1250 –800 N/mm²

	P	M	K	N	S	H	O
THL	●●		●	●			

DIN 371

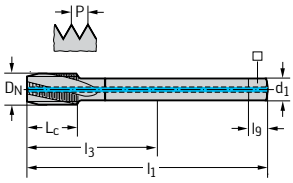


Parallel shank

Designation THL	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
20410T2-M5	M 5	0,8	70	8	25	6	4,9	8	3
20410T2-M6	M 6	1	80	10	30	6	4,9	8	3
20410T2-M8	M 8	1,25	90	12	35	8	6,2	9	3
20410T2-M10	M 10	1,5	100	15	39	10	8	11	3

20410TR: Uncoated rake

DIN 376



Parallel shank

Designation THL	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
20460T2-M12	M 12	1,75	110	16	83	9	7	10	3

20460TR: Uncoated rake

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

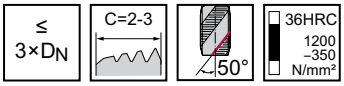
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HSS-E (-PM) machine taps

TC142 Supreme mm



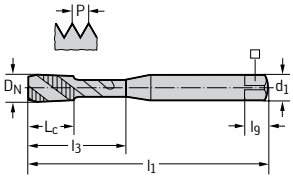
– WY80FC: Best chip control
– WW60RB: Best wear resistance



M	6HX	
DIN 13		

	P	M	K	N	S	H	O
WW60RB	●	●●					
WY80FC	●	●●					

DIN 371

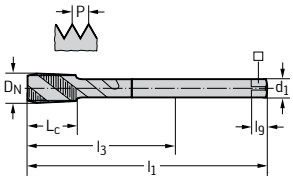


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60RB	WY80FC
TC142-M1.6-C0-	M 1.6	0,35	40	6	6	2,5	2,1	5	2		☹
TC142-M2-C0-	M 2	0,4	45	4	9	2,8	2,1	5	3	☹	☹
TC142-M2.3-C0-	M 2.3	0,4	45	4	12	2,8	2,1	5	3		☹
TC142-M2.5-C0-	M 2.5	0,45	50	4	12,5	2,8	2,1	5	3		☹
TC142-M2.6-C0-	M 2.6	0,45	50	4	12,5	2,8	2,1	5	3		☹
TC142-M3-C0-	M 3	0,5	56	6	18	3,5	2,7	6	3	☹	☹
TC142-M4-C0-	M 4	0,7	63	7	21	4,5	3,4	6	3	☹	☹
TC142-M5-C0-	M 5	0,8	70	8	25	6	4,9	8	3	☹	☹
TC142-M6-C0-	M 6	1	80	10	30	6	4,9	8	3	☹	☹
TC142-M8-C0-	M 8	1,25	90	12	35	8	6,2	9	3	☹	☹
TC142-M10-C0-	M 10	1,5	100	15	39	10	8	11	3	☹	☹

Ordering example for the grade WY80FC: TC142-M1.6-C0-WY80FC

DIN 376



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60RB	WY80FC
TC142-M6-L0-	M 6	1	80	10	59	4,5	3,4	6	3		☹
TC142-M8-L0-	M 8	1,25	90	12	67	6	4,9	8	3		☹
TC142-M10-L0-	M 10	1,5	100	15	77	7	5,5	8	3	☹	☹
TC142-M12-L0-	M 12	1,75	110	16	83	9	7	10	3	☹	☹
TC142-M14-L0-	M 14	2	110	20	81	11	9	12	3	☹	☹
TC142-M16-L0-	M 16	2	110	20	68	12	9	12	4	☹	☹
TC142-M18-L0-	M 18	2,5	125	25	81	14	11	14	4	☹	
TC142-M20-L0-	M 20	2,5	140	25	95	16	12	15	4	☹	☹
TC142-M24-L0-	M 24	3	160	30	113	18	14,5	17	4	☹	☹
TC142-M27-L0-	M 27	3	160	30	97	20	16	19	4		☹
TC142-M30-L0-	M 30	3,5	180	35	115	22	18	21	5		☹
TC142-M33-L0-	M 33	3,5	180	35	113	25	20	23	5		☹
TC142-M36-L0-	M 36	4	200	40	131	28	22	25	5		☹

Ordering example for the grade WW60RB: TC142-M10-L0-WW60RB

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

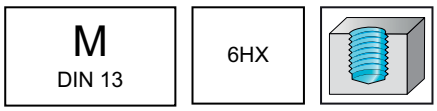
HSS-E machine taps

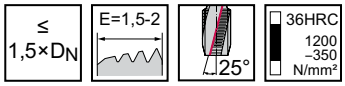
mm

Paradur Inox® 25



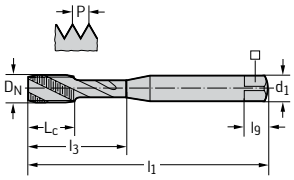
– For long-chipping materials





	P	M	K	N	S	H	O
TIN	●●	●●					

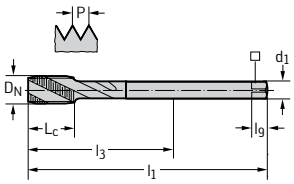
~DIN 371



Parallel shank

Designation TIN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
2051315-M5	M 5	0,8	70	8	19	6	4,9	8	4
2051315-M6	M 6	1	80	10	22	6	4,9	8	4
2051315-M8	M 8	1,25	90	13	28	8	6,2	9	5
2051315-M10	M 10	1,5	100	15	32	10	8	11	5

DIN 376



Parallel shank

Designation TIN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
2056315-M12	M 12	1,75	110	16	83	9	7	10	5
2056315-M14	M 14	2	110	20	81	11	9	12	5
2056315-M16	M 16	2	110	20	68	12	9	12	5
2056315-M20	M 20	2,5	140	25	95	16	12	15	5

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E PM machine taps

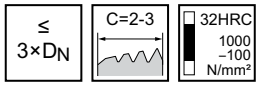
mm

Paradur® Eco CI



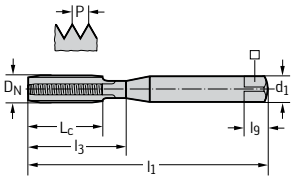
– For short-chipping materials
– Nitrided

M	6HX		
DIN 13			



	P	M	K	N	S	H	O
TICN			●●	●●			●●

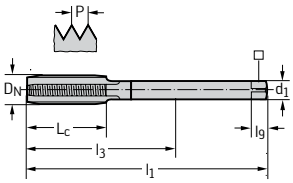
DIN 371



Parallel shank

Designation TICN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
E2031406-M3	M 3	0,5	56	9	18	3,5	2,7	6	3
E2031406-M4	M 4	0,7	63	12	21	4,5	3,4	6	3
E2031406-M5	M 5	0,8	70	13	25	6	4,9	8	4
E2031406-M6	M 6	1	80	15	30	6	4,9	8	4
E2031406-M7	M 7	1	80	15	30	7	5,5	8	4
E2031406-M8	M 8	1,25	90	18	35	8	6,2	9	4
E2031406-M9	M 9	1,25	90	18	35	9	7	10	4
E2031406-M10	M 10	1,5	100	20	39	10	8	11	4

DIN 376



Parallel shank

Designation TICN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
E2036406-M12	M 12	1,75	110	23	83	9	7	10	4
E2036406-M14	M 14	2	110	25	81	11	9	12	4
E2036406-M16	M 16	2	110	25	68	12	9	12	4
E2036406-M18	M 18	2,5	125	30	81	14	11	14	4
E2036406-M20	M 20	2,5	140	30	95	16	12	15	4
E2036406-M22	M 22	2,5	140	30	93	18	14,5	17	4
E2036406-M24	M 24	3	160	36	113	18	14,5	17	5
E2036406-M30	M 30	3,5	180	42	115	22	18	21	5

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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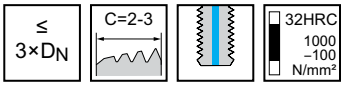
HSS-E PM machine taps

mm

Paradur® Eco CI



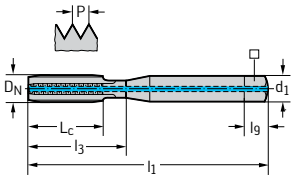
– For short-chipping materials
– Nitrided



M	6HX	
DIN 13		

	P	M	K	N	S	H	O
TICN			●●	●●			●●

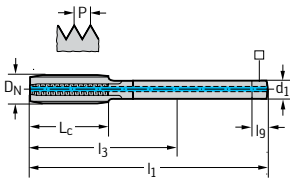
DIN 371



Parallel shank

Designation TICN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
E2031416-M4	M 4	0,7	63	12	21	4,5	3,4	6	3
E2031416-M5	M 5	0,8	70	13	25	6	4,9	8	4
E2031416-M6	M 6	1	80	15	30	6	4,9	8	4
E2031416-M7	M 7	1	80	15	30	7	5,5	8	4
E2031416-M8	M 8	1,25	90	18	35	8	6,2	9	4
E2031416-M10	M 10	1,5	100	20	39	10	8	11	4

DIN 376



Parallel shank

Designation TICN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
E2036416-M12	M 12	1,75	110	23	83	9	7	10	4
E2036416-M14	M 14	2	110	25	81	11	9	12	4
E2036416-M16	M 16	2	110	25	68	12	9	12	4
E2036416-M18	M 18	2,5	125	30	81	14	11	14	4
E2036416-M20	M 20	2,5	140	30	95	16	12	15	4
E2036416-M24	M 24	3	160	36	113	18	14,5	17	5

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E PM machine taps

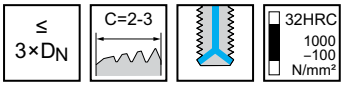
mm

Paradur® Eco CI



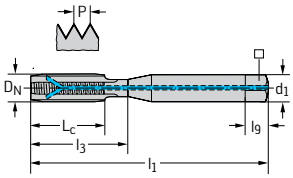
– For short-chipping materials
– Nitrided

M	6HX		
DIN 13			



	P	M	K	N	S	H	O
TICN			●●	●●			●●

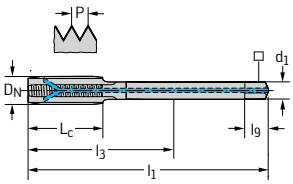
DIN 371



Parallel shank

Designation TICN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
E2031446-M6	M 6	1	80	15	30	6	4,9	8	4
E2031446-M8	M 8	1,25	90	18	35	8	6,2	9	4
E2031446-M10	M 10	1,5	100	20	39	10	8	11	4

DIN 376



Parallel shank

Designation TICN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
E2036446-M12	M 12	1,75	110	23	83	9	7	10	4
E2036446-M16	M 16	2	110	25	68	12	9	12	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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HSS-E PM machine taps

mm

Paradur® Eco CI



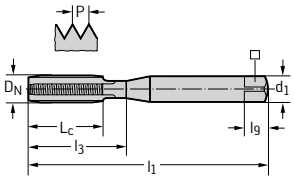

– For short-chipping materials
– Nitrided

M	6HX		
DIN 13			

≤ 3×D_N | E=1,5-2 | 32HRC, 1000 –100 N/mm²

	P	M	K	N	S	H	O
TICN			●●	●●			●●

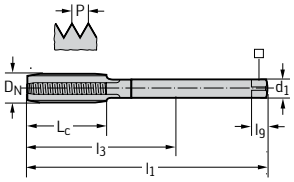
DIN 371



Parallel shank

Designation TICN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
E2031466-M4	M 4	0,7	63	12	21	4,5	3,4	6	3
E2031466-M5	M 5	0,8	70	13	25	6	4,9	8	4
E2031466-M6	M 6	1	80	15	30	6	4,9	8	4
E2031466-M8	M 8	1,25	90	18	35	8	6,2	9	4
E2031466-M10	M 10	1,5	100	20	39	10	8	11	4

DIN 376



Parallel shank

Designation TICN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
E2036466-M12	M 12	1,75	110	23	83	9	7	10	4
E2036466-M16	M 16	2	110	25	68	12	9	12	4
E2036466-M20	M 20	2,5	140	30	95	16	12	15	4
E2036466-M24	M 24	3	160	36	113	18	14,5	17	5

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E PM machine taps

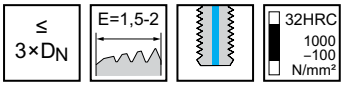
mm

Paradur® Eco CI



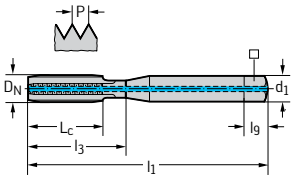
– For short-chipping materials
– Nitrided

M	6HX	
DIN 13		



	P	M	K	N	S	H	O
TICN			●●	●●			●●

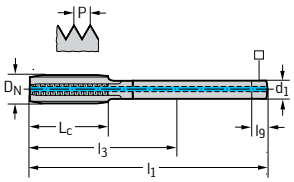
DIN 371



Parallel shank

Designation TICN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
E2031456-M4	M 4	0,7	63	12	21	4,5	3,4	6	3
E2031456-M5	M 5	0,8	70	13	25	6	4,9	8	4
E2031456-M6	M 6	1	80	15	30	6	4,9	8	4
E2031456-M8	M 8	1,25	90	18	35	8	6,2	9	4
E2031456-M10	M 10	1,5	100	20	39	10	8	11	4

DIN 376



Parallel shank

Designation TICN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
E2036456-M12	M 12	1,75	110	23	83	9	7	10	4
E2036456-M16	M 16	2	110	25	68	12	9	12	4
E2036456-M20	M 20	2,5	140	30	95	16	12	15	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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HSS-E PM machine taps

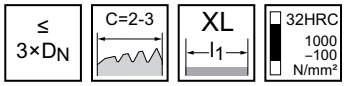
mm

Paradur® Eco CI



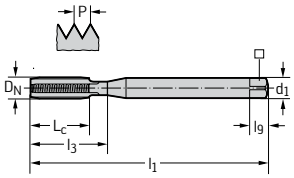
– For short-chipping materials
– Nitrided

M	6HX		
DIN 13			



	P	M	K	N	S	H	O
TICN			●●	●●			●●

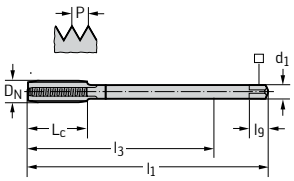
~DIN 371 XL



Parallel shank

Designation TICN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
E2031436-M4	M 4	0,7	125	12	21	4,5	3,4	6	3
E2031436-M5	M 5	0,8	140	13	25	6	4,9	8	4
E2031436-M6	M 6	1	160	15	30	6	4,9	8	4
E2031436-M8	M 8	1,25	180	18	35	8	6,2	9	4
E2031436-M10	M 10	1,5	200	20	39	10	8	11	4

~DIN 376 XL



Parallel shank

Designation TICN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
E2036436-M12	M 12	1,75	220	23	193	9	7	10	4
E2036436-M16	M 16	2	220	25	178	12	9	12	4
E2036436-M20	M 20	2,5	280	30	235	16	12	15	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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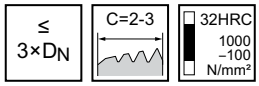
HSS-E PM machine taps

mm

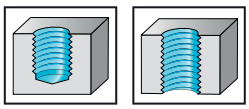
Paradur® X·pert K



– For short-chipping materials

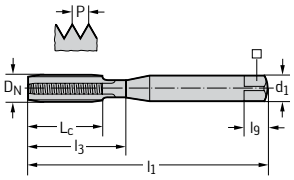


M DIN 13	6HX		



	P	M	K	N	S	H	O
TAFT			●●	●			

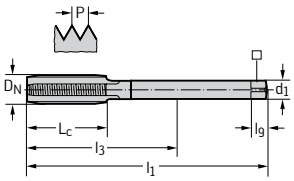
DIN 371



Parallel shank

Designation TAFT	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
K2031407-M3	M 3	0,5	56	9	17	3,5	2,7	6	3
K2031407-M4	M 4	0,7	63	11	19	4,5	3,4	6	3
K2031407-M5	M 5	0,8	70	13	23	6	4,9	8	4
K2031407-M6	M 6	1	80	15	27	6	4,9	8	4
K2031407-M8	M 8	1,25	90	18	31	8	6,2	9	4
K2031407-M10	M 10	1,5	100	20	35	10	8	11	4

DIN 376



Parallel shank

Designation TAFT	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
K2036407-M12	M 12	1,75	110	23	78	9	7	10	4
K2036407-M14	M 14	2	110	25	75	11	9	12	4
K2036407-M16	M 16	2	110	25	62	12	9	12	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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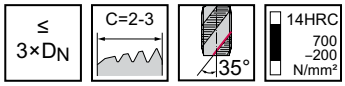
HSS-E machine taps

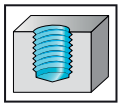
mm

Paradur® X·pert N



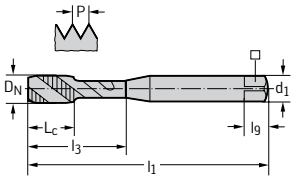
– For long-chipping materials



M DIN 13	ISO2/6H	

	P	M	K	N	S	H	O
uncoated				●●	●		●

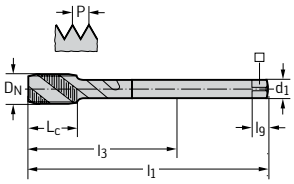
DIN 371



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
N20516-M1.6	M 1.6	0,35	40	6	6	2,5	2,1	5	2
N20516-M2	M 2	0,4	45	4	9	2,8	2,1	5	2
N20516-M2.3	M 2.3	0,4	45	4	12	2,8	2,1	5	2
N20516-M2.5	M 2.5	0,45	50	4	12,5	2,8	2,1	5	2
N20516-M3	M 3	0,5	56	6	18	3,5	2,7	6	2
N20516-M3.5	M 3.5	0,6	56	6,5	20	4	3	6	2
N20516-M4	M 4	0,7	63	7	21	4,5	3,4	6	2
N20516-M5	M 5	0,8	70	8	25	6	4,9	8	2
N20516-M6	M 6	1	80	10	30	6	4,9	8	2
N20516-M8	M 8	1,25	90	12	35	8	6,2	9	2
N20516-M10	M 10	1,5	100	15	39	10	8	11	2

DIN 376



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
N20566-M6	M 6	1	80	10	59	4,5	3,4	6	2
N20566-M8	M 8	1,25	90	12	67	6	4,9	8	2
N20566-M10	M 10	1,5	100	15	77	7	5,5	8	2
N20566-M12	M 12	1,75	110	16	83	9	7	10	3
N20566-M14	M 14	2	110	20	81	11	9	12	3
N20566-M16	M 16	2	110	20	68	12	9	12	3
N20566-M20	M 20	2,5	140	25	95	16	12	15	3

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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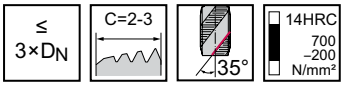
HSS-E machine taps

mm

Paradur® X·pert N



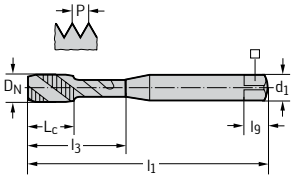
– Increased number of grooves
– For long-chipping materials



M	ISO2/6H	
DIN 13		

	P	M	K	N	S	H	O
uncoated				●●	●		●

DIN 371



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
N205166-M3	M 3	0,5	56	6	18	3,5	2,7	6	3
N205166-M4	M 4	0,7	63	7	21	4,5	3,4	6	3
N205166-M5	M 5	0,8	70	8	25	6	4,9	8	3
N205166-M6	M 6	1	80	10	30	6	4,9	8	3
N205166-M7	M 7	1	80	10	30	7	5,5	8	3
N205166-M8	M 8	1,25	90	12	35	8	6,2	9	3
N205166-M10	M 10	1,5	100	15	39	10	8	11	3

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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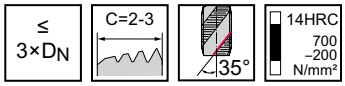
HSS-E machine taps

mm

Paradur® X·pert N



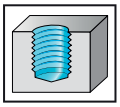
– For long-chipping materials



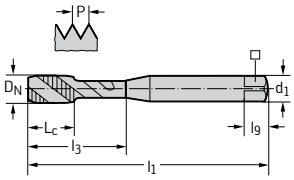
	P	M	K	N	S	H	O
uncoated				●●	●		●

M
DIN 13

ISO3/6G



DIN 371



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
N20536-M2	M 2	0,4	45	4	9	2,8	2,1	5	2
N20536-M2.5	M 2.5	0,45	50	4	12,5	2,8	2,1	5	2
N20536-M3	M 3	0,5	56	6	18	3,5	2,7	6	2
N20536-M4	M 4	0,7	63	7	21	4,5	3,4	6	2
N20536-M5	M 5	0,8	70	8	25	6	4,9	8	2
N20536-M6	M 6	1	80	10	30	6	4,9	8	2
N20536-M8	M 8	1,25	90	12	35	8	6,2	9	2

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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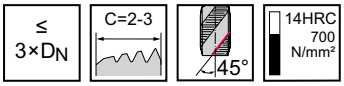
HSS-E machine taps

mm

Paradur® WLM Synchrospeed



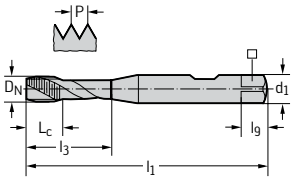
– For long-chipping materials
– Only for synchronous machining (rigid tapping)



M	ISO2/6H	
DIN 13		

	P	M	K	N	S	H	O
CRN	●			●●	●●		●●

~DIN 371



Parallel shank

Designation CRN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N
S2051604-M4	M 4	0,7	70	7	21	6	4,9	8	2
S2051604-M5	M 5	0,8	70	8	25	6	4,9	8	2
S2051604-M6	M 6	1	80	10	30	6	4,9	8	2
S2051604-M8	M 8	1,25	90	12	35	8	6,2	9	2
S2051604-M10	M 10	1,5	100	15	39	10	8	11	2

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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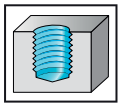
HSS-E PM machine taps

mm

Paradur® Ni



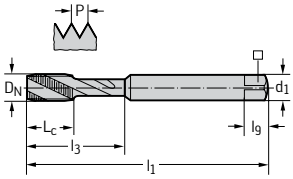
– For long-chipping materials

M DIN 13	4HX	

≤ 1,5×D_N	C=2-3	 25°	44HRC 1400 –700 N/mm²

	P	M	K	N	S	H	O
uncoated	●				●●		

~DIN 371



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
204104-M3	M 3	0,5	56	10	10	3,5	2,7	6	3
204104-M3.5	M 3.5	0,6	56	12	12	4	3	6	3
204104-M4	M 4	0,7	63	13	13	4,5	3,4	6	3
204104-M5	M 5	0,8	70	16	16	6	4,9	8	3
204104-M6	M 6	1	80	15	23	6	4,9	8	3
204104-M8	M 8	1,25	90	18	29,5	8	6,2	9	3
204104-M10	M 10	1,5	100	20	33,5	10	8	11	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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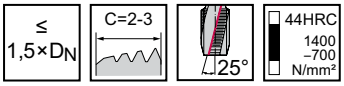
HSS-E PM machine taps

mm

Paradur® Ni



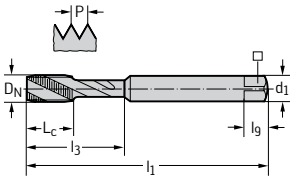
– For long-chipping materials



M	6HX	
DIN 13		

	P	M	K	N	S	H	O
TICN	●				●●		
uncoated	●				●●		

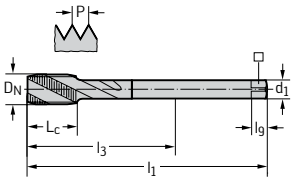
~DIN 371



Parallel shank

Designation TICN	Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
20410206-M2		M 2	0,4	45	8	8	2,8	2,1	5	3
20410206-M2.5		M 2.5	0,45	50	9	30	2,8	2,1	5	3
20410206-M3		M 3	0,5	56	10	35	3,5	2,7	6	3
20410206-M4	204102-M4	M 4	0,7	63	13	42	4,5	3,4	6	3
20410206-M5	204102-M5	M 5	0,8	70	16	16	6	4,9	8	3
20410206-M6	204102-M6	M 6	1	80	15	23	6	4,9	8	3
20410206-M8	204102-M8	M 8	1,25	90	18	29,5	8	6,2	9	3
20410206-M10	204102-M10	M 10	1,5	100	20	33,5	10	8	11	4

DIN 376



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
204602-M12	M 12	1,75	110	23	83	9	7	10	4
204602-M14	M 14	2	110	25	81	11	9	12	4
204602-M16	M 16	2	110	25	68	12	9	12	4
204602-M20	M 20	2,5	140	30	95	16	12	15	5

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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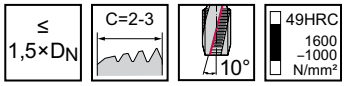
HSS-E PM machine taps

mm

Paradur® Ni 10

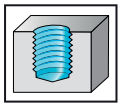


– For long- and short-chipping materials



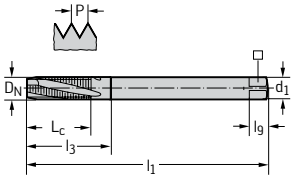
M
DIN 13

6HX



	P	M	K	N	S	H	O
TIN	●●			●	●●		
uncoated	●●			●	●●		

~DIN 371



Parallel shank

Designation TIN	Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
2041015-M3	204101-M3	M 3	0,5	56	8	35	3,5	2,7	6	3
2041015-M4	204101-M4	M 4	0,7	63	10,5	42	4,5	3,4	6	3
2041015-M5	204101-M5	M 5	0,8	70	13	47	6	4,9	8	3
2041015-M6	204101-M6	M 6	1	80	16	57	6	4,9	8	3
2041015-M8	204101-M8	M 8	1,25	90	20,5	66	8	6,2	9	3
2041015-M10	204101-M10	M 10	1,5	100	25,5	72	10	8	11	3
2041015-M12	204101-M12	M 12	1,75	110	30,5	68	12	9	12	4
2041015-M16	204101-M16	M 16	2	110	39,5	65	16	12	15	4

Without reduced neck after the thread

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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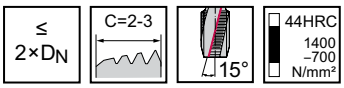
HSS-E PM machine taps

mm

Paradur® Ti



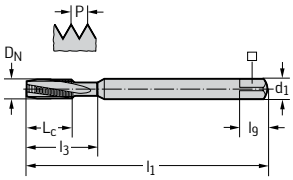
– Recommended with oil
– For long-chipping materials



M	6HX	
DIN 13		

	P	M	K	N	S	H	O
TICN	●●			●	●●		
uncoated	●●			●	●●		

~DIN 371

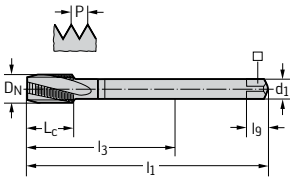


Parallel shank

Designation TICN	Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
	20416-M1	M 1	0,25	40	5	5	2,5	2,1	5	3
	20416-M1.2	M 1.2	0,25	40	5	5	2,5	2,1	5	3
	20416-M1.4	M 1.4	0,3	40	5	5	2,5	2,1	5	3
	20416-M1.6	M 1.6	0,35	40	5	5	2,5	2,1	5	3
	20416-M1.8	M 1.8	0,35	40	5	5	2,5	2,1	5	3
2041606-M2	20416-M2	M 2	0,4	45	8	8	2,8	2,1	5	3
	20416-M2.2	M 2.2	0,45	45	8	8	2,8	2,1	5	3
2041606-M2.5	20416-M2.5	M 2.5	0,45	50	9	9	2,8	2,1	5	3
2041606-M3	20416-M3	M 3	0,5	56	10	10	3,5	2,7	6	3
	20416-M3.5	M 3.5	0,6	56	12	12	4	3	6	3
2041606-M4	20416-M4	M 4	0,7	63	13	13	4,5	3,4	6	3
	20416-M4.5	M 4.5	0,75	70	16	16	6	4,9	8	3
2041606-M5	20416-M5	M 5	0,8	70	16	16	6	4,9	8	3
2041606-M6	20416-M6	M 6	1	80	15	23	6	4,9	8	3
2041606-M8	20416-M8	M 8	1,25	90	18	29,5	8	6,2	9	3
2041606-M10	20416-M10	M 10	1,5	100	20	33,5	10	8	11	3

≤ M 1.4: 5HX

DIN 376



Parallel shank

Designation TICN	Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
2046606-M12	20466-M12	M 12	1,75	110	23	83	9	7	10	4
	20466-M14	M 14	2	110	25	81	11	9	12	4
2046606-M16	20466-M16	M 16	2	110	25	68	12	9	12	4
	20466-M20	M 20	2,5	140	30	95	16	12	15	4
	20466-M24	M 24	3	160	36	113	18	14,5	17	5
	20466-M30	M 30	3,5	180	42	115	22	18	21	5
	20466-M36	M 36	4	200	48	131	28	22	25	5

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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HSS-E PM machine taps

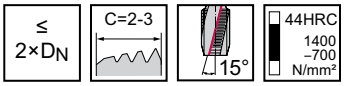
mm

Paradur® Ti Plus



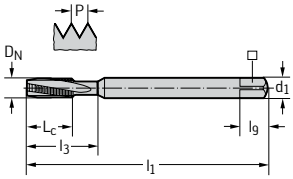
– Recommended with emulsion
– For long-chipping materials

M	6HX	
DIN 13		



	P	M	K	N	S	H	O
ACN					●●		

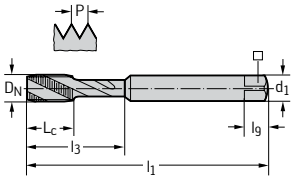
~DIN 371



Parallel shank

Designation ACN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
2041663-M2	M 2	0,4	45	8	8	2,8	2,1	5	3
2041663-M2.5	M 2.5	0,45	50	9	30	2,8	2,1	5	3
2041663-M3	M 3	0,5	56	10	10	3,5	2,7	6	3
2041663-M3.5	M 3.5	0,6	56	12	12	4	3	6	3
2041663-M4	M 4	0,7	63	13	13	4,5	3,4	6	3
2041663-M5	M 5	0,8	70	16	16	6	4,9	8	3
2041663-M6	M 6	1	80	15	23	6	4,9	8	3
2041663-M8	M 8	1,25	90	18	29,5	8	6,2	9	3
2041663-M10	M 10	1,5	100	20	33,5	10	8	11	3

DIN 376



Parallel shank

Designation ACN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
2046663-M12	M 12	1,75	110	23	83	9	7	10	4
2046663-M16	M 16	2	110	25	68	12	9	12	4
2046663-M20	M 20	2,5	140	30	95	16	12	15	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E machine taps

mm

Paradur® Uni

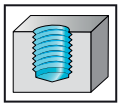


≤ 3×D_N | C=2-3 | 40° | 32HRC 1000 –200 N/mm²

– For long-chipping materials

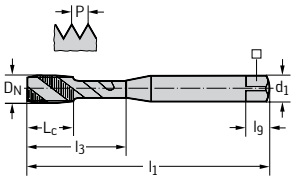
M
DIN 13

ISO2/6H



	P	M	K	N	S	H	O
TIN	●●		●	●			
VAP	●●		●	●			
uncoated	●●		●	●			

DIN 371

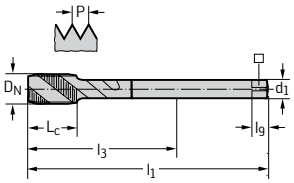


Parallel shank

Designation TIN	Designation VAP	Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
		7051770-M2	M 2	0,4	45	4	9	2,8	2,1	5	3
		7051770-M2.5	M 2.5	0,45	50	4	12,5	2,8	2,1	5	3
7051775-M3	7051773-M3	7051770-M3	M 3	0,5	56	6	18	3,5	2,7	6	3
		7051770-M3.5	M 3.5	0,6	56	6,5	20	4	3	6	3
7051775-M4	7051773-M4	7051770-M4	M 4	0,7	63	7	21	4,5	3,4	6	3
7051775-M5	7051773-M5	7051770-M5	M 5	0,8	70	8	25	6	4,9	8	3
7051775-M6	7051773-M6	7051770-M6	M 6	1	80	10	30	6	4,9	8	3
7051775-M7		7051770-M7	M 7	1	80	10	30	7	5,5	8	3
7051775-M8	7051773-M8	7051770-M8	M 8	1,25	90	12	35	8	6,2	9	3
7051775-M10	7051773-M10	7051770-M10	M 10	1,5	100	15	39	10	8	11	3

l_9 dimensions in accordance with DIN 10

DIN 376



Parallel shank

Designation TIN	Designation VAP	Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
		7056770-M6	M 6	1	80	10	59	4,5	3,4	6	3
		7056770-M8	M 8	1,25	90	12	67	6	4,9	8	3
		7056770-M10	M 10	1,5	100	15	77	7	5,5	8	3
7056775-M12	7056773-M12	7056770-M12	M 12	1,75	110	16	83	9	7	10	3
7056775-M14	7056773-M14	7056770-M14	M 14	2	110	20	81	11	9	12	3
7056775-M16	7056773-M16	7056770-M16	M 16	2	110	20	68	12	9	12	4
7056775-M18		7056770-M18	M 18	2,5	125	25	81	14	11	14	4
7056775-M20		7056770-M20	M 20	2,5	140	25	95	16	12	15	4
		7056770-M22	M 22	2,5	140	25	93	18	14,5	17	4
		7056770-M24	M 24	3	160	30	113	18	14,5	17	4
		7056770-M27	M 27	3	160	30	97	20	16	19	4
		7056770-M30	M 30	3,5	180	35	115	22	18	21	4
		7056770-M33	M 33	3,5	180	35	113	25	20	23	4
		7056770-M36	M 36	4	200	40	131	28	22	25	4

l_9 dimensions in accordance with DIN 10

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

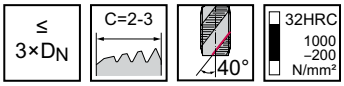
HSS-E machine taps

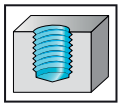
mm

Paradur® Uni



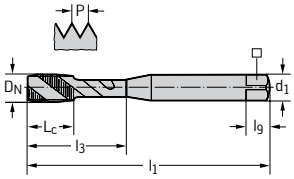
– For long-chipping materials



M	ISO3/6G	
DIN 13		

	P	M	K	N	S	H	O
uncoated	●●		●	●			

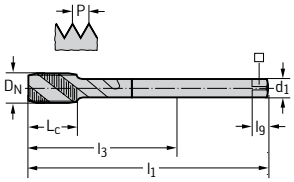
DIN 371



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
7053770-M2	M 2	0,4	45	4	9	2,8	2,1	5	3
7053770-M3	M 3	0,5	56	6	18	3,5	2,7	6	3
7053770-M4	M 4	0,7	63	7	21	4,5	3,4	6	3
7053770-M5	M 5	0,8	70	8	25	6	4,9	8	3
7053770-M6	M 6	1	80	10	30	6	4,9	8	3
7053770-M8	M 8	1,25	90	12	35	8	6,2	9	3
7053770-M10	M 10	1,5	100	15	39	10	8	11	3

DIN 376



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
7058770-M12	M 12	1,75	110	16	83	9	7	10	3
7058770-M16	M 16	2	110	20	68	12	9	12	4
7058770-M20	M 20	2,5	140	25	95	16	12	15	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = 😊 → Average = 😐 → Poor = ☹ machining conditions

😊 😐 ☹ / ★ = New addition to the product range

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HSS-E PM machine taps

mm

Prototex® Eco Plus



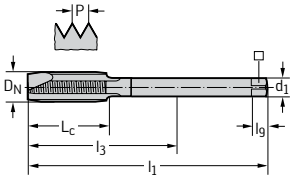
– For long-chipping materials

MF	6HX	
DIN 13		

≤ 3,5×D_N | B=3,5-5 | 42HRC 1350 –500 N/mm²

	P	M	K	N	S	H	O
THL	●●	●●	●●	●●			

DIN 374



Parallel shank

Designation THL	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2126302-M6X0.75	MF 6x0.75	0,75	80	15	59	4,5	3,4	6	3
EP2126302-M8X1	MF 8x1	1	90	18	67	6	4,9	8	3
EP2126302-M10X1	MF 10x1	1	90	20	67	7	5,5	8	3
EP2126302-M10X1.25	MF 10x1.25	1,25	100	20	77	7	5,5	8	3
EP2126302-M12X1	MF 12x1	1	100	21	73	9	7	10	4
EP2126302-M12X1.25	MF 12x1.25	1,25	100	21	73	9	7	10	4
EP2126302-M12X1.5	MF 12x1.5	1,5	100	21	73	9	7	10	4
EP2126302-M14X1.5	MF 14x1.5	1,5	100	21	71	11	9	12	4
EP2126302-M16X1.5	MF 16x1.5	1,5	100	21	58	12	9	12	4
EP2126302-M18X1.5	MF 18x1.5	1,5	110	24	66	14	11	14	4
EP2126302-M20X1.5	MF 20x1.5	1,5	125	24	80	16	12	15	4
EP2126302-M22X1.5	MF 22x1.5	1,5	125	24	78	18	14,5	17	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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HSS-E PM machine taps

mm

Prototex® Eco Plus



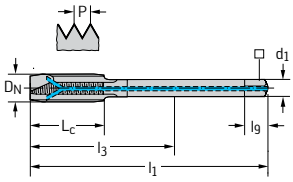
– For long-chipping materials

MF	6HX	
DIN 13		



	P	M	K	N	S	H	O
THL	●●	●●	●●	●●			

DIN 374



Parallel shank

Designation THL	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2126342-M8X1	MF 8x1	1	90	18	67	6	4,9	8	3
EP2126342-M10X1	MF 10x1	1	90	20	67	7	5,5	8	3
EP2126342-M10X1.25	MF 10x1.25	1,25	100	20	77	7	5,5	8	3
EP2126342-M12X1	MF 12x1	1	100	21	73	9	7	10	4
EP2126342-M12X1.25	MF 12x1.25	1,25	100	21	73	9	7	10	4
EP2126342-M12X1.5	MF 12x1.5	1,5	100	21	73	9	7	10	4
EP2126342-M14X1.5	MF 14x1.5	1,5	100	21	71	11	9	12	4
EP2126342-M16X1.5	MF 16x1.5	1,5	100	21	58	12	9	12	4
EP2126342-M18X1.5	MF 18x1.5	1,5	110	24	66	14	11	14	4
EP2126342-M20X1.5	MF 20x1.5	1,5	125	24	80	16	12	15	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E machine taps

TD217 Advance mm

Thread·tec™ Omni

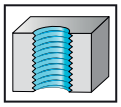



≤ 3×D_N | B=3,5-5 | 38HRC 1250 –350 N/mm²

– Universal taps

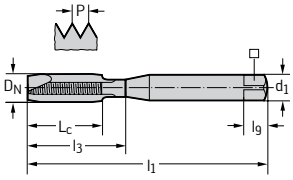
MF
DIN 13

6HX



	P	M	K	N	S	H	O
WY80AA	●●	●	●●	●			
WY80FC	●●	●●	●●	●●			
WY80RG	●	●●	●	●●			

DIN 371



Parallel shank

Designation	D_N-P	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80FC
TD217-M2X0.25-C0-	MF 2x0.25	0,25	45	6	9	2,8	2,1	5	2		☒
TD217-M2.2X.25-C0-	MF 2.2x0.25	0,25	45	7	12	2,8	2,1	5	2		☒
TD217-M2.3X.25-C0-	MF 2.3x0.25	0,25	45	7	12	2,8	2,1	5	2		☒
TD217-M2.5X.35-C0-	MF 2.5x0.35	0,35	50	8	12,5	2,8	2,1	5	2		☒
TD217-M3X0.25-C0-	MF 3x0.25	0,25	56	6	18	3,5	2,7	6	2		☒
TD217-M3X0.35-C0-	MF 3x0.35	0,35	56	9	18	3,5	2,7	6	2		☒
TD217-M3.5X.35-C0-	MF 3.5x0.35	0,35	56	11	20	4	3	6	2		☒
TD217-M4X0.35-C0-	MF 4x0.35	0,35	63	12	21	4,5	3,4	6	2		☒
TD217-M4X0.5-C0-	MF 4x0.5	0,5	63	12	21	4,5	3,4	6	2		☒
TD217-M4.5X0.5-C0-	MF 4.5x0.5	0,5	70	13	25	6	4,9	8	3		☒
TD217-M5X0.5-C0-	MF 5x0.5	0,5	70	13	25	6	4,9	8	3	☒	☒
TD217-M6X0.5-C0-	MF 6x0.5	0,5	80	15	30	6	4,9	8	3	☒	☒
TD217-M5X0.75-C0-	MF 5x0.75	0,75	70	13	25	6	4,9	8	3		☒
TD217-M6X0.75-C0-	MF 6x0.75	0,75	80	15	30	6	4,9	8	3	☒	☒
TD217-M7X0.75-C0-	MF 7x0.75	0,75	80	15	30	7	5,5	8	3		☒
TD217-M8X1-C0-	MF 8x1	1	90	18	35	8	6,2	9	3		☒
TD217-M10X1-C0-	MF 10x1	1	90	20	39	10	8	11	3		☒

Ordering example for the grade WY80FC: TD217-M10X1-C0-WY80FC

C1

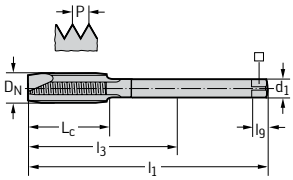
WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☒ machining conditions

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DIN 374



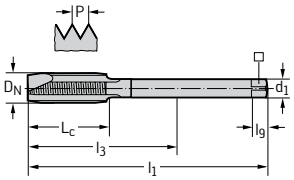
Parallel shank

Designation	D_N-P	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80FC	WY80RG
TD217-M5X0.5-L0-	MF 5x0.5	0,5	70	13	49	3,5	2,7	6	3	●	●	
TD217-M6X0.5-L0-	MF 6x0.5	0,5	80	15	59	4,5	3,4	6	3	●	●	
TD217-M6X0.75-L0-	MF 6x0.75	0,75	80	15	59	4,5	3,4	6	3	●	●	●
TD217-M8X0.5-L0-	MF 8x0.5	0,5	80	15	57	6	4,9	8	3	●	●	
TD217-M8X0.75-L0-	MF 8x0.75	0,75	80	15	57	6	4,9	8	3	●	●	
TD217-M8X1-L0-	MF 8x1	1	90	18	67	6	4,9	8	3	●	●	●
TD217-M10X0.5-L0-	MF 10x0.5	0,5	90	20	67	7	5,5	8	3		●	
TD217-M10X0.75-L0-	MF 10x0.75	0,75	90	20	67	7	5,5	8	3		●	
TD217-M10X1-L0-	MF 10x1	1	90	20	67	7	5,5	8	3	●	●	●
TD217-M9X1-L0-	MF 9x1	1	90	18	67	7	5,5	8	3		●	
TD217-M10X1.25-L0-	MF 10x1.25	1,25	100	20	77	7	5,5	8	3	●	●	●
TD217-M12X0.5-L0-	MF 12x0.5	0,5	100	21	73	9	7	10	4		●	
TD217-M12X1-L0-	MF 12x1	1	100	21	73	9	7	10	4	●	●	●
TD217-M12X1.25-L0-	MF 12x1.25	1,25	100	21	73	9	7	10	4		●	●
TD217-M12X1.5-L0-	MF 12x1.5	1,5	100	21	73	9	7	10	4	●	●	●
TD217-M14X1-L0-	MF 14x1	1	100	21	71	11	9	12	4		●	
TD217-M14X1.25-L0-	MF 14x1.25	1,25	100	21	71	11	9	12	4		●	
TD217-M14X1.5-L0-	MF 14x1.5	1,5	100	21	71	11	9	12	4	●	●	●
TD217-M16X1-L0-	MF 16x1	1	100	21	58	12	9	12	4		●	
TD217-M16X1.5-L0-	MF 16x1.5	1,5	100	21	58	12	9	12	4	●	●	●
TD217-M18X1-L0-	MF 18x1	1	110	24	66	14	11	14	4		●	
TD217-M18X1.5-L0-	MF 18x1.5	1,5	110	24	66	14	11	14	4	●	●	●
TD217-M18X2-L0-	MF 18x2	2	125	30	81	14	11	14	4		●	
TD217-M20X1-L0-	MF 20x1	1	125	24	80	16	12	15	4		●	
TD217-M20X1.5-L0-	MF 20x1.5	1,5	125	24	80	16	12	15	4	●	●	●
TD217-M20X2-L0-	MF 20x2	2	140	30	95	16	12	15	4		●	
TD217-M22X1-L0-	MF 22x1	1	125	24	78	18	14,5	17	4		●	
TD217-M24X1-L0-	MF 24x1	1	140	26	93	18	14,5	17	4		●	
TD217-M22X1.5-L0-	MF 22x1.5	1,5	125	24	78	18	14,5	17	4	●	●	●
TD217-M24X1.5-L0-	MF 24x1.5	1,5	140	26	93	18	14,5	17	4	●	●	
TD217-M25X1.5-L0-	MF 25x1.5	1,5	140	26	93	18	14,5	17	4		●	
TD217-M26X1.5-L0-	MF 26x1.5	1,5	140	26	93	18	14,5	17	4		●	
TD217-M22X2-L0-	MF 22x2	2	140	26	93	18	14,5	17	4		●	
TD217-M24X2-L0-	MF 24x2	2	140	26	93	18	14,5	17	4	●	●	
TD217-M27X1-L0-	MF 27x1	1	140	26	77	20	16	19	4		●	

Ordering example for the grade WY80FC: TD217-M10X0.5-L0-WY80FC

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DIN 374



Parallel shank

Designation	D_N-P	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80FC	WY80RG
TD217-M27X1.5-L0-	MF 27x1.5	1,5	140	26	77	20	16	19	4		●	
TD217-M28X1.5-L0-	MF 28x1.5	1,5	140	26	77	20	16	19	4		●	
TD217-M27X2-L0-	MF 27x2	2	140	26	77	20	16	19	4	●	●	
TD217-M30X1-L0-	MF 30x1	1	150	26	85	22	18	21	4		●	
TD217-M30X1.5-L0-	MF 30x1.5	1,5	150	26	85	22	18	21	4	●	●	
TD217-M32X1.5-L0-	MF 32x1.5	1,5	150	26	85	22	18	21	4		●	
TD217-M30X2-L0-	MF 30x2	2	150	26	85	22	18	21	4	●	●	
TD217-M32X2-L0-	MF 32x2	2	150	26	85	22	18	21	4		●	
TD217-M33X1.5-L0-	MF 33x1.5	1,5	160	28	93	25	20	23	5		●	
TD217-M33X2-L0-	MF 33x2	2	160	28	93	25	20	23	5		●	
TD217-M35X1.5-L0-	MF 35x1.5	1,5	170	28	101	28	22	25	5		●	
TD217-M36X1.5-L0-	MF 36x1.5	1,5	170	28	101	28	22	25	5		●	
TD217-M38X1.5-L0-	MF 38x1.5	1,5	170	28	101	28	22	25	5		●	
TD217-M36X2-L0-	MF 36x2	2	170	28	101	28	22	25	5		●	
TD217-M36X3-L0-	MF 36x3	3	200	39	131	28	22	25	5		●	
TD217-M40X1.5-L0-	MF 40x1.5	1,5	170	28	72	32	24	27	5		●	
TD217-M42X1.5-L0-	MF 42x1.5	1,5	170	28	72	32	24	27	5		●	
TD217-M39X2-L0-	MF 39x2	2	170	28	72	32	24	27	5		●	
TD217-M40X2-L0-	MF 40x2	2	170	28	72	32	24	27	5		●	
TD217-M42X2-L0-	MF 42x2	2	170	28	72	32	24	27	5		●	
TD217-M42X3-L0-	MF 42x3	3	200	42	102	32	24	27	5		●	
TD217-M45X1.5-L0-	MF 45x1.5	1,5	180	28	77	36	29	32	5		●	
TD217-M48X1.5-L0-	MF 48x1.5	1,5	190	28	87	36	29	32	6		●	
TD217-M50X1.5-L0-	MF 50x1.5	1,5	190	28	87	36	29	32	6		●	
TD217-M48X3-L0-	MF 48x3	3	225	45	122	36	29	32	6		●	

Ordering example for the grade WY80FC: TD217-M10X0.5-L0-WY80FC

C1

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HSS-E machine taps

TD217 Advance mm

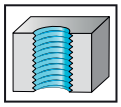
Thread·tec™ Omni



– Universal taps

MF
DIN 13

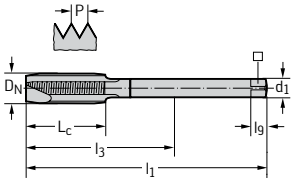
6GX



≤ 3×D_N | B=3,5-5 | LH | 38HRC 1250 –350 N/mm²

	P	M	K	N	S	H	O
WY80FC	●●	●●	●●	●●			

DIN 374



Parallel shank

Designation	D_N-P	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80FC
TD217-M8X1-LL-	MF 8x1	1	90	18	67	6	4,9	8	3	☹
TD217-M10X1-LL-	MF 10x1	1	90	20	67	7	5,5	8	3	☹
TD217-M12X1-LL-	MF 12x1	1	100	21	73	9	7	10	4	☹
TD217-M12X1.5-LL-	MF 12x1.5	1,5	100	21	73	9	7	10	4	☹
TD217-M14X1.5-LL-	MF 14x1.5	1,5	100	21	71	11	9	12	4	☹
TD217-M16X1-LL-	MF 16x1	1	100	21	58	12	9	12	4	☹
TD217-M16X1.5-LL-	MF 16x1.5	1,5	100	21	58	12	9	12	4	☹
TD217-M18X1.5-LL-	MF 18x1.5	1,5	110	24	66	14	11	14	4	☹
TD217-M20X1.5-LL-	MF 20x1.5	1,5	125	24	80	16	12	15	4	☹

Ordering example for the grade WY80FC: TD217-M10X1-LL-WY80FC

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E machine taps

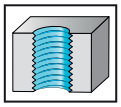
TD217 Advance mm

Thread·tec™ Omni



– Universal taps

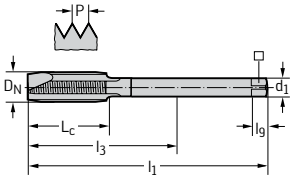
MF	7GX	
DIN 13		



≤ 3×D_N | B=3,5-5 | 38HRC, 1250 ~350 N/mm²

	P	M	K	N	S	H	O
WY80AA	●●	●	●●	●			
WY80FC	●●	●●	●●	●●			

DIN 374



Parallel shank

Designation	D_N-P	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80FC
TD217-M4X0.5-N0-	MF 4x0.5	0,5	63	12	43	2,8	2,1	5	3		☹
TD217-M5X0.5-N0-	MF 5x0.5	0,5	70	13	49	3,5	2,7	6	3		☹
TD217-M6X0.5-N0-	MF 6x0.5	0,5	80	15	59	4,5	3,4	6	3		☹
TD217-M6X0.75-N0-	MF 6x0.75	0,75	80	15	59	4,5	3,4	6	3		☹
TD217-M8X0.75-N0-	MF 8x0.75	0,75	80	15	57	6	4,9	8	3		☹
TD217-M8X1-N0-	MF 8x1	1	90	18	67	6	4,9	8	3	☹	☹
TD217-M10X1-N0-	MF 10x1	1	90	20	67	7	5,5	8	3	☹	☹
TD217-M10X1.25-N0-	MF 10x1.25	1,25	100	20	77	7	5,5	8	3		☹
TD217-M12X1-N0-	MF 12x1	1	100	21	73	9	7	10	4	☹	☹
TD217-M12X1.25-N0-	MF 12x1.25	1,25	100	21	73	9	7	10	4		☹
TD217-M12X1.5-N0-	MF 12x1.5	1,5	100	21	73	9	7	10	4	☹	☹
TD217-M14X1.5-N0-	MF 14x1.5	1,5	100	21	71	11	9	12	4	☹	☹
TD217-M16X1.5-N0-	MF 16x1.5	1,5	100	21	58	12	9	12	4	☹	☹
TD217-M18X1.5-N0-	MF 18x1.5	1,5	110	24	66	14	11	14	4		☹
TD217-M20X1.5-N0-	MF 20x1.5	1,5	125	24	80	16	12	15	4	☹	☹
TD217-M22X1.5-N0-	MF 22x1.5	1,5	125	24	78	18	14,5	17	4		☹
TD217-M24X1.5-N0-	MF 24x1.5	1,5	140	26	93	18	14,5	17	4	☹	☹

Ordering example for the grade WY80AA: TD217-M10X1-N0-WY80AA

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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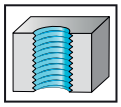
HSS-E machine taps

TC216 Perform mm



– For long-chipping materials

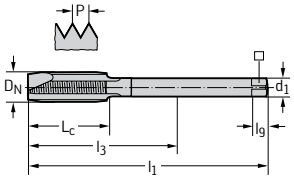
MF	ISO2/6H	
DIN 13		



≤ 3×D_N	B=3,5-5	32HRC 1000 –350 N/mm²

	P	M	K	N	S	H	O
WY80AA	●●	●●	●●	●●			

DIN 374



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA
TC216-M8X1-L0-	MF 8x1	1	90	18	67	6	4,9	8	3	☹
TC216-M10X1-L0-	MF 10x1	1	90	20	67	7	5,5	8	3	☹
TC216-M10X1.25-L0-	MF 10x1.25	1,25	100	20	77	7	5,5	8	3	☹
TC216-M12X1.25-L0-	MF 12x1.25	1,25	100	21	73	9	7	10	4	☹
TC216-M12X1.5-L0-	MF 12x1.5	1,5	100	21	73	9	7	10	4	☹
TC216-M14X1.5-L0-	MF 14x1.5	1,5	100	21	71	11	9	12	4	☹
TC216-M16X1.5-L0-	MF 16x1.5	1,5	100	21	58	12	9	12	4	☹
TC216-M18X1.5-L0-	MF 18x1.5	1,5	110	24	66	14	11	14	4	☹

Ordering example for the grade WY80AA: TC216-M10X1-L0-WY80AA

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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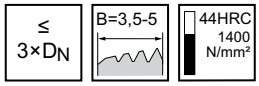
HSS-E machine taps

mm

Prototex® Synchrospeed



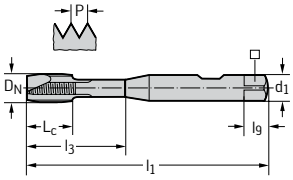
– For long-chipping materials
– Only for synchronous machining (rigid tapping)



MF	6HX	
DIN 13		

	P	M	K	N	S	H	O
TIN	●●	●●	●●	●●	●●		●●
THL	●●	●●	●●	●●	●●		●●

~DIN 371



Parallel shank

Designation THL	Designation TIN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N
S2126302-M8X1	S2126305-M8X1	MF 8x1	1	90	10	35	8	6,2	9	3
S2126302-M10X1.25	S2126305-M10X1.25	MF 10x1.25	1,25	100	13	39	10	8	11	3
S2126302-M12X1.25	S2126305-M12X1.25	MF 12x1.25	1,25	100	13	42	12	9	12	3
S2126302-M12X1.5	S2126305-M12X1.5	MF 12x1.5	1,5	100	15	42	12	9	12	3
S2126302-M14X1.5	S2126305-M14X1.5	MF 14x1.5	1,5	100	15	49	14	11	14	3
S2126302-M16X1.5	S2126305-M16X1.5	MF 16x1.5	1,5	100	15	50	16	12	15	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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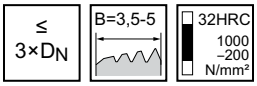
HSS-E machine taps

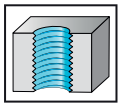
mm

Prototex® X-pert P



– For long-chipping materials

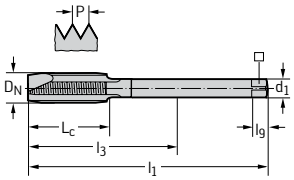


MF DIN 13	ISO2/6H	

	P	M	K	N	S	H	O
uncoated	●●			●			●

DIN 374

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
P21360-M4X0.5	MF 4x0.5	0,5	63	12	43	2,8	2,1	5	3



Parallel shank

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E PM machine taps

mm

Prototex® TiNi

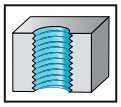


– Recommended with oil
– For long-chipping materials

≤ 2×D_N | B=3,5-5 | 44HRC 1400 –700 N/mm²

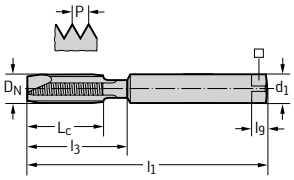
MF
DIN 13

6HX



	P	M	K	N	S	H	O
TICN	●●	●●		●	●●		
uncoated	●●	●●		●	●●		

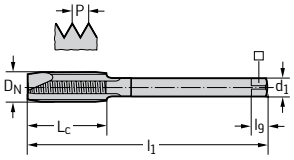
~DIN 371



Parallel shank

Designation TICN	Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
21216106-M8X0.75	212161-M8X0.75	MF 8x0.75	0,75	80	10	29	8	6,2	9	3
21216106-M8X1	212161-M8X1	MF 8x1	1	90	12	29	8	6,2	9	3
	212161-M10X1	MF 10x1	1	90	14	33	10	8	11	3

DIN 374



Parallel shank

Designation TICN	Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
21266106-M10X1.25	212661-M10X1.25	MF 10x1.25	1,25	100	20	77	7	5,5	8	3
21266106-M12X1	212661-M12X1	MF 12x1	1	100	16	73	9	7	10	4
21266106-M12X1.25	212661-M12X1.25	MF 12x1.25	1,25	100	21	73	9	7	10	4
21266106-M12X1.5	212661-M12X1.5	MF 12x1.5	1,5	100	21	73	9	7	10	4
21266106-M14X1	212661-M14X1	MF 14x1	1	100	16	71	11	9	12	4
21266106-M14X1.5	212661-M14X1.5	MF 14x1.5	1,5	100	21	71	11	9	12	4
21266106-M16X1	212661-M16X1	MF 16x1	1	100	18	58	12	9	12	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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HSS-E PM machine taps

mm

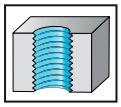
Prototex® TiNi Plus



– Recommended with emulsion
– For long-chipping materials

MF
DIN 13

6HX



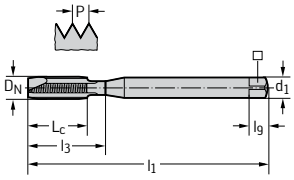
≤ 2×D_N

B=3,5-5

44HRC
1400
–700
N/mm²

	P	M	K	N	S	H	O
ACN					●●		

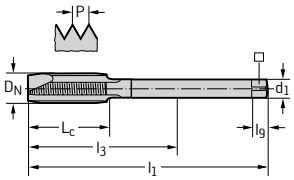
~DIN 371



Parallel shank

Designation ACN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
2121763-M6X0.75	MF 6x0.75	0,75	80	15	23	6	4,9	8	3
2121763-M8X0.75	MF 8x0.75	0,75	90	18	29,5	8	6,2	9	3
2121763-M8X1	MF 8x1	1	90	18	29,5	8	6,2	9	3
2121763-M10X1	MF 10x1	1	100	20	33,5	10	8	11	3

DIN 374



Parallel shank

Designation ACN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
2126763-M12X1	MF 12x1	1	100	21	73	9	7	10	4
2126763-M12X1.5	MF 12x1.5	1,5	100	21	73	9	7	10	4
2126763-M14X1.5	MF 14x1.5	1,5	100	21	71	11	9	12	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E PM machine taps

mm

Prototex® Sprint



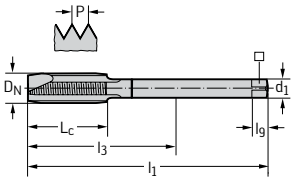
– For long-chipping materials

MF	ISO2/6H	
DIN 13		

≤ 3×D_N | B=3,5-5 | 36HRC 1200 –350 N/mm²

	P	M	K	N	S	H	O
TIN	●	●		●			

DIN 374



Parallel shank

Designation TIN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
7126365-M8X1	MF 8x1	1	90	18	62	6	4,9	8	3
7126365-M10X1	MF 10x1	1	90	20	62	7	5,5	8	3
7126365-M12X1.25	MF 12x1.25	1,25	100	21	67	9	7	10	4
7126365-M12X1.5	MF 12x1.5	1,5	100	21	66	9	7	10	4
7126365-M14X1.5	MF 14x1.5	1,5	100	21	64	11	9	12	4
7126365-M16X1.5	MF 16x1.5	1,5	100	21	51	12	9	12	4
7126365-M20X1.5	MF 20x1.5	1,5	125	24	73	16	12	15	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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HSS-E PM machine taps

mm

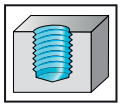
Paradur® Eco Plus



– For long-chipping materials

MF
DIN 13

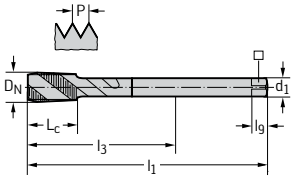
6HX



≤ 3×D_N | C=2-3 | 45° | 38HRC 1250 –500 N/mm²

	P	M	K	N	S	H	O
THL	●●	●●	●●	●●			

DIN 374



Parallel shank

Designation THL	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2156302-M6X0.75	MF 6x0.75	0,75	80	10	59	4,5	3,4	6	3
EP2156302-M7X1	MF 7x1	1	80	10	58	5,5	4,3	7	3
EP2156302-M8X1	MF 8x1	1	90	12	67	6	4,9	8	3
EP2156302-M9X1	MF 9x1	1	90	13	67	7	5,5	8	3
EP2156302-M10X1	MF 10x1	1	90	12	67	7	5,5	8	3
EP2156302-M10X1.25	MF 10x1.25	1,25	100	15	77	7	5,5	8	3
EP2156302-M11X1	MF 11x1	1	90	15	66	8	6,2	9	3
EP2156302-M12X1	MF 12x1	1	100	13	73	9	7	10	4
EP2156302-M12X1.25	MF 12x1.25	1,25	100	13	73	9	7	10	4
EP2156302-M12X1.5	MF 12x1.5	1,5	100	13	73	9	7	10	4
EP2156302-M14X1.25	MF 14x1.25	1,25	100	15	71	11	9	12	4
EP2156302-M14X1.5	MF 14x1.5	1,5	100	15	71	11	9	12	4
EP2156302-M16X1.5	MF 16x1.5	1,5	100	15	58	12	9	12	4
EP2156302-M18X1.5	MF 18x1.5	1,5	110	17	66	14	11	14	4
EP2156302-M20X1.5	MF 20x1.5	1,5	125	17	80	16	12	15	4
EP2156302-M22X1.5	MF 22x1.5	1,5	125	18	78	18	14,5	17	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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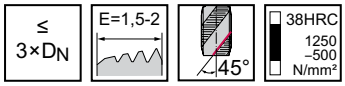
HSS-E PM machine taps

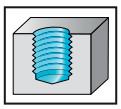
mm

Paradur® Eco Plus



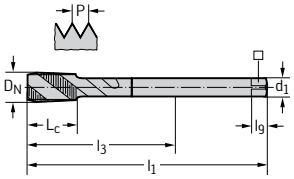
– For long-chipping materials



MF DIN 13	6HX	

	P	M	K	N	S	H	O
THL	●●	●●	●●	●●			

DIN 374



Parallel shank

Designation THL	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2156362-M8X1	MF 8x1	1	90	12	67	6	4,9	8	4
EP2156362-M10X1	MF 10x1	1	90	12	67	7	5,5	8	4
EP2156362-M12X1.5	MF 12x1.5	1,5	100	13	73	9	7	10	4
EP2156362-M14X1.5	MF 14x1.5	1,5	100	15	71	11	9	12	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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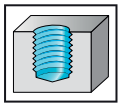
HSS-E PM machine taps

mm

Paradur® Eco Plus



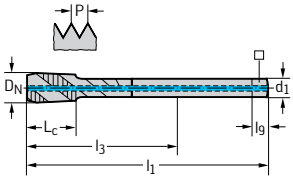
– For long-chipping materials

MF DIN 13	6HX	



	P	M	K	N	S	H	O
THL	●●	●●	●●	●●			

DIN 374



Parallel shank

Designation THL	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2156312-M8X1	MF 8x1	1	90	12	67	6	4,9	8	3
EP2156312-M10X1	MF 10x1	1	90	12	67	7	5,5	8	3
EP2156312-M10X1.25	MF 10x1.25	1,25	100	15	77	7	5,5	8	3
EP2156312-M12X1	MF 12x1	1	100	13	73	9	7	10	4
EP2156312-M12X1.25	MF 12x1.25	1,25	100	13	73	9	7	10	4
EP2156312-M12X1.5	MF 12x1.5	1,5	100	13	73	9	7	10	4
EP2156312-M14X1.5	MF 14x1.5	1,5	100	15	71	11	9	12	4
EP2156312-M16X1.5	MF 16x1.5	1,5	100	15	58	12	9	12	4
EP2156312-M18X1.5	MF 18x1.5	1,5	110	17	66	14	11	14	4
EP2156312-M20X1.5	MF 20x1.5	1,5	125	17	80	16	12	15	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

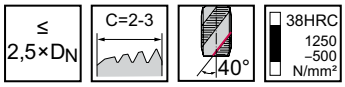
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HSS-E machine taps

TD117 Advance mm

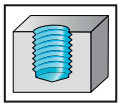
Thread·tec™ Omni





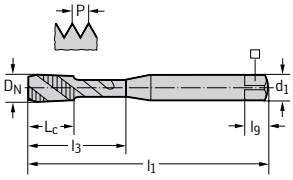
– Universal taps

MF	6HX	
DIN 13		



	P	M	K	N	S	H	O
WY80AA	●●	●	●●	●			
WY80FC	●●	●●	●●	●●			
WY80RG	●	●●	●	●●			

DIN 371

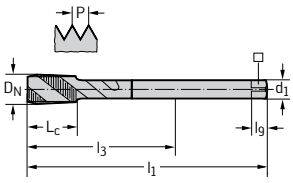


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80FC
TD117-M4X0.5-C0-	MF 4x0.5	0,5	63	7	21	4,5	3,4	6	3	☹	☹
TD117-M5X0.5-C0-	MF 5x0.5	0,5	70	8	25	6	4,9	8	3	☹	☹
TD117-M6X0.5-C0-	MF 6x0.5	0,5	80	10	30	6	4,9	8	3	☹	☹
TD117-M6X0.75-C0-	MF 6x0.75	0,75	80	10	30	6	4,9	8	3		☹

Ordering example for the grade WY80AA: TD117-M4X0.5-C0-WY80AA

DIN 374



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80FC	WY80RG
TD117-M8X0.5-L0-	MF 8x0.5	0,5	80	10	57	6	4,9	8	3	☹	☹	
TD117-M8X0.75-L0-	MF 8x0.75	0,75	80	10	57	6	4,9	8	3	☹	☹	
TD117-M10X0.75-L0-	MF 10x0.75	0,75	90	12	67	7	5,5	8	3	☹	☹	
TD117-M8X1-L0-	MF 8x1	1	90	12	67	6	4,9	8	3	☹	☹	☹
TD117-M10X1-L0-	MF 10x1	1	90	12	67	7	5,5	8	3	☹	☹	☹
TD117-M12X1-L0-	MF 12x1	1	100	13	73	9	7	10	4	☹	☹	
TD117-M14X1-L0-	MF 14x1	1	100	15	71	11	9	12	4		☹	
TD117-M10X1.25-L0-	MF 10x1.25	1,25	100	15	77	7	5,5	8	3	☹	☹	
TD117-M12X1.25-L0-	MF 12x1.25	1,25	100	13	73	9	7	10	4	☹	☹	
TD117-M12X1.5-L0-	MF 12x1.5	1,5	100	13	73	9	7	10	4	☹	☹	☹
TD117-M14X1.5-L0-	MF 14x1,5	1,5	100	15	71	11	9	12	4		☹	
TD117-M14X1.5-L0-	MF 14x1.5	1,5	100	15	71	11	9	12	4	☹		☹
TD117-M16X1.5-L0-	MF 16x1.5	1,5	100	15	58	12	9	12	4	☹	☹	☹
TD117-M18X1.5-L0-	MF 18x1.5	1,5	110	17	66	14	11	14	4	☹	☹	☹
TD117-M20X1.5-L0-	MF 20x1.5	1,5	125	17	80	16	12	15	4	☹	☹	☹
TD117-M22X1.5-L0-	MF 22x1.5	1,5	125	18	78	18	14,5	17	5		☹	
TD117-M24X1.5-L0-	MF 24x1.5	1,5	140	20	93	18	14,5	17	5		☹	
TD117-M27X1.5-L0-	MF 27x1.5	1,5	140	20	77	20	16	19	5		☹	
TD117-M20X2-L0-	MF 20x2	2	140	25	95	16	12	15	4		☹	
TD117-M24X2-L0-	MF 24x2	2	140	20	93	18	14,5	17	5		☹	
TD117-M27X2-L0-	MF 27x2	2	140	20	77	20	16	19	5		☹	
TD117-M30X2-L0-	MF 30x2	2	150	20	85	22	18	21	5		☹	

Ordering example for the grade WY80AA: TD117-M10X0.75-L0-WY80AA

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

HSS-E machine taps

TD117 Advance mm

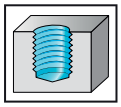
Thread·tec™ Omni



– Universal taps

MF
DIN 13

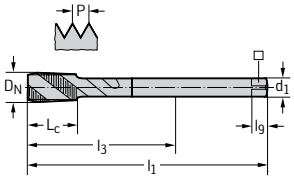
6GX



≤ 2,5×D_N | C=2-3 | 40° | 38HRC 1250 –500 N/mm²

	P	M	K	N	S	H	O
WY80AA	●●	●	●●	●			

DIN 374



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA
TD117-M8X1-N0-	MF 8x1	1	90	12	67	6	4,9	8	3	☹
TD117-M10X1-N0-	MF 10x1	1	90	12	67	7	5,5	8	3	☹
TD117-M12X1-N0-	MF 12x1	1	100	13	73	9	7	10	4	☹
TD117-M14X1-N0-	MF 14x1	1	100	15	71	11	9	12	4	☹
TD117-M16X1-N0-	MF 16x1	1	100	15	58	12	9	12	4	☹
TD117-M12X1.5-N0-	MF 12x1.5	1,5	100	13	73	9	7	10	4	☹
TD117-M14X1.5-N0-	MF 14x1.5	1,5	100	15	71	11	9	12	4	☹
TD117-M16X1.5-N0-	MF 16x1.5	1,5	100	15	58	12	9	12	4	☹

Ordering example for the grade WY80AA: TD117-M10X1-N0-WY80AA

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E machine taps

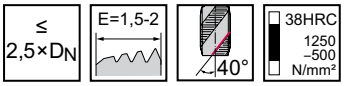
TD117 Advance mm

Thread·tec™ Omni



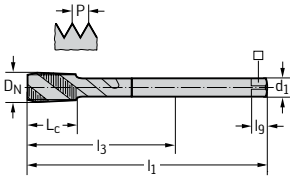
– Universal taps

MF	6HX	
DIN 13		



	P	M	K	N	S	H	O
WY80RG	●	●●	●	●●			

DIN 374



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80RG
TD117-M8X1-LE-	MF 8x1	1	90	12	67	6	4,9	8	3	☹
TD117-M10X1-LE-	MF 10x1	1	90	12	67	7	5,5	8	3	☹
TD117-M12X1.5-LE-	MF 12x1.5	1,5	100	13	73	9	7	10	4	☹
TD117-M14X1.5-LE-	MF 14x1.5	1,5	100	15	71	11	9	12	4	☹
TD117-M16X1.5-LE-	MF 16x1.5	1,5	100	15	58	12	9	12	4	☹
TD117-M18X1.5-LE-	MF 18x1.5	1,5	110	17	66	14	11	14	4	☹

Ordering example for the grade WY80RG: TD117-M10X1-LE-WY80RG

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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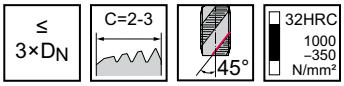
HSS-E machine taps

TC115 Perform mm



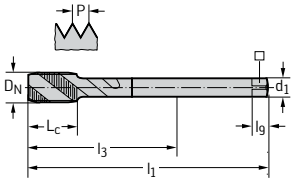
– For long-chipping materials

MF	ISO2/6H	
DIN 13		



	P	M	K	N	S	H	O
WY80AA	●●	●●	●●	●			

DIN 374



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA
TC115-M8X1-L0-	MF 8x1	1	90	12	67	6	4,9	8	3	☹
TC115-M10X1-L0-	MF 10x1	1	90	12	67	7	5,5	8	3	☹
TC115-M10X1.25-L0-	MF 10x1.25	1,25	100	15	77	7	5,5	8	3	☹
TC115-M12X1.25-L0-	MF 12x1.25	1,25	100	13	73	9	7	10	4	☹
TC115-M12X1.5-L0-	MF 12x1.5	1,5	100	13	73	9	7	10	4	☹
TC115-M14X1.5-L0-	MF 14x1.5	1,5	100	15	71	11	9	12	4	☹
TC115-M16X1.5-L0-	MF 16x1.5	1,5	100	15	58	12	9	12	4	☹
TC115-M18X1.5-L0-	MF 18x1.5	1,5	110	17	66	14	11	14	4	☹

Ordering example for the grade WY80AA: TC115-M10X1-L0-WY80AA

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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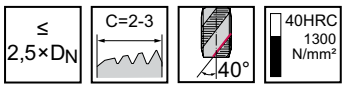
HSS-E machine taps

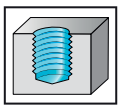
mm

Paradur® Synchrospeed



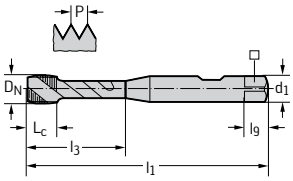
– For long-chipping materials
– Only for synchronous machining (rigid tapping)



MF	6HX	
DIN 13		

	P	M	K	N	S	H	O
TIN/VAP	●●	●●	●●	●	●		●
THL	●●	●●	●●	●	●		●

~DIN 371



Parallel shank

Designation THL	Designation TIN/VAP	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_g mm	N
S2156302-M8X1	S2156305-M8X1	MF 8x1	1	90	10,5	35	8	6,2	9	3
S2156302-M10X1	S2156305-M10X1	MF 10x1	1	90	10,5	39	10	8	11	3
S2156302-M10X1.25	S2156305-M10X1.25	MF 10x1.25	1,25	100	13,5	39	10	8	11	3
S2156302-M12X1.25		MF 12x1.25	1,25	100	13,5	42	12	9	12	3
S2156302-M12X1.5	S2156305-M12X1.5	MF 12x1.5	1,5	100	16	42	12	9	12	3
S2156302-M14X1.5	S2156305-M14X1.5	MF 14x1.5	1,5	100	16	49	14	11	14	4
S2156302-M16X1.5	S2156305-M16X1.5	MF 16x1.5	1,5	100	16	50	16	12	15	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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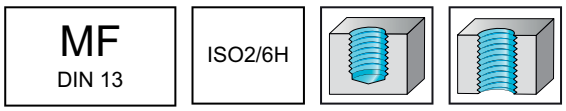
HSS-E machine taps

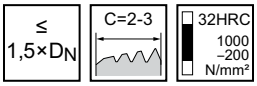
mm

Paradur® H



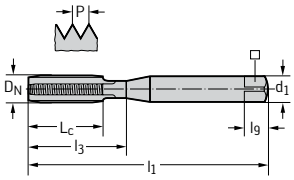
– For long- and short-chipping materials





	P	M	K	N	S	H	O
uncoated			●	●●			●

DIN 371



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
21311-M2X0.25	MF 2x0.25	0,25	45	6	9	2,8	2,1	5	3
21311-M2.2X0.25	MF 2.2x0.25	0,25	45	7	12	2,8	2,1	5	3
21311-M2.5X0.35	MF 2.5x0.35	0,35	50	8	12,5	2,8	2,1	5	3
21311-M3X0.35	MF 3x0.35	0,35	56	9	18	3,5	2,7	6	3
21311-M3.5X0.35	MF 3.5x0.35	0,35	56	11	20	4	3	6	3
21311-M4X0.35	MF 4x0.35	0,35	63	12	21	4,5	3,4	6	3
21311-M4X0.5	MF 4x0.5	0,5	63	12	21	4,5	3,4	6	3
21311-M5X0.35	MF 5x0.35	0,35	70	13	25	6	4,9	8	3
21311-M5X0.5	MF 5x0.5	0,5	70	13	25	6	4,9	8	3
21311-M6X0.75	MF 6x0.75	0,75	80	15	30	6	4,9	8	3
21311-M7X0.75	MF 7x0.75	0,75	80	15	30	7	5,5	8	3

WALTER SELECT

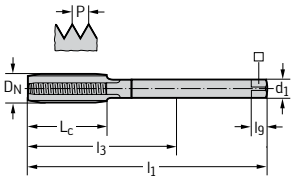
●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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DIN 374

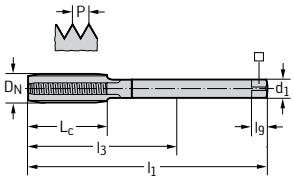


Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
21361-M4X0.5	MF 4x0.5	0,5	63	12	43	2,8	2,1	5	3
21361-M5X0.5	MF 5x0.5	0,5	70	13	49	3,5	2,7	6	3
21361-M6X0.5	MF 6x0.5	0,5	80	15	59	4,5	3,4	6	3
21361-M6X0.75	MF 6x0.75	0,75	80	15	59	4,5	3,4	6	3
21361-M7X0.5	MF 7x0.5	0,5	80	15	58	5,5	4,3	7	3
21361-M7X0.75	MF 7x0.75	0,75	80	15	58	5,5	4,3	7	3
21361-M8X0.5	MF 8x0.5	0,5	80	15	57	6	4,9	8	3
21361-M8X0.75	MF 8x0.75	0,75	80	15	57	6	4,9	8	3
21361-M8X1	MF 8x1	1	90	18	67	6	4,9	8	3
21361-M9X0.5	MF 9x0.5	0,5	90	15	67	7	5,5	8	3
21361-M9X0.75	MF 9x0.75	0,75	90	15	67	7	5,5	8	3
21361-M9X1	MF 9x1	1	90	18	67	7	5,5	8	3
21361-M10X0.5	MF 10x0.5	0,5	90	20	67	7	5,5	8	3
21361-M10X0.75	MF 10x0.75	0,75	90	20	67	7	5,5	8	3
21361-M10X1	MF 10x1	1	90	20	67	7	5,5	8	3
21361-M10X1.25	MF 10x1.25	1,25	100	20	77	7	5,5	8	3
21361-M11X1	MF 11x1	1	90	20	66	8	6,2	9	3
21361-M12X0.5	MF 12x0.5	0,5	100	21	73	9	7	10	3
21361-M12X0.75	MF 12x0.75	0,75	100	21	73	9	7	10	4
21361-M12X1	MF 12x1	1	100	21	73	9	7	10	4
21361-M12X1.25	MF 12x1.25	1,25	100	21	73	9	7	10	4
21361-M12X1.5	MF 12x1.5	1,5	100	21	73	9	7	10	4
21361-M14X1	MF 14x1	1	100	21	71	11	9	12	4
21361-M14X1.25	MF 14x1.25	1,25	100	21	71	11	9	12	4
21361-M14X1.5	MF 14x1.5	1,5	100	21	71	11	9	12	4
21361-M15X1.5	MF 15x1.5	1,5	100	21	58	12	9	12	4
21361-M16X1	MF 16x1	1	100	21	58	12	9	12	4
21361-M16X1.5	MF 16x1.5	1,5	100	21	58	12	9	12	4
21361-M18X1	MF 18x1	1	110	24	66	14	11	14	4
21361-M18X1.5	MF 18x1.5	1,5	110	24	66	14	11	14	4
21361-M18X2	MF 18x2	2	125	30	81	14	11	14	4
21361-M20X1	MF 20x1	1	125	24	80	16	12	15	4
21361-M20X1.5	MF 20x1.5	1,5	125	24	80	16	12	15	4
21361-M20X2	MF 20x2	2	140	30	95	16	12	15	4
21361-M22X1	MF 22x1	1	125	24	78	18	14,5	17	4

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DIN 374



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
21361-M22X1.5	MF 22x1.5	1,5	125	24	78	18	14,5	17	4
21361-M22X2	MF 22x2	2	140	26	93	18	14,5	17	4
21361-M24X1	MF 24x1	1	140	26	93	18	14,5	17	4
21361-M24X1.5	MF 24x1.5	1,5	140	26	93	18	14,5	17	4
21361-M24X2	MF 24x2	2	140	26	93	18	14,5	17	4
21361-M25X1.5	MF 25x1.5	1,5	140	26	93	18	14,5	17	4
21361-M26X1.5	MF 26x1.5	1,5	140	26	93	18	14,5	17	4
21361-M27X1	MF 27x1	1	140	26	77	20	16	19	4
21361-M27X1.5	MF 27x1.5	1,5	140	26	77	20	16	19	4
21361-M27X2	MF 27x2	2	140	26	77	20	16	19	4
21361-M28X1.5	MF 28x1.5	1,5	140	26	77	20	16	19	4
21361-M28X2	MF 28x2	2	140	26	77	20	16	19	4
21361-M30X1	MF 30x1	1	150	26	85	22	18	21	4
21361-M30X1.5	MF 30x1.5	1,5	150	26	85	22	18	21	4
21361-M30X2	MF 30x2	2	150	26	85	22	18	21	4
21361-M32X1.5	MF 32x1.5	1,5	150	26	85	22	18	21	4
21361-M33X1.5	MF 33x1.5	1,5	160	28	93	25	20	23	4
21361-M33X2	MF 33x2	2	160	28	93	25	20	23	4
21361-M35X1.5	MF 35x1.5	1,5	170	28	101	28	22	25	4
21361-M36X1.5	MF 36x1.5	1,5	170	28	101	28	22	25	4
21361-M36X2	MF 36x2	2	170	28	101	28	22	25	4
21361-M36X3	MF 36x3	3	200	39	131	28	22	25	4
21361-M38X1.5	MF 38x1.5	1,5	170	28	101	28	22	25	6
21361-M39X1.5	MF 39x1.5	1,5	170	28	72	32	24	27	6
21361-M39X3	MF 39x3	3	200	42	102	32	24	27	4
21361-M40X1.5	MF 40x1.5	1,5	170	28	72	32	24	27	6
21361-M40X2	MF 40x2	2	170	28	72	32	24	27	4
21361-M42X1.5	MF 42x1.5	1,5	170	28	72	32	24	27	6
21361-M42X2	MF 42x2	2	170	28	72	32	24	27	4
21361-M42X3	MF 42x3	3	200	42	102	32	24	27	4
21361-M45X1.5	MF 45x1.5	1,5	180	28	77	36	29	32	6
21361-M45X2	MF 45x2	2	180	30	77	36	29	32	6
21361-M45X3	MF 45x3	3	200	42	97	36	29	32	4
21361-M48X1.5	MF 48x1.5	1,5	190	28	87	36	29	32	6
21361-M48X2	MF 48x2	2	190	30	87	36	29	32	6
21361-M48X3	MF 48x3	3	225	45	122	36	29	32	4
21361-M50X1.5	MF 50x1.5	1,5	190	28	87	36	29	32	6
21361-M52X1.5	MF 52x1.5	1,5	190	29	60	40	32	35	6
21361-M52X2	MF 52x2	2	190	32	60	40	32	35	6
21361-M52X3	MF 52x3	3	225	45	95	40	32	35	6

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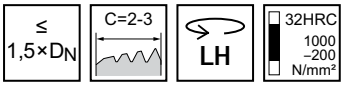
HSS-E machine taps

mm

Paradur® H

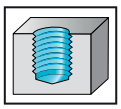


– For long- and short-chipping materials



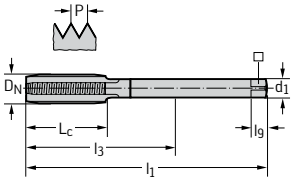
MF
DIN 13

ISO2/6H



	P	M	K	N	S	H	O
uncoated			●	●●			●

DIN 374



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
21368-M4X0.5	MF 4x0.5	0,5	63	12	43	2,8	2,1	5	3
21368-M5X0.5	MF 5x0.5	0,5	70	13	49	3,5	2,7	6	3
21368-M6X0.5	MF 6x0.5	0,5	80	15	59	4,5	3,4	6	3
21368-M6X0.75	MF 6x0.75	0,75	80	15	59	4,5	3,4	6	3
21368-M8X0.5	MF 8x0.5	0,5	80	15	57	6	4,9	8	3
21368-M8X0.75	MF 8x0.75	0,75	80	15	57	6	4,9	8	3
21368-M8X1	MF 8x1	1	90	18	67	6	4,9	8	3
21368-M10X0.75	MF 10x0.75	0,75	90	20	67	7	5,5	8	3
21368-M10X1	MF 10x1	1	90	20	67	7	5,5	8	3
21368-M12X1	MF 12x1	1	100	21	73	9	7	10	4
21368-M12X1.5	MF 12x1.5	1,5	100	21	73	9	7	10	4
21368-M14X1	MF 14x1	1	100	21	71	11	9	12	4
21368-M14X1.5	MF 14x1.5	1,5	100	21	71	11	9	12	4
21368-M16X1	MF 16x1	1	100	21	58	12	9	12	4
21368-M16X1.5	MF 16x1.5	1,5	100	21	58	12	9	12	4
21368-M18X1.5	MF 18x1.5	1,5	110	24	66	14	11	14	4
21368-M20X1.5	MF 20x1.5	1,5	125	24	80	16	12	15	4
21368-M22X1.5	MF 22x1.5	1,5	125	24	78	18	14,5	17	4
21368-M24X1.5	MF 24x1.5	1,5	140	26	93	18	14,5	17	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

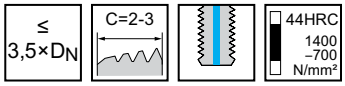
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HSS-E machine taps

TC130 Supreme mm



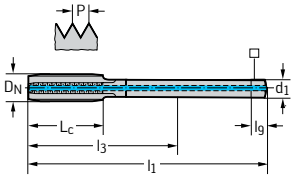
– WY80AA: Good Performance
– WY80EH: Excellent Performance



MF	6HX	
DIN 13		

	P	M	K	N	S	H	O
WY80AA	●●		●●	●			●
WY80EH	●●		●●	●			●

DIN 374



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80EH
TC130-M10X1-L1-	MF 10x1	1	90	20	67	7	5,5	8	3	😡	😡
TC130-M12X1.5-L1-	MF 12x1.5	1,5	100	21	73	9	7	10	3	😡	😡
TC130-M14X1.5-L1-	MF 14x1.5	1,5	100	21	71	11	9	12	3	😡	😡
TC130-M16X1.5-L1-	MF 16x1.5	1,5	100	21	58	12	9	12	3	😡	😡
TC130-M18X1.5-L1-	MF 18x1.5	1,5	110	24	66	14	11	14	3	😡	😡
TC130-M20X1.5-L1-	MF 20x1.5	1,5	125	24	80	16	12	15	3	😡	😡
TC130-M22X1.5-L1-	MF 22x1.5	1,5	125	24	78	18	14,5	17	3	😡	😡
TC130-M24X1.5-L1-	MF 24x1.5	1,5	140	26	93	18	14,5	17	4	😡	
TC130-M30X2-L1-	MF 30x2	2	150	26	85	22	18	21	4	😡	
TC130-M33X2-L1-	MF 33x2	2	160	28	93	25	20	23	4	😡	

Ordering example for the grade WY80AA: TC130-M10X1-L1-WY80AA

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = 😊 → Average = 😐 → Poor = 😡 machining conditions

😊 😐 😡 / ★ = New addition to the product range

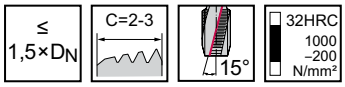
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HSS-E machine taps

mm

Paradur® N

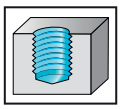




– For long-chipping materials

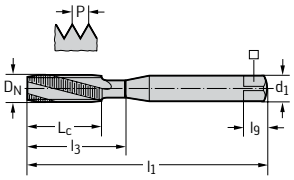
MF
DIN 13

ISO2/6H



	P	M	K	N	S	H	O
uncoated	●●		●●	●●			
TICN	●●		●●	●●			
TIN	●●		●●	●●			

DIN 371

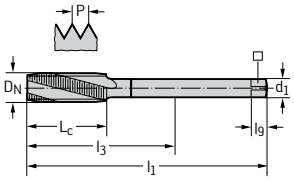


Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
21410-M4X0.5	MF 4x0.5	0,5	63	7	21	4,5	3,4	6	3
21410-M5X0.5	MF 5x0.5	0,5	70	8	25	6	4,9	8	3
21410-M6X0.5	MF 6x0.5	0,5	80	10	30	6	4,9	8	3
21410-M6X0.75	MF 6x0.75	0,75	80	10	30	6	4,9	8	3

l_9 dimensions in accordance with DIN 10

DIN 374



Parallel shank

Designation TICN	Designation TIN	Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
	2146005-M8X0.75	21460-M8X0.75	MF 8x0.75	0,75	80	10	57	6	4,9	8	3
2146006-M8X1	2146005-M8X1	21460-M8X1	MF 8x1	1	90	13	67	6	4,9	8	3
2146006-M10X1	2146005-M10X1	21460-M10X1	MF 10x1	1	90	12	67	7	5,5	8	3
		21460-M10X1.25	MF 10x1.25	1,25	100	15	77	7	5,5	8	3
2146006-M12X1	2146005-M12X1	21460-M12X1	MF 12x1	1	100	13	73	9	7	10	3
		21460-M12X1.25	MF 12x1.25	1,25	100	13	73	9	7	10	3
2146006-M12X1.5	2146005-M12X1.5	21460-M12X1.5	MF 12x1.5	1,5	100	21	73	9	7	10	3
		21460-M14X1	MF 14x1	1	100	15	71	11	9	12	4
		21460-M14X1.25	MF 14x1.25	1,25	100	15	71	11	9	12	4
2146006-M14X1.5	2146005-M14X1.5	21460-M14X1.5	MF 14x1.5	1,5	100	21	71	11	9	12	4
		21460-M16X1	MF 16x1	1	100	15	58	12	9	12	4
2146006-M16X1.5	2146005-M16X1.5	21460-M16X1.5	MF 16x1.5	1,5	100	21	58	12	9	12	4
2146006-M18X1.5	2146005-M18X1.5	21460-M18X1.5	MF 18x1.5	1,5	110	24	66	14	11	14	4
2146006-M20X1.5	2146005-M20X1.5	21460-M20X1.5	MF 20x1.5	1,5	125	24	80	16	12	15	4
		21460-M20X2	MF 20x2	2	140	30	95	16	12	15	4
	2146005-M22X1.5	21460-M22X1.5	MF 22x1.5	1,5	125	24	78	18	14,5	17	4
	2146005-M24X1.5	21460-M24X1.5	MF 24x1.5	1,5	140	26	93	18	14,5	17	4
		21460-M24X2	MF 24x2	2	140	26	93	18	14,5	17	4
		21460-M26X1.5	MF 26x1.5	1,5	140	26	93	18	14,5	17	4
		21460-M27X1.5	MF 27x1.5	1,5	140	26	77	20	16	19	4
		21460-M27X2	MF 27x2	2	140	26	77	20	16	19	4
		21460-M28X1.5	MF 28x1.5	1,5	140	26	77	20	16	19	4
		21460-M30X1.5	MF 30x1.5	1,5	150	26	85	22	18	21	4
		21460-M30X2	MF 30x2	2	150	26	85	22	18	21	4
		21460-M36X1.5	MF 36x1.5	1,5	170	28	101	28	22	25	4

l_9 dimensions in accordance with DIN 10

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

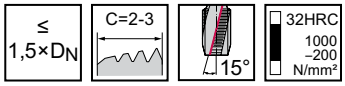
HSS-E machine taps

mm

Paradur® N

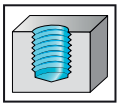


– For long-chipping materials



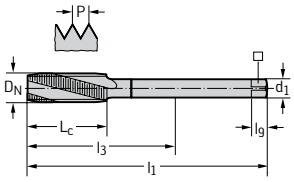
MF
DIN 13

ISO3/6G



	P	M	K	N	S	H	O
TIN	●●		●●	●●			
uncoated	●●		●●	●●			

DIN 374



Parallel shank

Designation TIN	Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
	21480-M4X0.5	MF 4x0.5	0,5	63	7	43	2,8	2,1	5	3
	21480-M5X0.5	MF 5x0.5	0,5	70	8	49	3,5	2,7	6	3
	21480-M6X0.5	MF 6x0.5	0,5	80	10	59	4,5	3,4	6	3
	21480-M6X0.75	MF 6x0.75	0,75	80	10	59	4,5	3,4	6	3
	21480-M8X0.75	MF 8x0.75	0,75	80	10	57	6	4,9	8	3
2148005-M8X1	21480-M8X1	MF 8x1	1	90	13	67	6	4,9	8	3
2148005-M10X1	21480-M10X1	MF 10x1	1	90	12	67	7	5,5	8	3
2148005-M12X1	21480-M12X1	MF 12x1	1	100	13	73	9	7	10	3
2148005-M12X1.5	21480-M12X1.5	MF 12x1.5	1,5	100	21	73	9	7	10	3
	21480-M14X1.5	MF 14x1.5	1,5	100	21	71	11	9	12	4
2148005-M16X1.5	21480-M16X1.5	MF 16x1.5	1,5	100	21	58	12	9	12	4
	21480-M18X1.5	MF 18x1.5	1,5	110	24	66	14	11	14	4
	21480-M20X1.5	MF 20x1.5	1,5	125	24	80	16	12	15	4
	21480-M22X1.5	MF 22x1.5	1,5	125	24	78	18	14,5	17	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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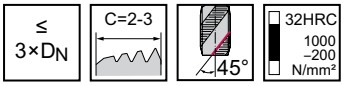
HSS-E machine taps

mm

Paradur® X·pert P

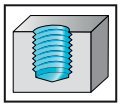


– For long-chipping materials



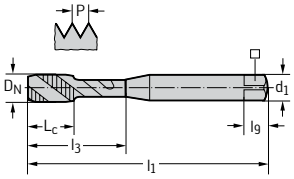
MF
DIN 13

ISO2/6H



	P	M	K	N	S	H	O
uncoated	●●			●			●
TIN	●●			●			●

DIN 371



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
P21519-M2.5X0.35	MF 2.5x0.35	0,35	50	4	12,5	2,8	2,1	5	3
P21519-M3X0.25	MF 3x0.25	0,25	56	6	18	3,5	2,7	6	3
P21519-M3X0.35	MF 3x0.35	0,35	56	6	18	3,5	2,7	6	3
P21519-M4X0.35	MF 4x0.35	0,35	63	7	21	4,5	3,4	6	3
P21519-M4X0.5	MF 4x0.5	0,5	63	7	21	4,5	3,4	6	3
P21519-M4.5X0.5	MF 4.5x0.5	0,5	70	8	25	6	4,9	8	3
P21519-M5X0.5	MF 5x0.5	0,5	70	8	25	6	4,9	8	3
P21519-M6X0.5	MF 6x0.5	0,5	80	10	30	6	4,9	8	3
P21519-M6X0.75	MF 6x0.75	0,75	80	10	30	6	4,9	8	3
P21519-M7X0.75	MF 7x0.75	0,75	80	10	30	7	5,5	8	3
P21519-M8X1	MF 8x1	1	90	12	35	8	6,2	9	3
P21519-M10X1	MF 10x1	1	90	12	39	10	8	11	3

C1

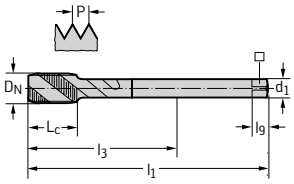
WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

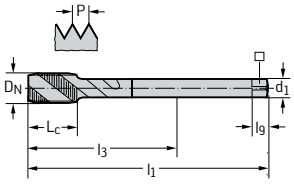
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DIN 374



Parallel shank

Designation TIN	Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
	P21569-M8X0.75	MF 8x0.75	0,75	80	10	57	6	4,9	8	3
P2156905-M8X1	P21569-M8X1	MF 8x1	1	90	12	67	6	4,9	8	3
	P21569-M9X1	MF 9x1	1	90	13	67	7	5,5	8	3
	P21569-M10X0.75	MF 10x0.75	0,75	90	12	67	7	5,5	8	3
P2156905-M10X1	P21569-M10X1	MF 10x1	1	90	12	67	7	5,5	8	3
P2156905-M10X1.25	P21569-M10X1.25	MF 10x1.25	1,25	100	15	77	7	5,5	8	3
P2156905-M12X1	P21569-M12X1	MF 12x1	1	100	13	73	9	7	10	4
P2156905-M12X1.25	P21569-M12X1.25	MF 12x1.25	1,25	100	13	73	9	7	10	4
P2156905-M12X1.5	P21569-M12X1.5	MF 12x1.5	1,5	100	13	73	9	7	10	4
	P21569-M14X1	MF 14x1	1	100	15	71	11	9	12	4
	P21569-M14X1.25	MF 14x1.25	1,25	100	15	71	11	9	12	4
P2156905-M14X1.5	P21569-M14X1.5	MF 14x1.5	1,5	100	15	71	11	9	12	4
	P21569-M16X1	MF 16x1	1	100	15	58	12	9	12	4
P2156905-M16X1.5	P21569-M16X1.5	MF 16x1.5	1,5	100	15	58	12	9	12	4
	P21569-M18X1	MF 18x1	1	110	17	66	14	11	14	4
P2156905-M18X1.5	P21569-M18X1.5	MF 18x1.5	1,5	110	17	66	14	11	14	4
	P21569-M20X1	MF 20x1	1	125	17	80	16	12	15	4
P2156905-M20X1.5	P21569-M20X1.5	MF 20x1.5	1,5	125	17	80	16	12	15	4
	P21569-M20X2	MF 20x2	2	140	25	95	16	12	15	4
	P21569-M22X1	MF 22x1	1	125	18	78	18	14,5	17	4
P2156905-M22X1.5	P21569-M22X1.5	MF 22x1.5	1,5	125	18	78	18	14,5	17	4
	P21569-M22X2	MF 22x2	2	140	20	93	18	14,5	17	4
	P21569-M24X1	MF 24x1	1	140	20	93	18	14,5	17	5
	P21569-M24X1.5	MF 24x1.5	1,5	140	20	93	18	14,5	17	5
	P21569-M24X2	MF 24x2	2	140	20	93	18	14,5	17	5
	P21569-M26X1.5	MF 26x1.5	1,5	140	20	93	18	14,5	17	5
	P21569-M27X1.5	MF 27x1.5	1,5	140	20	77	20	16	19	5
	P21569-M27X2	MF 27x2	2	140	20	77	20	16	19	5
	P21569-M30X1.5	MF 30x1.5	1,5	150	20	85	22	18	21	5
	P21569-M30X2	MF 30x2	2	150	20	85	22	18	21	5
	P21569-M32X1.5	MF 32x1.5	1,5	150	20	85	22	18	21	5
	P21569-M33X1.5	MF 33x1.5	1,5	160	22	93	25	20	23	5
	P21569-M33X2	MF 33x2	2	160	22	93	25	20	23	5
	P21569-M36X1.5	MF 36x1.5	1,5	170	22	101	28	22	25	5
	P21569-M36X2	MF 36x2	2	170	22	101	28	22	25	5



Parallel shank

	P21569-M36X3	MF 36x3	3	200	30	131	28	22	25	5
	P21569-M38X1.5	MF 38x1.5	1,5	170	22	101	28	22	25	5
	P21569-M39X2	MF 39x2	2	170	22	72	32	24	27	5
	P21569-M39X3	MF 39x3	3	200	33	102	32	24	27	5
	P21569-M40X1.5	MF 40x1.5	1,5	170	22	72	32	24	27	5
	P21569-M42X1.5	MF 42x1.5	1,5	170	22	72	32	24	27	6
	P21569-M42X2	MF 42x2	2	170	22	72	32	24	27	6
	P21569-M42X3	MF 42x3	3	200	33	102	32	24	27	6
	P21569-M45X1.5	MF 45x1.5	1,5	180	22	77	36	29	32	6
	P21569-M48X1.5	MF 48x1.5	1,5	190	22	87	36	29	32	6
	P21569-M48X2	MF 48x2	2	190	24	87	36	29	32	6
	P21569-M48X3	MF 48x3	3	225	36	122	36	29	32	6
	P21569-M52X3	MF 52x3	3	225	36	95	40	32	35	6

C1

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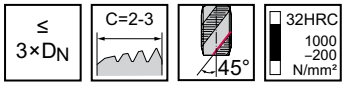
HSS-E machine taps

mm

Paradur® X·pert P

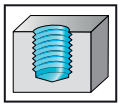


– For long-chipping materials



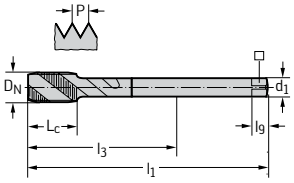
MF
DIN 13

ISO3/6G



	P	M	K	N	S	H	O
TIN	●●			●			●
uncoated	●●			●			●

DIN 374



Parallel shank

Designation TIN	Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
P2158905-M8X1	P21589-M8X1	MF 8x1	1	90	12	67	6	4,9	8	3
P2158905-M10X1	P21589-M10X1	MF 10x1	1	90	12	67	7	5,5	8	3
P2158905-M12X1	P21589-M12X1	MF 12x1	1	100	13	73	9	7	10	4
P2158905-M12X1.5	P21589-M12X1.5	MF 12x1.5	1,5	100	13	73	9	7	10	4
P2158905-M14X1.5	P21589-M14X1.5	MF 14x1.5	1,5	100	15	71	11	9	12	4
P2158905-M16X1.5	P21589-M16X1.5	MF 16x1.5	1,5	100	15	58	12	9	12	4
P2158905-M18X1.5		MF 18x1.5	1,5	110	17	66	14	11	14	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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HSS-E machine taps

mm

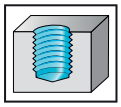
Paradur® Short Chip HT



– No problems working with steel materials: No bird nesting
– THL: Good chip control and good wear resistance

MF
DIN 13

6HX

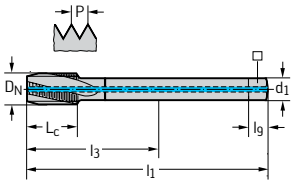


≤ 3,5×D_N | C=2-3 | 15° | 38HRC 1250 –800 N/mm²

	P	M	K	N	S	H	O
THL	●●		●	●			

DIN 376

Designation THL	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
21460T2-M12X1.5	MF 12x1.5	1,5	100	13	58	9	7	10	3
21460T2-M14X1.5	MF 14x1.5	1,5	100	15	71	11	9	12	4
21460T2-M16X1.5	MF 16x1.5	1,5	100	15	58	12	9	12	4



Parallel shank

21460TR: Uncoated rake

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

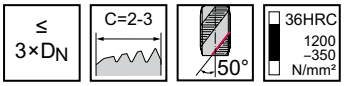
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HSS-E (-PM) machine taps

TC142 Supreme mm

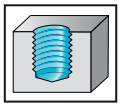


– WY80FC: Best chip control
– WW60RB: Best wear resistance



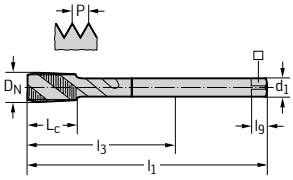
MF
DIN 13

6HX



	P	M	K	N	S	H	O
WW60RB	●	●●					

DIN 374



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60RB
TC142-M8X1-L0-	MF 8x1	1	90	12	67	6	4,9	8	3	☹
TC142-M10X1-L0-	MF 10x1	1	90	12	67	7	5,5	8	3	☹
TC142-M10X1.25-L0-	MF 10x1.25	1,25	100	15	77	7	5,5	8	3	☹
TC142-M12X1-L0-	MF 12x1	1	100	13	73	9	7	10	4	☹
TC142-M12X1.5-L0-	MF 12x1.5	1,5	100	13	73	9	7	10	4	☹
TC142-M14X1.5-L0-	MF 14x1.5	1,5	100	15	71	11	9	12	4	☹
TC142-M16X1.5-L0-	MF 16x1.5	1,5	100	15	58	12	9	12	4	☹
TC142-M20X1.5-L0-	MF 20x1.5	1,5	125	17	80	16	12	15	4	☹

Ordering example for the grade WW60RB: TC142-M10X1-L0-WW60RB

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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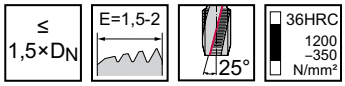
HSS-E machine taps

mm

Paradur Inox® 25

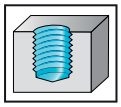


– For long-chipping materials



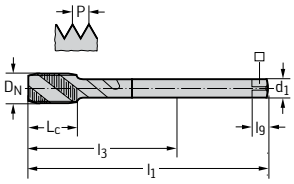
MF
DIN 13

6HX



	P	M	K	N	S	H	O
TIN	●●	●●					

DIN 374



Parallel shank

Designation TIN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
2156315-M10X1	MF 10x1	1	90	20	67	7	5,5	8	5
2156315-M12X1	MF 12x1	1	100	21	73	9	7	10	5
2156315-M12X1.5	MF 12x1.5	1,5	100	21	73	9	7	10	5
2156315-M14X1.5	MF 14x1.5	1,5	100	21	71	11	9	12	5
2156315-M16X1.5	MF 16x1.5	1,5	100	21	58	12	9	12	5
2156315-M18X1.5	MF 18x1.5	1,5	110	24	66	14	11	14	5
2156315-M20X1.5	MF 20x1.5	1,5	125	24	80	16	12	15	6
2156315-M22X1.5	MF 22x1.5	1,5	125	24	78	18	14,5	17	6
2156315-M24X1.5	MF 24x1.5	1,5	140	26	93	18	14,5	17	6

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E PM machine taps



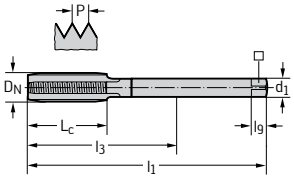
– For short-chipping materials
– Nitrided

MF DIN 13	6HX		

≤ 3×D_N	C=2-3	32HRC 1000 –100 N/mm²

	P	M	K	N	S	H	O
TICN			●●	●●			●●

Tool



Parallel shank

Designation TICN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 mm	□ mm	l_9 mm	N
E2136406-M6X0.75	MF 6x0.75	0,75	80	15	59	4,5	3,4	6	4
E2136406-M8X0.75	MF 8x0.75	0,75	80	15	57	6	4,9	8	4
E2136406-M8X1	MF 8x1	1	90	18	67	6	4,9	8	4
E2136406-M10X1	MF 10x1	1	90	20	67	7	5,5	8	4
E2136406-M10X1.25	MF 10x1.25	1,25	100	20	77	7	5,5	8	4
E2136406-M12X1	MF 12x1	1	100	21	73	9	7	10	4
E2136406-M12X1.25	MF 12x1.25	1,25	100	21	73	9	7	10	4
E2136406-M12X1.5	MF 12x1.5	1,5	100	21	73	9	7	10	4
E2136406-M14X1.5	MF 14x1.5	1,5	100	21	71	11	9	12	4
E2136406-M16X1.5	MF 16x1.5	1,5	100	21	58	12	9	12	4
E2136406-M18X1.5	MF 18x1.5	1,5	110	24	66	14	11	14	4
E2136406-M20X1.5	MF 20x1.5	1,5	125	24	80	16	12	15	4
E2136406-M22X1.5	MF 22x1.5	1,5	125	24	78	18	14,5	17	5
E2136406-M24X1.5	MF 24x1.5	1,5	140	26	93	18	14,5	17	5
E2136406-M26X1.5	MF 26x1.5	1,5	140	26	93	18	14,5	17	5
E2136406-M30X1.5	MF 30x1.5	1,5	150	26	85	22	18	21	5

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

www.isotool.se
Tel. 044 - 24 55 70

HSS-E PM machine taps

mm

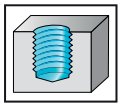
Paradur® Eco CI



– For short-chipping materials
– Nitrided

MF
DIN 13

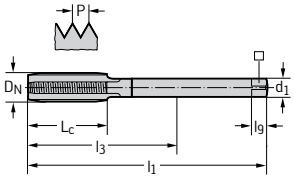
6HX



≤ 3×D_N | E=1,5-2 | 32HRC 1000 –100 N/mm²

	P	M	K	N	S	H	O
TICN			●●	●●			●●

DIN 374



Parallel shank

Designation TICN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
E2136466-M8X1	MF 8x1	1	90	18	67	6	4,9	8	4
E2136466-M10X1	MF 10x1	1	90	20	67	7	5,5	8	4
E2136466-M12X1	MF 12x1	1	100	21	73	9	7	10	4
E2136466-M12X1.5	MF 12x1.5	1,5	100	21	73	9	7	10	4
E2136466-M14X1.5	MF 14x1.5	1,5	100	21	71	11	9	12	4
E2136466-M16X1.5	MF 16x1.5	1,5	100	21	58	12	9	12	4
E2136466-M18X1.5	MF 18x1.5	1,5	110	24	66	14	11	14	4
E2136466-M20X1.5	MF 20x1.5	1,5	125	24	80	16	12	15	4
E2136466-M22X1.5	MF 22x1.5	1,5	125	24	78	18	14,5	17	5

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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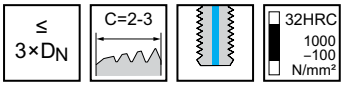
HSS-E PM machine taps

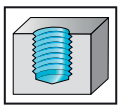
mm

Paradur® Eco CI



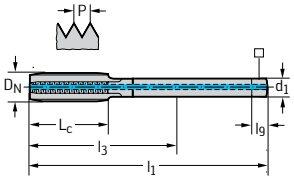
– For short-chipping materials
– Nitrided



MF DIN 13	6HX	

	P	M	K	N	S	H	O
TICN			●●	●●			●●

DIN 374



Parallel shank

Designation TICN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
E2136416-M8X1	MF 8x1	1	90	18	67	6	4,9	8	4
E2136416-M10X1	MF 10x1	1	90	20	67	7	5,5	8	4
E2136416-M12X1	MF 12x1	1	100	21	73	9	7	10	4
E2136416-M12X1.5	MF 12x1.5	1,5	100	21	73	9	7	10	4
E2136416-M14X1.5	MF 14x1.5	1,5	100	21	71	11	9	12	4
E2136416-M16X1.5	MF 16x1.5	1,5	100	21	58	12	9	12	4
E2136416-M18X1.5	MF 18x1.5	1,5	110	24	66	14	11	14	4
E2136416-M20X1.5	MF 20x1.5	1,5	125	24	80	16	12	15	4
E2136416-M22X1.5	MF 22x1.5	1,5	125	24	78	18	14,5	17	5

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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Tel. 044 - 24 55 70

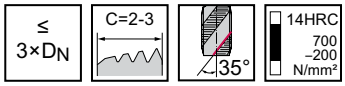
HSS-E machine taps

mm

Paradur® X·pert N

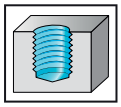


– For long-chipping materials



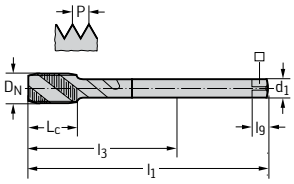
MF
DIN 13

ISO2/6H



	P	M	K	N	S	H	O
uncoated				●●	●		●

DIN 374



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
N21566-M8X1	MF 8x1	1	90	12	67	6	4,9	8	2
N21566-M10X1	MF 10x1	1	90	12	67	7	5,5	8	3
N21566-M12X1	MF 12x1	1	100	13	73	9	7	10	3
N21566-M12X1.5	MF 12x1.5	1,5	100	13	73	9	7	10	3
N21566-M14X1.5	MF 14x1.5	1,5	100	15	71	11	9	12	3
N21566-M16X1	MF 16x1	1	100	15	58	12	9	12	4
N21566-M16X1.5	MF 16x1.5	1,5	100	15	58	12	9	12	3
N21566-M18X1.5	MF 18x1.5	1,5	110	17	66	14	11	14	4
N21566-M20X1.5	MF 20x1.5	1,5	125	17	80	16	12	15	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = 😊 → Average = 😐 → Poor = ☹ machining conditions

😊 😐 ☹ / ★ = New addition to the product range

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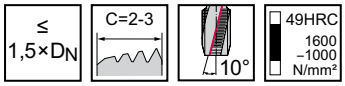
HSS-E PM machine taps

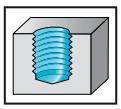
mm

Paradur® Ni 10



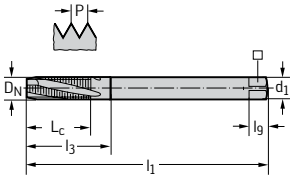
– For long- and short-chipping materials



MF DIN 13	6HX	

	P	M	K	N	S	H	O
uncoated	●●			●	●●		

~DIN 371



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
214101-M8X1	MF 8x1	1	90	20	66	8	6,2	9	3
214101-M10X1	MF 10x1	1	90	24	62	10	8	11	3
214101-M12X1.25	MF 12x1.25	1,25	100	28,5	58	12	9	12	4
214101-M12X1.5	MF 12x1.5	1,5	100	29,5	58	12	9	12	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

www.isotool.se
Tel. 044 - 24 55 70

HSS-E PM machine taps

mm

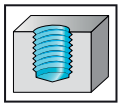
Paradur® Ti



– Recommended with oil
– For long-chipping materials

MF
DIN 13

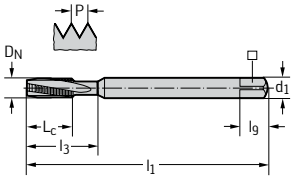
6HX



≤ 2×D_N | C=2-3 | 15° | 44HRC 1400 –700 N/mm²

	P	M	K	N	S	H	O
uncoated	●●			●	●●		

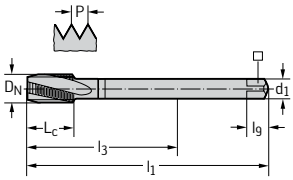
~DIN 371



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
21416-M8X0.75	MF 8x0.75	0,75	80	10	29	8	6,2	9	3
21416-M8X1	MF 8x1	1	90	12	29	8	6,2	9	3
21416-M10X1	MF 10x1	1	90	14	33	10	8	11	3

DIN 374



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
21466-M8X1	MF 8x1	1	90	12	67	6	4,9	8	3
21466-M10X1	MF 10x1	1	90	14	67	7	5,5	8	3
21466-M10X1.25	MF 10x1.25	1,25	100	20	77	7	5,5	8	3
21466-M12X1	MF 12x1	1	100	16	73	9	7	10	4
21466-M12X1.25	MF 12x1.25	1,25	100	21	73	9	7	10	4
21466-M12X1.5	MF 12x1.5	1,5	100	21	73	9	7	10	4
21466-M14X1	MF 14x1	1	100	16	71	11	9	12	4
21466-M14X1.5	MF 14x1.5	1,5	100	21	71	11	9	12	4
21466-M16X1	MF 16x1	1	100	18	58	12	9	12	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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Tel. 044 - 24 55 70

HSS-E PM machine taps

mm

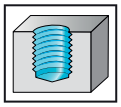
Paradur® Ti Plus



– Recommended with emulsion
– For long-chipping materials

MF
DIN 13

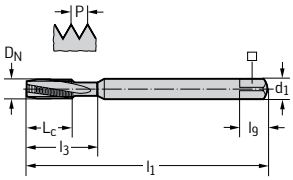
6HX



≤ 2×D_N | C=2-3 | 15° | 44HRC 1400 –700 N/mm²

	P	M	K	N	S	H	O
ACN					●●		

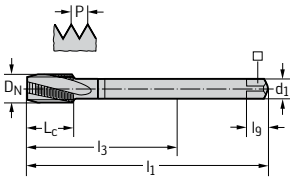
~DIN 371



Parallel shank

Designation ACN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
2141663-M6X0.75	MF 6x0.75	0,75	80	15	23	6	4,9	8	3
2141663-M8X0.75	MF 8x0.75	0,75	90	18	29,5	8	6,2	9	3
2141663-M8X1	MF 8x1	1	90	18	29,5	8	6,2	9	3
2141663-M10X1	MF 10x1	1	100	20	33,5	10	8	11	3

DIN 374



Parallel shank

Designation ACN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
2146663-M12X1.5	MF 12x1.5	1,5	100	21	73	9	7	10	4
2146663-M14X1.5	MF 14x1.5	1,5	100	21	71	11	9	12	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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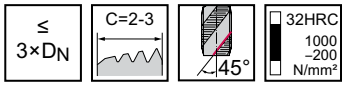
HSS-E machine taps

mm

Paradur® Uni

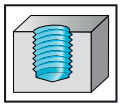


– For long-chipping materials



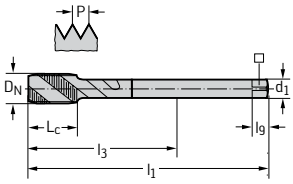
MF
DIN 13

ISO2/6H



	P	M	K	N	S	H	O
uncoated	●●		●	●			

DIN 374



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
7156770-M4X0.5	MF 4x0.5	0,5	63	7	43	2,8	2,1	5	3
7156770-M5X0.5	MF 5x0.5	0,5	70	8	49	3,5	2,7	6	3
7156770-M6X0.5	MF 6x0.5	0,5	80	10	59	4,5	3,4	6	3
7156770-M6X0.75	MF 6x0.75	0,75	80	10	59	4,5	3,4	6	3
7156770-M8X0.75	MF 8x0.75	0,75	80	10	57	6	4,9	8	3
7156770-M8X1	MF 8x1	1	90	12	67	6	4,9	8	3
7156770-M10X1	MF 10x1	1	90	12	67	7	5,5	8	3
7156770-M10X1.25	MF 10x1.25	1,25	100	15	77	7	5,5	8	3
7156770-M12X1	MF 12x1	1	100	13	73	9	7	10	4
7156770-M12X1.25	MF 12x1.25	1,25	100	13	73	9	7	10	4
7156770-M12X1.5	MF 12x1.5	1,5	100	13	73	9	7	10	4
7156770-M14X1.5	MF 14x1.5	1,5	100	15	71	11	9	12	4
7156770-M16X1.5	MF 16x1.5	1,5	100	15	58	12	9	12	5
7156770-M18X1.5	MF 18x1.5	1,5	110	17	66	14	11	14	5
7156770-M20X1.5	MF 20x1.5	1,5	125	17	80	16	12	15	5
7156770-M22X1.5	MF 22x1.5	1,5	125	18	78	18	14,5	17	5
7156770-M24X1.5	MF 24x1.5	1,5	140	20	93	18	14,5	17	5
7156770-M28X1.5	MF 28x1.5	1,5	140	20	77	20	16	19	5
7156770-M27X2	MF 27x2	2	140	20	77	20	16	19	5
7156770-M30X1.5	MF 30x1.5	1,5	150	20	85	22	18	21	5
7156770-M30X2	MF 30x2	2	150	20	85	22	18	21	5

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E PM machine taps

mm

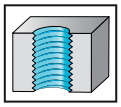
Prototex® Eco Plus



– For long-chipping materials

UNC
ASME B1.1

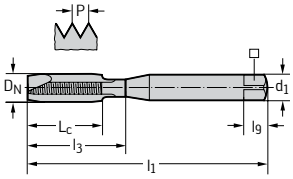
2B



≤ 3,5×D_N | B=3,5-5 | 42HRC 1350 –500 N/mm²

	P	M	K	N	S	H	O
THL	●●	●●	●●	●●			

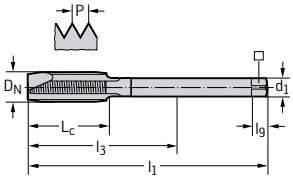
DIN 2184-1



Parallel shank

Designation THL	D_N-P	D_N mm	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2221302-UNC2	UNC #2-56	2,184		45	7	12	2,8	2,1	5	3
EP2221302-UNC4	UNC #4-40	2,845		56	9	18	3,5	2,7	6	3
EP2221302-UNC6	UNC #6-32	3,505		56	11	20	4	3	6	3
EP2221302-UNC8	UNC #8-32	4,166		63	12	21	4,5	3,4	6	3
EP2221302-UNC10	UNC #10-24	4,826		70	13	25	6	4,9	8	3
EP2221302-UNC1/4	UNC 1/4-20	6,35		80	15	30	7	5,5	8	3

DIN 2184-1



Parallel shank

Designation THL	D_N-P	D_N mm	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2226302-UNC5/16	UNC 5/16-18	7,938		90	18	67	6	4,9	8	3
EP2226302-UNC3/8	UNC 3/8-16	9,525		100	20	77	7	5,5	8	3
EP2226302-UNC1/2	UNC 1/2-13	12,7		110	23	83	9	7	10	4
EP2226302-UNC5/8	UNC 5/8-11	15,875		110	25	68	12	9	12	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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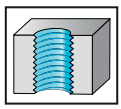
HSS-E machine taps
TD217 Advance inch
Thread·tec™ Omni



– Universal taps
– For 2B and 3B tolerances

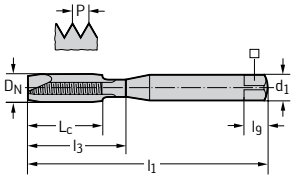
≤ 3×D_N | B=3,5-5 | 38HRC 1250 ~350 N/mm²

DIN ANSI | UNC ASME B1.1 | 2B / 3B



	P	M	K	N	S	H	O
WY80FC	●●	●●	●●	●●			
WY80RG	●	●●	●	●●			

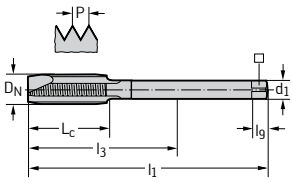
DIN-ANSI



Designation	D_N-P	D_N inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80FC	WY80RG
★ TD217.UNC1-G0-	UNC #1-64	0,073	1,772	0,236	0,354	0,141	0,110	0,19	2		☹
★ TD217.UNC2-G0-	UNC #2-56	0,086	1,772	0,276	0,472	0,141	0,110	0,19	2	☹	☹
★ TD217.UNC3-G0-	UNC #3-48	0,099	1,969	0,315	0,492	0,141	0,110	0,19	2		☹
★ TD217.UNC4-G0-	UNC #4-40	0,112	2,205	0,354	0,709	0,141	0,110	0,19	2	☹	☹
★ TD217.UNC5-G0-	UNC #5-40	0,125	2,205	0,394	0,709	0,141	0,110	0,19	2		☹
★ TD217.UNC6-G0-	UNC #6-32	0,138	2,205	0,433	0,787	0,141	0,110	0,19	2	☹	☹
★ TD217.UNC8-G0-	UNC #8-32	0,164	2,48	0,472	0,827	0,168	0,131	0,250	3	☹	☹
★ TD217.UNC10-G0-	UNC #10-24	0,190	2,756	0,512	0,984	0,194	0,152	0,250	3	☹	☹
★ TD217.UNC12-G0-	UNC #12-24	0,216	3,150	0,591	1,181	0,220	0,165	0,281	3		☹
★ TD217.UNC1/4-G0-	UNC 1/4-20	0,250	3,150	0,591	1,181	0,255	0,191	0,313	3	☹	☹
★ TD217.UNC5/16-G0-	UNC 5/16-18	0,312	3,543	0,709	1,378	0,318	0,238	0,380	3	☹	☹
★ TD217.UNC3/8-G0-	UNC 3/8-16	0,375	3,937	0,787	1,535	0,381	0,286	0,437	3	☹	☹

Ordering example for the grade WY80RG: TD217.UNC1-G0-WY80RG

DIN-ANSI



Designation	D_N-P	D_N inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80FC	WY80RG
★ TD217.UNC7/16-R0-	UNC 7/16-14	0,437	3,937	0,787	2,862	0,323	0,242	0,406	3	☹	☹
★ TD217.UNC1/2-R0-	UNC 1/2-13	0,500	4,331	0,906	3,224	0,367	0,275	0,437	3	☹	☹
★ TD217.UNC9/16-R0-	UNC 9/16-12	0,562	4,331	0,984	3,161	0,429	0,322	0,500	4		☹
★ TD217.UNC5/8-R0-	UNC 5/8-11	0,625	4,331	0,984	2,587	0,480	0,360	0,563	4	☹	☹
★ TD217.UNC3/4-R0-	UNC 3/4-10	0,750	4,921	1,181	3,051	0,590	0,442	0,689	4	☹	☹
★ TD217.UNC7/8-R0-	UNC 7/8-9	0,875	5,512	1,181	3,581	0,697	0,523	0,750	4	☹	☹
★ TD217.UNC1.0-R0-	UNC 1"-8	1,000	6,299	1,417	3,756	0,800	0,600	0,811	4	☹	☹

Ordering example for the grade WY80FC: TD217.UNC1.0-R0-WY80FC

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E machine taps

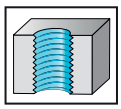
TD217 Advance inch

Thread·tec™ Omni



– Universal taps

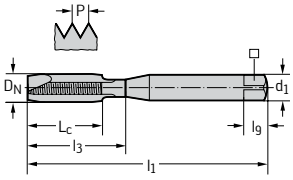
DIN ANSI | UNC ASME B1.1 | +.003" (H7)



≤ 3×D_N | B=3,5-5 | 38HRC 1250 –350 N/mm²

	P	M	K	N	S	H	O
WY80RG	●	●●	●	●●			

DIN-ANSI



Designation	D_N-P	D_N inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80RG
★ TD217.UNC6-E0-	UNC #6-32	0,138	2,205	0,433	0,787	0,141	0,110	0,19	2	☹
★ TD217.UNC8-E0-	UNC #8-32	0,164	2,48	0,472	0,984	0,168	0,131	0,250	3	☹
★ TD217.UNC10-E0-	UNC #10-24	0,190	2,756	0,512	0,984	0,194	0,152	0,250	3	☹
★ TD217.UNC1/4-E0-	UNC 1/4-20	0,250	3,150	0,591	1,181	0,255	0,191	0,313	3	☹
★ TD217.UNC5/16-E0-	UNC 5/16-18	0,312	3,543	0,709	1,378	0,318	0,238	0,380	3	☹

Ordering example for the grade WY80RG: TD217.UNC1/4-E0-WY80RG

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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HSS-E machine taps

TD217 Advance inch

Thread·tec™ Omni



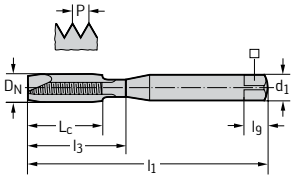
– Universal taps

DIN ANSI | UNC ASME B1.1 | +.005" (H11)

≤ 3×D_N | B=3,5-5 | 38HRC 1250 –350 N/mm²

	P	M	K	N	S	H	O
WY80RG	●	●●	●	●●			

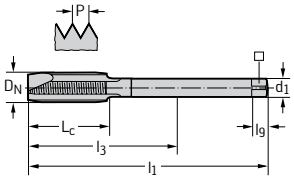
DIN-ANSI



Designation	D_N-P	D_N inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80RG
★ TD217.UNC1/4-F0-	UNC 1/4-20	0,250	3,150	0,591	1,181	0,255	0,191	0,313	3	
★ TD217.UNC5/16-F0-	UNC 5/16-18	0,312	3,543	0,709	1,378	0,318	0,238	0,380	3	
★ TD217.UNC3/8-F0-	UNC 3/8-16	0,375	3,937	0,787	1,535	0,381	0,286	0,437	3	

Ordering example for the grade WY80RG: TD217.UNC1/4-F0-WY80RG

DIN-ANSI



Designation	D_N-P	D_N inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80RG
★ TD217.UNC7/16-P0-	UNC 7/16-14	0,437	3,937	0,787	2,862	0,323	0,242	0,406	3	
★ TD217.UNC1/2-P0-	UNC 1/2-13	0,500	4,331	0,906	3,224	0,367	0,275	0,437	3	
★ TD217.UNC3/4-P0-	UNC 3/4-10	0,750	4,921	1,181	3,051	0,590	0,442	0,689	4	

Ordering example for the grade WY80RG: TD217.UNC1/2-P0-WY80RG

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E machine taps

TD217 Advance mm

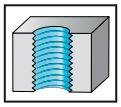
Thread·tec™ Omni



– Universal taps

UNC
ASME B1.1

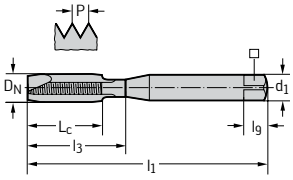
2B



≤ 3×D_N | B=3,5-5 | 38HRC 1250 ~350 N/mm²

	P	M	K	N	S	H	O
WY80AA	●●	●	●●	●			
WY80FC	●●	●●	●●	●●			

DIN 2184-1

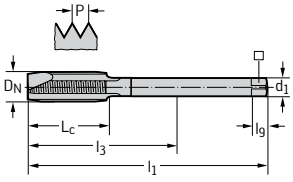


Parallel shank

Designation	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80FC
★ TD217-UNC2-C0-	UNC #2-56	2,184	45	7	12	2,8	2,1	5	2	☹	☹
★ TD217-UNC3-C0-	UNC #3-48	2,515	50	8	12,5	2,8	2,1	5	2	☹	☹
★ TD217-UNC4-C0-	UNC #4-40	2,845	56	9	18	3,5	2,7	6	2	☹	☹
★ TD217-UNC5-C0-	UNC #5-40	3,175	56	10	18	3,5	2,7	6	2	☹	☹
★ TD217-UNC6-C0-	UNC #6-32	3,505	56	11	20	4	3	6	2	☹	☹
★ TD217-UNC8-C0-	UNC #8-32	4,166	63	12	21	4,5	3,4	6	3	☹	☹
★ TD217-UNC10-C0-	UNC #10-24	4,826	70	13	25	6	4,9	8	3	☹	☹
★ TD217-UNC12-C0-	UNC #12-24	5,486	80	15	30	6	4,9	8	3		☹
★ TD217-UNC1/4-C0-	UNC 1/4-20	6,35	80	15	30	7	5,5	8	3	☹	☹
★ TD217-UNC5/16-C0-	UNC 5/16-18	7,938	90	18	35	8	6,2	9	3		☹
★ TD217-UNC3/8-C0-	UNC 3/8-16	9,525	100	20	39	10	8	11	3		☹

Ordering example for the grade WY80AA: TD217-UNC1/4-C0-WY80AA

DIN 2184-1



Parallel shank

Designation	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80FC
★ TD217-UNC5/16-L0-	UNC 5/16-18	7,938	90	18	67	6	4,9	8	3		☹
★ TD217-UNC3/8-L0-	UNC 3/8-16	9,525	100	20	77	7	5,5	8	3	☹	☹
★ TD217-UNC7/16-L0-	UNC 7/16-14	11,113	100	20	76	8	6,2	9	3		☹
★ TD217-UNC1/2-L0-	UNC 1/2-13	12,7	110	23	83	9	7	10	3	☹	☹
★ TD217-UNC9/16-L0-	UNC 9/16-12	14,288	110	25	81	11	9	12	4		☹
★ TD217-UNC5/8-L0-	UNC 5/8-11	15,875	110	25	68	12	9	12	4	☹	☹
★ TD217-UNC3/4-L0-	UNC 3/4-10	19,05	125	30	81	14	11	14	4	☹	☹
★ TD217-UNC7/8-L0-	UNC 7/8-9	22,225	140	30	93	18	14,5	17	4		☹
★ TD217-UNC1-L0-	UNC 1"-8	25,4	160	36	113	18	14,5	17	4		☹
★ TD217-UNC1.1/8-L0-	UNC 1.1/8-7	28,575	180	42	115	22	18	21	4		☹
★ TD217-UNC1.1/4-L0-	UNC 1.1/4-7	31,75	180	42	115	22	18	21	4		☹
★ TD217-UNC1.1/2-L0-	UNC 1.1/2-6	38,1	200	48	131	28	22	25	4		☹

Ordering example for the grade WY80FC: TD217-UNC1-L0-WY80FC

WALTER SELECT

●● Primary application ● Other application

Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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HSS-E machine taps

TD217 Advance mm

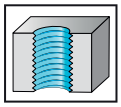
Thread·tec™ Omni



– Universal taps

UNC
ASME B1.1

3B



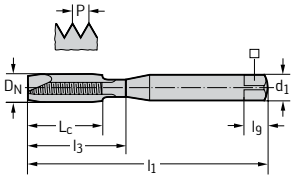
≤ 3×D_N

B=3,5-5

38HRC
1250
–350
N/mm²

	P	M	K	N	S	H	O
WY80FC	●●	●●	●●	●●			

DIN 2184-1



Parallel shank

Designation	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80FC
★ TD217-UNC2-BN-	UNC #2-56	2,184	45	7	12	2,8	2,1	5	2	😡
★ TD217-UNC4-BN-	UNC #4-40	2,845	56	9	18	3,5	2,7	6	2	😡
★ TD217-UNC6-BN-	UNC #6-32	3,505	56	11	20	4	3	6	2	😡
★ TD217-UNC8-BN-	UNC #8-32	4,166	63	12	21	4,5	3,4	6	3	😡

Ordering example for the grade WY80FC: TD217-UNC2-BN-WY80FC

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = 😊 → Average = 😐 → Poor = 😡 machining conditions

😊 😐 😡 / ★ = New addition to the product range

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HSS-E machine taps

TD217 Advance mm

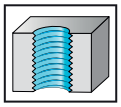
Thread·tec™ Omni



– Universal taps

UNC
ASME B1.1

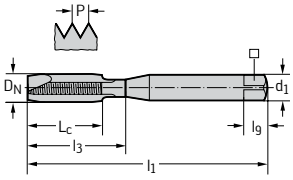
2B



≤ 3×D_N | B=3,5-5 | 38HRC 1250 –350 N/mm²

	P	M	K	N	S	H	O
WY80FC	●●	●●	●●	●●			

DIN 2184-1



Parallel shank

Designation	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80FC
★ TD217-UNC2-CN-	UNC #2-56	2,184	45	7	12	2,8	2,1	5	2	
★ TD217-UNC4-CN-	UNC #4-40	2,845	56	9	18	3,5	2,7	6	2	
★ TD217-UNC6-CN-	UNC #6-32	3,505	56	11	20	4	3	6	2	
★ TD217-UNC8-CN-	UNC #8-32	4,166	63	12	21	4,5	3,4	6	3	

Ordering example for the grade WY80FC: TD217-UNC2-CN-WY80FC

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

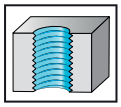
www.isotool.se
Tel. 044 - 24 55 70

HSS-E machine taps

TC216 Perform mm



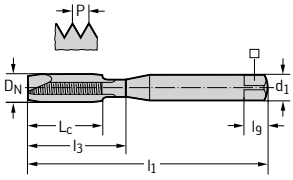
– For long-chipping materials

UNC ASME B1.1	2B	

≤ 3×D_N | B=3,5-5 | 32HRC, 1000 –350 N/mm²

	P	M	K	N	S	H	O
WY80AA	●●	●●	●●	●●			

DIN 371

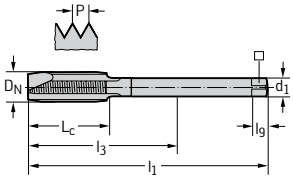


Parallel shank

Designation	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA
TC216-UNC6-C0-	UNC #6-32	3,505	56	11	20	4	3	6	3	⊗
TC216-UNC8-C0-	UNC #8-32	4,166	63	12	21	4,5	3,4	6	3	⊗
TC216-UNC10-C0-	UNC #10-24	4,826	70	13	25	6	4,9	8	3	⊗
TC216-UNC1/4-C0-	UNC 1/4-20	6,35	80	15	30	7	5,5	8	3	⊗
TC216-UNC5/16-C0-	UNC 5/16-18	7,938	90	18	35	8	6,2	9	3	⊗
TC216-UNC3/8-C0-	UNC 3/8-16	9,525	100	20	39	10	8	11	3	⊗

Ordering example for the grade WY80AA: TC216-UNC1/4-C0-WY80AA

DIN 376



Parallel shank

Designation	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA
TC216-UNC1/2-L0-	UNC 1/2-13	12,7	110	23	83	9	7	10	4	⊗
TC216-UNC5/8-L0-	UNC 5/8-11	15,875	110	25	68	12	9	12	4	⊗
TC216-UNC3/4-L0-	UNC 3/4-10	19,05	125	30	81	14	11	14	4	⊗

Ordering example for the grade WY80AA: TC216-UNC1/2-L0-WY80AA

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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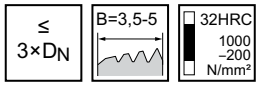
HSS-E machine taps

mm

Prototex® X-pert P

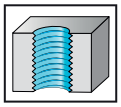


– For long-chipping materials



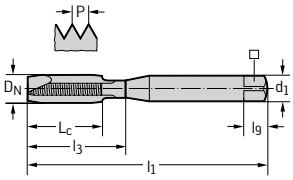
UNC
ASME B1.1

3B



	P	M	K	N	S	H	O
uncoated	●●			●			●

DIN 2184-1-B



Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
P22200-UNC2	UNC #2-56	2,184	45	7	12	2,8	2,1	5	2
P22200-UNC4	UNC #4-40	2,845	56	9	18	3,5	2,7	6	2
P22200-UNC6	UNC #6-32	3,505	56	11	20	4	3	6	2
P22200-UNC8	UNC #8-32	4,166	63	12	21	4,5	3,4	6	2

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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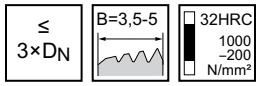
HSS-E machine taps

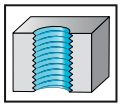
mm

Prototex® X-pert P



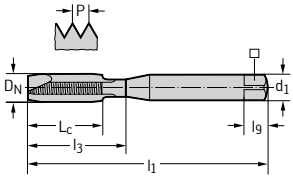
– For long-chipping materials



UNC ASME B1.1	2B	

	P	M	K	N	S	H	O
uncoated	●●			●			●

DIN 2184-1



Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
P22210-UNC2	UNC #2-56	2,184	45	7	12	2,8	2,1	5	2
P22210-UNC4	UNC #4-40	2,845	56	9	18	3,5	2,7	6	2
P22210-UNC6	UNC #6-32	3,505	56	11	20	4	3	6	2
P22210-UNC8	UNC #8-32	4,166	63	12	21	4,5	3,4	6	2

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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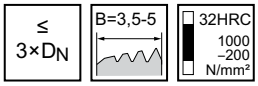
HSS-E machine taps

mm

Prototex® X-pert P

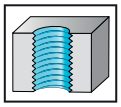



– For long-chipping materials



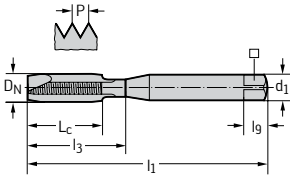
UNC
ASME B1.1

2B



	P	M	K	N	S	H	O
TIN	●●			●			●
uncoated	●●			●			●

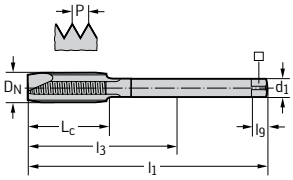
DIN 2184-1



Parallel shank

Designation TIN	Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
	P22310-UNC2	UNC #2-56	2,184	45	7	12	2,8	2,1	5	3
	P22310-UNC4	UNC #4-40	2,845	56	9	18	3,5	2,7	6	3
	P22310-UNC5	UNC #5-40	3,175	56	10	18	3,5	2,7	6	3
P2231005-UNC6	P22310-UNC6	UNC #6-32	3,505	56	11	20	4	3	6	3
	P22310-UNC8	UNC #8-32	4,166	63	12	21	4,5	3,4	6	3
	P22310-UNC10	UNC #10-24	4,826	70	13	25	6	4,9	8	3
	P22310-UNC12	UNC #12-24	5,486	80	15	30	6	4,9	8	3
	P22310-UNC1/4	UNC 1/4-20	6,35	80	15	30	7	5,5	8	3
	P22310-UNC5/16	UNC 5/16-18	7,938	90	18	35	8	6,2	9	3
	P22310-UNC3/8	UNC 3/8-16	9,525	100	20	39	10	8	11	3

DIN 2184-1



Parallel shank

Designation TIN	Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
	P22360-UNC7/16	UNC 7/16-14	11,113	100	20	76	8	6,2	9	3
P2236005-UNC1/2	P22360-UNC1/2	UNC 1/2-13	12,7	110	23	83	9	7	10	3
	P22360-UNC9/16	UNC 9/16-12	14,288	110	25	81	11	9	12	3
P2236005-UNC5/8	P22360-UNC5/8	UNC 5/8-11	15,875	110	25	68	12	9	12	3
P2236005-UNC3/4	P22360-UNC3/4	UNC 3/4-10	19,05	125	30	81	14	11	14	3
	P22360-UNC7/8	UNC 7/8-9	22,225	140	30	93	18	14,5	17	3
	P22360-UNC1	UNC 1"-8	25,4	160	36	113	18	14,5	17	3
	P22360-UNC1.1/4	UNC 1.1/4-7	31,75	180	42	115	22	18	21	4
	P22360-UNC1.1/8	UNC 1.1/8-7	28,575	180	42	115	22	18	21	4
	P22360-UNC1.1/2	UNC 1.1/2-6	38,1	200	48	131	28	22	25	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☻ ☻ ☻ / ★

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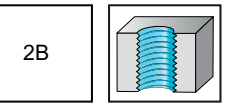
HSS-E machine taps

mm

Prototex® X-pert M



– For long-chipping materials

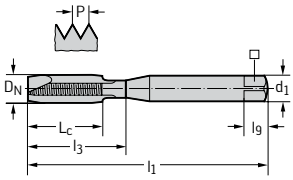


UNC
ASME B1.1

2B

	P	M	K	N	S	H	O
TIN	●	●●					
VAP	●	●●					

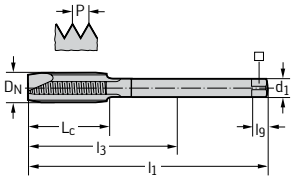
DIN 2184-1



Parallel shank

Designation TIN	Designation VAP	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
M2221305-UNC2	M22213-UNC2	UNC #2-56	2,184	45	7	12	2,8	2,1	5	2
M2221305-UNC3	M22213-UNC3	UNC #3-48	2,515	50	8	12,5	2,8	2,1	5	2
M2221305-UNC4	M22213-UNC4	UNC #4-40	2,845	56	9	18	3,5	2,7	6	2
M2221305-UNC5	M22213-UNC5	UNC #5-40	3,175	56	10	18	3,5	2,7	6	2
M2221305-UNC6	M22213-UNC6	UNC #6-32	3,505	56	11	20	4	3	6	2
M2221305-UNC8	M22213-UNC8	UNC #8-32	4,166	63	12	21	4,5	3,4	6	3
M2221305-UNC10	M22213-UNC10	UNC #10-24	4,826	70	13	25	6	4,9	8	3
	M22213-UNC12	UNC #12-24	5,486	80	15	30	6	4,9	8	3
M2221305-UNC1/4	M22213-UNC1/4	UNC 1/4-20	6,35	80	15	30	7	5,5	8	3

DIN 2184-1



Parallel shank

Designation TIN	Designation VAP	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
	M22263-UNC5/16	UNC 5/16-18	7,938	90	18	67	6	4,9	8	3
M2226305-UNC3/8	M22263-UNC3/8	UNC 3/8-16	9,525	100	20	77	7	5,5	8	3
	M22263-UNC7/16	UNC 7/16-14	11,113	100	20	76	8	6,2	9	3
M2226305-UNC1/2	M22263-UNC1/2	UNC 1/2-13	12,7	110	23	83	9	7	10	4
	M22263-UNC9/16	UNC 9/16-12	14,288	110	25	81	11	9	12	4
	M22263-UNC5/8	UNC 5/8-11	15,875	110	25	68	12	9	12	4
	M22263-UNC3/4	UNC 3/4-10	19,05	125	30	81	14	11	14	4
	M22263-UNC7/8	UNC 7/8-9	22,225	140	30	93	18	14,5	17	4
	M22263-UNC1	UNC 1"-8	25,4	160	36	113	18	14,5	17	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E PM machine taps

mm

Prototex® TiNi

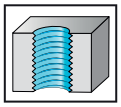



– Recommended with oil
– For long-chipping materials

≤ 2×D_N | B=3,5-5 | 44HRC 1400 –700 N/mm²

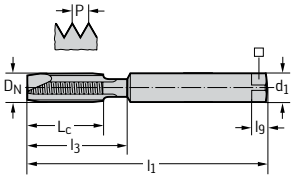
UNC
ASME B1.1

3B



	P	M	K	N	S	H	O
TICN	●●	●●		●	●●		
uncoated	●●	●●		●	●●		

~DIN 2184-1

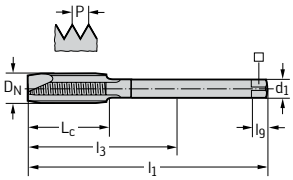


Parallel shank

Designation TICN	Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
2220706-UNC2	22207-UNC2	UNC #2-56	2,184	45	9	9	2,8	2,1	5	2
	22207-UNC4	UNC #4-40	2,845	56	10	10	3,5	2,7	6	2
	22207-UNC5	UNC #5-40	3,175	56	10	10	3,5	2,7	6	2
2220706-UNC6	22207-UNC6	UNC #6-32	3,505	56	12	12	4	3	6	3
2220706-UNC8	22207-UNC8	UNC #8-32	4,166	63	13	13	4,5	3,4	6	3
2220706-UNC10	22207-UNC10	UNC #10-24	4,826	70	16	16	6	4,9	8	3
	22207-UNC1/4	UNC 1/4-20	6,35	80	15	25	7	5,5	8	3
2220706-UNC5/16	22207-UNC5/16	UNC 5/16-18	7,938	90	18	29,5	8	6,2	9	3
	22207-UNC3/8	UNC 3/8-16	9,525	100	20	33,5	10	8	11	3

≤ UNC 10: Without reduced neck after the thread

DIN 2184-1



Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
22257-UNC1/2	UNC 1/2-13	12,7	110	23	83	9	7	10	4
22257-UNC5/8	UNC 5/8-11	15,875	110	25	68	12	9	12	4
22257-UNC3/4	UNC 3/4-10	19,05	125	30	81	14	11	14	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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HSS-E PM machine taps

mm

Prototex® TiNi

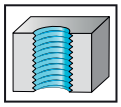


– Recommended with oil
– For long-chipping materials

≤ 2×D_N | B=3,5-5 | 44HRC, 1400 –700 N/mm²

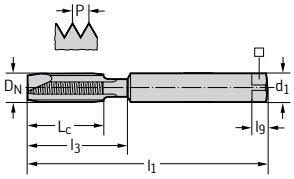
UNC
ASME B1.1

2B



	P	M	K	N	S	H	O
TICN	●●	●●		●	●●		
uncoated	●●	●●		●	●●		

~DIN 2184-1

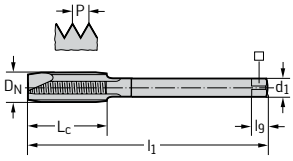


Parallel shank

Designation TICN	Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
2221706-UNC2	22217-UNC2	UNC #2-56	2,184	45	9	9	2,8	2,1	5	2
2221706-UNC4	22217-UNC4	UNC #4-40	2,845	56	10	10	3,5	2,7	6	2
2221706-UNC5	22217-UNC5	UNC #5-40	3,175	56	10	10	3,5	2,7	6	2
2221706-UNC6	22217-UNC6	UNC #6-32	3,505	56	12	12	4	3	6	3
2221706-UNC8	22217-UNC8	UNC #8-32	4,166	63	13	13	4,5	3,4	6	3
2221706-UNC10	22217-UNC10	UNC #10-24	4,826	70	16	16	6	4,9	8	3
2221706-UNC1/4		UNC 1/4-20	6,35	80	15	25	7	5,5	8	3
2221706-UNC5/16	22217-UNC5/16	UNC 5/16-18	7,938	90	18	29,5	8	6,2	9	3
2221706-UNC3/8	22217-UNC3/8	UNC 3/8-16	9,525	100	20	33,5	10	8	11	3

≤ UNC 10: Without reduced neck after the thread

DIN 2184-1



Parallel shank

Designation TICN	Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
2226706-UNC7/16	22267-UNC7/16	UNC 7/16-14	11,113	100	20	76	8	6,2	9	4
2226706-UNC1/2	22267-UNC1/2	UNC 1/2-13	12,7	110	23	83	9	7	10	4
2226706-UNC9/16		UNC 9/16-12	14,288	110	25	81	11	9	12	4
2226706-UNC5/8	22267-UNC5/8	UNC 5/8-11	15,875	110	25	68	12	9	12	4
2226706-UNC3/4	22267-UNC3/4	UNC 3/4-10	19,05	125	30	81	14	11	14	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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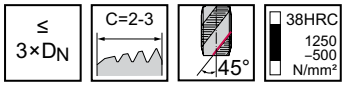
HSS-E PM machine taps

mm

Paradur® Eco Plus



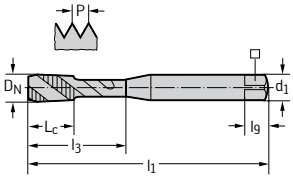
– For long-chipping materials



UNC	2B	
ASME B1.1		

	P	M	K	N	S	H	O
THL	●●	●●	●●	●●			

~DIN 2184-1

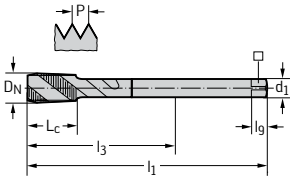


Parallel shank

Designation THL	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2251302-UNC2	UNC #2-56	2,184	45	4	8,4	2,8	2,1	5	3
EP2251302-UNC4	UNC #4-40	2,845	56	6	11	3,5	2,7	6	3
EP2251302-UNC6	UNC #6-32	3,505	56	6,5	13,7	4	3	6	3
EP2251302-UNC8	UNC #8-32	4,166	63	7	17,8	4,5	3,4	6	3
EP2251302-UNC10	UNC #10-24	4,826	70	8	20,7	6	4,9	8	3
EP2251302-UNC1/4	UNC 1/4-20	6,35	80	10	27,3	7	5,5	8	3

UNC 2: Without thread taper

DIN 2184-1



Parallel shank

Designation THL	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2256302-UNC5/16	UNC 5/16-18	7,938	90	12	67	6	4,9	8	3
EP2256302-UNC3/8	UNC 3/8-16	9,525	100	15	77	7	5,5	8	3
EP2256302-UNC1/2	UNC 1/2-13	12,7	110	18	83	9	7	10	4
EP2256302-UNC5/8	UNC 5/8-11	15,875	110	20	68	12	9	12	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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HSS-E PM machine taps

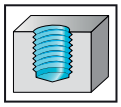
mm

Paradur® Eco Plus



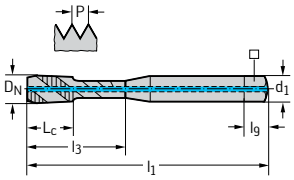

– For long-chipping materials



UNC ASME B1.1	2B	

	P	M	K	N	S	H	O
THL	●●	●●	●●	●●			

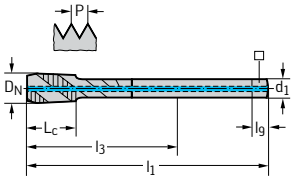
~DIN 2184-1



Parallel shank

Designation THL	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2251312-UNC1/4	UNC 1/4-20	6,35	80	10	27,3	7	5,5	8	3

DIN 2184-1



Parallel shank

Designation THL	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2256312-UNC5/16	UNC 5/16-18	7,938	90	12	67	6	4,9	8	3
EP2256312-UNC3/8	UNC 3/8-16	9,525	100	15	77	7	5,5	8	3
EP2256312-UNC1/2	UNC 1/2-13	12,7	110	18	83	9	7	10	4
EP2256312-UNC5/8	UNC 5/8-11	15,875	110	20	68	12	9	12	4
EP2256312-UNC3/4	UNC 3/4-10	19,05	125	25	81	14	11	14	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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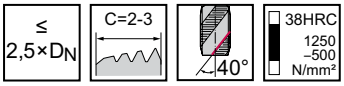
HSS-E machine taps

TD117 Advance inch

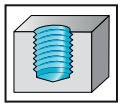
Thread·tec™ Omni



– Universal taps
– For 2B and 3B tolerances

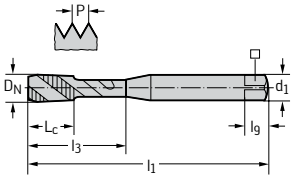


DIN ANSI | UNC ASME B1.1 | 2B / 3B



	P	M	K	N	S	H	O
WY80FC	●●	●●	●●	●●			
WY80RG	●	●●	●	●●			

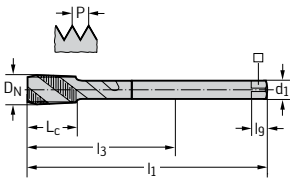
DIN-ANSI



Designation	D_N-P	D_N inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80FC	WY80RG
★ TD117.UNC1-G0-	UNC #1-64	0,073	1,772	0,157	0,354	0,141	0,110	0,19	3		☹
★ TD117.UNC2-G0-	UNC #2-56	0,086	1,772	0,157	0,472	0,141	0,110	0,19	3	☹	☹
★ TD117.UNC3-G0-	UNC #3-48	0,099	1,969	0,157	0,492	0,141	0,110	0,19	3		☹
★ TD117.UNC4-G0-	UNC #4-40	0,112	2,205	0,236	0,709	0,141	0,110	0,19	3	☹	☹
★ TD117.UNC5-G0-	UNC #5-40	0,125	2,205	0,236	0,709	0,141	0,110	0,19	3	☹	☹
★ TD117.UNC6-G0-	UNC #6-32	0,138	2,205	0,256	0,787	0,141	0,110	0,19	3	☹	☹
★ TD117.UNC8-G0-	UNC #8-32	0,164	2,48	0,276	0,827	0,168	0,131	0,250	3	☹	☹
★ TD117.UNC10-G0-	UNC #10-24	0,190	2,756	0,315	0,984	0,194	0,152	0,250	3	☹	☹
★ TD117.UNC12-G0-	UNC #12-24	0,216	3,150	0,394	1,181	0,220	0,165	0,281	3		☹
★ TD117.UNC1/4-G0-	UNC 1/4-20	0,250	3,150	0,394	1,181	0,255	0,191	0,313	3	☹	☹
★ TD117.UNC5/16-G0-	UNC 5/16-18	0,312	3,543	0,472	1,378	0,318	0,238	0,380	3	☹	☹
★ TD117.UNC3/8-G0-	UNC 3/8-16	0,375	3,937	0,591	1,535	0,381	0,286	0,437	3	☹	☹

Ordering example for the grade WY80RG: TD117.UNC1-G0-WY80RG

DIN-ANSI



Designation	D_N-P	D_N inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80FC	WY80RG
★ TD117.UNC7/16-R0-	UNC 7/16-14	0,437	3,937	0,591	2,862	0,323	0,242	0,406	3	☹	☹
★ TD117.UNC1/2-R0-	UNC 1/2-13	0,500	4,331	0,709	3,224	0,367	0,275	0,437	4	☹	☹
★ TD117.UNC9/16-R0-	UNC 9/16-12	0,562	4,331	0,787	3,161	0,429	0,322	0,500	4		☹
★ TD117.UNC5/8-R0-	UNC 5/8-11	0,625	4,331	0,787	2,587	0,480	0,360	0,563	4	☹	☹
★ TD117.UNC3/4-R0-	UNC 3/4-10	0,750	4,921	0,984	3,051	0,590	0,442	0,689	4	☹	☹
★ TD117.UNC7/8-R0-	UNC 7/8-9	0,875	5,512	0,984	3,581	0,697	0,523	0,750	4	☹	☹
★ TD117.UNC1.0-R0-	UNC 1"-8	1,000	6,299	1,181	3,756	0,800	0,600	0,811	4	☹	☹
★ TD117.UNC1.1/8-R0-	UNC 1.1/8-7	1,125	7,087	1,378	4,474	0,896	0,672	0,880	5		☹
★ TD117.UNC1.1/4-R0-	UNC 1.1/4-7	1,250	7,087	1,378	4,354	1,021	0,766	1,000	5		☹
★ TD117.UNC1.1/2-R0-	UNC 1.1/2-6	1,500	7,874	1,575	3,953	1,233	0,925	1,126	5		☹

Ordering example for the grade WY80FC: TD117.UNC1.0-R0-WY80FC

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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HSS-E machine taps

TD117 Advance inch

Thread·tec™ Omni

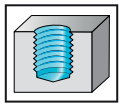


– Universal taps

DIN ANSI

UNC
ASME B1.1

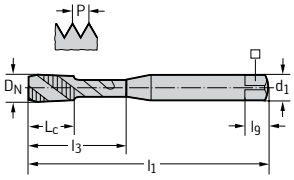
+.003"
(H7)



≤ 2,5×D_N | C=2-3 | 40° | 38HRC 1250 –500 N/mm²

	P	M	K	N	S	H	O
WY80RG	●	●●	●	●●			

DIN-ANSI



Designation	D_N-P	D_N inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80RG
★ TD117.UNC8-E0-	UNC #8-32	0,164	2,48	0,276	0,827	0,168	0,131	0,250	3	
★ TD117.UNC1/4-E0-	UNC 1/4-20	0,250	3,150	0,394	1,181	0,255	0,191	0,313	3	
★ TD117.UNC5/16-E0-	UNC 5/16-18	0,312	3,543	0,472	1,378	0,318	0,238	0,380	3	

Ordering example for the grade WY80RG: TD117.UNC1/4-E0-WY80RG

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E machine taps

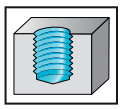
TD117 Advance inch

Thread·tec™ Omni



– Universal taps

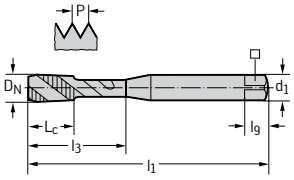
DIN ANSI | UNC ASME B1.1 | +.005" (H11)



≤ 2,5×D_N | C=2-3 | 40° | 38HRC 1250 –500 N/mm²

	P	M	K	N	S	H	O
WY80RG	●	●●	●	●●			

DIN-ANSI

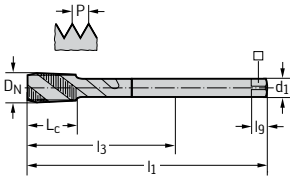


Designation	D_N-P	D_N inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80RG
★ TD117.UNC1/4-F0-	UNC 1/4-20	0,250	3,150	0,394	1,181	0,255	0,191	0,313	3	☹
★ TD117.UNC3/8-F0-	UNC 3/8-16	0,375	3,937	0,591	1,535	0,381	0,286	0,437	3	☹

Ordering example for the grade WY80RG: TD117.UNC1/4-F0-WY80RG

C1

DIN-ANSI



Designation	D_N-P	D_N inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80RG
★ TD117.UNC1/2-P0-	UNC 1/2-13	0,500	4,331	0,709	3,224	0,367	0,275	0,437	4	☹
★ TD117.UNC9/16-P0-	UNC 9/16-12	0,562	4,331	0,787	3,161	0,429	0,322	0,500	4	☹
★ TD117.UNC5/8-P0-	UNC 5/8-11	0,625	4,331	0,787	2,587	0,480	0,360	0,563	4	☹

Ordering example for the grade WY80RG: TD117.UNC1/2-P0-WY80RG

WALTER SELECT

●● Primary application ● Other application

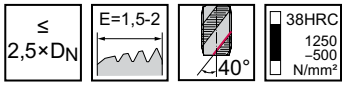
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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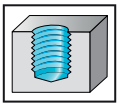
HSS-E machine taps
TD117 Advance inch
Thread·tec™ Omni



– Universal taps
– For 2B and 3B tolerances

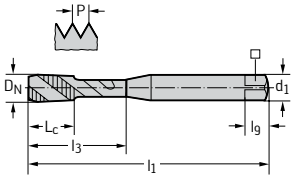


DIN ANSI | UNC ASME B1.1 | 2B / 3B



	P	M	K	N	S	H	O
WY80FC	●●	●●	●●	●●			
WY80RG	●	●●	●	●●			

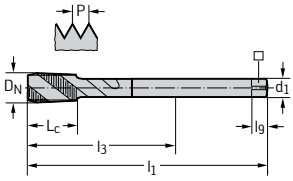
DIN-ANSI



Designation	D_N-P	D_N inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80FC	WY80RG
★ TD117.UNC2-GE-	UNC #2-56	0,086	1,772	0,157	0,472	0,141	0,110	0,19	3	☹	
★ TD117.UNC4-GE-	UNC #4-40	0,112	2,205	0,236	0,709	0,141	0,110	0,19	3	☹	
★ TD117.UNC6-GE-	UNC #6-32	0,138	2,205	0,256	0,787	0,141	0,110	0,19	3	☹	☹
★ TD117.UNC8-GE-	UNC #8-32	0,164	2,48	0,276	0,827	0,168	0,131	0,250	3	☹	☹
★ TD117.UNC10-GE-	UNC #10-24	0,190	2,756	0,315	0,984	0,194	0,152	0,250	3	☹	☹
★ TD117.UNC1/4-GE-	UNC 1/4-20	0,250	3,150	0,394	1,181	0,255	0,191	0,313	3	☹	☹
★ TD117.UNC5/16-GE-	UNC 5/16-18	0,312	3,543	0,472	1,378	0,318	0,238	0,380	3	☹	☹
★ TD117.UNC3/8-GE-	UNC 3/8-16	0,375	3,937	0,591	1,535	0,381	0,286	0,437	3	☹	☹

Ordering example for the grade WY80FC: TD117.UNC1/4-GE-WY80FC

DIN-ANSI



Designation	D_N-P	D_N inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80FC	WY80RG
★ TD117.UNC7/16-RE-	UNC 7/16-14	0,437	3,937	0,591	2,862	0,323	0,242	0,406	3	☹	
★ TD117.UNC1/2-RE-	UNC 1/2-13	0,500	4,331	0,709	3,224	0,367	0,275	0,437	4	☹	☹
★ TD117.UNC9/16-RE-	UNC 9/16-12	0,562	4,331	0,787	3,161	0,429	0,322	0,500	4	☹	
★ TD117.UNC5/8-RE-	UNC 5/8-11	0,625	4,331	0,787	2,587	0,480	0,360	0,563	4	☹	☹
★ TD117.UNC3/4-RE-	UNC 3/4-10	0,750	4,921	0,984	3,051	0,590	0,442	0,689	4	☹	☹
★ TD117.UNC7/8-RE-	UNC 7/8-9	0,875	5,512	0,984	3,581	0,697	0,523	0,750	4	☹	
★ TD117.UNC1.0-RE-	UNC 1"-8	1,000	6,299	1,181	3,756	0,800	0,600	0,811	4	☹	

Ordering example for the grade WY80FC: TD117.UNC1.0-RE-WY80FC

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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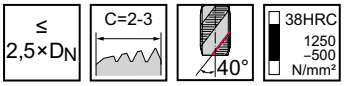
HSS-E machine taps

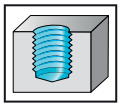
TD117 Advance mm

Thread·tec™ Omni



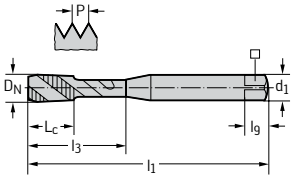
– Universal taps



UNC ASME B1.1	2B	

	P	M	K	N	S	H	O
WY80AA	●●	●	●●	●			
WY80FC	●●	●●	●●	●●			

DIN 2184-1

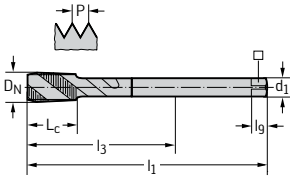


Parallel shank

Designation	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80FC
★ TD117-UNC2-C0-	UNC #2-56	2,184	45	4	12	2,8	2,1	5	3	●●	●●
★ TD117-UNC3-C0-	UNC #3-48	2,515	50	4	12,5	2,8	2,1	5	3	●●	●●
★ TD117-UNC4-C0-	UNC #4-40	2,845	56	6	18	3,5	2,7	6	3	●●	●●
★ TD117-UNC5-C0-	UNC #5-40	3,175	56	6	18	3,5	2,7	6	3	●●	●●
★ TD117-UNC6-C0-	UNC #6-32	3,505	56	6,5	20	4	3	6	3	●●	●●
★ TD117-UNC8-C0-	UNC #8-32	4,166	63	7	21	4,5	3,4	6	3	●●	●●
★ TD117-UNC10-C0-	UNC #10-24	4,826	70	8	25	6	4,9	8	3	●●	●●
★ TD117-UNC12-C0-	UNC #12-24	5,486	80	10	30	6	4,9	8	3	●●	●●
★ TD117-UNC1/4-C0-	UNC 1/4-20	6,35	80	10	30	7	5,5	8	3	●●	●●

Ordering example for the grade WY80AA: TD117-UNC1/4-C0-WY80AA

DIN 2184-1



Parallel shank

Designation	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80FC
★ TD117-UNC5/16-L0-	UNC 5/16-18	7,938	90	12	67	6	4,9	8	3	●●	●●
★ TD117-UNC3/8-L0-	UNC 3/8-16	9,525	100	15	77	7	5,5	8	3	●●	●●
★ TD117-UNC7/16-L0-	UNC 7/16-14	11,113	100	15	76	8	6,2	9	3	●●	●●
★ TD117-UNC1/2-L0-	UNC 1/2-13	12,7	110	18	83	9	7	10	4	●●	●●
★ TD117-UNC9/16-L0-	UNC 9/16-12	14,288	110	20	81	11	9	12	4	●●	●●
★ TD117-UNC5/8-L0-	UNC 5/8-11	15,875	110	20	68	12	9	12	4	●●	●●
★ TD117-UNC3/4-L0-	UNC 3/4-10	19,05	125	25	81	14	11	14	4	●●	●●
★ TD117-UNC7/8-L0-	UNC 7/8-9	22,225	140	25	93	18	14,5	17	4	●●	●●
★ TD117-UNC1-L0-	UNC 1"-8	25,4	160	30	113	18	14,5	17	4	●●	●●
★ TD117-UNC1.1/8-L0-	UNC 1.1/8-7	28,575	180	35	115	22	18	21	5		●●
★ TD117-UNC1.1/4-L0-	UNC 1.1/4-7	31,75	180	35	115	22	18	21	5		●●
★ TD117-UNC1.1/2-L0-	UNC 1.1/2-6	38,1	200	40	131	28	22	25	5		●●

Ordering example for the grade WY80AA: TD117-UNC1-L0-WY80AA

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

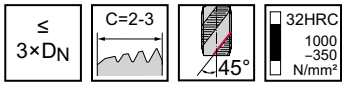
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HSS-E machine taps

TC115 Perform mm



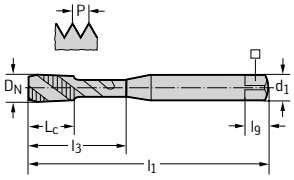

– For long-chipping materials



UNC	2B	
ASME B1.1		

	P	M	K	N	S	H	O
WY80AA	●●	●●	●●	●			

DIN 371

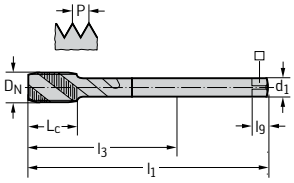


Parallel shank

Designation	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA
TC115-UNC6-C0-	UNC #6-32	3,505	56	6,5	20	4	3	6	3	☹
TC115-UNC8-C0-	UNC #8-32	4,166	63	7	21	4,5	3,4	6	3	☹
TC115-UNC10-C0-	UNC #10-24	4,826	70	8	25	6	4,9	8	3	☹
TC115-UNC1/4-C0-	UNC 1/4-20	6,35	80	10	30	7	5,5	8	3	☹
TC115-UNC5/16-C0-	UNC 5/16-18	7,938	90	12	35	8	6,2	9	3	☹
TC115-UNC3/8-C0-	UNC 3/8-16	9,525	100	15	39	10	8	11	3	☹

Ordering example for the grade WY80AA: TC115-UNC1/4-C0-WY80AA

DIN 376



Parallel shank

Designation	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA
TC115-UNC1/2-L0-	UNC 1/2-13	12,7	110	18	83	9	7	10	3	☹
TC115-UNC5/8-L0-	UNC 5/8-11	15,875	110	20	68	12	9	12	3	☹
TC115-UNC3/4-L0-	UNC 3/4-10	19,05	125	25	81	14	11	14	4	☹

Ordering example for the grade WY80AA: TC115-UNC1/2-L0-WY80AA

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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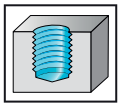
HSS-E machine taps

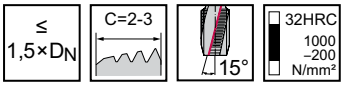
mm

Paradur® N



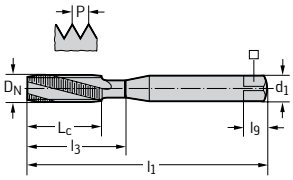
– For long-chipping materials

UNC ASME B1.1	3B	



	P	M	K	N	S	H	O
uncoated	●●		●●	●●			

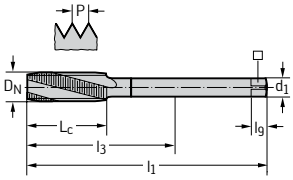
DIN 2184-1



Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
22400-UNC2	UNC #2-56	2,184	45	4	12	2,8	2,1	5	3
22400-UNC4	UNC #4-40	2,845	56	6	18	3,5	2,7	6	3
22400-UNC6	UNC #6-32	3,505	56	6,5	20	4	3	6	3
22400-UNC8	UNC #8-32	4,166	63	7	21	4,5	3,4	6	3
22400-UNC1/4	UNC 1/4-20	6,35	80	10	30	7	5,5	8	3
22400-UNC5/16	UNC 5/16-18	7,938	90	12	35	8	6,2	9	3
22400-UNC3/8	UNC 3/8-16	9,525	100	15	39	10	8	11	3

DIN 2184-1



Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
22450-UNC1/2	UNC 1/2-13	12,7	110	18	83	9	7	10	3
22450-UNC5/8	UNC 5/8-11	15,875	110	20	68	12	9	12	3
22450-UNC3/4	UNC 3/4-10	19,05	125	25	81	14	11	14	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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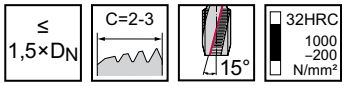
HSS-E machine taps

mm

Paradur® N



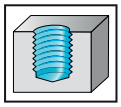
– For long-chipping materials



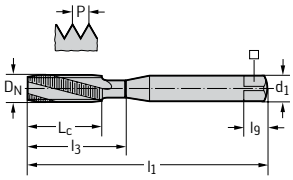
	P	M	K	N	S	H	O
uncoated	●●		●●	●●			

UNC
ASME B1.1

2B



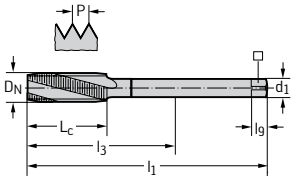
DIN 2184-1



Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
22410-UNC1	UNC #1-64	1,854	45	4	9	2,8	2,1	5	3
22410-UNC2	UNC #2-56	2,184	45	4	12	2,8	2,1	5	3
22410-UNC4	UNC #4-40	2,845	56	6	18	3,5	2,7	6	3
22410-UNC6	UNC #6-32	3,505	56	6,5	20	4	3	6	3
22410-UNC8	UNC #8-32	4,166	63	7	21	4,5	3,4	6	3
22410-UNC10	UNC #10-24	4,826	70	8	25	6	4,9	8	3
22410-UNC12	UNC #12-24	5,486	80	10	30	6	4,9	8	3
22410-UNC1/4	UNC 1/4-20	6,35	80	10	30	7	5,5	8	3
22410-UNC5/16	UNC 5/16-18	7,938	90	12	35	8	6,2	9	3
22410-UNC3/8	UNC 3/8-16	9,525	100	15	39	10	8	11	3

DIN 2184-1



Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
22460-UNC7/16	UNC 7/16-14	11,113	100	15	76	8	6,2	9	3
22460-UNC1/2	UNC 1/2-13	12,7	110	18	83	9	7	10	3
22460-UNC5/8	UNC 5/8-11	15,875	110	20	68	12	9	12	3
22460-UNC3/4	UNC 3/4-10	19,05	125	25	81	14	11	14	4
22460-UNC7/8	UNC 7/8-9	22,225	140	25	93	18	14,5	17	4
22460-UNC1	UNC 1"-8	25,4	160	30	113	18	14,5	17	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E machine taps

mm

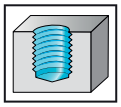
Paradur® X·pert P



– For long-chipping materials

UNC
ASME B1.1

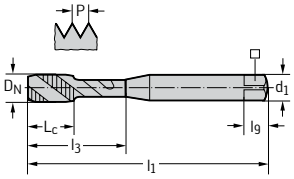
3B



≤ 3×D_N | C=2-3 | 45° | 32HRC 1000 –200 N/mm²

	P	M	K	N	S	H	O
uncoated	●●			●			●

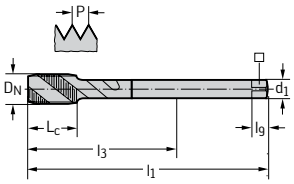
DIN 2184-1



Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
P22509-UNC2	UNC #2-56	2,184	45	4	12	2,8	2,1	5	3
P22509-UNC3	UNC #3-48	2,515	50	4	12,5	2,8	2,1	5	3
P22509-UNC4	UNC #4-40	2,845	56	6	18	3,5	2,7	6	3
P22509-UNC6	UNC #6-32	3,505	56	6,5	20	4	3	6	3
P22509-UNC8	UNC #8-32	4,166	63	7	21	4,5	3,4	6	3
P22509-UNC10	UNC #10-24	4,826	70	8	25	6	4,9	8	3
P22509-UNC5/16	UNC 5/16-18	7,938	90	12	35	8	6,2	9	3
P22509-UNC3/8	UNC 3/8-16	9,525	100	15	39	10	8	11	3

DIN 2184-1



Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	d_1 h9 mm	□ mm	l_9 mm	N
P22559-UNC5/16	UNC 5/16-18	7,938	90	12	6	4,9	8	3
P22559-UNC3/8	UNC 3/8-16	9,525	100	15	7	5,5	8	3
P22559-UNC7/16	UNC 7/16-14	11,113	100	15	8	6,2	9	3
P22559-UNC1/2	UNC 1/2-13	12,7	110	18	9	7	10	4
P22559-UNC9/16	UNC 9/16-12	14,288	110	20	11	9	12	4
P22559-UNC5/8	UNC 5/8-11	15,875	110	20	12	9	12	4
P22559-UNC3/4	UNC 3/4-10	19,05	125	25	14	11	14	4
P22559-UNC7/8	UNC 7/8-9	22,225	140	25	18	14,5	17	4
P22559-UNC1	UNC 1"-8	25,4	160	30	18	14,5	17	4
P22559-UNC1.1/4	UNC 1.1/4-7	31,75	180	35	22	18	21	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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HSS-E machine taps

mm

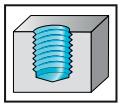
Paradur® X·pert P



– For long-chipping materials

UNC
ASME B1.1

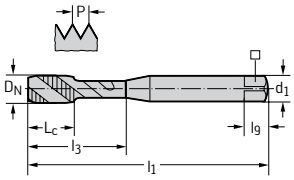
2B



≤ 3×D_N | C=2-3 | 45° | 32HRC | 1000 –200 N/mm²

	P	M	K	N	S	H	O
uncoated	●●			●			●

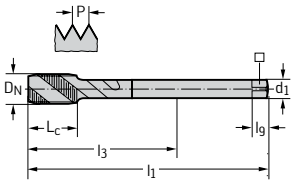
DIN 2184-1



Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
P22519-UNC2	UNC #2-56	2,184	45	4	12	2,8	2,1	5	3
P22519-UNC3	UNC #3-48	2,515	50	4	12,5	2,8	2,1	5	3
P22519-UNC4	UNC #4-40	2,845	56	6	18	3,5	2,7	6	3
P22519-UNC5	UNC #5-40	3,175	56	6	18	3,5	2,7	6	3
P22519-UNC6	UNC #6-32	3,505	56	6,5	20	4	3	6	3
P22519-UNC8	UNC #8-32	4,166	63	7	21	4,5	3,4	6	3
P22519-UNC10	UNC #10-24	4,826	70	8	25	6	4,9	8	3
P22519-UNC12	UNC #12-24	5,486	80	10	30	6	4,9	8	3
P22519-UNC1/4	UNC 1/4-20	6,35	80	10	30	7	5,5	8	3
P22519-UNC5/16	UNC 5/16-18	7,938	90	12	35	8	6,2	9	3
P22519-UNC3/8	UNC 3/8-16	9,525	100	15	39	10	8	11	3

DIN 2184-1



Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
P22569-UNC7/16	UNC 7/16-14	11,113	100	15	76	8	6,2	9	3
P22569-UNC1/2	UNC 1/2-13	12,7	110	18	83	9	7	10	4
P22569-UNC9/16	UNC 9/16-12	14,288	110	20	81	11	9	12	4
P22569-UNC5/8	UNC 5/8-11	15,875	110	20	68	12	9	12	4
P22569-UNC3/4	UNC 3/4-10	19,05	125	25	81	14	11	14	4
P22569-UNC7/8	UNC 7/8-9	22,225	140	25	93	18	14,5	17	4
P22569-UNC1	UNC 1"-8	25,4	160	30	113	18	14,5	17	4
P22569-UNC1.1/8	UNC 1.1/8-7	28,575	180	35	115	22	18	21	4
P22569-UNC1.1/4	UNC 1.1/4-7	31,75	180	35	115	22	18	21	4
P22569-UNC1.1/2	UNC 1.1/2-6	38,1	200	40	131	28	22	25	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E machine taps

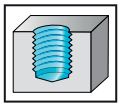
TC130 Supreme mm



– WY80AA: Good Performance

UNC
ASME B1.1

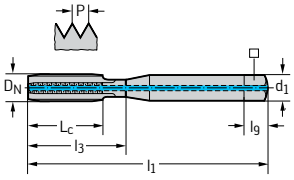
2BX



≤ 3,5×D_N | C=2-3 | 44HRC 1400 –700 N/mm²

	P	M	K	N	S	H	O
WY80AA	●●		●●	●			●

DIN 2184-1

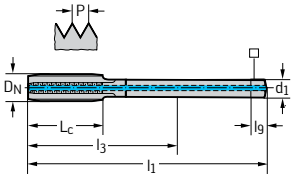


Parallel shank

Designation	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA
TC130-UNC1/4-C1-	UNC 1/4-20	6,35	80	15	30	7	5,5	8	3	●●
TC130-UNC5/16-C1-	UNC 5/16-18	7,938	90	18	35	8	6,2	9	3	●●
TC130-UNC3/8-C1-	UNC 3/8-16	9,525	100	20	39	10	8	11	3	●●

Ordering example for the grade WY80AA: TC130-UNC1/4-C1-WY80AA

DIN 2184-1



Parallel shank

Designation	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA
TC130-UNC1/2-L1-	UNC 1/2-13	12,7	110	23	83	9	7	10	3	●●
TC130-UNC5/8-L1-	UNC 5/8-11	15,875	110	25	68	12	9	12	3	●●
TC130-UNC3/4-L1-	UNC 3/4-10	19,05	125	30	81	14	11	14	3	●●
TC130-UNC1-L1-	UNC 1"-8	25,4	160	36	113	18	14,5	17	4	●●

Ordering example for the grade WY80AA: TC130-UNC1-L1-WY80AA

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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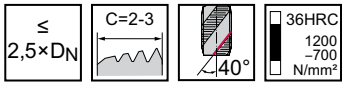
HSS-E machine taps

mm

Paradur® X·pert M



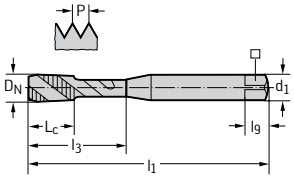
– For long-chipping materials



UNC	2B	
ASME B1.1		

	P	M	K	N	S	H	O
TIN	●	●●					
VAP	●	●●					

DIN 2184-1

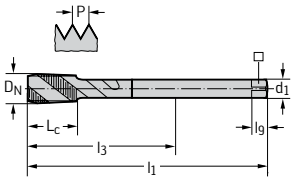


Parallel shank

Designation TIN	Designation VAP	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
M2251305-UNC2	M22513-UNC2	UNC #2-56	2,184	45	4	12	2,8	2,1	5	3
M2251305-UNC3		UNC #3-48	2,515	50	4	12,5	2,8	2,1	5	3
M2251305-UNC4	M22513-UNC4	UNC #4-40	2,845	56	6	18	3,5	2,7	6	3
M2251305-UNC5	M22513-UNC5	UNC #5-40	3,175	56	6	18	3,5	2,7	6	3
M2251305-UNC6	M22513-UNC6	UNC #6-32	3,505	56	7	20	4	3	6	3
M2251305-UNC8	M22513-UNC8	UNC #8-32	4,166	63	7	21	4,5	3,4	6	3
M2251305-UNC10	M22513-UNC10	UNC #10-24	4,826	70	8	25	6	4,9	8	3
M2251305-UNC12	M22513-UNC12	UNC #12-24	5,486	80	10	30	6	4,9	8	3
M2251305-UNC1/4	M22513-UNC1/4	UNC 1/4-20	6,35	80	10	30	7	5,5	8	3

UNC 2: Without thread taper

DIN 2184-1



Parallel shank

Designation TIN	Designation VAP	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
M2256305-UNC5/16	M22563-UNC5/16	UNC 5/16-18	7,938	90	12	67	6	4,9	8	3
M2256305-UNC3/8	M22563-UNC3/8	UNC 3/8-16	9,525	100	15	77	7	5,5	8	3
M2256305-UNC7/16	M22563-UNC7/16	UNC 7/16-14	11,113	100	15	76	8	6,2	9	3
M2256305-UNC1/2	M22563-UNC1/2	UNC 1/2-13	12,7	110	18	83	9	7	10	4
M2256305-UNC9/16	M22563-UNC9/16	UNC 9/16-12	14,288	110	20	81	11	9	12	4
M2256305-UNC5/8	M22563-UNC5/8	UNC 5/8-11	15,875	110	20	68	12	9	12	4
M2256305-UNC3/4	M22563-UNC3/4	UNC 3/4-10	19,05	125	25	81	14	11	14	4
M2256305-UNC1	M22563-UNC1	UNC 1"-8	25,4	160	30	113	18	14,5	17	4
M2256305-UNC7/8	M22563-UNC7/8	UNC 7/8-9	22,225	140	25	93	18	14,5	17	4
	M22563-UNC1.1/4	UNC 1.1/4-7	31,75	180	35	115	22	18	21	5
	M22563-UNC1.1/8	UNC 1.1/8-7	28,575	180	35	115	22	18	21	5
	M22563-UNC1.1/2	UNC 1.1/2-6	38,1	200	40	131	28	22	25	5

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E PM machine taps

mm

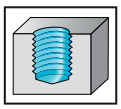
Paradur® Eco CI



– For short-chipping materials
– Nitrided

UNC
ASME B1.1

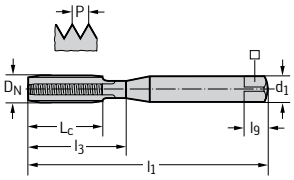
2B



≤ 3×D_N | C=2-3 | 32HRC 1000 –100 N/mm²

	P	M	K	N	S	H	O
NID			●●	●●			●●

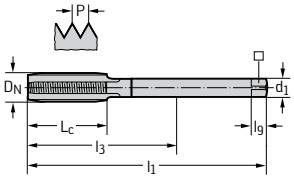
DIN 2184-1



Parallel shank

Designation NID	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
E22314-UNC6	UNC #6-32	3,505	56	11	20	4	3	6	3
E22314-UNC8	UNC #8-32	4,166	63	12	21	4,5	3,4	6	3
E22314-UNC10	UNC #10-24	4,826	70	13	25	6	4,9	8	4
E22314-UNC1/4	UNC 1/4-20	6,35	80	15	30	7	5,5	8	4

DIN 2184-1



Parallel shank

Designation NID	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
E22364-UNC5/16	UNC 5/16-18	7,938	90	18	67	6	4,9	8	4
E22364-UNC3/8	UNC 3/8-16	9,525	100	20	77	7	5,5	8	4
E22364-UNC7/16	UNC 7/16-14	11,113	100	20	76	8	6,2	9	4
E22364-UNC1/2	UNC 1/2-13	12,7	110	23	83	9	7	10	4
E22364-UNC9/16	UNC 9/16-12	14,288	110	25	81	11	9	12	4
E22364-UNC5/8	UNC 5/8-11	15,875	110	25	68	12	9	12	4
E22364-UNC3/4	UNC 3/4-10	19,05	125	30	81	14	11	14	4
E22364-UNC7/8	UNC 7/8-9	22,225	140	30	93	18	14,5	17	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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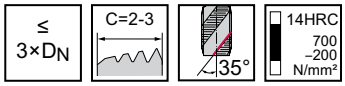
HSS-E machine taps

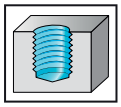
mm

Paradur® X·pert N



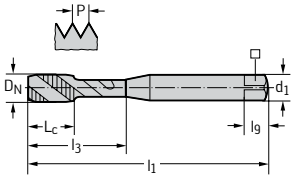
– For long-chipping materials



UNC	2B	
ASME B1.1		

	P	M	K	N	S	H	O
uncoated				●●	●		●

DIN 2184-1



Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
N22516-UNC2	UNC #2-56	2,184	45	4	12	2,8	2,1	5	2
N22516-UNC4	UNC #4-40	2,845	56	6	18	3,5	2,7	6	2
N22516-UNC6	UNC #6-32	3,505	56	6,5	20	4	3	6	2
N22516-UNC8	UNC #8-32	4,166	63	7	21	4,5	3,4	6	2
N22516-UNC10	UNC #10-24	4,826	70	8	25	6	4,9	8	2
N22516-UNC1/4	UNC 1/4-20	6,35	80	10	30	7	5,5	8	2
N22516-UNC5/16	UNC 5/16-18	7,938	90	12	35	8	6,2	9	2

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E PM machine taps

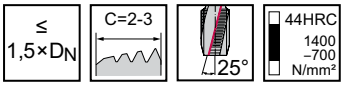
mm

Paradur® Ni



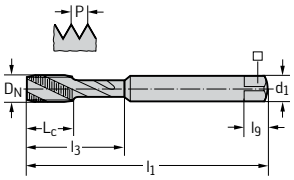
– For long-chipping materials

UNC ASME B1.1	3B	



	P	M	K	N	S	H	O
uncoated	●				●●		

~DIN 2184-1

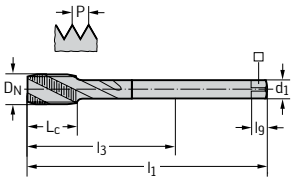


Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
224104-UNC2	UNC #2-56	2,184	45	9	9	2,8	2,1	5	3
224104-UNC4	UNC #4-40	2,845	56	10	10	3,5	2,7	6	3
224104-UNC6	UNC #6-32	3,505	56	12	12	4	3	6	3
224104-UNC8	UNC #8-32	4,166	63	13	13	4,5	3,4	6	3
224104-UNC1/4	UNC 1/4-20	6,35	80	15	25	7	5,5	8	3
224104-UNC3/8	UNC 3/8-16	9,525	100	20	33,5	10	8	11	4

≤ UNC 8: Without reduced neck after the thread

DIN 2184-1



Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
224604-UNC1/2	UNC 1/2-13	12,7	110	23	83	9	7	10	4
224604-UNC9/16	UNC 9/16-12	14,288	110	25	81	11	9	12	4
224604-UNC3/4	UNC 3/4-10	19,05	125	30	81	14	11	14	5

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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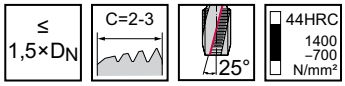
HSS-E PM machine taps

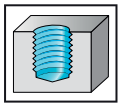
mm

Paradur® Ni



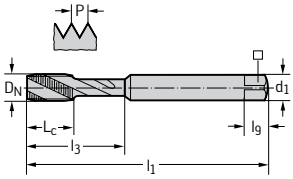
– For long-chipping materials



UNC	2B	
ASME B1.1		

	P	M	K	N	S	H	O
TICN	●				●●		
uncoated	●				●●		

~DIN 2184-1

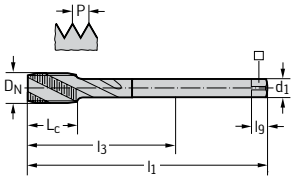


Parallel shank

Designation TICN	Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
	224102-UNC3	UNC #3-48	2,515	50	9	9	2,8	2,1	5	3
22410206-UNC4	224102-UNC4	UNC #4-40	2,845	56	10	10	3,5	2,7	6	3
	224102-UNC6	UNC #6-32	3,505	56	12	12	4	3	6	3
22410206-UNC8	224102-UNC8	UNC #8-32	4,166	63	13	13	4,5	3,4	6	3
22410206-UNC10	224102-UNC10	UNC #10-24	4,826	70	16	16	6	4,9	8	3
22410206-UNC1/4	224102-UNC1/4	UNC 1/4-20	6,35	80	15	25	7	5,5	8	3
22410206-UNC5/16	224102-UNC5/16	UNC 5/16-18	7,938	90	18	29,5	8	6,2	9	3
22410206-UNC3/8	224102-UNC3/8	UNC 3/8-16	9,525	100	20	33,5	10	8	11	4

≤ UNC 10: Without reduced neck after the thread

DIN 2184-1



Parallel shank

Designation TICN	Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
22460206-UNC1/2	224602-UNC1/2	UNC 1/2-13	12,7	110	23	83	9	7	10	4
22460206-UNC5/8	224602-UNC5/8	UNC 5/8-11	15,875	110	25	68	12	9	12	4
22460206-UNC3/4	224602-UNC3/4	UNC 3/4-10	19,05	125	30	81	14	11	14	5

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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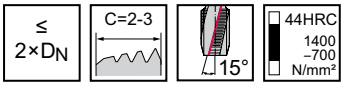
HSS-E PM machine taps

mm

Paradur® Ti

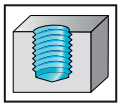


– Recommended with oil
– For long-chipping materials



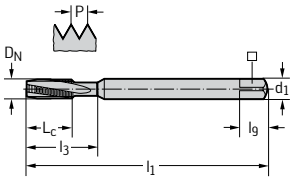
UNC
ASME B1.1

3B



	P	M	K	N	S	H	O
uncoated	●●			●	●●		

~DIN 2184-1

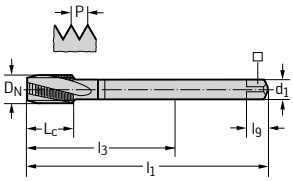


Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
224164-UNC6	UNC #6-32	3,505	56	12	12	4	3	6	3
224164-UNC8	UNC #8-32	4,166	63	13	13	4,5	3,4	6	3
224164-UNC10	UNC #10-24	4,826	70	16	16	6	4,9	8	3
224164-UNC5/16	UNC 5/16-18	7,938	90	18	29,5	8	6,2	9	3
224164-UNC3/8	UNC 3/8-16	9,525	100	20	33,5	10	8	11	3

≤ UNC 10: Without reduced neck after the thread

DIN 2184-1



Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
224664-UNC1/2	UNC 1/2-13	12,7	110	23	83	9	7	10	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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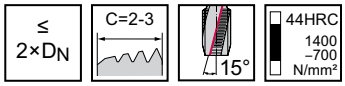
HSS-E PM machine taps

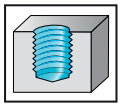
mm

Paradur® Ti



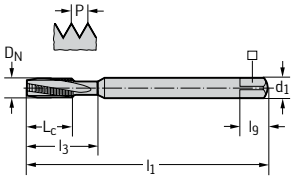
– Recommended with oil
– For long-chipping materials



UNC ASME B1.1	2B	

	P	M	K	N	S	H	O
uncoated	●●			●	●●		

~DIN 2184-1

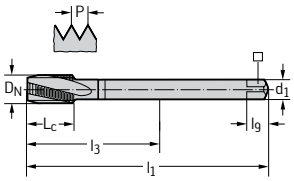


Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
22416-UNC6	UNC #6-32	3,505	56	12	12	4	3	6	3
22416-UNC8	UNC #8-32	4,166	63	13	13	4,5	3,4	6	3
22416-UNC10	UNC #10-24	4,826	70	16	16	6	4,9	8	3
22416-UNC12	UNC #12-24	5,486	80	15	23	6	4,9	8	3
22416-UNC1/4	UNC 1/4-20	6,35	80	15	25	7	5,5	8	3
22416-UNC5/16	UNC 5/16-18	7,938	90	18	29,5	8	6,2	9	3
22416-UNC3/8	UNC 3/8-16	9,525	100	20	33,5	10	8	11	3

≤ UNC 10: Without reduced neck after the thread

DIN 2184-1



Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
22466-UNC7/16	UNC 7/16-14	11,113	100	20	76	8	6,2	9	4
22466-UNC1/2	UNC 1/2-13	12,7	110	23	83	9	7	10	4
22466-UNC5/8	UNC 5/8-11	15,875	110	25	68	12	9	12	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

www.isotool.se
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HSS-E PM machine taps

mm

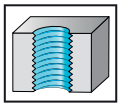
Prototex® Eco Plus



– For long-chipping materials

UNF
ASME B1.1

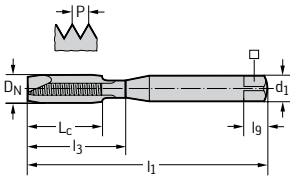
2B



≤ 3,5×D_N | B=3,5-5 | 42HRC 1350 –500 N/mm²

	P	M	K	N	S	H	O
THL	●●	●●	●●	●●			

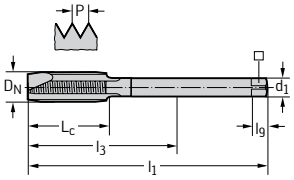
DIN 2184-1



Parallel shank

Designation THL	D_N-P	D_N mm	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2321302-UNF4	UNF #4-48	2,845		56	9	18	3,5	2,7	6	3
EP2321302-UNF6	UNF #6-40	3,505		56	11	20	4	3	6	3
EP2321302-UNF8	UNF #8-36	4,166		63	12	21	4,5	3,4	6	3
EP2321302-UNF10	UNF #10-32	4,826		70	13	25	6	4,9	8	3
EP2321302-UNF1/4	UNF 1/4-28	6,35		80	15	30	7	5,5	8	3

DIN 2184-1



Parallel shank

Designation THL	D_N-P	D_N mm	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2326302-UNF5/16	UNF 5/16-24	7,938		90	18	67	6	4,9	8	3
EP2326302-UNF3/8	UNF 3/8-24	9,525		100	20	77	7	5,5	8	3
EP2326302-UNF1/2	UNF 1/2-20	12,7		100	21	73	9	7	10	4
EP2326302-UNF5/8	UNF 5/8-18	15,875		100	21	58	12	9	12	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

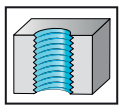
www.isotool.se
Tel. 044 - 24 55 70

HSS-E machine taps
TD217 Advance inch
Thread·tec™ Omni



– Universal taps
– For 2B and 3B tolerances

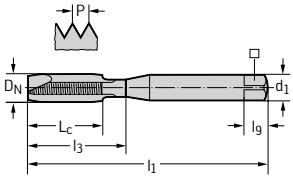
DIN ANSI | UNF ASME B1.1 | 2B / 3B



≤ 3×D_N | B=3,5-5 | 38HRC 1250 ~350 N/mm²

	P	M	K	N	S	H	O
WY80FC	●●	●●	●●	●●			
WY80RG	●	●●	●	●●			

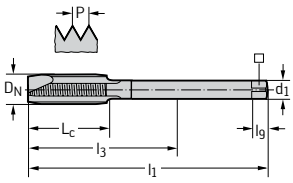
DIN-ANSI



Designation	D_N-P	D_N inch	l_1 inch	l_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80FC	WY80RG
★ TD217.UNF0-G0-	UNF #0-80	0,060	1,575	0,256	0,256	0,141	0,110	0,19	2	☹	☹
★ TD217.UNF1-G0-	UNF #1-72	0,073	1,772	0,236	0,354	0,141	0,110	0,19	2		☹
★ TD217.UNF3-G0-	UNF #3-56	0,099	1,969	0,315	0,492	0,141	0,110	0,19	2		☹
★ TD217.UNF4-G0-	UNF #4-48	0,112	2,205	0,354	0,709	0,141	0,110	0,19	2		☹
★ TD217.UNF5-G0-	UNF #5-44	0,125	2,205	0,394	0,709	0,141	0,110	0,19	2		☹
★ TD217.UNF6-G0-	UNF #6-40	0,138	2,205	0,433	0,787	0,141	0,110	0,19	2		☹
★ TD217.UNF8-G0-	UNF #8-36	0,164	2,48	0,472	0,827	0,168	0,131	0,250	3		☹
★ TD217.UNF10-G0-	UNF #10-32	0,190	2,756	0,512	0,984	0,194	0,152	0,250	3	☹	☹
★ TD217.UNF12-G0-	UNF #12-28	0,216	3,150	0,591	1,181	0,220	0,165	0,281	3		☹
★ TD217.UNF1/4-G0-	UNF 1/4-28	0,250	3,150	0,591	1,181	0,255	0,191	0,313	3	☹	☹
★ TD217.UNF5/16-G0-	UNF 5/16-24	0,312	3,543	0,709	1,378	0,318	0,238	0,380	3		☹
★ TD217.UNF3/8-G0-	UNF 3/8-24	0,375	3,543	0,787	1,535	0,381	0,286	0,437	3	☹	☹

Ordering example for the grade WY80FC: TD217.UNF0-G0-WY80FC

DIN-ANSI



Designation	D_N-P	D_N inch	l_1 inch	l_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80FC	WY80RG
★ TD217.UNF7/16-R0-	UNF 7/16-20	0,437	3,937	0,787	2,862	0,323	0,242	0,406	3	☹	☹
★ TD217.UNF1/2-R0-	UNF 1/2-20	0,500	3,937	0,827	2,831	0,367	0,275	0,437	4	☹	☹
★ TD217.UNF9/16-R0-	UNF 9/16-18	0,562	3,937	0,827	2,768	0,429	0,322	0,500	4	☹	☹
★ TD217.UNF5/8-R0-	UNF 5/8-18	0,625	3,937	0,827	2,193	0,480	0,360	0,563	4	☹	☹
★ TD217.UNF3/4-R0-	UNF 3/4-16	0,750	4,331	0,945	2,461	0,590	0,442	0,689	4	☹	☹
★ TD217.UNF7/8-R0-	UNF 7/8-14	0,875	4,921	0,945	2,99	0,697	0,523	0,750	4	☹	☹

Ordering example for the grade WY80FC: TD217.UNF1/2-R0-WY80FC

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E machine taps

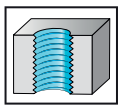
TD217 Advance inch

Thread·tec™ Omni



– Universal taps

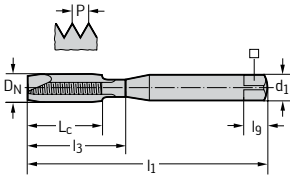
DIN ANSI | UNF ASME B1.1 | +.003" (H7)



≤ 3×D_N | B=3,5-5 | 38HRC 1250 –350 N/mm²

	P	M	K	N	S	H	O
WY80RG	●	●●	●	●●			

DIN-ANSI



Designation	D_N-P	D_N inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80RG
★ TD217.UNF10-E0-	UNF #10-32	0,190	2,756	0,512	0,984	0,194	0,152	0,250	3	☹
★ TD217.UNF1/4-E0-	UNF 1/4-28	0,250	3,150	0,591	1,181	0,255	0,191	0,313	3	☹
★ TD217.UNF5/16-E0-	UNF 5/16-24	0,312	3,543	0,709	1,378	0,318	0,238	0,380	3	☹

Ordering example for the grade WY80RG: TD217.UNF1/4-E0-WY80RG

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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Tel. 044 - 24 55 70

HSS-E machine taps

TD217 Advance inch

Thread·tec™ Omni



– Universal taps

DIN ANSI | UNF ASME B1.1 | +.005" (H11)

≤ 3×D_N | B=3,5-5 | 38HRC 1250 –350 N/mm²

	P	M	K	N	S	H	O
WY80RG	●	●●	●	●●			

DIN-ANSI

Designation	D_N-P	D_N inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80RG
★ TD217.UNF3/8-F0-	UNF 3/8-24	0,375	3,543	0,787	1,535	0,381	0,286	0,437	3	

Ordering example for the grade WY80RG: TD217.UNF3/8-F0-WY80RG

DIN-ANSI

Designation	D_N-P	D_N inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80RG
★ TD217.UNF7/16-P0-	UNF 7/16-20	0,437	3,937	0,787	2,862	0,323	0,242	0,406	3	
★ TD217.UNF1/2-P0-	UNF 1/2-20	0,500	3,937	0,827	2,831	0,367	0,275	0,437	4	

Ordering example for the grade WY80RG: TD217.UNF1/2-P0-WY80RG

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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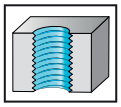
HSS-E machine taps

TD217 Advance mm

Thread·tec™ Omni



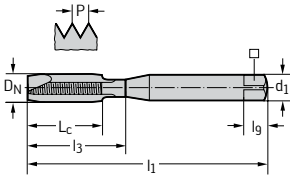
– Universal taps

UNF ASME B1.1	2B	

≤ 3×D_N | B=3,5-5 | 38HRC 1250 ~350 N/mm²

	P	M	K	N	S	H	O
WY80AA	●●	●	●●	●			
WY80FC	●●	●●	●●	●●			

DIN 2184-1

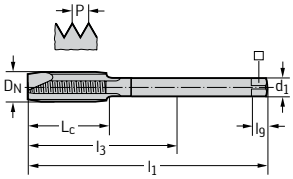


Parallel shank

Designation	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80FC
★ TD217-UNF0-C0-	UNF #0-80	1,524	40	8	8	2,5	2,1	5	2		☹
★ TD217-UNF1-C0-	UNF #1-72	1,854	45	6	9	2,8	2,1	5	2		☹
★ TD217-UNF2-C0-	UNF #2-64	2,184	45	7	12	2,8	2,1	5	2		☹
★ TD217-UNF3-C0-	UNF #3-56	2,515	50	8	12,5	2,8	2,1	5	2		☹
★ TD217-UNF4-C0-	UNF #4-48	2,845	56	9	18	3,5	2,7	6	2		☹
★ TD217-UNF5-C0-	UNF #5-44	3,175	56	10	18	3,5	2,7	6	2		☹
★ TD217-UNF6-C0-	UNF #6-40	3,505	56	11	20	4	3	6	2		☹
★ TD217-UNF8-C0-	UNF #8-36	4,166	63	12	21	4,5	3,4	6	3		☹
★ TD217-UNF10-C0-	UNF #10-32	4,826	70	13	25	6	4,9	8	3	☹	☹
★ TD217-UNF12-C0-	UNF #12-28	5,486	80	15	30	6	4,9	8	3		☹
★ TD217-UNF1/4-C0-	UNF 1/4-28	6,35	80	15	30	7	5,5	8	3	☹	☹

Ordering example for the grade WY80FC: TD217-UNF0-C0-WY80FC

DIN 2184-1



Parallel shank

Designation	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80FC
★ TD217-UNF5/16-L0-	UNF 5/16-24	7,938	90	18	67	6	4,9	8	3	☹	☹
★ TD217-UNF3/8-L0-	UNF 3/8-24	9,525	100	20	77	7	5,5	8	3	☹	☹
★ TD217-UNF7/16-L0-	UNF 7/16-20	11,113	100	20	76	8	6,2	9	3	☹	☹
★ TD217-UNF1/2-L0-	UNF 1/2-20	12,7	100	21	73	9	7	10	4	☹	☹
★ TD217-UNF9/16-L0-	UNF 9/16-18	14,288	100	21	71	11	9	12	4		☹
★ TD217-UNF5/8-L0-	UNF 5/8-18	15,875	100	21	58	12	9	12	4		☹
★ TD217-UNF3/4-L0-	UNF 3/4-16	19,05	110	24	66	14	11	14	4	☹	☹
★ TD217-UNF7/8-L0-	UNF 7/8-14	22,225	125	24	78	18	14,5	17	4		☹
★ TD217-UNF1-L0-	UNF 1"-12	25,4	140	26	93	18	14,5	17	4		☹
★ TD217-UNF1.1/8-L0-	UNF 1.1/8-12	28,575	150	26	85	22	18	21	4		☹
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★ TD217-UNF1.3/8-L0-	UNF 1.3/8-12	34,925	170	28	101	28	22	25	5		☹
★ TD217-UNF1.1/2-L0-	UNF 1.1/2-12	38,1	170	28	101	28	22	25	5		☹

Ordering example for the grade WY80FC: TD217-UNF1-L0-WY80FC

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

HSS-E machine taps

TD217 Advance mm

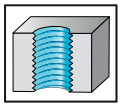
Thread·tec™ Omni



– Universal taps

UNF
ASME B1.1

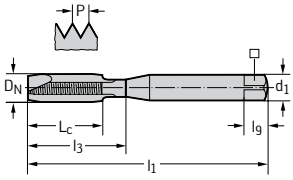
3B



≤ 3×D_N | B=3,5-5 | 38HRC 1250 –350 N/mm²

	P	M	K	N	S	H	O
WY80FC	●●	●●	●●	●●			

DIN 2184-1



Parallel shank

Designation	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80FC
★ TD217-UNF2-B0-	UNF #2-64	2,184	45	7	12	2,8	2,1	5	2	
★ TD217-UNF4-B0-	UNF #4-48	2,845	56	9	18	3,5	2,7	6	2	
★ TD217-UNF6-B0-	UNF #6-40	3,505	56	11	20	4	3	6	2	
★ TD217-UNF8-B0-	UNF #8-36	4,166	63	12	21	4,5	3,4	6	2	
★ TD217-UNF10-B0-	UNF #10-32	4,826	70	13	25	6	4,9	8	3	
★ TD217-UNF12-B0-	UNF #12-28	5,486	80	15	30	6	4,9	8	3	
★ TD217-UNF1/4-B0-	UNF 1/4-28	6,35	80	15	30	7	5,5	8	3	

Ordering example for the grade WY80FC: TD217-UNF1/4-B0-WY80FC

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E machine taps

TC216 Perform mm



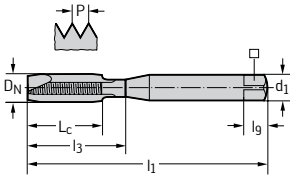
– For long-chipping materials

UNF ASME B1.1	2B	

≤ 3×D_N | B=3,5-5 | 32HRC, 1000 –350 N/mm²

	P	M	K	N	S	H	O
WY80AA	●●	●●	●●	●●			

DIN 371

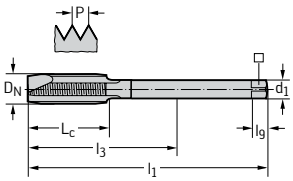


Parallel shank

Designation	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA
TC216-UNF10-C0-	UNF #10-32	4,826	70	13	25	6	4,9	8	3	✖
TC216-UNF1/4-C0-	UNF 1/4-28	6,35	80	15	30	7	5,5	8	3	✖
TC216-UNF5/16-C0-	UNF 5/16-24	7,938	90	18	35	8	6,2	9	3	✖
TC216-UNF3/8-C0-	UNF 3/8-24	9,525	100	20	39	10	8	11	3	✖

Ordering example for the grade WY80AA: TC216-UNF1/4-C0-WY80AA

DIN 376



Parallel shank

Designation	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA
TC216-UNF7/16-L0-	UNF 7/16-20	11,113	100	20	76	8	6,2	9	3	✖
TC216-UNF1/2-L0-	UNF 1/2-20	12,7	100	21	73	9	7	10	4	✖

Ordering example for the grade WY80AA: TC216-UNF1/2-L0-WY80AA

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ✖ machining conditions

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HSS-E machine taps

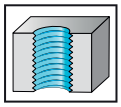
mm

Prototex® X-pert P



– For long-chipping materials

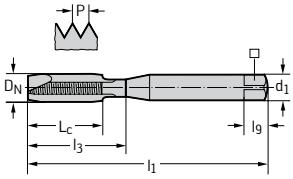
UNF	3B	
ASME B1.1		



≤ 3×D_N | B=3,5-5 | 32HRC, 1000 –200 N/mm²

	P	M	K	N	S	H	O
uncoated	●●			●			●

DIN 2184-1-B



Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
P23200-UNF10	UNF #10-32	4,826	70	13	25	6	4,9	8	2
P23200-UNF12	UNF #12-28	5,486	80	15	30	6	4,9	8	3
P23200-UNF1/4	UNF 1/4-28	6,35	80	15	30	7	5,5	8	3

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E machine taps

mm

Prototex® X-pert P

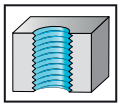


≤ 3×D_N | B=3,5-5 | 32HRC 1000 –200 N/mm²

– For long-chipping materials

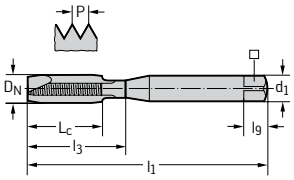
UNF
ASME B1.1

2B



	P	M	K	N	S	H	O
TIN	●●			●			●
uncoated	●●			●			●

DIN 2184-1

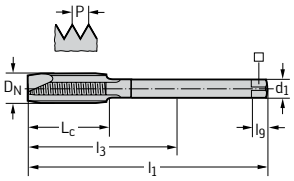


Parallel shank

Designation TIN	Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
	P23210-UNF0	UNF #0-80	1,524	40	8	8	2,5	2,1	5	2
	P23210-UNF1	UNF #1-72	1,854	45	6	9	2,8	2,1	5	2
	P23210-UNF2	UNF #2-64	2,184	45	7	12	2,8	2,1	5	2
	P23210-UNF3	UNF #3-56	2,515	50	8	12,5	2,8	2,1	5	2
	P23210-UNF4	UNF #4-48	2,845	56	9	18	3,5	2,7	6	2
	P23210-UNF6	UNF #6-40	3,505	56	11	20	4	3	6	2
	P23210-UNF8	UNF #8-36	4,166	63	12	21	4,5	3,4	6	2
	P23210-UNF10	UNF #10-32	4,826	70	13	25	6	4,9	8	2
	P23210-UNF12	UNF #12-28	5,486	80	15	30	6	4,9	8	3
P2321005-UNF1/4	P23210-UNF1/4	UNF 1/4-28	6,35	80	15	30	7	5,5	8	3

UNF 0: Without reduced neck after the thread

DIN 2184-1



Parallel shank

Designation TIN	Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
P2336005-UNF5/16	P23360-UNF5/16	UNF 5/16-24	7,938	90	18	67	6	4,9	8	3
P2336005-UNF3/8	P23360-UNF3/8	UNF 3/8-24	9,525	100	20	77	7	5,5	8	3
P2336005-UNF7/16	P23360-UNF7/16	UNF 7/16-20	11,113	100	20	76	8	6,2	9	3
P2336005-UNF1/2	P23360-UNF1/2	UNF 1/2-20	12,7	100	21	73	9	7	10	4
	P23360-UNF9/16	UNF 9/16-18	14,288	100	21	71	11	9	12	4
P2336005-UNF5/8	P23360-UNF5/8	UNF 5/8-18	15,875	100	21	58	12	9	12	4
P2336005-UNF3/4	P23360-UNF3/4	UNF 3/4-16	19,05	110	24	66	14	11	14	4
	P23360-UNF7/8	UNF 7/8-14	22,225	125	24	78	18	14,5	17	4
	P23360-UNF1	UNF 1"-12	25,4	140	26	93	18	14,5	17	4
	P23360-UNF1.1/4	UNF 1.1/4-12	31,75	150	26	85	22	18	21	4
	P23360-UNF1.1/8	UNF 1.1/8-12	28,575	150	26	85	22	18	21	4
	P23360-UNF1.1/2	UNF 1.1/2-12	38,1	170	28	101	28	22	25	4
	P23360-UNF1.3/8	UNF 1.3/8-12	34,925	170	28	101	28	22	25	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☻ ☻ ☻ / ★

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HSS-E machine taps

mm

Prototex® X-pert M

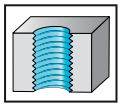


≤ 3×D_N | B=3,5-5 | 36HRC 1200 –700 N/mm²

– For long-chipping materials

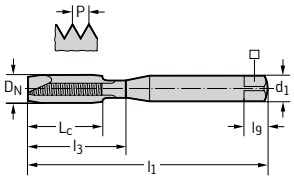
UNF
ASME B1.1

2B



	P	M	K	N	S	H	O
TIN	●	●●					
VAP	●	●●					

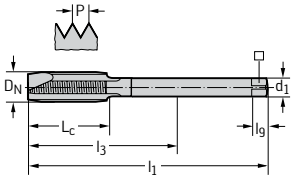
DIN 2184-1



Parallel shank

Designation TIN	Designation VAP	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
	M23213-UNF5	UNF #5-44	3,175	56	10	18	3,5	2,7	6	2
	M23213-UNF6	UNF #6-40	3,505	56	11	20	4	3	6	2
	M23213-UNF8	UNF #8-36	4,166	63	12	21	4,5	3,4	6	2
M2321305-UNF10	M23213-UNF10	UNF #10-32	4,826	70	13	25	6	4,9	8	3
M2321305-UNF1/4	M23213-UNF1/4	UNF 1/4-28	6,35	80	15	30	7	5,5	8	3

DIN 2184-1



Parallel shank

Designation TIN	Designation VAP	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
M2326305-UNF5/16	M23263-UNF5/16	UNF 5/16-24	7,938	90	18	67	6	4,9	8	3
M2326305-UNF3/8	M23263-UNF3/8	UNF 3/8-24	9,525	100	20	77	7	5,5	8	3
M2326305-UNF7/16	M23263-UNF7/16	UNF 7/16-20	11,113	100	20	76	8	6,2	9	3
M2326305-UNF1/2	M23263-UNF1/2	UNF 1/2-20	12,7	100	21	73	9	7	10	4
	M23263-UNF9/16	UNF 9/16-18	14,288	100	21	71	11	9	12	4
	M23263-UNF5/8	UNF 5/8-18	15,875	100	21	58	12	9	12	4
	M23263-UNF3/4	UNF 3/4-16	19,05	110	24	66	14	11	14	4
	M23263-UNF7/8	UNF 7/8-14	22,225	125	24	78	18	14,5	17	4
	M23263-UNF1	UNF 1"-12	25,4	140	26	93	18	14,5	17	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E PM machine taps

mm

Prototex® TiNi

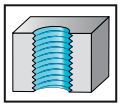


– Recommended with oil
– For long-chipping materials

≤ 2×D_N | B=3,5-5 | 44HRC 1400 –700 N/mm²

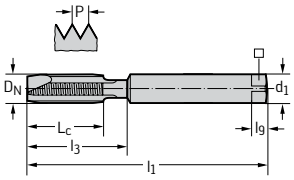
UNF
ASME B1.1

3B



	P	M	K	N	S	H	O
TICN	●●	●●		●	●●		
uncoated	●●	●●		●	●●		

~DIN 2184-1

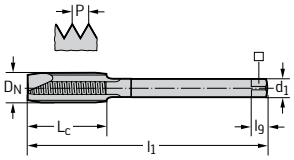


Parallel shank

Designation TICN	Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
	23207-UNF4	UNF #4-48	2,845	56	10	10	3,5	2,7	6	2
	23207-UNF6	UNF #6-40	3,505	56	12	12	4	3	6	3
2320706-UNF10	23207-UNF10	UNF #10-32	4,826	70	16	16	6	4,9	8	3
2320706-UNF1/4	23207-UNF1/4	UNF 1/4-28	6,35	80	15	25	7	5,5	8	3
2320706-UNF5/16	23207-UNF5/16	UNF 5/16-24	7,938	90	18	29,5	8	6,2	9	3
2320706-UNF3/8	23207-UNF3/8	UNF 3/8-24	9,525	100	20	33,5	10	8	11	3

≤ UNF 10: Without reduced neck after the thread

DIN 2184-1



Parallel shank

Designation TICN	Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
2325706-UNF7/16	23257-UNF7/16	UNF 7/16-20	11,113	100	20	76	8	6,2	9	4
2325706-UNF1/2	23257-UNF1/2	UNF 1/2-20	12,7	100	23	73	9	7	10	4
	23257-UNF5/8	UNF 5/8-18	15,875	100	25	58	12	9	12	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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HSS-E PM machine taps

mm

Prototex® TiNi

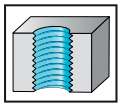


– Recommended with oil
– For long-chipping materials

≤ 2×D_N | B=3,5-5 | 44HRC 1400 –700 N/mm²

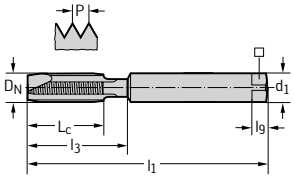
UNF
ASME B1.1

2B



	P	M	K	N	S	H	O
TICN	●●	●●		●	●●		
uncoated	●●	●●		●	●●		

~DIN 2184-1

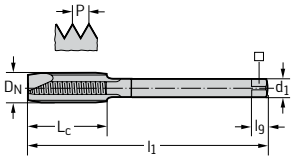


Parallel shank

Designation TICN	Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
2321706-UNF5	23217-UNF5	UNF #5-44	3,175	56	10	10	3,5	2,7	6	2
	23217-UNF10	UNF #10-32	4,826	70	16	16	6	4,9	8	3
2321706-UNF1/4	23217-UNF1/4	UNF 1/4-28	6,35	80	15	25	7	5,5	8	3
2321706-UNF5/16	23217-UNF5/16	UNF 5/16-24	7,938	90	18	29,5	8	6,2	9	3
2321706-UNF3/8	23217-UNF3/8	UNF 3/8-24	9,525	100	20	33,5	10	8	11	3

≤ UNF 10: Without reduced neck after the thread

DIN 2184-1



Parallel shank

Designation TICN	Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
2326706-UNF7/16	23267-UNF7/16	UNF 7/16-20	11,113	100	20	76	8	6,2	9	4
2326706-UNF1/2	23267-UNF1/2	UNF 1/2-20	12,7	100	23	73	9	7	10	4
2326706-UNF5/8	23267-UNF5/8	UNF 5/8-18	15,875	100	25	58	12	9	12	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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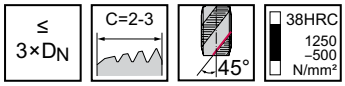
HSS-E PM machine taps

mm

Paradur® Eco Plus



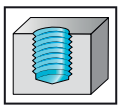
– For long-chipping materials



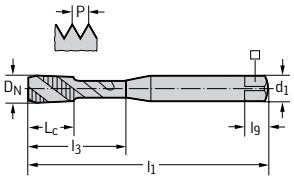
	P	M	K	N	S	H	O
THL	●●	●●	●●	●●			

UNF
ASME B1.1

2B



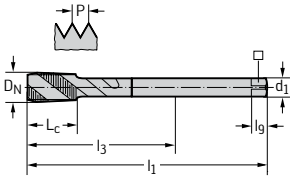
~DIN 2184-1



Parallel shank

Designation THL	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2351302-UNF4	UNF #4-48	2,845	56	6	11	3,5	2,7	6	3
EP2351302-UNF6	UNF #6-40	3,505	56	6,5	13,1	4	3	6	3
EP2351302-UNF8	UNF #8-36	4,166	63	7	17,4	4,5	3,4	6	3
EP2351302-UNF10	UNF #10-32	4,826	70	8	20,7	6	4,9	8	3
EP2351302-UNF1/4	UNF 1/4-28	6,35	80	10	25,9	7	5,5	8	3

DIN 2184-1



Parallel shank

Designation THL	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2356302-UNF5/16	UNF 5/16-24	7,938	90	12	67	6	4,9	8	3
EP2356302-UNF3/8	UNF 3/8-24	9,525	100	15	77	7	5,5	8	3
EP2356302-UNF1/2	UNF 1/2-20	12,7	100	13	73	9	7	10	4
EP2356302-UNF5/8	UNF 5/8-18	15,875	100	15	58	12	9	12	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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HSS-E PM machine taps

mm

Paradur® Eco Plus

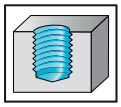


– For long-chipping materials



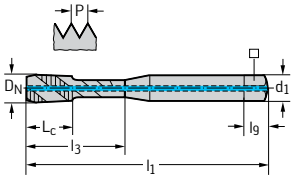
UNF
ASME B1.1

2B



	P	M	K	N	S	H	O
THL	●●	●●	●●	●●			

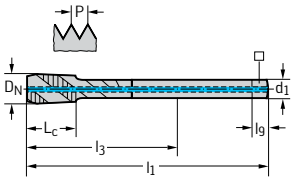
~DIN 2184-1



Parallel shank

Designation THL	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2351312-UNF1/4	UNF 1/4-28	6,35	80	10	25,9	7	5,5	8	3

DIN 2184-1



Parallel shank

Designation THL	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2356312-UNF5/16	UNF 5/16-24	7,938	90	12	67	6	4,9	8	3
EP2356312-UNF3/8	UNF 3/8-24	9,525	100	15	77	7	5,5	8	3
EP2356312-UNF1/2	UNF 1/2-20	12,7	100	13	73	9	7	10	4
EP2356312-UNF5/8	UNF 5/8-18	15,875	100	15	58	12	9	12	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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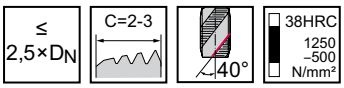
HSS-E machine taps

TD117 Advance inch

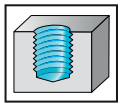
Thread·tec™ Omni



– Universal taps
– For 2B and 3B tolerances

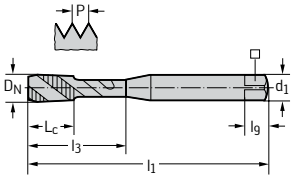


DIN ANSI | UNF ASME B1.1 | 2B / 3B



	P	M	K	N	S	H	O
WY80FC	●●	●●	●●	●●			
WY80RG	●	●●	●	●●			

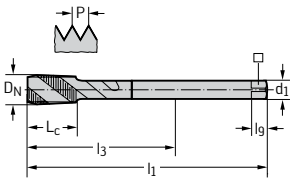
DIN-ANSI



Designation	D_N-P	D_N inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80FC	WY80RG
★ TD117.UNF0-G0-	UNF #0-80	0,060	1,575	0,197	0,197	0,141	0,110	0,19	3	☹	☹
★ TD117.UNF1-G0-	UNF #1-72	0,073	1,772	0,157	0,354	0,141	0,110	0,19	3	☹	☹
★ TD117.UNF2-G0-	UNF #2-64	0,086	1,772	0,157	0,472	0,141	0,110	0,19	3		☹
★ TD117.UNF3-G0-	UNF #3-56	0,099	1,969	0,157	0,492	0,141	0,110	0,19	3		☹
★ TD117.UNF4-G0-	UNF #4-48	0,112	2,205	0,236	0,709	0,141	0,110	0,19	3		☹
★ TD117.UNF6-G0-	UNF #6-40	0,138	2,205	0,256	0,787	0,141	0,110	0,19	3		☹
★ TD117.UNF8-G0-	UNF #8-36	0,164	2,48	0,276	0,827	0,168	0,131	0,250	3		☹
★ TD117.UNF10-G0-	UNF #10-32	0,190	2,756	0,315	0,984	0,194	0,152	0,250	3	☹	☹
★ TD117.UNF12-G0-	UNF #12-28	0,216	3,150	0,394	1,181	0,220	0,165	0,281	3		☹
★ TD117.UNF1/4-G0-	UNF 1/4-28	0,250	3,150	0,394	1,181	0,255	0,191	0,313	3	☹	☹
★ TD117.UNF5/16-G0-	UNF 5/16-24	0,312	3,543	0,472	1,378	0,318	0,238	0,380	3	☹	☹
★ TD117.UNF3/8-G0-	UNF 3/8-24	0,375	3,543	0,472	1,535	0,381	0,286	0,437	3	☹	☹

Ordering example for the grade WY80FC: TD117.UNF0-G0-WY80FC

DIN-ANSI



Designation	D_N-P	D_N inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80FC	WY80RG
★ TD117.UNF7/16-R0-	UNF 7/16-20	0,437	3,937	0,591	2,862	0,323	0,242	0,406	3	☹	☹
★ TD117.UNF1/2-R0-	UNF 1/2-20	0,500	3,937	0,591	2,831	0,367	0,275	0,437	4	☹	☹
★ TD117.UNF9/16-R0-	UNF 9/16-18	0,562	3,937	0,591	2,768	0,429	0,322	0,500	4	☹	☹
★ TD117.UNF5/8-R0-	UNF 5/8-18	0,625	3,937	0,591	2,193	0,480	0,360	0,563	4	☹	☹
★ TD117.UNF3/4-R0-	UNF 3/4-16	0,750	4,331	0,669	2,461	0,590	0,442	0,689	4	☹	☹
★ TD117.UNF7/8-R0-	UNF 7/8-14	0,875	4,921	0,709	2,99	0,697	0,523	0,750	4	☹	☹
★ TD117.UNF1.0-R0-	UNF 1"-12	1,000	5,512	0,787	2,968	0,800	0,600	0,811	5		☹
★ TD117.UNF1.1/8-R0-	UNF 1.1/8-12	1,125	5,906	0,787	3,293	0,896	0,672	0,880	5		☹

Ordering example for the grade WY80RG: TD117.UNF1.0-R0-WY80RG

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

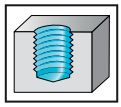
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HSS-E machine taps
TD117 Advance inch
Thread·tec™ Omni



– Universal taps
– For 2B and 3B tolerances

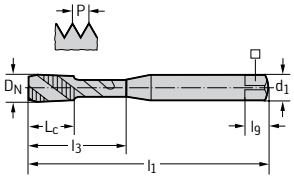
DIN ANSI | UNF ASME B1.1 | 2B / 3B



≤ 2,5×D_N | E=1,5-2 | 40° | 38HRC 1250 –500 N/mm²

	P	M	K	N	S	H	O
WY80FC	●●	●●	●●	●●			

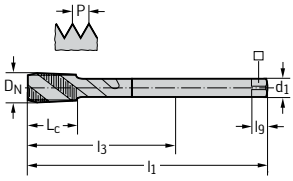
DIN-ANSI



Designation	D_N-P	D_N inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80FC
★ TD117.UNF0-GE-	UNF #0-80	0,060	1,575	0,197	0,197	0,141	0,110	0,19	3	☹
★ TD117.UNF10-GE-	UNF #10-32	0,190	2,756	0,315	0,984	0,194	0,152	0,250	3	☹
★ TD117.UNF1/4-GE-	UNF 1/4-28	0,250	3,150	0,394	1,181	0,255	0,191	0,313	3	☹
★ TD117.UNF5/16-GE-	UNF 5/16-24	0,312	3,543	0,472	1,378	0,318	0,238	0,380	3	☹
★ TD117.UNF3/8-GE-	UNF 3/8-24	0,375	3,543	0,472	1,535	0,381	0,286	0,437	3	☹

Ordering example for the grade WY80FC: TD117.UNF0-GE-WY80FC

DIN-ANSI



Designation	D_N-P	D_N inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80FC
★ TD117.UNF7/16-RE-	UNF 7/16-20	0,437	3,937	0,591	2,862	0,323	0,242	0,406	3	☹
★ TD117.UNF1/2-RE-	UNF 1/2-20	0,500	3,937	0,591	2,831	0,367	0,275	0,437	4	☹
★ TD117.UNF9/16-RE-	UNF 9/16-18	0,562	3,937	0,591	2,768	0,429	0,322	0,500	4	☹
★ TD117.UNF5/8-RE-	UNF 5/8-18	0,625	3,937	0,591	2,193	0,480	0,360	0,563	4	☹
★ TD117.UNF3/4-RE-	UNF 3/4-16	0,750	4,331	0,669	2,461	0,590	0,442	0,689	4	☹

Ordering example for the grade WY80FC: TD117.UNF1/2-RE-WY80FC

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☹ 😐 ☹ / ★ = New addition to the product range

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HSS-E machine taps

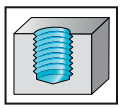
TD117 Advance inch

Thread·tec™ Omni



– Universal taps

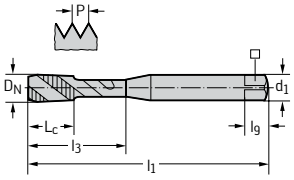
DIN ANSI | UNF ASME B1.1 | +.003" (H7)



≤ 2,5×D_N | C=2-3 | 40° | 38HRC 1250 –500 N/mm²

	P	M	K	N	S	H	O
WY80RG	●	●●	●	●●			

DIN-ANSI



Designation	D_N-P	D_N inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80RG
★ TD117.UNF10-E0-	UNF #10-32	0,190	2,756	0,315	0,984	0,194	0,152	0,250	3	☹
★ TD117.UNF1/4-E0-	UNF 1/4-28	0,250	3,150	0,394	1,181	0,255	0,191	0,313	3	☹
★ TD117.UNF5/16-E0-	UNF 5/16-24	0,312	3,543	0,472	1,378	0,318	0,238	0,380	3	☹

Ordering example for the grade WY80RG: TD117.UNF1/4-E0-WY80RG

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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HSS-E machine taps

TD117 Advance inch

Thread·tec™ Omni

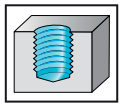


– Universal taps

DIN ANSI

UNF
ASME B1.1

+.005"
(H11)

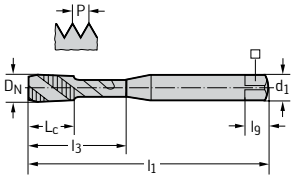


≤ 2,5×D_N | C=2-3 | 40° | 38HRC 1250 –500 N/mm²

	P	M	K	N	S	H	O
WY80RG	●	●●	●	●●			

DIN-ANSI

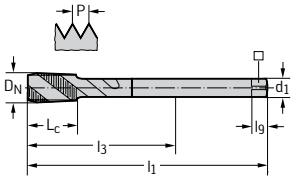
Designation	D_N-P	D_N inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80RG
★ TD117.UNF3/8-F0-	UNF 3/8-24	0,375	3,543	0,472	1,535	0,381	0,286	0,437	3	



Ordering example for the grade WY80RG: TD117.UNF3/8-F0-WY80RG

DIN-ANSI

Designation	D_N-P	D_N inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80RG
★ TD117.UNF3/4-P0-	UNF 3/4-16	0,750	4,331	0,669	2,461	0,590	0,442	0,689	4	



Ordering example for the grade WY80RG: TD117.UNF3/4-P0-WY80RG

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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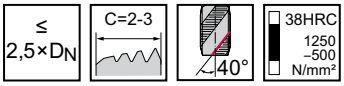
HSS-E machine taps

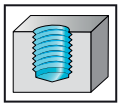
TD117 Advance mm

Thread·tec™ Omni



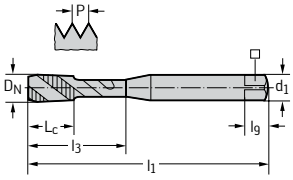
– Universal taps



UNF ASME B1.1	2B	

	P	M	K	N	S	H	O
WY80AA	●●	●	●●	●			
WY80FC	●●	●●	●●	●●			

DIN 2184-1

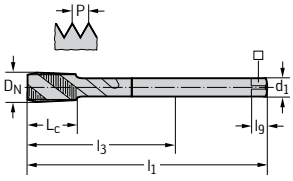


Parallel shank

Designation	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80FC
★ TD117-UNF6-C0-	UNF #6-40	3,505	56	6,5	20	4	3	6	3		☹
★ TD117-UNF8-C0-	UNF #8-36	4,166	63	7	21	4,5	3,4	6	3	☹	☹
★ TD117-UNF10-C0-	UNF #10-32	4,826	70	8	25	6	4,9	8	3	☹	☹
★ TD117-UNF12-C0-	UNF #12-28	5,486	80	10	30	6	4,9	8	3	☹	☹
★ TD117-UNF1/4-C0-	UNF 1/4-28	6,35	80	10	30	7	5,5	8	3	☹	☹

Ordering example for the grade WY80AA: TD117-UNF1/4-C0-WY80AA

DIN 2184-1



Parallel shank

Designation	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80FC
★ TD117-UNF5/16-L0-	UNF 5/16-24	7,938	90	12	67	6	4,9	8	3	☹	☹
★ TD117-UNF3/8-L0-	UNF 3/8-24	9,525	100	15	77	7	5,5	8	3	☹	☹
★ TD117-UNF7/16-L0-	UNF 7/16-20	11,113	100	15	76	8	6,2	9	3	☹	☹
★ TD117-UNF1/2-L0-	UNF 1/2-20	12,7	100	13	73	9	7	10	4	☹	☹
★ TD117-UNF9/16-L0-	UNF 9/16-18	14,288	100	15	71	11	9	12	4	☹	☹
★ TD117-UNF5/8-L0-	UNF 5/8-18	15,875	100	15	58	12	9	12	4	☹	☹
★ TD117-UNF3/4-L0-	UNF 3/4-16	19,05	110	17	66	14	11	14	4	☹	☹
★ TD117-UNF7/8-L0-	UNF 7/8-14	22,225	125	18	78	18	14,5	17	4	☹	☹
★ TD117-UNF1-L0-	UNF 1"-12	25,4	140	20	93	18	14,5	17	5	☹	☹

Ordering example for the grade WY80AA: TD117-UNF1-L0-WY80AA

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

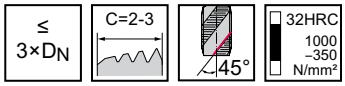
www.isotool.se
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HSS-E machine taps

TC115 Perform mm



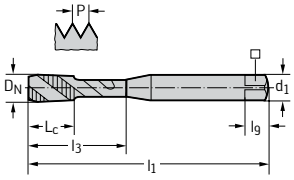

– For long-chipping materials



UNF	2B	
ASME B1.1		

	P	M	K	N	S	H	O
WY80AA	●●	●●	●●	●			

DIN 371

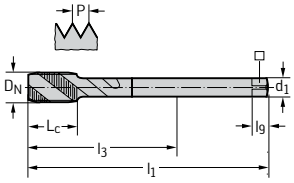


Parallel shank

Designation	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA
TC115-UNF6-C0-	UNF #6-40	3,505	56	6,5	20	4	3	6	3	
TC115-UNF10-C0-	UNF #10-32	4,826	70	8	25	6	4,9	8	3	
TC115-UNF1/4-C0-	UNF 1/4-28	6,35	80	10	30	7	5,5	8	3	
TC115-UNF5/16-C0-	UNF 5/16-24	7,938	90	12	35	8	6,2	9	3	
TC115-UNF3/8-C0-	UNF 3/8-24	9,525	100	15	39	10	8	11	3	

Ordering example for the grade WY80AA: TC115-UNF1/4-C0-WY80AA

DIN 376



Parallel shank

Designation	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA
TC115-UNF7/16-L0-	UNF 7/16-20	11,113	100	15	76	8	6,2	9	3	
TC115-UNF1/2-L0-	UNF 1/2-20	12,7	100	13	73	9	7	10	4	

Ordering example for the grade WY80AA: TC115-UNF1/2-L0-WY80AA

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

www.isotool.se
Tel. 044 - 24 55 70

HSS-E machine taps

mm

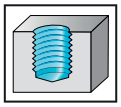
Paradur® N



– For long-chipping materials

UNF
ASME B1.1

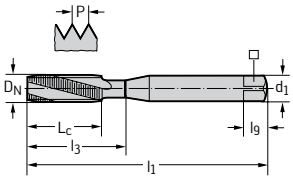
3B



≤ 1,5×D_N | C=2-3 | 15° | 32HRC, 1000 –200 N/mm²

	P	M	K	N	S	H	O
uncoated	●●		●●	●●			

DIN 2184-1

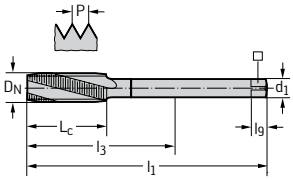


Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
23400-UNF0	UNF #0-80	1,524	40	6	6	2,5	2,1	5	3
23400-UNF8	UNF #8-36	4,166	63	7	21	4,5	3,4	6	3
23400-UNF10	UNF #10-32	4,826	70	8	25	6	4,9	8	3
23400-UNF12	UNF #12-28	5,486	80	10	30	6	4,9	8	3
23400-UNF1/4	UNF 1/4-28	6,35	80	10	30	7	5,5	8	3
23400-UNF5/16	UNF 5/16-24	7,938	90	12	35	8	6,2	9	3
23400-UNF3/8	UNF 3/8-24	9,525	100	15	39	10	8	11	3

UNF 0: Without reduced neck after the thread

DIN 2184-1



Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
23450-UNF5/16	UNF 5/16-24	7,938	90	13	67	6	4,9	8	3
23450-UNF3/8	UNF 3/8-24	9,525	100	15	77	7	5,5	8	3
23450-UNF7/16	UNF 7/16-20	11,113	100	15	76	8	6,2	9	3
23450-UNF1/2	UNF 1/2-20	12,7	100	13	73	9	7	10	3
23450-UNF9/16	UNF 9/16-18	14,288	100	15	71	11	9	12	4
23450-UNF3/4	UNF 3/4-16	19,05	110	17	66	14	11	14	4
23450-UNF7/8	UNF 7/8-14	22,225	125	18	78	18	14,5	17	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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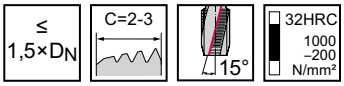
HSS-E machine taps

mm

Paradur® N



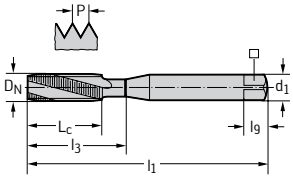
– For long-chipping materials



UNF	2B	
ASME B1.1		

	P	M	K	N	S	H	O
uncoated	●●		●●	●●			

DIN 2184-1

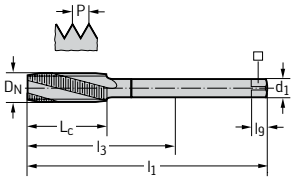


Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
23410-UNF0	UNF #0-80	1,524	40	6	6	2,5	2,1	5	3
23410-UNF1	UNF #1-72	1,854	45	4	9	2,8	2,1	5	3
23410-UNF2	UNF #2-64	2,184	45	4	12	2,8	2,1	5	3
23410-UNF10	UNF #10-32	4,826	70	8	25	6	4,9	8	3
23410-UNF1/4	UNF 1/4-28	6,35	80	10	30	7	5,5	8	3
23410-UNF5/16	UNF 5/16-24	7,938	90	12	35	8	6,2	9	3
23410-UNF3/8	UNF 3/8-24	9,525	100	15	39	10	8	11	3

UNF 0: Without reduced neck after the thread

DIN 2184-1



Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
23460-UNF5/16	UNF 5/16-24	7,938	90	13	67	6	4,9	8	3
23460-UNF3/8	UNF 3/8-24	9,525	100	15	77	7	5,5	8	3
23460-UNF7/16	UNF 7/16-20	11,113	100	15	76	8	6,2	9	3
23460-UNF1/2	UNF 1/2-20	12,7	100	13	73	9	7	10	3
23460-UNF9/16	UNF 9/16-18	14,288	100	15	71	11	9	12	4
23460-UNF5/8	UNF 5/8-18	15,875	100	15	58	12	9	12	4
23460-UNF3/4	UNF 3/4-16	19,05	110	17	66	14	11	14	4
23460-UNF7/8	UNF 7/8-14	22,225	125	18	78	18	14,5	17	4

C1

WALTER SELECT

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☺ 😐 ☹ / ★ = New addition to the product range

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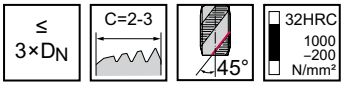
HSS-E machine taps

mm

Paradur® X·pert P

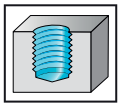


– For long-chipping materials



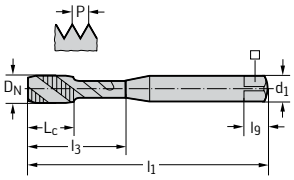
UNF
ASME B1.1

2B



	P	M	K	N	S	H	O
TIN	●●			●			●
uncoated	●●			●			●

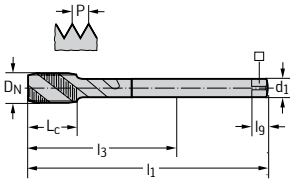
DIN 2184-1



Parallel shank

Designation TIN	Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
	P23519-UNF1	UNF #1-72	1,854	45	4	9	2,8	2,1	5	3
	P23519-UNF2	UNF #2-64	2,184	45	4	12	2,8	2,1	5	3
	P23519-UNF3	UNF #3-56	2,515	50	4	12,5	2,8	2,1	5	3
	P23519-UNF4	UNF #4-48	2,845	56	6	18	3,5	2,7	6	3
	P23519-UNF5	UNF #5-44	3,175	56	6	18	3,5	2,7	6	3
	P23519-UNF6	UNF #6-40	3,505	56	6,5	20	4	3	6	3
	P23519-UNF8	UNF #8-36	4,166	63	7	21	4,5	3,4	6	3
P2351905-UNF10	P23519-UNF10	UNF #10-32	4,826	70	8	25	6	4,9	8	3
	P23519-UNF12	UNF #12-28	5,486	80	10	30	6	4,9	8	3
P2351905-UNF1/4	P23519-UNF1/4	UNF 1/4-28	6,35	80	10	30	7	5,5	8	3

DIN 2184-1



Parallel shank

Designation TIN	Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
P2356905-UNF5/16	P23569-UNF5/16	UNF 5/16-24	7,938	90	12	67	6	4,9	8	3
P2356905-UNF3/8	P23569-UNF3/8	UNF 3/8-24	9,525	100	15	77	7	5,5	8	3
P2356905-UNF7/16	P23569-UNF7/16	UNF 7/16-20	11,113	100	15	76	8	6,2	9	3
P2356905-UNF1/2	P23569-UNF1/2	UNF 1/2-20	12,7	100	13	73	9	7	10	4
P2356905-UNF9/16	P23569-UNF9/16	UNF 9/16-18	14,288	100	15	71	11	9	12	4
P2356905-UNF5/8	P23569-UNF5/8	UNF 5/8-18	15,875	100	15	58	12	9	12	4
P2356905-UNF3/4	P23569-UNF3/4	UNF 3/4-16	19,05	110	17	66	14	11	14	4
P2356905-UNF7/8	P23569-UNF7/8	UNF 7/8-14	22,225	125	18	78	18	14,5	17	4
	P23569-UNF1	UNF 1"-12	25,4	140	20	93	18	14,5	17	5
	P23569-UNF1.1/8	UNF 1.1/8-12	28,575	150	20	85	22	18	21	5
	P23569-UNF1.1/4	UNF 1.1/4-12	31,75	150	20	85	22	18	21	5
	P23569-UNF1.3/8	UNF 1.3/8-12	34,925	170	22	101	28	22	25	5
	P23569-UNF1.1/2	UNF 1.1/2-12	38,1	170	22	101	28	22	25	5

C1

WALTER SELECT

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New addition to the product range = ☺ 😐 ☹ / ★

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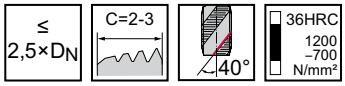
HSS-E machine taps

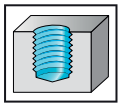
mm

Paradur® X·pert M



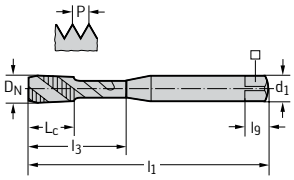

– For long-chipping materials



UNF	2B	
ASME B1.1		

	P	M	K	N	S	H	O
TIN	●	●●					
VAP	●	●●					

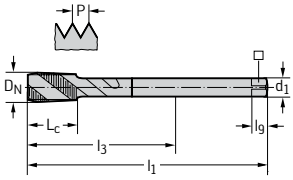
DIN 2184-1



Parallel shank

Designation TIN	Designation VAP	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
	M23513-UNF6	UNF #6-40	3,505	56	7	20	4	3	6	3
M2351305-UNF8	M23513-UNF8	UNF #8-36	4,166	63	7	21	4,5	3,4	6	3
M2351305-UNF10	M23513-UNF10	UNF #10-32	4,826	70	8	25	6	4,9	8	3
M2351305-UNF12	M23513-UNF12	UNF #12-28	5,486	80	10	30	6	4,9	8	3
M2351305-UNF1/4	M23513-UNF1/4	UNF 1/4-28	6,35	80	10	30	7	5,5	8	3

DIN 2184-1



Parallel shank

Designation TIN	Designation VAP	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
M2356305-UNF5/16	M23563-UNF5/16	UNF 5/16-24	7,938	90	12	67	6	4,9	8	3
M2356305-UNF3/8	M23563-UNF3/8	UNF 3/8-24	9,525	100	15	77	7	5,5	8	3
M2356305-UNF7/16	M23563-UNF7/16	UNF 7/16-20	11,113	100	15	76	8	6,2	9	3
M2356305-UNF1/2	M23563-UNF1/2	UNF 1/2-20	12,7	100	13	73	9	7	10	4
M2356305-UNF9/16	M23563-UNF9/16	UNF 9/16-18	14,288	100	15	71	11	9	12	4
M2356305-UNF5/8	M23563-UNF5/8	UNF 5/8-18	15,875	100	15	58	12	9	12	4
M2356305-UNF3/4	M23563-UNF3/4	UNF 3/4-16	19,05	110	17	66	14	11	14	4
M2356305-UNF1	M23563-UNF1	UNF 1"-12	25,4	140	20	93	18	14,5	17	5
M2356305-UNF7/8	M23563-UNF7/8	UNF 7/8-14	22,225	125	18	78	18	14,5	17	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E PM machine taps

mm

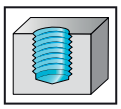
Paradur® Eco CI



– For short-chipping materials
– Nitrided

UNF
ASME B1.1

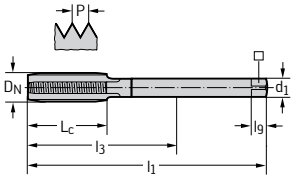
2B



≤ 3×D_N | C=2-3 | 32HRC, 1000 –100 N/mm²

	P	M	K	N	S	H	O
NID			●●	●●			●●

DIN 2184-1



Parallel shank

Designation NID	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
E23364-UNF5/16	UNF 5/16-24	7,938	90	18	67	6	4,9	8	4
E23364-UNF3/8	UNF 3/8-24	9,525	100	20	77	7	5,5	8	4
E23364-UNF7/16	UNF 7/16-20	11,113	100	20	76	8	6,2	9	4
E23364-UNF1/2	UNF 1/2-20	12,7	100	21	73	9	7	10	4
E23364-UNF9/16	UNF 9/16-18	14,288	100	21	71	11	9	12	4
E23364-UNF5/8	UNF 5/8-18	15,875	100	21	58	12	9	12	4
E23364-UNF3/4	UNF 3/4-16	19,05	110	24	66	14	11	14	4
E23364-UNF7/8	UNF 7/8-14	22,225	125	24	78	18	14,5	17	5

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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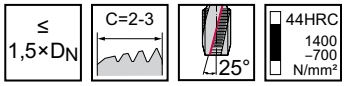
HSS-E PM machine taps

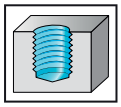
mm

Paradur® Ni



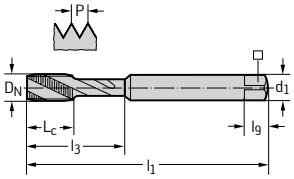
– For long-chipping materials



UNF	3B	
ASME B1.1		

	P	M	K	N	S	H	O
TICN	●				●●		
uncoated	●				●●		

~DIN 2184-1

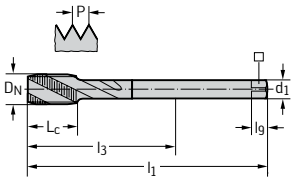


Parallel shank

Designation TICN	Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
	234104-UNF8	UNF #8-36	4,166	63	13	42	4,5	3,4	6	3
23410406-UNF10	234104-UNF10	UNF #10-32	4,826	70	16	16	6	4,9	8	3
	234104-UNF12	UNF #12-28	5,486	80	15	23	6	4,9	8	3
23410406-UNF1/4	234104-UNF1/4	UNF 1/4-28	6,35	80	15	25	7	5,5	8	3
23410406-UNF5/16	234104-UNF5/16	UNF 5/16-24	7,938	90	18	29,5	8	6,2	9	3
23410406-UNF3/8	234104-UNF3/8	UNF 3/8-24	9,525	100	20	33,5	10	8	11	4

≤ UNF 10: Without reduced neck after the thread

DIN 2184-1



Parallel shank

Designation TICN	Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
23460406-UNF7/16	234604-UNF7/16	UNF 7/16-20	11,113	100	20	76	8	6,2	9	4
	234604-UNF1/2	UNF 1/2-20	12,7	100	23	73	9	7	10	4
23460406-UNF5/8	234604-UNF5/8	UNF 5/8-18	15,875	100	25	58	12	9	12	4

C1

WALTER SELECT

●● Primary application ● Other application

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☺ 😐 ☹ / ★ = New addition to the product range

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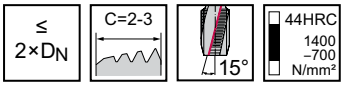
HSS-E PM machine taps

mm

Paradur® Ti

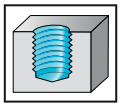


– Recommended with oil
– For long-chipping materials



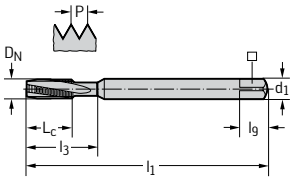
UNF
ASME B1.1

3B



	P	M	K	N	S	H	O
uncoated	●●			●	●●		

~DIN 2184-1

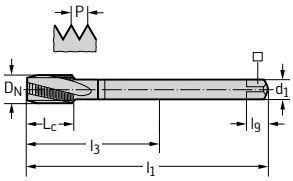


Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
234164-UNF10	UNF #10-32	4,826	70	16	16	6	4,9	8	3
234164-UNF1/4	UNF 1/4-28	6,35	80	15	25	7	5,5	8	3
234164-UNF5/16	UNF 5/16-24	7,938	90	18	29,5	8	6,2	9	3
234164-UNF3/8	UNF 3/8-24	9,525	100	20	33,5	10	8	11	3

≤ UNF 10: Without reduced neck after the thread

DIN 2184-1



Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	d_1 h9 mm	□ mm	l_9 mm	N
234664-UNF7/16	UNF 7/16-20	11,113	100	20	8	6,2	9	4
234664-UNF1/2	UNF 1/2-20	12,7	100	23	9	7	10	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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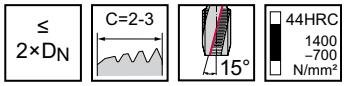
HSS-E PM machine taps

mm

Paradur® Ti

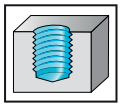


– Recommended with oil
– For long-chipping materials



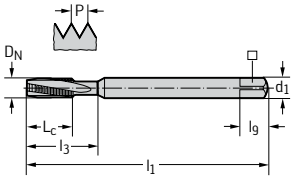
UNF
ASME B1.1

2B



	P	M	K	N	S	H	O
uncoated	●●			●	●●		

~DIN 2184-1

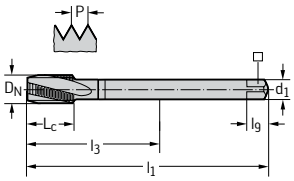


Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
23416-UNF6	UNF #6-40	3,505	56	12	35	4	3	6	3
23416-UNF10	UNF #10-32	4,826	70	16	16	6	4,9	8	3
23416-UNF1/4	UNF 1/4-28	6,35	80	15	25	7	5,5	8	3
23416-UNF5/16	UNF 5/16-24	7,938	90	18	29,5	8	6,2	9	3
23416-UNF3/8	UNF 3/8-24	9,525	100	20	33,5	10	8	11	3

≤ UNF 10: Without reduced neck after the thread

DIN 2184-1



Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
23466-UNF7/16	UNF 7/16-20	11,113	100	20	76	8	6,2	9	4
23466-UNF1/2	UNF 1/2-20	12,7	100	23	73	9	7	10	4
23466-UNF5/8	UNF 5/8-18	15,875	100	25	58	12	9	12	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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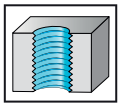
HSS-E machine taps

mm

Prototex® X-pert P



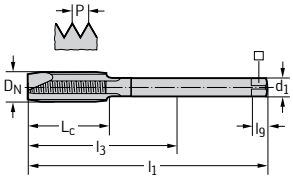
– For long-chipping materials

UNEF ASME B1.1	2B	

≤ 3×D_N | B=3,5-5 | 32HRC, 1000 –200 N/mm²

	P	M	K	N	S	H	O
uncoated	●●			●			●

DIN 2184-1



Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
P233602-UNEF1/4	UNEF 1/4-32	6,35	80	15	59	4,5	3,4	6	3
P233602-UNEF5/16	UNEF 5/16-32	7,938	90	18	67	6	4,9	8	3
P233602-UNEF3/8	UNEF 3/8-32	9,525	90	20	67	7	5,5	8	3
P233602-UNEF7/16	UNEF 7/16-28	11,113	90	20	66	8	6,2	9	3
P233602-UNEF1/2	UNEF 1/2-28	12,7	100	21	73	9	7	10	4
P233602-UNEF9/16	UNEF 9/16-24	14,288	100	21	71	11	9	12	4
P233602-UNEF5/8	UNEF 5/8-24	15,875	100	21	58	12	9	12	4
P233602-UNEF11/16	UNEF 11/16-24	17,463	110	24	66	14	11	14	4
P233602-UNEF3/4	UNEF 3/4-20	19,05	110	24	66	14	11	14	4
P233602-UNEF7/8	UNEF 7/8-20	22,225	125	24	78	18	14,5	17	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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HSS-E machine taps

TD217 Advance mm

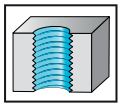
Thread·tec™ Omni



– Universal taps

UNEF
ASME B1.1

2B



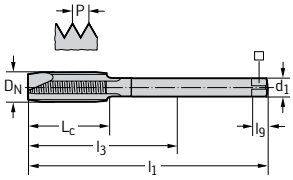
≤ 3×D_N

B=3,5-5

38HRC
1250
–350
N/mm²

	P	M	K	N	S	H	O
WY80FC	●●	●●	●●	●●			

DIN 2184-1



Parallel shank

Designation	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80FC
★ TD217-UNEF1/4-L0-	UNEF 1/4-32	6,35	80	15	59	4,5	3,4	6	3	
★ TD217-UNEF5/16-L0-	UNEF 5/16-32	7,938	90	18	67	6	4,9	8	3	
★ TD217-UNEF3/8-L0-	UNEF 3/8-32	9,525	90	20	67	7	5,5	8	3	
★ TD217-UNEF7/16-L0-	UNEF 7/16-28	11,113	90	20	66	8	6,2	9	3	
★ TD217-UNEF1/2-L0-	UNEF 1/2-28	12,7	100	21	73	9	7	10	4	
★ TD217-UNEF9/16-L0-	UNEF 9/16-24	14,288	100	21	71	11	9	12	4	
★ TD217-UNEF5/8-L0-	UNEF 5/8-24	15,875	100	21	58	12	9	12	4	
★ TD217-UEF11/16-L0-	UNEF 11/16-24	17,463	110	24	66	14	11	14	4	
★ TD217-UNEF3/4-L0-	UNEF 3/4-20	19,05	110	24	66	14	11	14	4	
★ TD217-UNEF7/8-L0-	UNEF 7/8-20	22,225	125	24	78	18	14,5	17	4	

Ordering example for the grade WY80FC: TD217-UEF11/16-L0-WY80FC

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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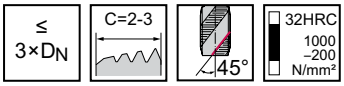
HSS-E machine taps

mm

Paradur® X·pert P



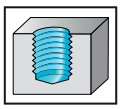
– For long-chipping materials



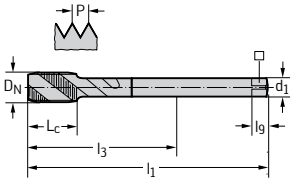
	P	M	K	N	S	H	O
uncoated	●●			●			●

UNEF
ASME B1.1

2B



DIN 2184-1



Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
P235692-UNEF1/4	UNEF 1/4-32	6,35	80	10	59	4,5	3,4	6	3
P235692-UNEF5/16	UNEF 5/16-32	7,938	90	12	67	6	4,9	8	3
P235692-UNEF3/8	UNEF 3/8-32	9,525	90	12	67	7	5,5	8	3
P235692-UNEF7/16	UNEF 7/16-28	11,113	90	15	66	8	6,2	9	3
P235692-UNEF1/2	UNEF 1/2-28	12,7	100	13	73	9	7	10	4
P235692-UNEF9/16	UNEF 9/16-24	14,288	100	15	71	11	9	12	4
P235692-UNEF5/8	UNEF 5/8-24	15,875	100	15	58	12	9	12	4
P235692-UNEF11/16	UNEF 11/16-24	17,463	110	17	66	14	11	14	4
P235692-UNEF3/4	UNEF 3/4-20	19,05	110	17	66	14	11	14	4
P235692-UNEF7/8	UNEF 7/8-20	22,225	125	18	78	18	14,5	17	4
P235692-UNEF1	UNEF 1"-20	25,4	140	20	93	18	14,5	17	5

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

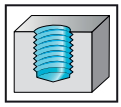
www.isotool.se
Tel. 044 - 24 55 70

HSS-E machine taps
TD117 Advance inch
Thread·tec™ Omni



– Universal taps
– For 2B and 3B tolerances

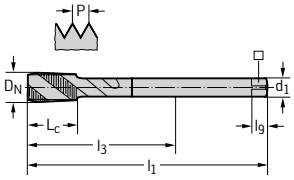
DIN ANSI | UN-8 ASME B1.1 | 2B / 3B



≤ 2,5×D_N | C=2-3 | 40° | 38HRC 1250 –500 N/mm²

	P	M	K	N	S	H	O
WY80RG	●	●●	●	●●			

DIN-ANSI



Designation	D_N-P	D_N inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80RG
★ TD117.UN1.1/8-R0-	UN 1.1/8-8	1,125	7,087	1,181	4,474	0,896	0,672	0,880	5	
★ TD117.UN1.1/4-R0-	UN 1.1/4-8	1,250	7,087	1,181	4,354	1,021	0,766	1,000	5	
★ TD117.UN1.3/8-R0-	UN 1.3/8-8	1,375	7,874	1,181	4,016	1,108	0,831	1,063	5	

Ordering example for the grade WY80RG: TD117.UN1.1/4-R0-WY80RG

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E machine taps

TD117 Advance mm

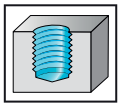
Thread·tec™ Omni



– Universal taps

UN-8
ASME B1.1

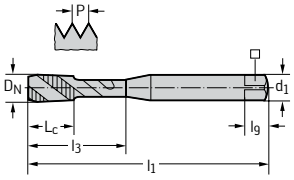
2B / 3B



≤ 2,5×D_N | C=2-3 | 40° | 38HRC 1250 –500 N/mm²

	P	M	K	N	S	H	O
WY80FC	●●	●●	●●	●●			

DIN 2184-1



Parallel shank

Designation	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80FC
★ TD117-UN1.1/8-K0-	UN 1.1/8-8	28,575	160	30	97	20	16	19	5	☹
★ TD117-UN1.1/4-K0-	UN 1.1/4-8	31,75	180	30	115	22	18	21	5	☹
★ TD117-UN1.3/8-K0-	UN 1.3/8-8	34,925	200	30	131	28	22	25	5	☹

Ordering example for the grade WY80FC: TD117-UN1.1/4-K0-WY80FC

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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HSS-E machine taps

TD117 Advance mm

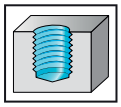
Thread·tec™ Omni



– Universal taps

UN-8
ASME B1.1

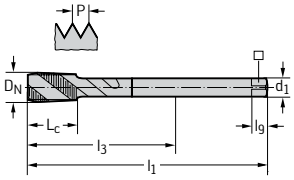
2B



≤ 2,5×D_N | C=2-3 | 40° | 38HRC 1250 –500 N/mm²

	P	M	K	N	S	H	O
WY80FC	●●	●●	●●	●●			

DIN 2184-1



Parallel shank

Designation	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80FC
★ TD117-UN1.1/8-L0-	UN 1.1/8-8	28,575	160	30	97	20	16	19	5	
★ TD117-UN1.1/4-L0-	UN 1.1/4-8	31,75	180	30	115	22	18	21	5	
★ TD117-UN1.3/8-L0-	UN 1.3/8-8	34,925	200	30	131	28	22	25	5	
★ TD117-UN1.1/2-L0-	UN 1.1/2-8	38,1	200	30	131	28	22	25	5	
★ TD117-UN1.5/8-L0-	UN 1.5/8-8	41,275	200	33	102	32	24	27	6	
★ TD117-UN1.3/4-L0-	UN 1.3/4-8	44,45	200	33	97	36	29	32	6	
★ TD117-UN1.7/8-L0-	UN 1.7/8-8	47,625	225	36	122	36	29	32	6	
★ TD117-UN2-L0-	UN 2"-8	50,8	225	36	95	40	32	35	6	

Ordering example for the grade WY80FC: TD117-UN1.1/2-L0-WY80FC

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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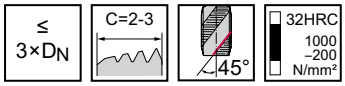
HSS-E machine taps

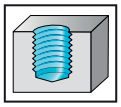
mm

Paradur® X·pert P



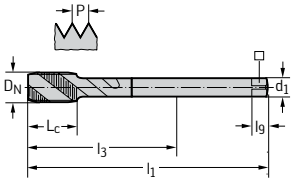
– For long-chipping materials



UN-8 ASME B1.1	2B	

	P	M	K	N	S	H	O
uncoated	●●			●			●

DIN 2184-1



Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	d_1 h9 mm	□ mm	l_9 mm	N
P265676-UN1.1/8	UN 1.1/8-8	28,575	180	30	22	18	21	5
P265676-UN1.1/4	UN 1.1/4-8	31,75	180	30	22	18	21	5
P265676-UN1.3/8	UN 1.3/8-8	34,925	200	30	28	22	25	5
P265676-UN1.1/2	UN 1.1/2-8	38,1	200	30	28	22	25	5
P265676-UN1.5/8	UN 1.5/8-8	41,275	200	33	32	24	27	6
P265676-UN1.3/4	UN 1.3/4-8	44,45	200	33	36	29	32	6
P265676-UN1.7/8	UN 1.7/8-8	47,625	225	36	36	29	32	6
P265676-UN2	UN 2"-8	50,8	225	36	40	32	35	6

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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Tel. 044 - 24 55 70

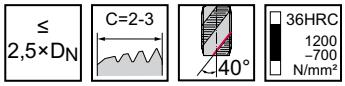
HSS-E machine taps

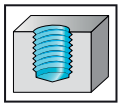
mm

Paradur® X·pert M



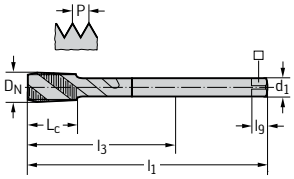
– For long-chipping materials



UN-8 ASME B1.1	3B	

	P	M	K	N	S	H	O
VAP	●	●●					

DIN 2184-1-C



Parallel shank

Designation VAP	D_N-P	D_N mm	l_1 mm	L_c mm	d_1 h9 mm	□ mm	l_9 mm	N
M225532-UN1.1/4	UN 1.1/4-8	31,75	180	30	22	18	21	4
M225532-UN1.1/8	UN 1.1/8-8	28,575	180	30	22	18	21	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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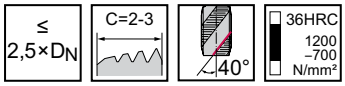
HSS-E machine taps

mm

Paradur® X·pert M



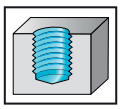
– For long-chipping materials



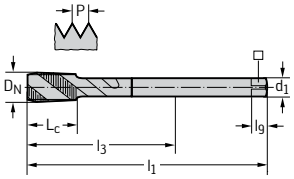
	P	M	K	N	S	H	O
VAP	●	●●					

UN-8
ASME B1.1

2B



DIN 2184-1



Parallel shank

Designation VAP	D_N-P	D_N mm	l_1 mm	L_c mm	d_1 h9 mm	□ mm	l_9 mm	N
M225632-UN1.1/4	UN 1.1/4-8	31,75	180	30	22	18	21	4
M225632-UN1.1/8	UN 1.1/8-8	28,575	180	30	22	18	21	4
M225632-UN1.1/2	UN 1.1/2-8	38,1	200	30	28	22	25	5
M225632-UN1.3/8	UN 1.3/8-8	34,925	200	30	28	22	25	5
M225632-UN1.5/8	UN 1.5/8-8	41,275	200	33	32	24	27	5
M225632-UN1.3/4	UN 1.3/4-8	44,45	200	33	36	29	32	6

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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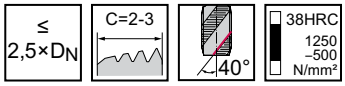
HSS-E machine taps

TD117 Advance inch

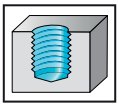
Thread·tec™ Omni



– Universal taps
– For 2B and 3B tolerances

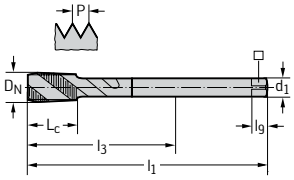


DIN ANSI | UNS ASME B1.1 | 2B / 3B



	P	M	K	N	S	H	O
WY80FC	●●	●●	●●	●●			
WY80RG	●	●●	●	●●			

DIN-ANSI



Designation	D_N-P	D_N inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80FC	WY80RG
★ TD117.UNS1.0-R0-	UNS 1"-14	1,000	5,512	0,787	2,968	0,800	0,600	0,811	5	☹	☹

Ordering example for the grade WY80FC: TD117.UNS1.0-R0-WY80FC

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E PM machine taps

mm

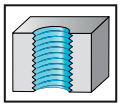
Prototex® TiNi Plus



– Recommended with emulsion
– External diameter, rounded

MJ
DIN ISO 5855-1

ISO1/4H



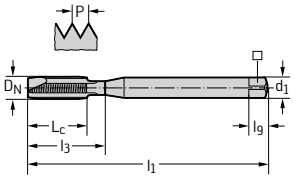
≤ 2×D_N

B=3,5-5

44HRC
1400
–700
N/mm²

	P	M	K	N	S	H	O
ACN					●●		

~DIN 371



Parallel shank

Designation ACN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
2020763-MJ3	MJ 3	0,5	56	10	10	3,5	2,7	6	2
2020763-MJ4	MJ 4	0,7	63	13	13	4,5	3,4	6	3
2020763-MJ5	MJ 5	0,8	70	16	16	6	4,9	8	3
2020763-MJ6	MJ 6	1	80	15	23	6	4,9	8	3
2020763-MJ8	MJ 8	1,25	90	18	29	8	6,2	9	3
2020763-MJ10	MJ 10	1,5	100	20	33	10	8	11	3

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

www.isotool.se
Tel. 044 - 24 55 70

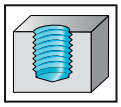
HSS-E PM machine taps

mm

Paradur® Ni 10



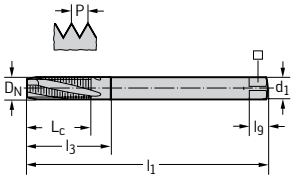
– External diameter, rounded
– For long- and short-chipping materials

MJ DIN ISO 5855-1	ISO1/4H	

≤ 1,5×D_N	C=2-3		49HRC 1600 –1000 N/mm²

	P	M	K	N	S	H	O
uncoated	●●			●	●●		

~DIN 371



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
2041014-MJ3	MJ 3	0,5	56	8	8	3,5	2,7	6	3
2041014-MJ4	MJ 4	0,7	63	10,5	10,5	4,5	3,4	6	3
2041014-MJ5	MJ 5	0,8	70	13	13	6	4,9	8	3
2041014-MJ6	MJ 6	1	80	15,5	15,5	6	4,9	8	3

Without reduced neck after the thread

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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Tel. 044 - 24 55 70

HSS-E PM machine taps

mm

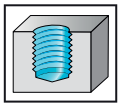
Paradur® Ti



– Recommended with oil
– External diameter, rounded

MJ
DIN ISO 5855-1

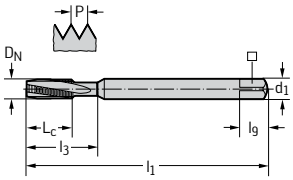
ISO1/4H



≤ 2×D_N | C=2-3 | 15° | 44HRC 1400 –700 N/mm²

	P	M	K	N	S	H	O
uncoated	●●			●	●●		

~DIN 371



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_g mm	N
204164-MJ3	MJ 3	0,5	56	10	10	3,5	2,7	6	3
204164-MJ4	MJ 4	0,7	63	13	13	4,5	3,4	6	3
204164-MJ5	MJ 5	0,8	70	16	16	6	4,9	8	3
204164-MJ6	MJ 6	1	80	15	23	6	4,9	8	3
204164-MJ8	MJ 8	1,25	90	18	29,5	8	6,2	9	3
204164-MJ10	MJ 10	1,5	100	20	33,5	10	8	11	3

≤ MJ 5: Without reduced neck after the thread

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

www.isotool.se
Tel. 044 - 24 55 70

HSS-E PM machine taps

mm

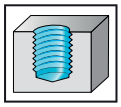
Paradur® Ti Plus



– Recommended with emulsion
– External diameter, rounded

MJ
DIN ISO 5855-1

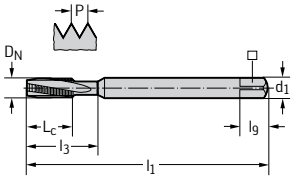
ISO1/4H



≤ 2×D_N | C=2-3 | 15° | 44HRC 1400 –700 N/mm²

	P	M	K	N	S	H	O
ACN					●●		

~DIN 371



Parallel shank

Designation ACN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_g mm	N
2040663-MJ3	MJ 3	0,5	56	10	10	3,5	2,7	6	3
2040663-MJ4	MJ 4	0,7	63	13	13	4,5	3,4	6	3
2040663-MJ5	MJ 5	0,8	70	16	16	6	4,9	8	3
2040663-MJ6	MJ 6	1	80	15	23	6	4,9	8	3
2040663-MJ8	MJ 8	1,25	90	18	29	8	6,2	9	3
2040663-MJ10	MJ 10	1,5	100	20	33	10	8	11	3

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E PM machine taps

mm

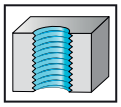
Prototex® TiNi Plus



– Recommended with emulsion
– External diameter, rounded

UNJC
ASME B1.15

3B



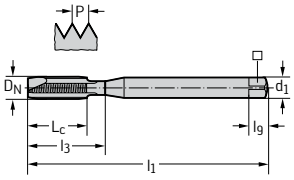
≤ 2×D_N

B=3,5-5

44HRC
1400
–700
N/mm²

	P	M	K	N	S	H	O
ACN					●●		

~DIN 2184-1



Parallel shank

Designation ACN	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
2220763-UNJC4	UNJC #4-40	2,845	56	10	10	3,5	2,7	6	2
2220763-UNJC6	UNJC #6-32	3,505	56	12	12	4	3	6	3
2220763-UNJC8	UNJC #8-32	4,166	63	13	13	4,5	3,4	6	3
2220763-UNJC10	UNJC #10-24	4,826	70	16	16	6	4,9	8	3
2220763-UNJC1/4	UNJC 1/4-20	6,35	80	15	25	7	5,5	8	3
2220763-UNJC5/16	UNJC 5/16-18	7,938	90	18	29	8	6,2	9	3
2220763-UNJC3/8	UNJC 3/8-16	9,525	100	20	33	10	8	11	3

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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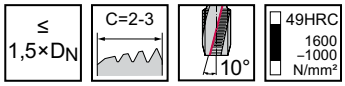
HSS-E PM machine taps

mm

Paradur® Ni 10

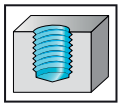


– External diameter, rounded
– For long- and short-chipping materials



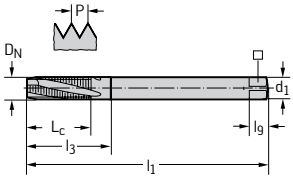
UNJC
ASME B1.15

3B



	P	M	K	N	S	H	O
uncoated	●●			●	●●		

~DIN 2184-1



Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
224101-UNJC4	UNJC #4-40	2,845	56	8	8	3,5	2,7	6	3
224101-UNJC6	UNJC #6-32	3,505	56	10	10	4	3	6	3
224101-UNJC8	UNJC #8-32	4,166	63	11	11	4,5	3,4	6	3
224101-UNJC10	UNJC #10-24	4,826	70	13,5	13,5	6	4,9	8	3
224101-UNJC1/4	UNJC 1/4-20	6,35	80	17,5	17,5	7	5,5	8	3
224101-UNJC5/16	UNJC 5/16-18	7,938	90	21	21	8	6,2	9	3
224101-UNJC3/8	UNJC 3/8-16	9,525	100	25	25	10	8	11	3

≤ UNC 10: Without reduced neck after the thread

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E PM machine taps

mm

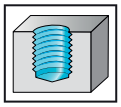
Paradur® Ti Plus



– Recommended with emulsion
– External diameter, rounded

UNJC
ASME B1.15

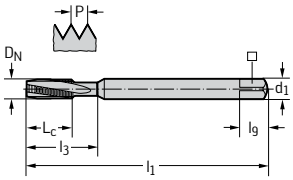
3B



≤ 2×D_N | C=2-3 | 15° | 44HRC 1400 –700 N/mm²

	P	M	K	N	S	H	O
ACN					●●		

~DIN 2184-1



Parallel shank

Designation ACN	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_g mm	N
2240663-UNJC4	UNJC #4-40	2,845	56	10	10	3,5	2,7	6	3
2240663-UNJC6	UNJC #6-32	3,505	56	12	12	4	3	6	3
2240663-UNJC8	UNJC #8-32	4,166	63	13	13	4,5	3,4	6	3
2240663-UNJC10	UNJC #10-24	4,826	70	16	16	6	4,9	8	3
2240663-UNJC1/4	UNJC 1/4-20	6,35	80	15	25	7	5,5	8	3
2240663-UNJC5/16	UNJC 5/16-18	7,938	90	18	29	8	6,2	9	3
2240663-UNJC3/8	UNJC 3/8-16	9,525	100	20	33	10	8	11	3

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

www.isotool.se
Tel. 044 - 24 55 70

HSS-E PM machine taps

mm

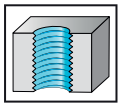
Prototex® TiNi Plus



– Recommended with emulsion
– External diameter, rounded

UNJF
ASME B1.15

3B



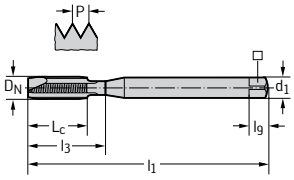
≤ 2×D_N

B=3,5-5

44HRC
1400
–700
N/mm²

	P	M	K	N	S	H	O
ACN					●●		

~DIN 2184-1



Parallel shank

Designation ACN	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
2320763-UNJF6	UNJF #6-40	3,505	56	12	12	4	3	6	3
2320763-UNJF8	UNJF #8-36	4,166	63	13	13	4,5	3,4	6	3
2320763-UNJF10	UNJF #10-32	4,826	70	16	16	6	4,9	8	3
2320763-UNJF12	UNJF #12-28	5,486	80	15	23	6	4,9	8	3
2320763-UNJF1/4	UNJF 1/4-28	6,35	80	15	25	7	5,5	8	3
2320763-UNJF5/16	UNJF 5/16-24	7,938	90	18	29,5	8	6,2	9	3
2320763-UNJF7/16	UNJF 7/16-20	11,113	100	20	76	8	6,2	9	4
2320763-UNJF1/2	UNJF 1/2-20	12,7	100	23	73	9	7	10	4
2320763-UNJF3/8	UNJF 3/8-24	9,525	100	20	33,5	10	8	11	3
2320763-UNJF9/16	UNJF 9/16-18	14,288	100	25	71	11	9	12	4
2320763-UNJF5/8	UNJF 5/8-18	15,875	100	25	58	12	9	12	4
2320763-UNJF7/8	UNJF 7/8-14	22,225	125	30	78	18	14,5	17	4

≤ UNJF 10: Without reduced neck after the thread

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E PM machine taps

mm

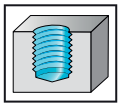
Paradur® Ni 10



– External diameter, rounded
– For long- and short-chipping materials

UNJF
ASME B1.15

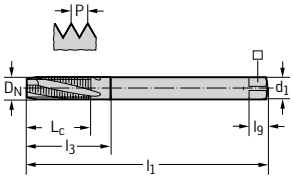
3B



≤ 1,5×D_N | C=2-3 | 10° | 49HRC | 1600 –1000 N/mm²

	P	M	K	N	S	H	O
uncoated	●●			●	●●		

~DIN 2184-1



Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
234101-UNJF6	UNJF #6-40	3,505	56	9,5	9,5	4	3	6	3
234101-UNJF8	UNJF #8-36	4,166	63	11	11	4,5	3,4	6	3
234101-UNJF10	UNJF #10-32	4,826	70	12,5	12,5	6	4,9	8	3
234101-UNJF12	UNJF #12-28	5,486	80	14,5	14,5	6	4,9	8	3
234101-UNJF1/4	UNJF 1/4-28	6,35	80	16	16	7	5,5	8	3
234101-UNJF5/16	UNJF 5/16-24	7,938	90	20	20	8	6,2	9	3
234101-UNJF3/8	UNJF 3/8-24	9,525	100	23	23	10	8	11	3
234101-UNJF7/16	UNJF 7/16-20	11,113	100	27	27	12	9	12	4
234101-UNJF1/2	UNJF 1/2-20	12,7	100	30	30	14	11	14	4
234101-UNJF9/16	UNJF 9/16-18	14,288	100	33,5	56	14	11	14	4
234101-UNJF5/8	UNJF 5/8-18	15,875	100	37	55	16	12	15	4
234101-UNJF7/8	UNJF 7/8-14	22,225	125	51	78	18	14,5	17	5

≤ UNJF 10: Without reduced neck after the thread

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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HSS-E PM machine taps

mm

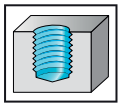
Paradur® Ti Plus



– Recommended with emulsion
– External diameter, rounded

UNJF
ASME B1.15

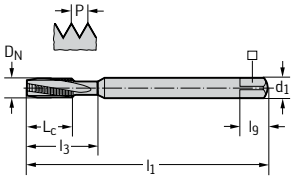
3B



≤ 2×D_N | C=2-3 | 15° | 44HRC 1400 –700 N/mm²

	P	M	K	N	S	H	O
ACN					●●		

~DIN 2184-1



Parallel shank

Designation ACN	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
2340663-UNJF6	UNJF #6-40	3,505	56	12	12	4	3	6	3
2340663-UNJF8	UNJF #8-36	4,166	63	13	13	4,5	3,4	6	3
2340663-UNJF10	UNJF #10-32	4,826	70	16	16	6	4,9	8	3
2340663-UNJF12	UNJF #12-28	5,486	80	15	23	6	4,9	8	3
2340663-UNJF1/4	UNJF 1/4-28	6,35	80	15	25	7	5,5	8	3
2340663-UNJF5/16	UNJF 5/16-24	7,938	90	18	29,5	8	6,2	9	3
2340663-UNJF3/8	UNJF 3/8-24	9,525	100	20	33,5	10	8	11	3
2340663-UNJF7/16	UNJF 7/16-20	11,113	100	20	76	8	6,2	9	4
2340663-UNJF1/2	UNJF 1/2-20	12,7	100	23	73	9	7	10	4
2340663-UNJF9/16	UNJF 9/16-18	14,288	100	25	71	11	9	12	4
2340663-UNJF5/8	UNJF 5/8-18	15,875	100	25	58	12	9	12	4
2340663-UNJF7/8	UNJF 7/8-14	22,225	125	30	78	18	14,5	17	5

≤ UNJF 10: Without reduced neck after the thread

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E PM machine taps

mm

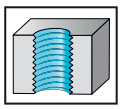
Prototex® Eco Plus



– For long-chipping materials

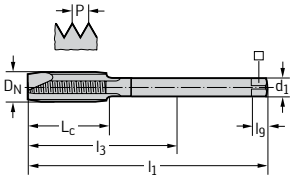
≤ 3,5×D_N | B=3,5-5 | 42HRC 1350 –500 N/mm²

G (BSP)
DIN EN ISO 228



	P	M	K	N	S	H	O
THL	●●	●●	●●	●●			

DIN 5156



Parallel shank

Designation THL	D_N-P	D_N mm	Gear per inch	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2426302-G1/8	G 1/8-28	9,728	28	90	20	67	7	5,5	8	3
EP2426302-G1/4	G 1/4-19	13,157	19	100	21	71	11	9	12	4
EP2426302-G3/8	G 3/8-19	16,662	19	100	21	58	12	9	12	4
EP2426302-G1/2	G 1/2-14	20,955	14	125	24	80	16	12	15	4
EP2426302-G5/8	G 5/8-14	22,911	14	125	24	78	18	14,5	17	4
EP2426302-G3/4	G 3/4-14	26,441	14	140	26	77	20	16	19	5
EP2426302-G1	G 1"-11	33,249	11	160	28	93	25	20	23	5

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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HSS-E machine taps

TD217 Advance mm

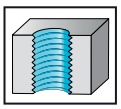
Thread·tec™ Omni



– Universal taps

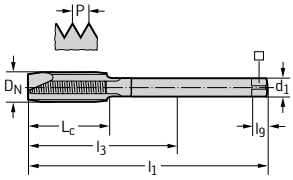
≤ 3×D_N | B=3,5-5 | 38HRC 1250 –350 N/mm²

G (BSP)
DIN EN ISO 228



	P	M	K	N	S	H	O
WY80AA	●●	●	●●	●			
WY80FC	●●	●●	●●	●●			

DIN 5156



Parallel shank

Designation	D_N-P	D_N mm	Gear per inch	l_1 mm	L_c mm	l_3 mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80FC
★ TD217-G1/8-N0-	G 1/8-28	9,728	28	90	20	67	67	7	5,5	8	3	☹	☹
★ TD217-G1/4-N0-	G 1/4-19	13,157	19	100	21	71	71	11	9	12	4	☹	☹
★ TD217-G3/8-N0-	G 3/8-19	16,662	19	100	21	58	58	12	9	12	4	☹	☹
★ TD217-G1/2-N0-	G 1/2-14	20,955	14	125	24	80	80	16	12	15	4	☹	☹
★ TD217-G5/8-N0-	G 5/8-14	22,911	14	125	24	78	78	18	14,5	17	4		☹
★ TD217-G3/4-N0-	G 3/4-14	26,441	14	140	26	77	77	20	16	19	4	☹	☹
★ TD217-G7/8-N0-	G 7/8-14	30,201	14	150	26	85	85	22	18	21	4		☹
★ TD217-G1-N0-	G 1"-11	33,249	11	160	28	93	93	25	20	23	5	☹	☹
★ TD217-G1.1/4-N0-	G 1.1/4-11	41,91	11	170	28	72	72	32	24	27	5		☹
★ TD217-G1.1/2-N0-	G 1.1/2-11	47,803	11	190	30	87	87	36	29	32	6		☹
★ TD217-G2-N0-	G 2"-11	59,614	11	220	34	87	87	45	35	38	6		☹

Ordering example for the grade WY80AA: TD217-G1-N0-WY80AA

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E machine taps

mm

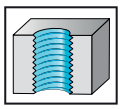
Prototex® X-pert P



– For long-chipping materials

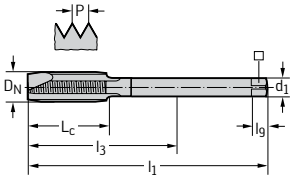
≤ 3×D_N | B=3,5-5 | 32HRC 1000 –200 N/mm²

G (BSP)
DIN EN ISO 228



	P	M	K	N	S	H	O
TIN	●●			●			●
uncoated	●●			●			●

DIN 5156



Parallel shank

Designation TIN	Designation uncoated	D_N-P	D_N mm	Gear per inch	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
P2436005-G1/8	P24360-G1/8	G 1/8-28	9,728	28	90	20	67	7	5,5	8	3
P2436005-G1/4	P24360-G1/4	G 1/4-19	13,157	19	100	21	71	11	9	12	3
P2436005-G3/8	P24360-G3/8	G 3/8-19	16,662	19	100	21	58	12	9	12	4
P2436005-G1/2	P24360-G1/2	G 1/2-14	20,955	14	125	24	80	16	12	15	4
	P24360-G5/8	G 5/8-14	22,911	14	125	24	78	18	14,5	17	4
P2436005-G3/4	P24360-G3/4	G 3/4-14	26,441	14	140	26	77	20	16	19	4
	P24360-G7/8	G 7/8-14	30,201	14	150	26	85	22	18	21	4
P2436005-G1	P24360-G1	G 1"-11	33,249	11	160	28	93	25	20	23	4
	P24360-G1.1/4	G 1.1/4-11	41,91	11	170	28	72	32	24	27	4
	P24360-G1.1/2	G 1.1/2-11	47,803	11	190	30	87	36	29	32	5
	P24360-G2	G 2"-11	59,614	11	220	34	87	45	35	38	5

l_9 dimensions in accordance with DIN 10

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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HSS-E machine taps

mm

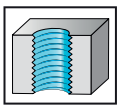
Prototex® X-pert M



– For long-chipping materials

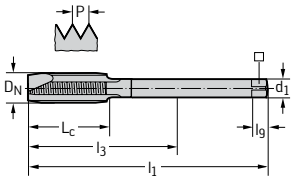
≤ 3×D_N | B=3,5-5 | 36HRC 1200 –700 N/mm²

G (BSP)
DIN EN ISO 228



	P	M	K	N	S	H	O
TIN	●	●●					
VAP	●	●●					

DIN 5156



Parallel shank

Designation TIN	Designation VAP	D_N-P	D_N mm	Gear per inch	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
M2426305-G1/8	M24263-G1/8	G 1/8-28	9,728	28	90	20	67	7	5,5	8	3
M2426305-G1/4	M24263-G1/4	G 1/4-19	13,157	19	100	21	71	11	9	12	4
M2426305-G3/8	M24263-G3/8	G 3/8-19	16,662	19	100	21	58	12	9	12	4
M2426305-G1/2	M24263-G1/2	G 1/2-14	20,955	14	125	24	80	16	12	15	4
M2426305-G3/4	M24263-G3/4	G 3/4-14	26,441	14	140	26	77	20	16	19	4
M2426305-G1	M24263-G1	G 1"-11	33,249	11	160	28	93	25	20	23	5

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E taps, short

mm

KMB Ms



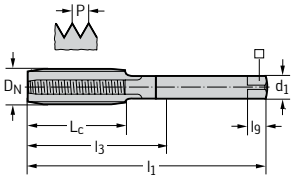
– For short-chipping materials

≤ 3×D_N	F=1-1,5	Tol. +0,05 mm	S l_1	25HRC 850 –350 N/mm²

G (BSP) DIN EN ISO 228		

	P	M	K	N	S	H	O
uncoated				●●			●

DIN 5157



Parallel shank

Designation uncoated	D_N-P	D_N mm	Gear per inch	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
24165-G1/8	G 1/8-28	9,728	28	63	20	40	7	5,5	8	3
24165-G1/4	G 1/4-19	13,157	19	70	20	41	11	9	12	4
24165-G3/8	G 3/8-19	16,662	19	70	20	28	12	9	12	4
24165-G1/2	G 1/2-14	20,955	14	80	22	35	16	12	15	6
24165-G3/4	G 3/4-14	26,441	14	90	22	27	20	16	19	6
24165-G1	G 1"-11	33,249	11	100	25	33	25	20	23	6

Thread machining allowance 0.05 mm

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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Tel. 044 - 24 55 70

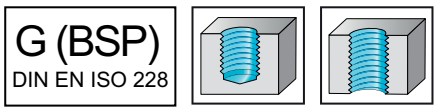
HSS-E taps, short

mm

KMB Ms



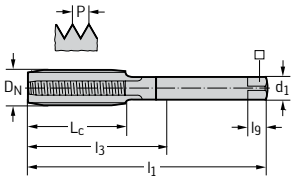
– For short-chipping materials





	P	M	K	N	S	H	O
uncoated				●●			●

DIN 5157



Parallel shank

Designation uncoated	D_N-P	D_N mm	Gear per inch	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
24195-G1/8	G 1/8-28	9,728	28	63	20	40	7	5,5	8	3
24195-G1/4	G 1/4-19	13,157	19	70	20	41	11	9	12	4
24195-G3/8	G 3/8-19	16,662	19	70	20	28	12	9	12	4

Thread machining allowance 0.1 mm

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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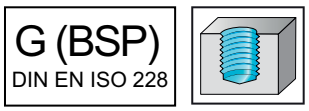
HSS-E PM machine taps

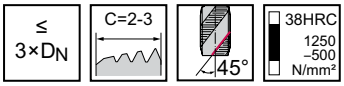
mm

Paradur® Eco Plus



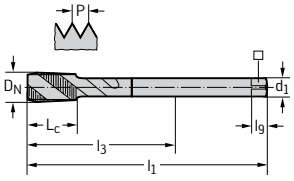
– For long-chipping materials





	P	M	K	N	S	H	O
THL	●●	●●	●●	●●			

DIN 5156



Parallel shank

Designation THL	D_N-P	D_N mm	Gear per inch	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
EP2456302-G1/8	G 1/8-28	9,728	28	90	12	67	7	5,5	8	3
EP2456302-G1/4	G 1/4-19	13,157	19	100	15	71	11	9	12	4
EP2456302-G3/8	G 3/8-19	16,662	19	100	15	58	12	9	12	4
EP2456302-G1/2	G 1/2-14	20,955	14	125	18	80	16	12	15	4
EP2456302-G5/8	G 5/8-14	22,911	14	125	18	78	18	14,5	17	4
EP2456302-G3/4	G 3/4-14	26,441	14	140	20	77	20	16	19	5
EP2456302-G1	G 1"-11	33,249	11	160	22	93	25	20	23	5

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

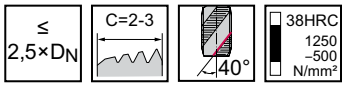
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HSS-E machine taps

TD117 Advance mm

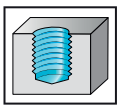
Thread·tec™ Omni





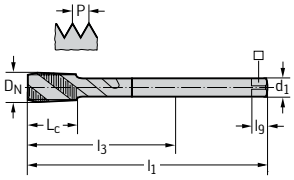
– Universal taps

G (BSP)
DIN EN ISO 228



	P	M	K	N	S	H	O
WY80AA	●●	●	●●	●			
WY80FC	●●	●●	●●	●●			
WY80RG	●	●●	●	●●			

DIN 5156



Parallel shank

Designation	D_N-P	D_N mm	P	l_1 mm	L_c mm	l_3 mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AA	WY80FC	WY80RG
★ TD117-G1/8-N0-	G 1/8-28	9,728	28	90	12	67	67	7	5,5	8	3	☹	☹	☹
★ TD117-G1/4-N0-	G 1/4-19	13,157	19	100	15	71	71	11	9	12	4	☹	☹	☹
★ TD117-G3/8-N0-	G 3/8-19	16,662	19	100	15	58	58	12	9	12	4	☹	☹	☹
★ TD117-G1/2-N0-	G 1/2-14	20,955	14	125	18	80	80	16	12	15	4	☹	☹	☹
★ TD117-G5/8-N0-	G 5/8-14	22,911	14	125	18	78	78	18	14,5	17	4		☹	
★ TD117-G3/4-N0-	G 3/4-14	26,441	14	140	20	77	77	20	16	19	5	☹	☹	
★ TD117-G7/8-N0-	G 7/8-14	30,201	14	150	20	85	85	22	18	21	5		☹	
★ TD117-G1-N0-	G 1"-11	33,249	11	160	22	93	93	25	20	23	5	☹	☹	

Ordering example for the grade WY80AA: TD117-G1-N0-WY80AA

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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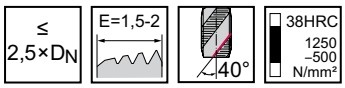
HSS-E machine taps

TD117 Advance mm

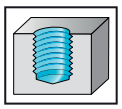
Thread·tec™ Omni



– Universal taps

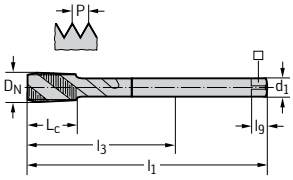


G (BSP)
DIN EN ISO 228



	P	M	K	N	S	H	O
WY80FC	●●	●●	●●	●●			
WY80RG	●	●●	●	●●			

DIN 5156



Parallel shank

Designation	D_N-P	D_N mm	P	l_1 mm	L_c mm	l_3 mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80FC	WY80RG
★ TD117-G1/8-NE-	G 1/8-28	9,728	28	90	12	67	67	7	5,5	8	3	☹	☹
★ TD117-G1/4-NE-	G 1/4-19	13,157	19	100	15	71	71	11	9	12	4	☹	☹
★ TD117-G3/8-NE-	G 3/8-19	16,662	19	100	15	58	58	12	9	12	4	☹	☹
★ TD117-G1/2-NE-	G 1/2-14	20,955	14	125	18	80	80	16	12	15	4	☹	☹

Ordering example for the grade WY80FC: TD117-G1/2-NE-WY80FC

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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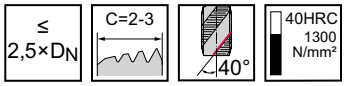
HSS-E machine taps

mm

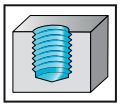
Paradur® Synchrospeed



– For long-chipping materials
– Only for synchronous machining (rigid tapping)

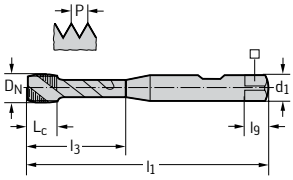


G (BSP)
DIN EN ISO 228



	P	M	K	N	S	H	O
THL	●●	●●	●●	●	●		●

~DIN 5156



Parallel shank

Designation THL	D_N-P	D_N mm	Gear per inch	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N
S2456302-G1/8	G 1/8-28	9,728	28	90	9,5	39	10	8	11	3
S2456302-G1/4	G 1/4-19	13,157	19	100	14	46	14	11	14	3
S2456302-G3/8	G 3/8-19	16,662	19	100	14	62,5	16	12	15	4
S2456302-G1/2	G 1/2-14	20,955	14	125	19	50	20	16	19	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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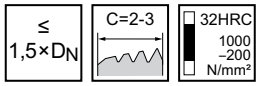
HSS-E machine taps

mm

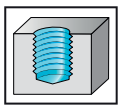
Paradur® H

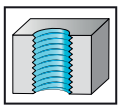


– For long- and short-chipping materials



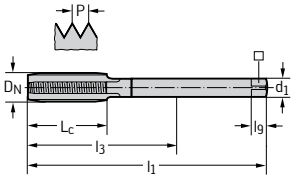
G (BSP)
DIN EN ISO 228





	P	M	K	N	S	H	O
uncoated			●	●●			●

DIN 5156



Parallel shank

Designation uncoated	D_N-P	D_N mm	Gear per inch	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
24361-G1/8	G 1/8-28	9,728	28	90	20	67	7	5,5	8	3
24361-G1/4	G 1/4-19	13,157	19	100	21	71	11	9	12	4
24361-G3/8	G 3/8-19	16,662	19	100	21	58	12	9	12	4
24361-G1/2	G 1/2-14	20,955	14	125	24	80	16	12	15	4
24361-G5/8	G 5/8-14	22,911	14	125	24	78	18	14,5	17	4
24361-G3/4	G 3/4-14	26,441	14	140	26	77	20	16	19	4
24361-G1	G 1"-11	33,249	11	160	28	93	25	20	23	4
24361-G1.1/4	G 1.1/4-11	41,91	11	170	28	72	32	24	27	4
24361-G1.1/2	G 1.1/2-11	47,803	11	190	30	87	36	29	32	6
24361-G2	G 2"-11	59,614	11	220	34	87	45	35	38	6
24361-G2.1/2	G 2.1/2-11	75,184	11	275	38	138	50	39	42	6

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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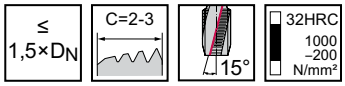
HSS-E machine taps

mm

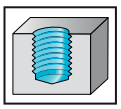
Paradur® N



– For long-chipping materials

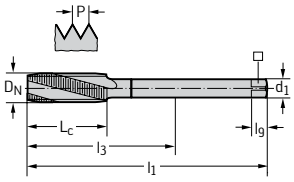


G (BSP)
DIN EN ISO 228



	P	M	K	N	S	H	O
uncoated	●●		●●	●●			

DIN 5156



Parallel shank

Designation uncoated	D_N-P	D_N mm	Gear per inch	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
24460-G1/8	G 1/8-28	9,728	28	90	20	67	7	5,5	8	3
24460-G1/4	G 1/4-19	13,157	19	100	21	71	11	9	12	4
24460-G3/8	G 3/8-19	16,662	19	100	21	58	12	9	12	4
24460-G1/2	G 1/2-14	20,955	14	125	24	80	16	12	15	4
24460-G3/4	G 3/4-14	26,441	14	140	26	77	20	16	19	4
24460-G1	G 1"-11	33,249	11	160	28	93	25	20	23	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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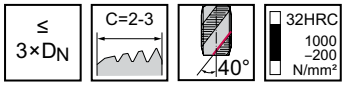
HSS-E machine taps

mm

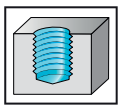
Paradur® X·pert P



– For long-chipping materials

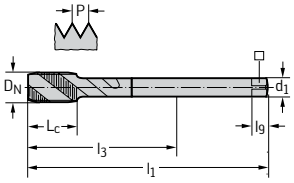


G (BSP)
DIN EN ISO 228



	P	M	K	N	S	H	O
TIN	●●			●			●
uncoated	●●			●			●

DIN 5156



Parallel shank

Designation TIN	Designation uncoated	D_N-P	D_N mm	Gear per inch	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
P2456905-G1/8	P24569-G1/8	G 1/8-28	9,728	28	90	12	67	7	5,5	8	3
P2456905-G1/4	P24569-G1/4	G 1/4-19	13,157	19	100	15	71	11	9	12	4
P2456905-G3/8	P24569-G3/8	G 3/8-19	16,662	19	100	15	58	12	9	12	4
P2456905-G1/2	P24569-G1/2	G 1/2-14	20,955	14	125	18	80	16	12	15	4
	P24569-G5/8	G 5/8-14	22,911	14	125	18	78	18	14,5	17	4
P2456905-G3/4	P24569-G3/4	G 3/4-14	26,441	14	140	20	77	20	16	19	5
	P24569-G7/8	G 7/8-14	30,201	14	150	20	85	22	18	21	5
P2456905-G1	P24569-G1	G 1"-11	33,249	11	160	22	93	25	20	23	5
	P24569-G1.1/8	G 1.1/8-11	37,897	11	170	22	101	28	22	25	5
	P24569-G1.1/4	G 1.1/4-11	41,91	11	170	22	72	32	24	27	6
	P24569-G1.1/2	G 1.1/2-11	47,803	11	190	24	87	36	29	32	6
	P24569-G1.3/4	G 1.3/4-11	53,746	11	190	26	60	40	32	35	6
	P24569-G2	G 2"-11	59,614	11	220	28	87	45	35	38	6

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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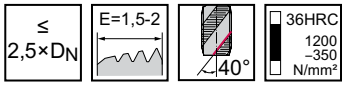
HSS-E machine taps

mm

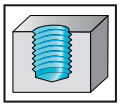
Paradur® STE



– For long-chipping materials



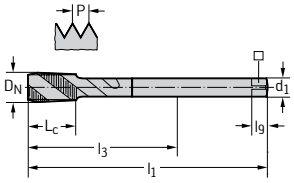
G (BSP)
DIN EN ISO 228



	P	M	K	N	S	H	O
THL	●	●	●	●			
uncoated	●	●	●	●			

DIN 5156

Designation THL	Designation uncoated	D_N-P	D_N mm	Gear per inch	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
2456062-G1/8	245606-G1/8	G 1/8-28	9,728	28	90	12	67	7	5,5	8	4
2456062-G1/4	245606-G1/4	G 1/4-19	13,157	19	100	15	71	11	9	12	5
2456062-G3/8	245606-G3/8	G 3/8-19	16,662	19	100	15	58	12	9	12	5
2456062-G1/2	245606-G1/2	G 1/2-14	20,955	14	125	18	80	16	12	15	5



Parallel shank

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

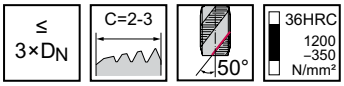
www.isotool.se
Tel. 044 - 24 55 70

HSS-E (-PM) machine taps

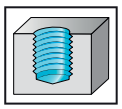
TC142 Supreme mm



– WY80FC: Best chip control
– WW60RB: Best wear resistance

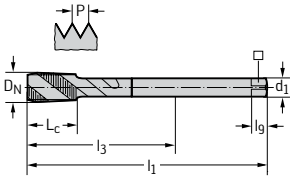


G (BSP)
DIN EN ISO 228



	P	M	K	N	S	H	O
WY80FC	●	●●					

DIN 5156



Parallel shank

Designation	D_N-P	D_N mm	Gear per inch	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80FC
TC142-G1/8-L0-	G 1/8-28	9,728	28	90	12	67	7	5,5	8	3	✖
TC142-G1/4-L0-	G 1/4-19	13,157	19	100	15	71	11	9	12	4	✖

Ordering example for the grade WY80FC: TC142-G1/4-L0-WY80FC

C1

WALTER SELECT

●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ✖ machining conditions

New addition to the product range = ☺ 😐 ✖ / ★

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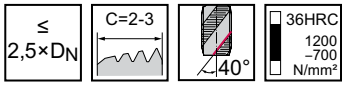
HSS-E machine taps

mm

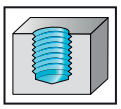
Paradur® X·pert M



– For long-chipping materials

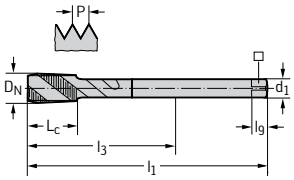


G (BSP)
DIN EN ISO 228



	P	M	K	N	S	H	O
TIN	●	●●					
VAP	●	●●					

DIN 5156



Parallel shank

Designation TIN	Designation VAP	D_N-P	D_N mm	Gear per inch	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
M2456305-G1/8	M24563-G1/8	G 1/8-28	9,728	28	90	12	67	7	5,5	8	3
M2456305-G1/4	M24563-G1/4	G 1/4-19	13,157	19	100	15	71	11	9	12	4
M2456305-G3/8	M24563-G3/8	G 3/8-19	16,662	19	100	15	58	12	9	12	4
M2456305-G1/2	M24563-G1/2	G 1/2-14	20,955	14	125	18	80	16	12	15	4
	M24563-G5/8	G 5/8-14	22,911	14	125	18	78	18	14,5	17	4
M2456305-G3/4	M24563-G3/4	G 3/4-14	26,441	14	140	20	77	20	16	19	5
	M24563-G7/8	G 7/8-14	30,201	14	150	20	85	22	18	21	5
M2456305-G1	M24563-G1	G 1"-11	33,249	11	160	22	93	25	20	23	5

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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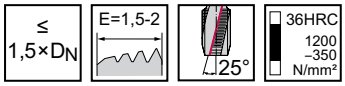
HSS-E machine taps

mm

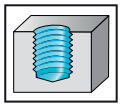
Paradur Inox® 25



– For long-chipping materials

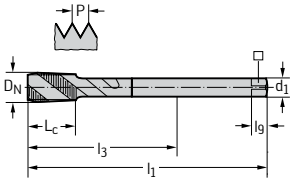


G (BSP)
DIN EN ISO 228



	P	M	K	N	S	H	O
TIN	●●	●●					

DIN 5156



Parallel shank

Designation TIN	D_N-P	D_N mm	Gear per inch	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
2456315-G1/4	G 1/4-19	13,157	19	100	18	71	11	9	12	5
2456315-G3/8	G 3/8-19	16,662	19	100	22	58	12	9	12	5
2456315-G1/2	G 1/2-14	20,955	14	125	25	80	16	12	15	6
2456315-G3/4	G 3/4-14	26,441	14	140	28	77	20	16	19	6

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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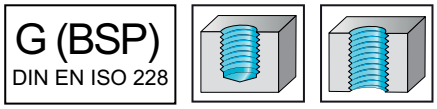
HSS-E PM machine taps

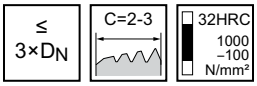
mm

Paradur® Eco CI



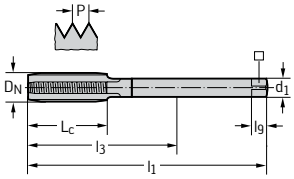
– For short-chipping materials
– Nitrided





	P	M	K	N	S	H	O
TICN			●●	●●			●●

DIN 5156



Parallel shank

Designation TICN	D_N-P	D_N mm	Gear per inch	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
E2436406-G1/8	G 1/8-28	9,728	28	90	20	67	7	5,5	8	4
E2436406-G1/4	G 1/4-19	13,157	19	100	21	71	11	9	12	4
E2436406-G3/8	G 3/8-19	16,662	19	100	21	58	12	9	12	5
E2436406-G1/2	G 1/2-14	20,955	14	125	24	80	16	12	15	5
E2436406-G3/4	G 3/4-14	26,441	14	140	26	77	20	16	19	6
E2436406-G1	G 1"-11	33,249	11	160	28	93	25	20	23	6
E2436406-G1.1/4	G 1.1/4-11	41,91	11	170	28	72	32	24	27	6
E2436406-G1.1/2	G 1.1/2-11	47,803	11	190	30	87	36	29	32	6

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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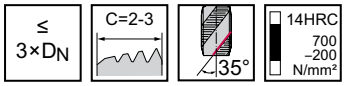
HSS-E machine taps

mm

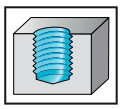
Paradur® X·pert N



– For long-chipping materials



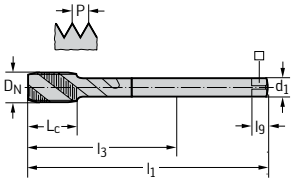
G (BSP)
DIN EN ISO 228



	P	M	K	N	S	H	O
uncoated				●●	●		●

DIN 5156

Designation uncoated	D_N-P	D_N mm	Gear per inch	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
N24566-G1/8	G 1/8-28	9,728	28	90	12	67	7	5,5	8	3



Parallel shank

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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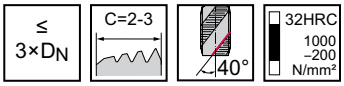
HSS-E machine taps

mm

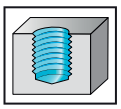
Paradur® Uni



– For long-chipping materials

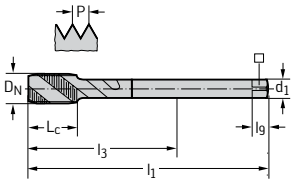


G (BSP)
DIN EN ISO 228



	P	M	K	N	S	H	O
uncoated	●●		●	●			

DIN 5156



Parallel shank

Designation uncoated	D_N-P	D_N mm	Gear per inch	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
7456770-G1/8	G 1/8-28	9,728	28	90	12	67	7	5,5	8	3
7456770-G1/4	G 1/4-19	13,157	19	100	15	71	11	9	12	4
7456770-G3/8	G 3/8-19	16,662	19	100	15	58	12	9	12	4
7456770-G1/2	G 1/2-14	20,955	14	125	18	80	16	12	15	4
7456770-G3/4	G 3/4-14	26,441	14	140	20	77	20	16	19	5
7456770-G1	G 1"-11	33,249	11	160	22	93	25	20	23	5

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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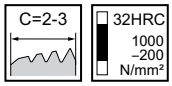
HSS-E machine taps

mm

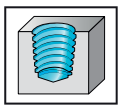
Paradur® H

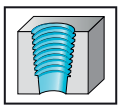


– For long- and short-chipping materials



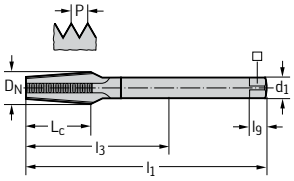
Rc
DIN EN 10226-2





	P	M	K	N	S	H	O
uncoated			●	●●			●

PWZ-NORM



Parallel shank

Designation uncoated	D_N-P	D_N mm	Gear per inch	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
24167-RC1/8	Rc 1/8-28	9,728	28	90	13	67	7	5,5	6	4
24167-RC1/4	Rc 1/4-19	13,157	19	100	20	71	11	9	9	4
24167-RC3/8	Rc 3/8-19	16,662	19	110	20	68	12	9	9	4
24167-RC1/2	Rc 1/2-14	20,955	14	125	26	80	16	12	12	5
24167-RC3/4	Rc 3/4-14	26,441	14	140	26	77	20	16	16	5
24167-RC1	Rc 1"-11	33,249	11	150	32	83	25	20	20	5
24167-RC1.1/4	Rc 1.1/4-11	41,91	11	160	32	62	32	24	24	6
24167-RC1.1/2	Rc 1.1/2-11	47,803	11	180	32	77	36	29	29	6

Taper ratio 1:16

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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Tel. 044 - 24 55 70

HSS-E machine taps

mm

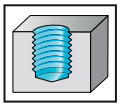
Paradur® H

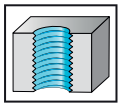


– For long- and short-chipping materials

≤ 1,5×D_N | C=2-3 | 32HRC | 1000 –200 N/mm²

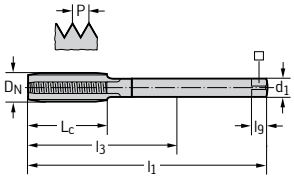
Rp
DIN EN 10226-1





	P	M	K	N	S	H	O
uncoated			●	●●			●

DIN 5156



Parallel shank

Designation uncoated	D_N-P	D_N mm	Gear per inch	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
243612-RP1/8	Rp 1/8-28	9,728	28	90	20	67	7	5,5	8	3
243612-RP1/4	Rp 1/4-19	13,157	19	100	21	71	11	9	12	4
243612-RP3/8	Rp 3/8-19	16,662	19	100	21	58	12	9	12	4
243612-RP1/2	Rp 1/2-14	20,955	14	125	24	80	16	12	15	4
243612-RP3/4	Rp 3/4-14	26,441	14	140	26	77	20	16	19	4
243612-RP1	Rp 1"-11	33,249	11	160	28	93	25	20	23	4
243612-RP1.1/2	Rp 1.1/2-11	47,803	11	190	30	87	36	29	32	6

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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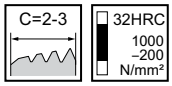
HSS-E machine taps

mm

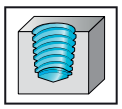
Paradur® H

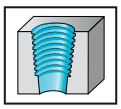


– For long- and short-chipping materials



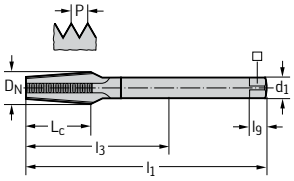
NPT
ASME B1.20.1





	P	M	K	N	S	H	O
uncoated			●	●●			●

PWZ-NORM



Parallel shank

Designation uncoated	D_N-P	D_N mm	Gear per inch	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
25167-NPT1/16	NPT 1/16-27	7,717	27	80	14	56	8	6,2	6	3
25167-NPT1/8	NPT 1/8-27	10,065	27	90	14	61	11	9	9	3
25167-NPT1/4	NPT 1/4-18	13,372	18	100	20	56	14	11	11	3
25167-NPT3/8	NPT 3/8-18	16,812	18	110	20	65	16	12	12	4
25167-NPT1/2	NPT 1/2-14	20,947	14	125	26	78	18	14,5	15	4
25167-NPT3/4	NPT 3/4-14	26,292	14	140	26	75	22	18	18	5
25167-NPT1	NPT 1"-11.5	32,914	11,5	150	31	81	28	22	22	5
25167-NPT1.1/4	NPT 1.1/4-11.5	41,67	11,5	160	31	62	32	24	24	5
25167-NPT1.1/2	NPT 1.1/2-11.5	47,74	11,5	160	31	57	36	29	29	6
25167-NPT2	NPT 2"-11.5	59,778	11,5	180	31	47	45	35	35	7

Taper ratio 1:16

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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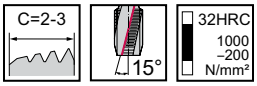
HSS-E machine taps

mm

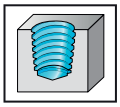
Paradur® N

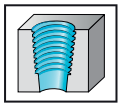


– For long-chipping materials



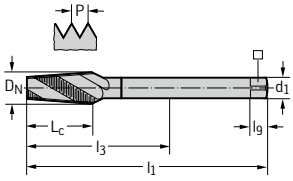
NPT
ASME B1.20.1





	P	M	K	N	S	H	O
VAP	●●		●●	●●			

PWZ-NORM



Parallel shank

Designation VAP	D_N-P	D_N mm	Gear per inch	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
25460-NPT1/16	NPT 1/16-27	7,717	27	80	14	56	8	6,2	6	3
25460-NPT1/8	NPT 1/8-27	10,065	27	90	14	61	11	9	9	3
25460-NPT1/4	NPT 1/4-18	13,372	18	100	20	56	14	11	11	3
25460-NPT3/8	NPT 3/8-18	16,812	18	110	20	65	16	12	12	4
25460-NPT1/2	NPT 1/2-14	20,947	14	125	26	78	18	14,5	15	4
25460-NPT3/4	NPT 3/4-14	26,292	14	140	26	75	22	18	18	5
25460-NPT1	NPT 1"-11.5	32,914	11,5	150	31	81	28	22	22	5

Taper ratio 1:16

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

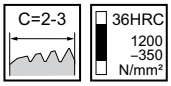
www.isotool.se
Tel. 044 - 24 55 70

HSS-E machine taps

mm

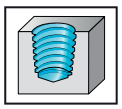
Paradur Inox®

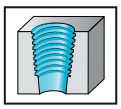




– For long-chipping materials

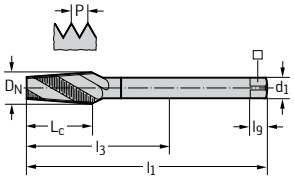
NPT
ASME B1.20.1





	P	M	K	N	S	H	O
THL	●●	●●	●				
VAP	●●	●●	●				

PWZ-NORM



Parallel shank

Designation THL	Designation VAP	D_N-P	D_N mm	Gear per inch	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
	25567-NPT1/16	NPT 1/16-27	7,717	27	80	14	8	6,2	6	3	
2556702-NPT1/8	25567-NPT1/8	NPT 1/8-27	10,065	27	90	14	11	9	9	4	
2556702-NPT1/4	25567-NPT1/4	NPT 1/4-18	13,372	18	100	20	14	11	11	4	
2556702-NPT3/8	25567-NPT3/8	NPT 3/8-18	16,812	18	110	20	16	12	12	5	
2556702-NPT1/2	25567-NPT1/2	NPT 1/2-14	20,947	14	125	26	18	14,5	15	5	
	25567-NPT3/4	NPT 3/4-14	26,292	14	140	26	22	18	18	5	
	25567-NPT1	NPT 1"-11.5	32,914	11,5	150	31	28	22	22	5	

Taper ratio 1:16

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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HSS-E machine taps

mm

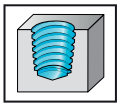
Paradur Inox® 40

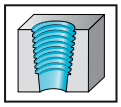


– For long-chipping materials



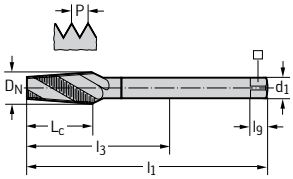
NPT
ASME B1.20.1





	P	M	K	N	S	H	O
uncoated	●●	●●	●	●			

PWZ-NORM



Parallel shank

Designation uncoated	D_N-P	D_N mm	Gear per inch	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
255630-NPT1/8	NPT 1/8-27	10,065	27	90	14	61	11	9	9	3
255630-NPT1/4	NPT 1/4-18	13,372	18	100	20	56	14	11	11	3
255630-NPT3/8	NPT 3/8-18	16,812	18	110	20	65	16	12	12	4
255630-NPT1/2	NPT 1/2-14	20,947	14	125	26	78	18	14,5	15	4

Taper ratio 1:16

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E machine taps

mm

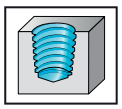
Paradur® Ni

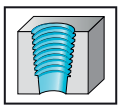




– For long-chipping materials

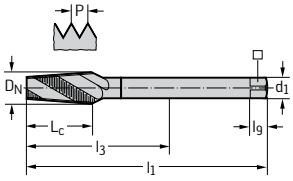
NPT
ASME B1.20.1





	P	M	K	N	S	H	O
TICN	●				●●		
uncoated	●				●●		

PWZ-NORM



Parallel shank

Designation TICN	Designation uncoated	D_N-P	D_N mm	Gear per inch	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
2546706-NPT1/16	25467-NPT1/16	NPT 1/16-27	7,717	27	80	14	56	8	6,2	6	3
2546706-NPT1/8	25467-NPT1/8	NPT 1/8-27	10,065	27	90	14	61	11	9	9	4
2546706-NPT1/4	25467-NPT1/4	NPT 1/4-18	13,372	18	100	20	56	14	11	11	4
2546706-NPT3/8	25467-NPT3/8	NPT 3/8-18	16,812	18	110	20	65	16	12	12	5
2546706-NPT1/2	25467-NPT1/2	NPT 1/2-14	20,947	14	125	26	78	18	14,5	15	5
2546706-NPT3/4	25467-NPT3/4	NPT 3/4-14	26,292	14	140	26	75	22	18	18	5
2546706-NPT1	25467-NPT1	NPT 1"-11.5	32,914	11,5	150	31	81	28	22	22	5

Taper ratio 1:16

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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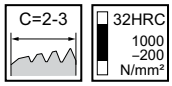
HSS-E machine taps

mm

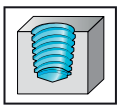
Paradur® H

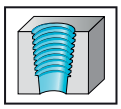


– For long- and short-chipping materials



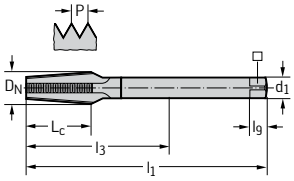
NPTF
ASME B1.20.3





	P	M	K	N	S	H	O
uncoated			●	●●			●

PWZ-NORM



Parallel shank

Designation uncoated	D_N-P	D_N mm	Gear per inch	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
26167-NPTF1/16	NPTF 1/16-27	7,635	27	80	14	56	8	6,2	6	3
26167-NPTF1/8	NPTF 1/8-27	9,982	27	90	14	61	11	9	9	3
26167-NPTF1/4	NPTF 1/4-18	13,313	18	100	20	56	14	11	11	3
26167-NPTF3/8	NPTF 3/8-18	16,752	18	110	20	65	16	12	12	4
26167-NPTF1/2	NPTF 1/2-14	20,921	14	125	26	78	18	14,5	15	4
26167-NPTF3/4	NPTF 3/4-14	26,267	14	140	26	75	22	18	18	5
26167-NPTF1	NPTF 1"-11.5	32,839	11,5	150	31	81	28	22	22	5

Taper ratio 1:16

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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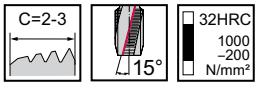
HSS-E machine taps

mm

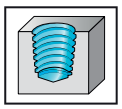
Paradur® N

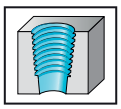


– For long-chipping materials



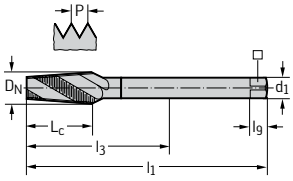
NPTF
ASME B1.20.3





	P	M	K	N	S	H	O
VAP	●●		●●	●●			

PWZ-NORM



Parallel shank

Designation VAP	D_N-P	D_N mm	Gear per inch	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
26460-NPTF1/16	NPTF 1/16-27	7,635	27	80	14	56	8	6,2	6	3
26460-NPTF1/8	NPTF 1/8-27	9,982	27	90	14	61	11	9	9	3
26460-NPTF1/4	NPTF 1/4-18	13,313	18	100	20	56	14	11	11	3
26460-NPTF3/8	NPTF 3/8-18	16,752	18	110	20	65	16	12	12	4
26460-NPTF1/2	NPTF 1/2-14	20,921	14	125	26	78	18	14,5	15	4
26460-NPTF3/4	NPTF 3/4-14	26,267	14	140	26	75	22	18	18	5

Taper ratio 1:16

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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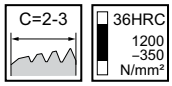
HSS-E machine taps

mm

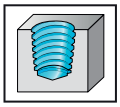
Paradur Inox®

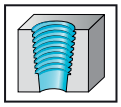


– For long-chipping materials



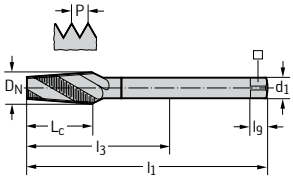
NPTF
ASME B1.20.3





	P	M	K	N	S	H	O
VAP	●●	●●	●				

PWZ-NORM



Parallel shank

Designation VAP	D_N-P	D_N mm	Gear per inch	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
26567-NPTF1/16	NPTF 1/16-27	7,635	27	80	14	56	8	6,2	6	3
26567-NPTF1/8	NPTF 1/8-27	9,982	27	90	14	61	11	9	9	4
26567-NPTF1/4	NPTF 1/4-18	13,313	18	100	20	56	14	11	11	4
26567-NPTF1/2	NPTF 1/2-14	20,921	14	125	26	78	18	14,5	15	5

Taper ratio 1:16

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E taps, short

mm

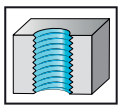
KMB H



– For long-chipping materials

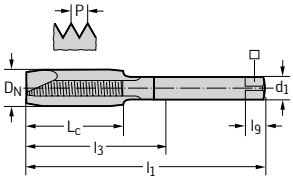
≤ 3×D_N	B=3,5-5	S l_1	32HRC 1000 –200 N/mm²

Pg
DIN 40430



	P	M	K	N	S	H	O
uncoated	●●		●●	●●			●

DIN 40432



Parallel shank

Designation uncoated	D_N-P	D_N mm	Gear per inch	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
27160-PG7	Pg 7-20	12,5	20	70	20	43	9	7	10	4
27160-PG9	Pg 9-18	15,2	18	70	20	28	12	9	12	4
27160-PG11	Pg 11-18	18,6	18	80	22	36	14	11	14	4
27160-PG13.5	Pg 13.5-18	20,4	18	80	22	35	16	12	15	4
27160-PG16	Pg 16-18	22,5	18	80	22	33	18	14,5	17	4
27160-PG21	Pg 21-16	28,3	16	90	22	25	22	18	21	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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HSS-E machine taps

TD217 Advance mm

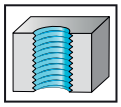
Thread·tec™ Omni



– Universal taps

BSW
BS 84

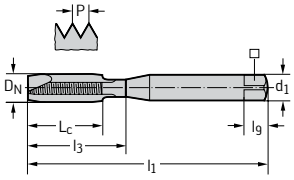
mc



≤ 3×D_N | B=3,5-5 | 38HRC 1250 –350 N/mm²

	P	M	K	N	S	H	O
WY80FC	●●	●●	●●	●●			

DIN 2184-1

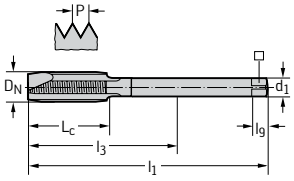


Parallel shank

Designation	D_N-P	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80FC
★ TD217-BSW1/8-C0-	BSW 1/8-40		56	10	18	3,5	2,7	6	2	
★ TD217-BSW3/16-C0-	BSW 3/16-24		70	13	25	6	4,9	8	3	
★ TD217-BSW1/4-C0-	BSW 1/4-20		80	15	30	7	5,5	8	3	
★ TD217-BSW5/16-C0-	BSW 5/16-18		90	18	35	8	6,2	9	3	
★ TD217-BSW3/8-C0-	BSW 3/8-16		100	20	39	10	8	11	3	

Ordering example for the grade WY80FC: TD217-BSW1/4-C0-WY80FC

DIN 2184-1



Parallel shank

Designation	D_N-P	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80FC
★ TD217-BSW7/16-L0-	BSW 7/16-14		100	20	76	8	6,2	9	3	
★ TD217-BSW1/2-L0-	BSW 1/2-12		110	23	83	9	7	10	4	
★ TD217-BSW5/8-L0-	BSW 5/8-11		110	25	68	12	9	12	4	
★ TD217-BSW3/4-L0-	BSW 3/4-10		125	30	81	14	11	14	4	
★ TD217-BSW7/8-L0-	BSW 7/8-9		140	30	93	18	14,5	17	4	
★ TD217-BSW1-L0-	BSW 1"-8		160	36	113	18	14,5	17	4	

Ordering example for the grade WY80FC: TD217-BSW1-L0-WY80FC

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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Tel. 044 - 24 55 70

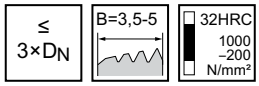
HSS-E machine taps

mm

Prototex® X-pert P

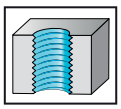


– For long-chipping materials



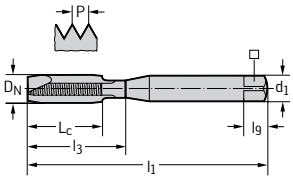
BSW
BS 84

mc



	P	M	K	N	S	H	O
uncoated	●●			●			●

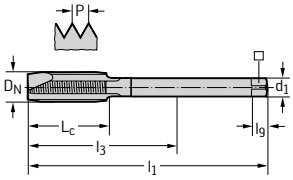
DIN 2184-1



Parallel shank

Designation uncoated	D_N-P	D_N mm	Gear per inch	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
P28210-BSW1/8	BSW 1/8-40	3,175	40	56	10	18	3,5	2,7	6	2
P28210-BSW3/16	BSW 3/16-24	4,763	24	70	13	25	6	4,9	8	2
P28210-BSW1/4	BSW 1/4-20	6,35	20	80	15	30	7	5,5	8	3
P28210-BSW5/16	BSW 5/16-18	7,938	18	90	18	35	8	6,2	9	3
P28210-BSW3/8	BSW 3/8-16	9,525	16	100	20	39	10	8	11	3

DIN 2184-1



Parallel shank

Designation uncoated	D_N-P	D_N mm	Gear per inch	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
P28360-BSW7/16	BSW 7/16-14	11,113	14	100	20	76	8	6,2	9	3
P28360-BSW1/2	BSW 1/2-12	12,7	12	110	23	83	9	7	10	3
P28360-BSW5/8	BSW 5/8-11	15,875	11	110	25	68	12	9	12	3
P28360-BSW3/4	BSW 3/4-10	19,05	10	125	30	81	14	11	14	4
P28360-BSW7/8	BSW 7/8-9	22,225	9	140	30	93	18	14,5	17	4
P28360-BSW1	BSW 1"-8	25,4	8	160	36	113	18	14,5	17	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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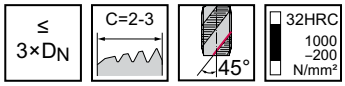
HSS-E machine taps

mm

Paradur® X·pert P

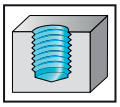


– For long-chipping materials



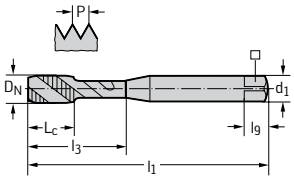
BSW
BS 84

mc



	P	M	K	N	S	H	O
uncoated	●●			●			●

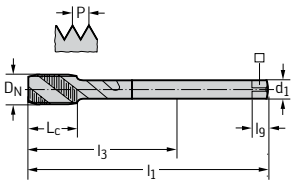
DIN 2184-1



Parallel shank

Designation uncoated	D_N-P	D_N mm	Gear per inch	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
P28519-BSW1/8	BSW 1/8-40	3,175	40	56	6	18	3,5	2,7	6	3
P28519-BSW3/16	BSW 3/16-24	4,763	24	70	8	25	6	4,9	8	3
P28519-BSW1/4	BSW 1/4-20	6,35	20	80	10	30	7	5,5	8	3
P28519-BSW5/16	BSW 5/16-18	7,938	18	90	12	35	8	6,2	9	3
P28519-BSW3/8	BSW 3/8-16	9,525	16	100	15	39	10	8	11	3

DIN 2184-1



Parallel shank

Designation uncoated	D_N-P	D_N mm	Gear per inch	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
P28569-BSW7/16	BSW 7/16-14	11,113	14	100	15	76	8	6,2	9	3
P28569-BSW1/2	BSW 1/2-12	12,7	12	110	18	83	9	7	10	3
P28569-BSW5/8	BSW 5/8-11	15,875	11	110	20	68	12	9	12	4
P28569-BSW3/4	BSW 3/4-10	19,05	10	125	25	81	14	11	14	4
P28569-BSW7/8	BSW 7/8-9	22,225	9	140	25	93	18	14,5	17	4
P28569-BSW1	BSW 1"-8	25,4	8	160	30	113	18	14,5	17	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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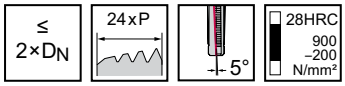
HSS-E trapezoidal taps

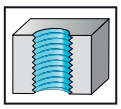
mm

TMB



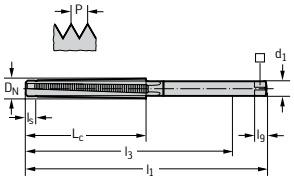
– Left-hand helix
– For long- and short-chipping materials



Tr DIN 103	7H	

	P	M	K	N	S	H	O
uncoated	●●		●●	●●			●

PWZ-NORM



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
29100-TR8X1.5	Tr 8x1.5	1,5	90	45	67	6	4,9	8	3
29100-TR10X2	Tr 10x2	2	135	60	112	7	5,5	8	3
29100-TR10X3	Tr 10x3	3	145	90	122	7	5,5	8	3
29100-TR12X3	Tr 12x3	3	175	90	151	8	6,2	9	3
29100-TR14X4	Tr 14x4	4	215	120	187	10	8	11	3
29100-TR16X4	Tr 16x4	4	220	120	191	11	9	12	3
29100-TR20X4	Tr 20x4	4	230	120	186	14	11	14	3

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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Tel. 044 - 24 55 70

HSS-E trapezoidal taps

mm

TMB

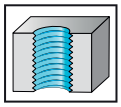


– Right-hand helix
– For long- and short-chipping materials



Tr
DIN 103

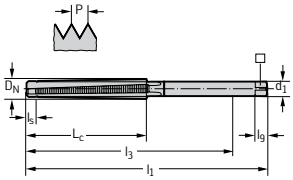
7H



	P	M	K	N	S	H	O
uncoated	●●		●●	●●			●

PWZ-NORM

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
29900-TR12X3	Tr 12x3	3	175	90	151	8	6,2	9	3
29900-TR16X4	Tr 16x4	4	220	120	191	11	9	12	3



Parallel shank

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E machine taps

TD217 Advance mm

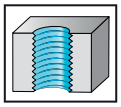
Thread·tec™ Omni



– Universal taps

EgM
DIN 8140

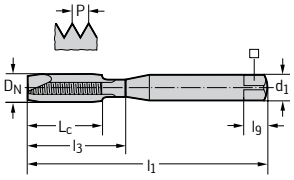
6H mod



≤ 3×D_N | B=3,5-5 | 38HRC 1250 –350 N/mm²

	P	M	K	N	S	H	O
WY80FC	●●	●●	●●	●●			

DIN 40435

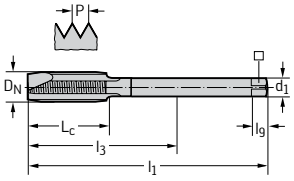


Parallel shank

Designation	D_N-P	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80FC
★ TD217-EGM2.5-C0-	EGM 2.5	0,45	56	9	18	3,5	2,7	6	2	☹
★ TD217-EGM3-C0-	EGM 3	0,5	63	12	21	4,5	3,4	6	2	☹
★ TD217-EGM4-C0-	EGM 4	0,7	70	13	25	6	4,9	8	3	☹
★ TD217-EGM5-C0-	EGM 5	0,8	80	15	30	6	4,9	8	3	☹
★ TD217-EGM6-C0-	EGM 6	1	90	18	35	8	6,2	9	3	☹
★ TD217-EGM8-C0-	EGM 8	1,25	100	20	39	10	8	11	3	☹

Ordering example for the grade WY80FC: TD217-EGM2.5-C0-WY80FC

DIN 40435



Parallel shank

Designation	D_N-P	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80FC
★ TD217-EGM10-L0-	EGM 10	1,5	110	23	83	9	7	10	3	☹
★ TD217-EGM12-L0-	EGM 12	1,75	110	25	81	11	9	12	4	☹
★ TD217-EGM16-L0-	EGM 16	2	125	30	81	14	11	14	4	☹

Ordering example for the grade WY80FC: TD217-EGM10-L0-WY80FC

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

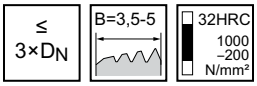
HSS-E machine taps

mm

Prototex® X-pert P

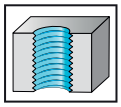


– For long-chipping materials



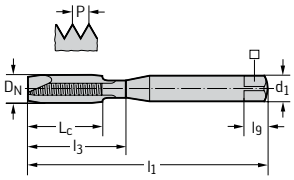
EgM
DIN 8140

6H mod



	P	M	K	N	S	H	O
uncoated	●●			●			●

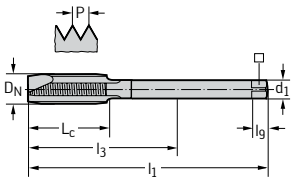
DIN 40435



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
P203009-EGM2.5	EGM 2.5	0,45	56	9	18	3,5	2,7	6	3
P203009-EGM3	EGM 3	0,5	63	12	21	4,5	3,4	6	3
P203009-EGM4	EGM 4	0,7	70	13	25	6	4,9	8	3
P203009-EGM5	EGM 5	0,8	80	15	30	6	4,9	8	3
P203009-EGM6	EGM 6	1	90	18	35	8	6,2	9	3
P203009-EGM8	EGM 8	1,25	100	20	39	10	8	11	3

DIN 40435



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
P203509-EGM10	EGM 10	1,5	100	21	73	9	7	10	3
P203509-EGM12	EGM 12	1,75	110	25	81	11	9	12	3
P203509-EGM16	EGM 16	2	125	30	81	14	11	14	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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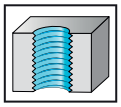
HSS-E machine taps

mm

Prototex® X-pert M



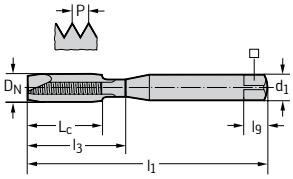
– For long-chipping materials

EgM DIN 8140	6H mod	

≤ 3×D_N	B=3,5-5	36HRC 1200 –700 N/mm²

	P	M	K	N	S	H	O
VAP	●	●●					

DIN 40435



Parallel shank

Designation VAP	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
M203009-EGM2.5	EGM 2.5	0,45	56	9	18	3,5	2,7	6	2
M203009-EGM3	EGM 3	0,5	63	12	21	4,5	3,4	6	2
M203009-EGM4	EGM 4	0,7	70	13	25	6	4,9	8	3
M203009-EGM5	EGM 5	0,8	80	15	30	6	4,9	8	3
M203009-EGM6	EGM 6	1	90	18	35	8	6,2	9	3
M203009-EGM8	EGM 8	1,25	100	20	39	10	8	11	3

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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HSS-E PM machine taps

mm

Prototex® TiNi

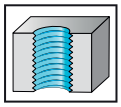


– Recommended with oil
– For long-chipping materials

≤ 2×D_N | B=3,5-5 | 44HRC 1400 –700 N/mm²

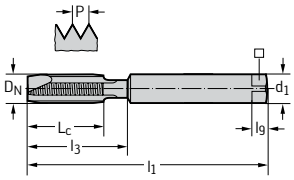
EgM
LN 9499

ISO1/4H



	P	M	K	N	S	H	O
uncoated	●●	●●		●	●●		

~DIN 40435



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
20207-EGM4	EGM 4	0,7	70	16	16	6	4,9	8	3
20207-EGM5	EGM 5	0,8	80	15	23	6	4,9	8	3
20207-EGM6	EGM 6	1	90	18	29	8	6,2	9	3
20207-EGM8	EGM 8	1,25	100	20	33	10	8	11	3

EGM 4: Without reduced neck after the thread

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

www.isotool.se
Tel. 044 - 24 55 70

HSS-E machine taps

mm

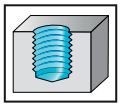
Paradur® X·pert P



– For long-chipping materials

EgM
DIN 8140

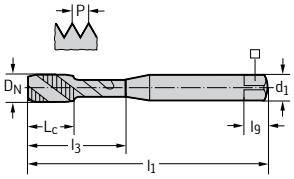
6H mod



≤ 3×D_N | C=2-3 | 45° | 32HRC | 1000 –200 N/mm²

	P	M	K	N	S	H	O
uncoated	●●			●			●

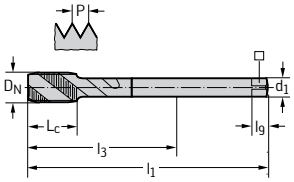
DIN 40435



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
P205099-EGM2.5	EGM 2.5	0,45	56	6	18	3,5	2,7	6	3
P205099-EGM3	EGM 3	0,5	63	7	21	4,5	3,4	6	3
P205099-EGM4	EGM 4	0,7	70	8	25	6	4,9	8	3
P205099-EGM5	EGM 5	0,8	80	10	30	6	4,9	8	3
P205099-EGM6	EGM 6	1	90	12	35	8	6,2	9	3
P205099-EGM8	EGM 8	1,25	100	15	39	10	8	11	3

DIN 40435



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
P205599-EGM10	EGM 10	1,5	100	13	73	9	7	10	4
P205599-EGM12	EGM 12	1,75	110	20	81	11	9	12	4
P205599-EGM14	EGM 14	2	110	20	68	12	9	12	4
P205599-EGM16	EGM 16	2	125	25	81	14	11	14	4
P205599-EGM20	EGM 20	2,5	160	25	113	18	14,5	17	4
P205599-EGM24	EGM 24	3	160	30	97	20	16	19	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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HSS-E machine taps

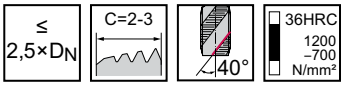
mm

Paradur® X·pert M



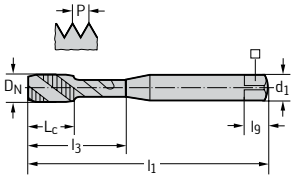
– For long-chipping materials

EgM DIN 8140	6H mod	



	P	M	K	N	S	H	O
VAP	●	●●					

DIN 40435



Parallel shank

Designation VAP	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
M205049-EGM2.5	EGM 2.5	0,45	56	6	18	3,5	2,7	6	3
M205049-EGM3	EGM 3	0,5	63	7	21	4,5	3,4	6	3
M205049-EGM4	EGM 4	0,7	70	8	25	6	4,9	8	3
M205049-EGM5	EGM 5	0,8	80	10	30	6	4,9	8	3
M205049-EGM6	EGM 6	1	90	12	35	8	6,2	9	3
M205049-EGM8	EGM 8	1,25	100	15	39	10	8	11	3

DIN 40435

Parallel shank

Designation VAP	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
M205549-EGM14	EGM 14	2	110	20	68	12	9	12	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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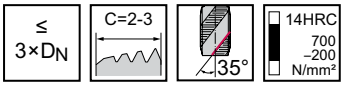
HSS-E machine taps

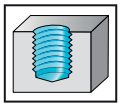
mm

Paradur® X·pert N



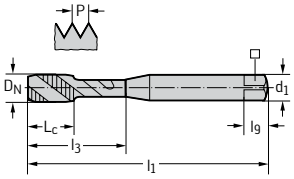
– For long-chipping materials



EgM DIN 8140	6H mod	

	P	M	K	N	S	H	O
uncoated				●●	●		●

DIN 40435

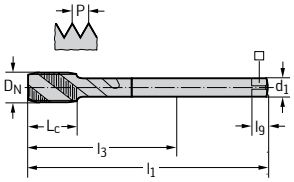


Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
N205069-EGM2.5	EGM 2.5	0,45	56	6	18	3,5	2,7	6	2
N205069-EGM3	EGM 3	0,5	63	7	21	4,5	3,4	6	2
N205069-EGM4	EGM 4	0,7	70	8	25	6	4,9	8	2
N205069-EGM5	EGM 5	0,8	80	10	30	6	4,9	8	3
N205069-EGM6	EGM 6	1	90	12	35	8	6,2	9	3
N205069-EGM8	EGM 8	1,25	100	15	39	10	8	11	3

C1

DIN 40435



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
N205569-EGM10	EGM 10	1,5	100	13	73	9	7	10	3
N205569-EGM12	EGM 12	1,75	110	20	81	11	9	12	3
N205569-EGM16	EGM 16	2	125	25	81	14	11	14	4

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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Tel. 044 - 24 55 70

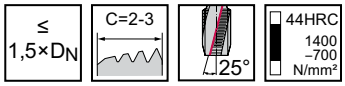
HSS-E PM machine taps

mm

Paradur® Ni

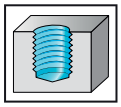


– For long-chipping materials



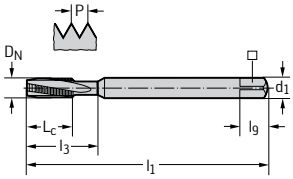
EgM
LN 9499

ISO1/4H



	P	M	K	N	S	H	O
uncoated	●●		●●	●	●		

~DIN 40435



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
204089-EGM4	EGM 4	0,7	70	16	16	6	4,9	8	3
204089-EGM5	EGM 5	0,8	80	15	23	6	4,9	8	3
204089-EGM6	EGM 6	1	90	18	29	8	6,2	9	3
204089-EGM8	EGM 8	1,25	100	20	33,5	10	8	11	4

EGM 4: Without reduced neck after the thread

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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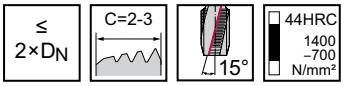
HSS-E PM machine taps

mm

Paradur® Ti

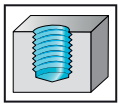


– Recommended with oil
– For long-chipping materials



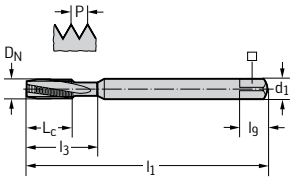
EgM
LN 9499

ISO1/4H



	P	M	K	N	S	H	O
uncoated	●●			●	●●		

~DIN 40435



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_g mm	N
204069-EGM4	EGM 4	0,7	70	16	16	6	4,9	8	3
204069-EGM5	EGM 5	0,8	80	15	23	6	4,9	8	3
204069-EGM6	EGM 6	1	90	18	29	8	6,2	9	3
204069-EGM8	EGM 8	1,25	100	20	33,5	10	8	11	3

EGM 4: Without reduced neck after the thread

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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Tel. 044 - 24 55 70

HSS-E machine taps

mm

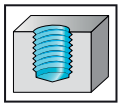
Paradur® X·pert P



– For long-chipping materials

EgMF
DIN 8140

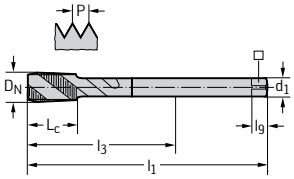
6H mod



≤ 3×D_N | C=2-3 | 45° | 32HRC | 1000 –200 N/mm²

	P	M	K	N	S	H	O
uncoated	●●			●			●

DIN 40435



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
P215599-EGM8X1	EGMF 8x1	1	90	12	67	7	5,5	8	3
P215599-EGM10X1	EGMF 10x1	1	100	13	73	9	7	10	3
P215599-EGM12X1.5	EGMF 12x1.5	1,5	100	15	71	11	9	12	4
P215599-EGM14X1.5	EGMF 14x1.5	1,5	100	15	58	12	9	12	4
P215599-EGM16X1.5	EGMF 16x1.5	1,5	110	17	66	14	11	14	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E machine taps

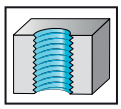
TD217 Advance inch

Thread·tec™ Omni



– Universal taps

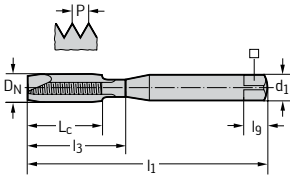
DIN ANSI | STI-UNC NASM 33537 | 3B



≤ 3×D_N | B=3,5-5 | 38HRC 1250 –350 N/mm²

	P	M	K	N	S	H	O
WY80FC	●●	●●	●●	●●			

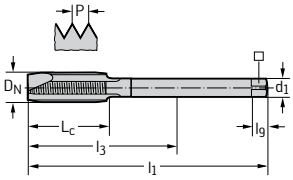
DIN-ANSI



Designation	D_N-P	D_N inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80FC
★ TD217.STIUNC2-B0-	EGUNC #2-56	0,109	2,205	0,354	0,709	0,141	0,110	0,19	2	☹
★ TD217.STIUNC4-B0-	EGUNC #4-40	0,144	2,205	0,472	0,827	0,141	0,110	0,19	2	☹
★ TD217.STIUNC6-B0-	EGUNC #6-32	0,179	2,756	0,512	0,984	0,194	0,152	0,250	3	☹
★ TD217.STIUNC8-B0-	EGUNC #8-32	0,205	2,756	0,591	0,984	0,194	0,152	0,250	3	☹
★ TD217.STIUNC10-B0-	EGUNC #10-24	0,244	3,150	0,591	1,181	0,255	0,191	0,313	3	☹
★ TD217.STIUNC1/4B0-	EGUNC 1/4-20	0,315	3,543	0,709	1,378	0,318	0,238	0,380	3	☹

Ordering example for the grade WY80FC: TD217.STIUNC1/4B0-WY80FC

DIN-ANSI



Designation	D_N-P	D_N inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80FC
★ TD217.STIUNC3/8K0-	EGUNC 3/8-16	0,456	3,937	0,827	2,831	0,367	0,275	0,437	4	☹

Ordering example for the grade WY80FC: TD217.STIUNC3/8K0-WY80FC

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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HSS-E machine taps

TD217 Advance mm

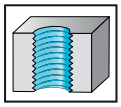
Thread·tec™ Omni



– Universal taps

EgUNC
NASM 33537

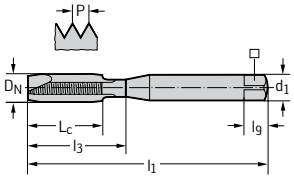
3B



≤ 3×D_N | B=3,5-5 | 38HRC 1250 –350 N/mm²

	P	M	K	N	S	H	O
WY80FC	●●	●●	●●	●●			

DIN 2184-1



Parallel shank

Designation	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80FC
★ TD217-EGUNC6-B0-	EGUNC #6-32	4,536	70	13	25	6	4,9	8	3	
★ TD217-EGUNC8-B0-	EGUNC #8-32	5,197	80	15	30	6	4,9	8	3	
★ TD217-EGUNC10-B0-	EGUNC #10-24	6,201	80	15	30	7	5,5	8	3	
★ TD217-EGUNC1/4-B0-	EGUNC 1/4-20	8	90	18	35	8	6,2	9	3	

Ordering example for the grade WY80FC: TD217-EGUNC1/4-B0-WY80FC

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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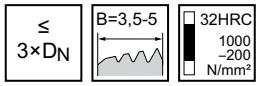
HSS-E machine taps

mm

Prototex® X-pert P

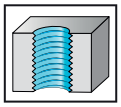


– For long-chipping materials



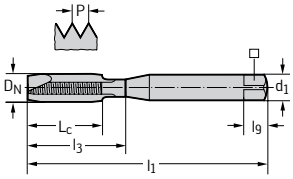
EgUNC
NASM 33537

3B



	P	M	K	N	S	H	O
uncoated	●●			●			●

DIN 2184-1



Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_g mm	N
P223009-EGUNC6	EGUNC #6-32	4,536	70	13	25	6	4,9	8	3
P223009-EGUNC8	EGUNC #8-32	5,197	80	15	30	6	4,9	8	3
P223009-EGUNC10	EGUNC #10-24	6,201	80	15	30	7	5,5	8	3
P223009-EGUNC1/4	EGUNC 1/4-20	8	90	18	35	8	6,2	9	3

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

www.isotool.se
Tel. 044 - 24 55 70

HSS-E PM machine taps

mm

Prototex® TiNi

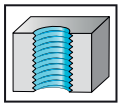


– Recommended with oil
– For long-chipping materials

≤ 2×D_N | B=3,5-5 | 44HRC 1400 –700 N/mm²

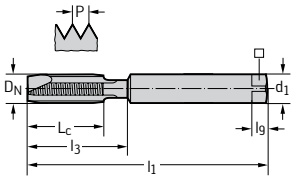
EgUNC
NASM 33537

3B



	P	M	K	N	S	H	O
uncoated	●●	●●		●	●●		

DIN 2184-1



Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
222079-EGUNC4	EGUNC #4-40	3,67	63	13	13	4,5	3,4	6	3
222079-EGUNC6	EGUNC #6-32	4,536	70	16	16	6	4,9	8	3
222079-EGUNC8	EGUNC #8-32	5,197	80	15	23	6	4,9	8	3

≤ EGUNC 6: Without reduced neck after the thread

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

www.isotool.se
Tel. 044 - 24 55 70

HSS-E machine taps

TD117 Advance mm

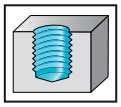
Thread·tec™ Omni



– Universal taps

EgM
DIN 8140

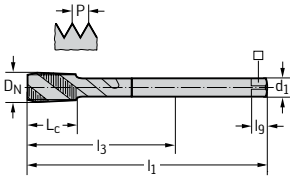
6H mod



≤ 2,5×D_N | C=2-3 | 40° | 38HRC 1250 –500 N/mm²

	P	M	K	N	S	H	O
WY80FC	●●	●●	●●	●●			

DIN 40435



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80FC
TD117-EGM10-L0-	EGM 10	1,5	100	13	73	9	7	10	4	●●
TD117-EGM12-L0-	EGM 12	1,75	110	20	81	11	9	12	4	●●
TD117-EGM16-L0-	EGM 16	2	125	25	81	14	11	14	4	●●

Ordering example for the grade WY80FC: TD117-EGM10-L0-WY80FC

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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HSS-E machine taps

TD117 Advance mm

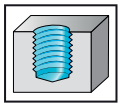
Thread·tec™ Omni



– Universal taps

EgM
DIN 8140

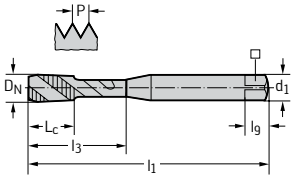
6H mod



≤ 2,5×D_N | C=2-3 | 40° | 38HRC 1250 –500 N/mm²

	P	M	K	N	S	H	O
WY80FC	●●	●●	●●	●●			

DIN 40435



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80FC
★ TD117-EGM2.5-C0-	EGM 2.5	0,45	56	6	18	3,5	2,7	6	3	☹
★ TD117-EGM3-C0-	EGM 3	0,5	63	7	21	4,5	3,4	6	3	☹
★ TD117-EGM4-C0-	EGM 4	0,7	70	8	25	6	4,9	8	3	☹
★ TD117-EGM5-C0-	EGM 5	0,8	80	10	30	6	4,9	8	3	☹
★ TD117-EGM6-C0-	EGM 6	1	90	12	35	8	6,2	9	3	☹
★ TD117-EGM8-C0-	EGM 8	1,25	100	15	39	10	8	11	3	☹

Ordering example for the grade WY80FC: TD117-EGM2.5-C0-WY80FC

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E machine taps

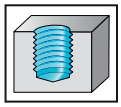
TD117 Advance inch

Thread·tec™ Omni



– Universal taps

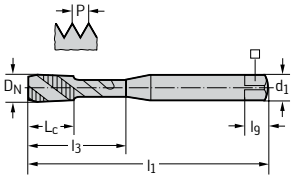
DIN ANSI | STI-UNC NASM 33537 | 3B



≤ 2,5×D_N | C=2-3 | 40° | 38HRC 1250 –500 N/mm²

	P	M	K	N	S	H	O
WY80FC	●●	●●	●●	●●			

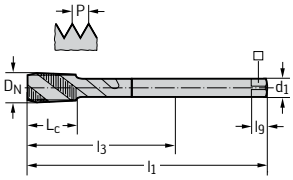
DIN-ANSI



Designation	D_N-P	D_N inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80FC
★ TD117.STIUNC2-B0-	EGUNC #2-56	0,109	2,205	0,236	0,709	0,141	0,110	0,19	3	☹
★ TD117.STIUNC4-B0-	EGUNC #4-40	0,144	2,205	0,276	0,827	0,141	0,110	0,19	3	☹
★ TD117.STIUNC6-B0-	EGUNC #6-32	0,179	2,756	0,315	0,984	0,194	0,152	0,250	3	☹
★ TD117.STIUNC8-B0-	EGUNC #8-32	0,205	2,756	0,394	0,984	0,194	0,152	0,250	3	☹
★ TD117.STIUNC10-B0-	EGUNC #10-24	0,244	3,150	0,394	1,181	0,255	0,191	0,313	3	☹
★ TD117.STIUNC1/4B0-	EGUNC 1/4-20	0,315	3,543	0,472	1,378	0,318	0,238	0,380	3	☹

Ordering example for the grade WY80FC: TD117.STIUNC1/4B0-WY80FC

DIN-ANSI



Designation	D_N-P	D_N inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80FC
★ TD117.STIUNC3/8K0-	EGUNC 3/8-16	0,456	3,937	0,591	2,831	0,367	0,275	0,437	3	☹

Ordering example for the grade WY80FC: TD117.STIUNC3/8K0-WY80FC

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

HSS-E machine taps

TD117 Advance mm

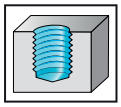
Thread·tec™ Omni



– Universal taps

EgUNC
NASM 33537

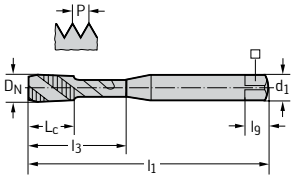
3B



≤ 2,5×D_N | C=2-3 | 40° | 38HRC 1250 –500 N/mm²

	P	M	K	N	S	H	O
WY80FC	●●	●●	●●	●●			

DIN 2184-1



Parallel shank

Designation	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80FC
★ TD117-EGUNC4-B0-	EGUNC #4-40	3,67	63	7	21	4,5	3,4	6	3	
★ TD117-EGUNC6-B0-	EGUNC #6-32	4,536	70	8	25	6	4,9	8	3	
★ TD117-EGUNC8-B0-	EGUNC #8-32	5,197	80	10	30	6	4,9	8	3	
★ TD117-EGUNC10-B0-	EGUNC #10-24	6,201	80	10	30	7	5,5	8	3	
★ TD117-EGUNC1/4-B0-	EGUNC 1/4-20	8	90	12	35	8	6,2	9	3	

Ordering example for the grade WY80FC: TD117-EGUNC1/4-B0-WY80FC

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E machine taps

TD117 Advance mm

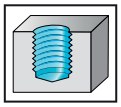
Thread·tec™ Omni



– Universal taps

EgUNC
NASM 33537

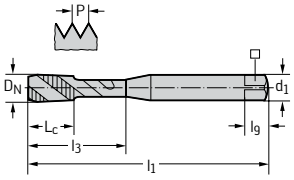
2B / 3B



≤ 2,5×D_N | C=2-3 | 40° | 38HRC 1250 –500 N/mm²

	P	M	K	N	S	H	O
WY80FC	●●	●●	●●	●●			

DIN 2184-1



Parallel shank

Designation	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80FC
★ TD117-EUNC5/16-K0-	EGUNC 5/16-18	9,771	100	15	77	7	5,5	8	3	☹
★ TD117-EGUNC3/8-K0-	EGUNC 3/8-16	11,587	100	13	73	9	7	10	3	☹
★ TD117-EGUNC1/2-K0-	EGUNC 1/2-13	15,238	110	20	68	12	9	12	4	☹

Ordering example for the grade WY80FC: TD117-EGUNC1/2-K0-WY80FC

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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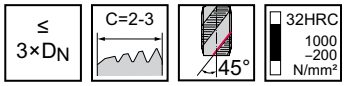
HSS-E machine taps

mm

Paradur® X·pert P

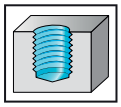


– For long-chipping materials



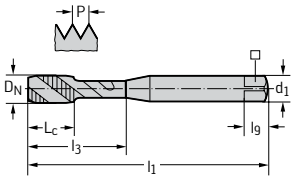
EgUNC
NASM 33537

3B



	P	M	K	N	S	H	O
uncoated	●●			●			●

DIN 2184-1



Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
P225099-EGUNC6	EGUNC #6-32	4,536	70	8	25	6	4,9	8	3
P225099-EGUNC8	EGUNC #8-32	5,197	80	10	30	6	4,9	8	3
P225099-EGUNC10	EGUNC #10-24	6,201	80	10	30	7	5,5	8	3
P225099-EGUNC1/4	EGUNC 1/4-20	8	90	12	35	8	6,2	9	3

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = 😊 → Average = 😐 → Poor = ☹ machining conditions

😊 😐 ☹ / ★ = New addition to the product range

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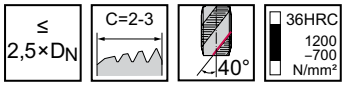
HSS-E machine taps

mm

Paradur® X·pert M

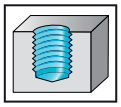


– For long-chipping materials



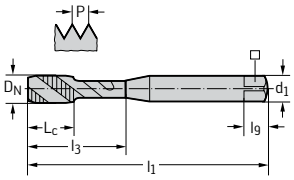
EgUNC
NASM 33537

3B



	P	M	K	N	S	H	O
VAP	●	●●					

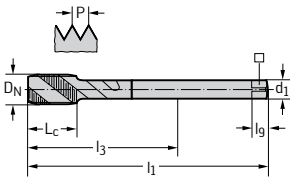
DIN 2184-1



Parallel shank

Designation VAP	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
M225049-EGUNC4	EGUNC #4-40	3,67	63	7	21	4,5	3,4	6	3
M225049-EGUNC6	EGUNC #6-32	4,536	70	8	25	6	4,9	8	3
M225049-EGUNC8	EGUNC #8-32	5,197	80	10	30	6	4,9	8	3
M225049-EGUNC10	EGUNC #10-24	6,201	80	10	30	7	5,5	8	3
M225049-EGUNC1/4	EGUNC 1/4-20	8	90	12	35	8	6,2	9	3

DIN 2184-1



Parallel shank

Designation VAP	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
M225549-EGUNC5/16	EGUNC 5/16-18	9,771	100	15	77	7	5,5	8	3
M225549-EGUNC3/8	EGUNC 3/8-16	11,587	100	13	73	9	7	10	3
M225549-EGUNC1/2	EGUNC 1/2-13	15,238	110	20	68	12	9	12	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

www.isotool.se
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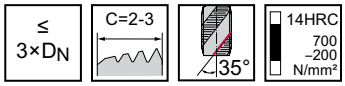
HSS-E machine taps

mm

Paradur® X·pert N

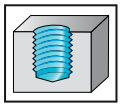


– For long-chipping materials



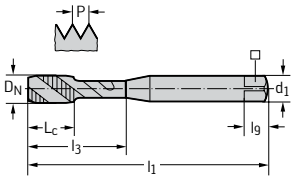
EgUNC
NASM 33537

3B



	P	M	K	N	S	H	O
uncoated				●●	●		●

DIN 2184-1



Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
N225069-EGUNC6	EGUNC #6-32	4,536	70	8	25	6	4,9	8	2
N225069-EGUNC8	EGUNC #8-32	5,197	80	10	30	6	4,9	8	2
N225069-EGUNC10	EGUNC #10-24	6,201	80	10	30	7	5,5	8	2
N225069-EGUNC1/4	EGUNC 1/4-20	8	90	12	35	8	6,2	9	2

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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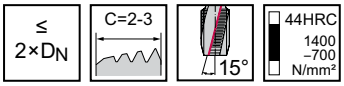
HSS-E PM machine taps

mm

Paradur® Ti

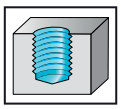


– Recommended with oil
– For long-chipping materials



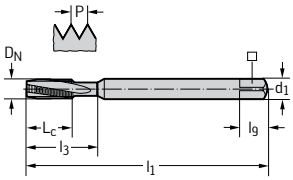
EgUNC
NASM 33537

3B



	P	M	K	N	S	H	O
uncoated	●●			●	●●		

~DIN 2184-1



Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_g mm	N
224069-EGUNC4	EGUNC #4-40	3,67	63	13	13	4,5	3,4	6	3
224069-EGUNC6	EGUNC #6-32	4,536	70	16	16	6	4,9	8	3
224069-EGUNC8	EGUNC #8-32	5,197	80	15	23	6	4,9	8	3

≤ EGUNC 6: Without reduced neck after the thread

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

www.isotool.se
Tel. 044 - 24 55 70

HSS-E machine taps

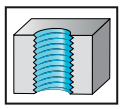
TD217 Advance inch

Thread·tec™ Omni



– Universal taps

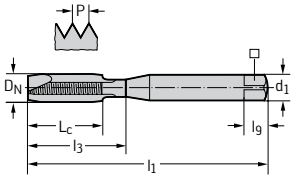
DIN ANSI | STI-UNF NASM 33537 | 3B



≤ 3×D_N | B=3,5-5 | 38HRC 1250 –350 N/mm²

	P	M	K	N	S	H	O
WY80FC	●●	●●	●●	●●			

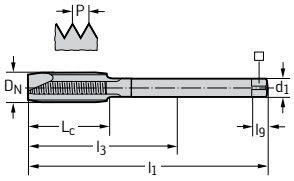
DIN-ANSI



Designation	D_N-P	D_N inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80FC
★ TD217. STIUNF10-B0-	EGUNF #10-32	0,231	3,150	0,591	1,181	0,255	0,191	0,313	3	
★ TD217. STIUNF1/4B0-	EGUNF 1/4-28	0,296	3,543	0,709	1,378	0,318	0,238	0,380	3	

Ordering example for the grade WY80FC: TD217.STIUNF1/4B0-WY80FC

DIN-ANSI



Designation	D_N-P	D_N inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80FC
★ TD217. STIUNF3/8K0-	EGUNF 3/8-24	0,429	3,937	0,787	2,862	0,323	0,242	0,406	3	

Ordering example for the grade WY80FC: TD217.STIUNF3/8K0-WY80FC

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

www.isotool.se
Tel. 044 - 24 55 70

HSS-E machine taps

TD217 Advance mm

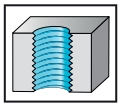
Thread·tec™ Omni



– Universal taps

EgUNF
NASM 33537

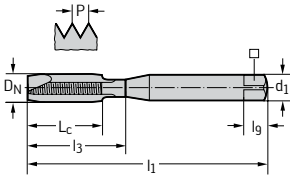
3B



≤ 3×D_N | B=3,5-5 | 38HRC 1250 –350 N/mm²

	P	M	K	N	S	H	O
WY80FC	●●	●●	●●	●●			

DIN 2184-1



Parallel shank

Designation	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80FC
★ TD217-EGUNF6-B0-	EGUNF #6-40	4,33	70	13	25	6	4,9	8	3	
★ TD217-EGUNF8-B0-	EGUNF #8-36	5,083	80	15	30	6	4,9	8	3	
★ TD217-EGUNF10-B0-	EGUNF #10-32	5,857	80	15	30	6	4,9	8	3	
★ TD217-EGUNF1/4-B0-	EGUNF 1/4-28	7,528	90	18	35	8	6,2	9	3	

Ordering example for the grade WY80FC: TD217-EGUNF1/4-B0-WY80FC

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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HSS-E machine taps

mm

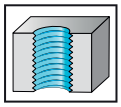
Prototex® X-pert P



– For long-chipping materials

EgUNF
NASM 33537

3B



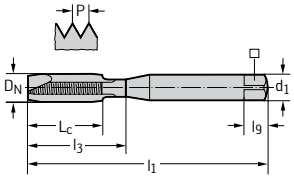
≤ 3×D_N

B=3,5-5

32HRC
1000
–200
N/mm²

	P	M	K	N	S	H	O
uncoated	●●			●			●

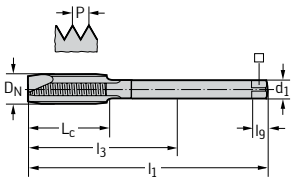
DIN 2184-1



Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
P233009-EGUNF6	EGUNF #6-40	4,33	70	13	25	6	4,9	8	3
P233009-EGUNF10	EGUNF #10-32	5,857	80	15	30	6	4,9	8	3
P233009-EGUNF8	EGUNF #8-36	5,083	80	15	30	6	4,9	8	3
P233009-EGUNF1/4	EGUNF 1/4-28	7,528	90	18	35	8	6,2	9	3

DIN 2184-1



Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
P233509-EGUNF5/16	EGUNF 5/16-24	9,313	90	20	67	7	5,5	8	3
P233509-EGUNF3/8	EGUNF 3/8-24	10,9	90	20	66	8	6,2	9	3
P233509-EGUNF7/16	EGUNF 7/16-20	12,763	100	21	73	9	7	10	4
P233509-EGUNF1/2	EGUNF 1/2-20	14,35	100	21	71	11	9	12	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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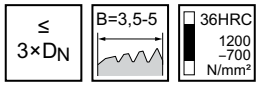
HSS-E machine taps

mm

Prototex® X·pert M

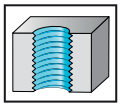


– For long-chipping materials



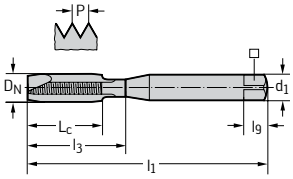
EgUNF
NASM 33537

3B



	P	M	K	N	S	H	O
VAP	●	●●					

DIN 2184-1



Parallel shank

Designation VAP	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_g mm	N
M233009-EGUNF10	EGUNF #10-32	5,857	80	15	30	6	4,9	8	3
M233009-EGUNF8	EGUNF #8-36	5,083	80	15	30	6	4,9	8	3
M233009-EGUNF1/4	EGUNF 1/4-28	7,528	90	18	35	8	6,2	9	3

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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Tel. 044 - 24 55 70

HSS-E PM machine taps

mm

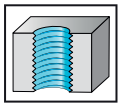
Prototex® TiNi



– Recommended with oil
– For long-chipping materials

EgUNF
NASM 33537

3B



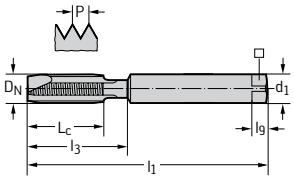
≤ 2×D_N

B=3,5-5

44HRC
1400
–700
N/mm²

	P	M	K	N	S	H	O
uncoated	●●	●●		●	●●		

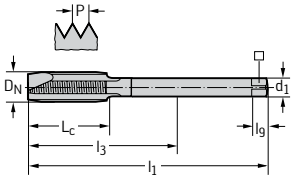
~DIN 2184-1



Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
232079-EGUNF10	EGUNF #10-32	5,857	80	15	23	6	4,9	8	3
232079-EGUNF1/4	EGUNF 1/4-28	7,528	90	18	29,5	8	6,2	9	3
232079-EGUNF5/16	EGUNF 5/16-24	9,313	100	20	33,5	10	8	11	3

DIN 2184-1



Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
232579-EGUNF3/8	EGUNF 3/8-24	10,9	100	20	76	8	6,2	9	3

C1

WALTER SELECT

●● Primary application ● Other application

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☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E machine taps

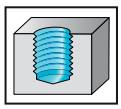
TD117 Advance inch

Thread·tec™ Omni



– Universal taps

DIN ANSI | STI-UNF NASM 33537 | 3B

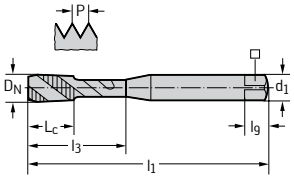


≤ 2,5×D_N | C=2-3 | 40° | 38HRC 1250 –500 N/mm²

	P	M	K	N	S	H	O
WY80FC	●●	●●	●●	●●			

DIN-ANSI

Designation	D_N-P	D_N inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80FC
★ TD117. STIUNF10-B0-	EGUNF #10-32	0,231	3,150	0,394	1,181	0,255	0,191	0,313	3	
★ TD117. STIUNF1/4B0-	EGUNF 1/4-28	0,296	3,543	0,472	1,378	0,318	0,238	0,380	3	

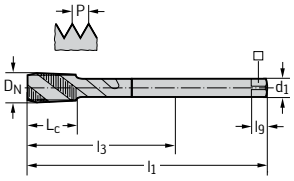


Ordering example for the grade WY80FC: TD117.STIUNF1/4B0-WY80FC

C1

DIN-ANSI

Designation	D_N-P	D_N inch	l_1 inch	L_c inch	l_3 inch	d_1 h9 inch	□ inch	l_9 inch	N	WY80FC
★ TD117. STIUNF3/8K0-	EGUNF 3/8-24	0,429	3,937	0,591	2,862	0,323	0,242	0,406	3	



Ordering example for the grade WY80FC: TD117.STIUNF3/8K0-WY80FC

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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HSS-E machine taps

TD117 Advance mm

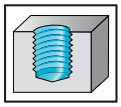
Thread·tec™ Omni



– Universal taps

EgUNF
NASM 33537

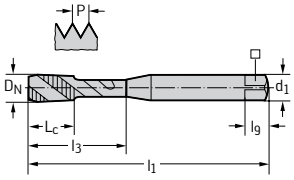
3B



≤ 2,5×D_N | C=2-3 | 40° | 38HRC 1250 –500 N/mm²

	P	M	K	N	S	H	O
WY80FC	●●	●●	●●	●●			

DIN 2184-1

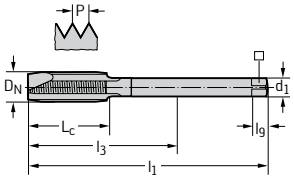


Parallel shank

Designation	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80FC
★ TD117-EGUNF10-B0-	EGUNF #10-32	5,857	80	10	30	6	4,9	8	3	
★ TD117-EGUNF1/4-B0-	EGUNF 1/4-28	7,528	90	12	35	8	6,2	9	3	

Ordering example for the grade WY80FC: TD117-EGUNF1/4-B0-WY80FC

DIN 2184-1



Parallel shank

Designation	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80FC
★ TD217-EUNF5/16-K0-	EGUNF 5/16-24	9,313	100	20	77	7	5,5	8	3	
★ TD217-EGUNF3/8-K0-	EGUNF 3/8-24	10,9	100	20	76	8	6,2	9	3	
★ TD217-EUNF7/16-K0-	EGUNF 7/16-20	12,763	100	21	73	9	7	10	4	
★ TD217-EGUNF1/2-K0-	EGUNF 1/2-20	14,35	100	21	71	11	9	12	4	

Ordering example for the grade WY80FC: TD217-EGUNF1/2-K0-WY80FC

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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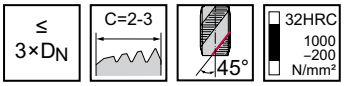
HSS-E machine taps

mm

Paradur® X·pert P

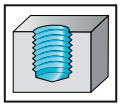


– For long-chipping materials



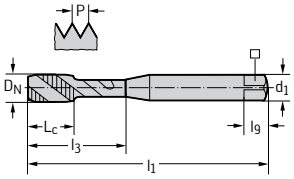
EgUNF
NASM 33537

3B



	P	M	K	N	S	H	O
uncoated	●●			●			●

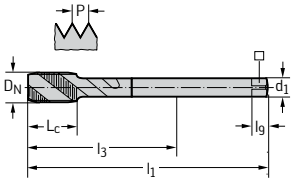
DIN 2184-1



Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
P235099-EGUNF6	EGUNF #6-40	4,33	70	8	25	6	4,9	8	3
P235099-EGUNF8	EGUNF #8-36	5,083	80	10	30	6	4,9	8	3
P235099-EGUNF10	EGUNF #10-32	5,857	80	10	30	6	4,9	8	3
P235099-EGUNF1/4	EGUNF 1/4-28	7,528	90	12	35	8	6,2	9	3

DIN 2184-1



Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	d_1 h9 mm	□ mm	l_9 mm	N
P235599-EGUNF5/16	EGUNF 5/16-24	9,313	90	12	7	5,5	8	3
P235599-EGUNF3/8	EGUNF 3/8-24	10,9	90	15	8	6,2	9	3
P235599-EGUNF7/16	EGUNF 7/16-20	12,763	100	13	9	7	10	4
P235599-EGUNF1/2	EGUNF 1/2-20	14,35	100	15	11	9	12	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

www.isotool.se
Tel. 044 - 24 55 70

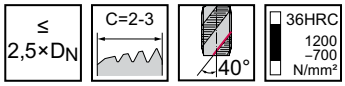
HSS-E machine taps

mm

Paradur® X·pert M

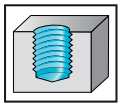


– For long-chipping materials



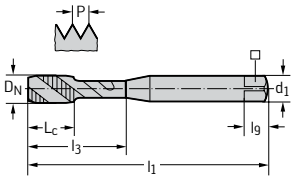
EgUNF
NASM 33537

3B



	P	M	K	N	S	H	O
VAP	●	●●					

DIN 2184-1



Parallel shank

Designation VAP	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
M235049-EGUNF10	EGUNF #10-32	5,857	80	10	30	6	4,9	8	3
M235049-EGUNF1/4	EGUNF 1/4-28	7,528	90	12	35	8	6,2	9	3

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

www.isotool.se
Tel. 044 - 24 55 70

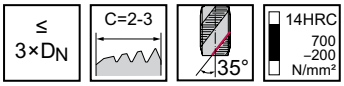
HSS-E machine taps

mm

Paradur® X·pert N

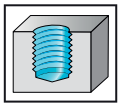


– For long-chipping materials



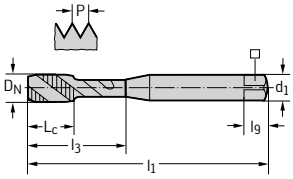
EgUNF
NASM 33537

3B



	P	M	K	N	S	H	O
uncoated				●●	●		●

DIN 2184-1



Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
N235069-EGUNF10	EGUNF #10-32	5,857	80	10	30	6	4,9	8	2
N235069-EGUNF1/4	EGUNF 1/4-28	7,528	90	12	35	8	6,2	9	3

C1

WALTER SELECT

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www.isotool.se
Tel. 044 - 24 55 70

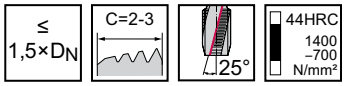
HSS-E PM machine taps

mm

Paradur® Ni

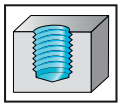


– For long-chipping materials



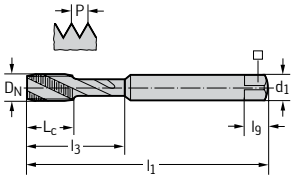
EgUNF
NASM 33537

3B



	P	M	K	N	S	H	O
uncoated	●●		●●	●	●		

~DIN 2184-1



Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
234079-EGUNF10	EGUNF #10-32	5,857	80	15	23	6	4,9	8	3
234079-EGUNF1/4	EGUNF 1/4-28	7,528	90	18	29,5	8	6,2	9	3
234079-EGUNF5/16	EGUNF 5/16-24	9,313	100	20	33,5	10	8	11	4

C1

WALTER SELECT

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☺ 😐 ☹ / ★ = New addition to the product range

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Tel. 044 - 24 55 70

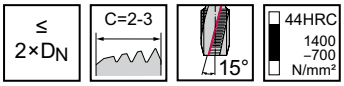
HSS-E PM machine taps

mm

Paradur® Ti

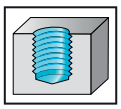


– Recommended with oil
– For long-chipping materials



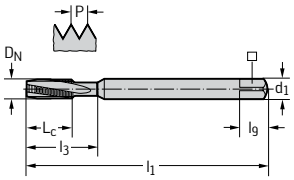
EgUNF
NASM 33537

3B



	P	M	K	N	S	H	O
uncoated	●●			●	●●		

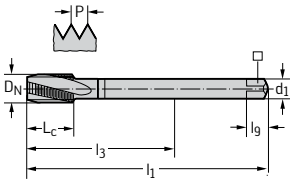
~DIN 2184-1



Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
234069-EGUNF10	EGUNF #10-32	5,857	80	15	23	6	4,9	8	3
234069-EGUNF1/4	EGUNF 1/4-28	7,528	90	18	29,5	8	6,2	9	3
234069-EGUNF5/16	EGUNF 5/16-24	9,313	100	20	33,5	10	8	11	3

DIN 2184-1



Parallel shank

Designation uncoated	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
234569-EGUNF3/8	EGUNF 3/8-24	10,9	100	20	76	8	6,2	9	4

C1

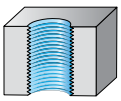
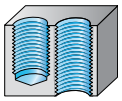
WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

www.isotool.se
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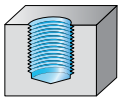
Solid carbide taps

Machining					
Thread depth	2 x D_N	2 x D_N	2 x D_N	2 x D_N	3 x D_N
		NEW			
					
Designation	Prototex® HSC	TC280 Supreme	TC388 Supreme	TC389 Supreme	Paradur® HS
Thread type					
M	✔	✔	✔	✔	✔
MF	✔	✔			✔
UNC / UNF / UN-8					✔
G / Rc / Rp			✔		
MJ / UNJC / UNJF					
NPT / NPTF					
Pg / BSW / Tr					
Indexable inserts basic shape					
Tolerance	6HX	6HX	6HX / NORMAL	6HX	2B / 6H
Coolant supply	Precision cooling	Precision cooling	External	External	External
Chamfer form	B	B	C	D	C
Coating / grade	TICN	WJ30EL	WJ30TU	WE10TU	TICN / uncoated
Cutting tool material	VHM	VHM	VHM	VHM	VHM
P Steel	●●	●●			
M Stainless steel					
K Cast iron	●●	●●			●
N NF metals		●			●●
S Materials with difficult cutting properties			●	●	●
H Hard materials			●●	●●	●
O Other					●●
Page in catalogue	**318**	**317**	**327**	**328**	**325**
QR code					
www.walter-tools.com/woc/	prototex-hsc	TC280	TC388	TC389	paradur-hs

WALTER SELECT ●● Primary application ● Other application

www.isotool.se
Tel. 044 - 24 55 70

Solid carbide taps

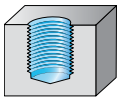
Machining					
					
Thread depth	1,5 x D_N	2 x D_N	2 x D_N	3 x D_N	3 x D_N
			NEW		
					
Designation	Paradur® N	Paradur® HSC	TC180 Supreme	Paradur® Engine	Paradur® HS
Thread type					
M	✔	✔	✔	✔	✔
MF		✔		✔	
UNC / UNF / UN-8					
G / Rc / Rp					
MJ / UNJC / UNJF					
NPT / NPTF					
Pg / BSW / Tr					
Indexable inserts basic shape					
Tolerance	6H	6HX	6HX	6HX	6H
Coolant supply	External	axial	axial	axial	axial
Chamfer form	C	C	C	E	C
Coating / grade	TICN / uncoated	TICN	WJ30EL	uncoated	TICN
Cutting tool material	VHM	VHM	VHM	VHM	VHM
P Steel	●●	●●	●●		
M Stainless steel					
K Cast iron	●●	●●	●●	●●	●
N NF metals	●●		●	●●	●●
S Materials with difficult cutting properties					●
H Hard materials		●●			●
O Other	●				●●
Page in catalogue	321	320	319	324	326
QR code					
www.walter-tools.com/woc/	paradur-n	paradur-hsc	TC180	paradur-engine	paradur-hs

WALTER SELECT ●● Primary application ● Other application

C1

www.isotool.se
Tel. 044 - 24 55 70

Solid carbide taps

Machining		
Thread depth	3,5 x D_N	3,5 x D_N





Designation	Paradur® GG	Paradur® N
Thread type		
M	✔	✔
MF	✔	
UNC / UNF / UN-8		
G / Rc / Rp		
MJ / UNJC / UNJF		
NPT / NPTF		
Pg / BSW / Tr		
Indexable inserts basic shape		
Tolerance	6HX	6H
Coolant supply	axial	axial
Chamfer form	C	C
Coating / grade	TAFT / uncoated	uncoated
Cutting tool material	VHM	VHM
P Steel		
M Stainless steel		
K Cast iron	●●	●●
N NF metals	●	●●
S Materials with difficult cutting properties		
H Hard materials		
O Other	●	●
Page in catalogue	323	322
QR code		
www.walter-tools.com/woc/	paradur-gg	paradur-n

WALTER SELECT ●● Primary application ● Other application

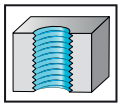
www.isotool.se
Tel. 044 - 24 55 70

Solid carbide machine taps

TC280 Supreme mm



– For long-chipping materials
– Cooling grooves on the shank

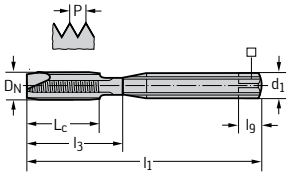
M DIN 13	6HX	

≤ 2×D_N	B=3,5-5	44HRC 1400 –850 N/mm²

	P	M	K	N	S	H	O
WJ30EL	●●		●●	●			

DIN371

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N	WJ30EL
★ TC280-M6-C3-	M 6	1	80	19	30	6	4,9	8	3	
★ TC280-M8-C3-	M 8	1,25	90	22	35	8	6,2	9	4	
★ TC280-M10-C3-	M 10	1,5	100	24	39	10	8	11	4	

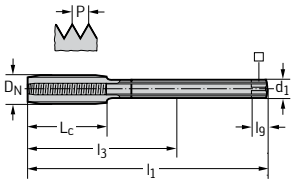


Parallel shank

Ordering example for the grade WJ30EL: TC280-M10-C3-WJ30EL

DIN376

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N	WJ30EL
★ TC280-M12-L3-	M 12	1,75	110	23	83	9	7	10	5	



Parallel shank

Ordering example for the grade WJ30EL: TC280-M12-L3-WJ30EL

C1

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Tel. 044 - 24 55 70

Solid carbide machine taps

mm

Prototex® HSC



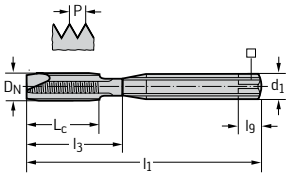
– For long-chipping materials
– Cooling grooves on the shank

M	6HX	
DIN 13		

≤ 2×D_N | B=3,5-5 | 44HRC 1400 –850 N/mm²

	P	M	K	N	S	H	O
TICN	●●		●●				

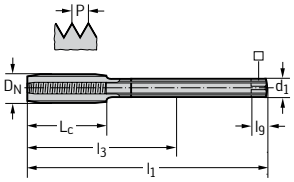
DIN 371



Parallel shank

Designation TICN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N
8021006-M6	M 6	1	80	19	30	6	4,9	8	3
8021006-M8	M 8	1,25	90	22	35	8	6,2	9	4
8021006-M10	M 10	1,5	100	24	39	10	8	11	4

DIN 376



Parallel shank

Designation TICN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N
8026006-M12	M 12	1,75	110	23	83	9	7	10	5

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

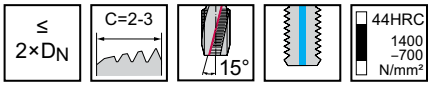
www.isotool.se
Tel. 044 - 24 55 70

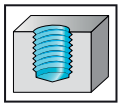
Solid carbide machine taps

TC180 Supreme mm



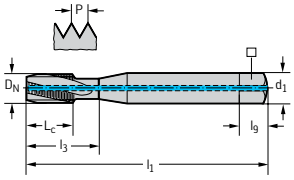
– For long- and short-chipping materials



M DIN 13	6HX	

	P	M	K	N	S	H	O
WJ30EL	●●		●●	●			

DIN 371

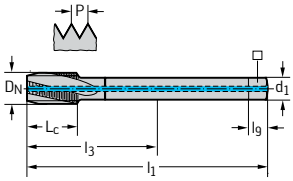


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N	WJ30EL
★ TC180-M6-C1-	M 6	1	80	10,5	30	6	4,9	8	3	
★ TC180-M8-C1-	M 8	1,25	90	13	35	8	6,2	9	3	
★ TC180-M10-C1-	M 10	1,5	100	16	39	10	8	11	3	

Ordering example for the grade WJ30EL: TC180-M10-C1-WJ30EL

DIN 376



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N	WJ30EL
★ TC180-M12-L1-	M 12	1,75	110	18,5	83	9	7	10	4	

Ordering example for the grade WJ30EL: TC180-M12-L1-WJ30EL

C1

WALTER SELECT

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☺ 😐 ☹ / ★ = New addition to the product range

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Tel. 044 - 24 55 70

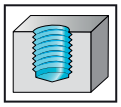
Solid carbide machine taps

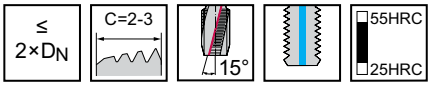
mm

Paradur® HSC



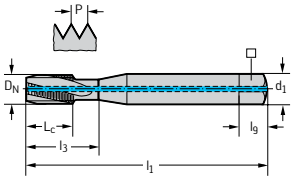
– For long- and short-chipping materials

M DIN 13	6HX	



	P	M	K	N	S	H	O
TICN	●●		●●			●●	

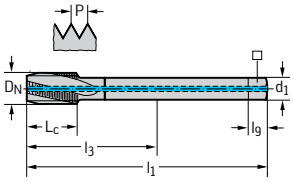
DIN 371



Parallel shank

Designation TICN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N
8041056-M6	M 6	1	80	15	30	6	4,9	8	3
8041056-M8	M 8	1,25	90	20	35	8	6,2	9	3
8041056-M10	M 10	1,5	100	25	39	10	8	11	3

DIN 376



Parallel shank

Designation TICN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N
8046056-M12	M 12	1,75	110	23	83	9	7	10	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

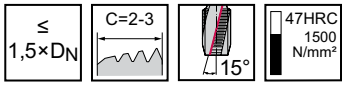
www.isotool.se
Tel. 044 - 24 55 70

Solid carbide machine taps

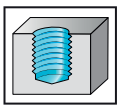
Paradur® N



– For long- and short-chipping materials

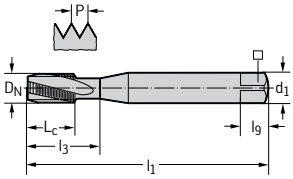


M
DIN 13



	P	M	K	N	S	H	O
TICN	●●		●●	●●			●
uncoated			●●	●●			●

~DIN 371



Parallel shank

Designation TICN	Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N
8041006-M3	80410-M3	M 3	0,5	56	10	10	3,5	2,7	6	3
8041006-M4		M 4	0,7	63	13	13	4,5	3,4	6	3
8041006-M5	80410-M5	M 5	0,8	70	16	16	6	4,9	8	3
8041006-M6	80410-M6	M 6	1	80	19	30	6	4,9	8	3
8041006-M8		M 8	1,25	90	22	35	8	6,2	9	3
	80410-M10	M 10	1,5	100	24	39	10	8	11	3

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

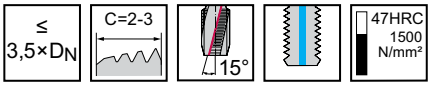
www.isotool.se
Tel. 044 - 24 55 70

Solid carbide machine taps

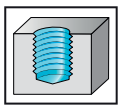
Paradur® N



– For long- and short-chipping materials

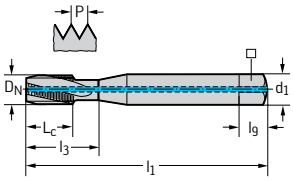


M
DIN 13



	P	M	K	N	S	H	O
uncoated			●●	●●			●

DIN 371

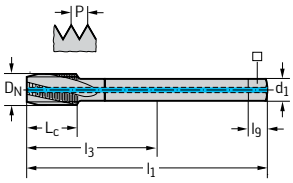


Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N
804101-M5	M 5	0,8	70	16	16	6	4,9	8	3
804101-M6	M 6	1	80	19	30	6	4,9	8	3
804101-M8	M 8	1,25	90	22	35	8	6,2	9	3

M 5: Without reduced neck after the thread

DIN 376



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N
804601-M12	M 12	1,75	110	23	83	9	7	10	3

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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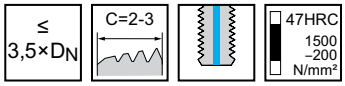
Solid carbide machine taps

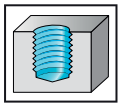
mm

Paradur® GG



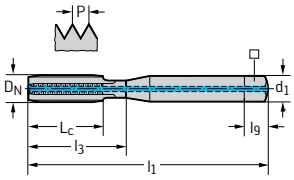
– For short-chipping materials



M DIN 13	6HX	

	P	M	K	N	S	H	O
TAFT			●●	●			●
uncoated			●●	●			●

DIN 371



Parallel shank

Designation TAFT	Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N
8031417-M5	803141-M5	M 5	0,8	70	16	16	6	4,9	8	4
8031417-M6		M 6	1	80	19	30	6	4,9	8	4
8031417-M8		M 8	1,25	90	22	35	8	6,2	9	4
8031417-M10	803141-M10	M 10	1,5	100	24	39	10	8	11	4

M 5: Without reduced neck after the thread

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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Solid carbide machine taps

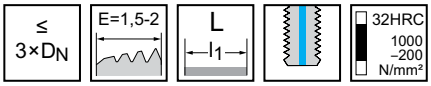
mm

Paradur® Engine



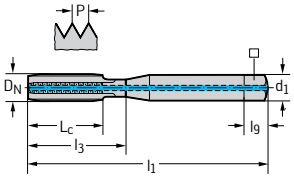
– Suitable coating according to requirements

M	6HX	
DIN 13		



	P	M	K	N	S	H	O
uncoated			●●	●●			

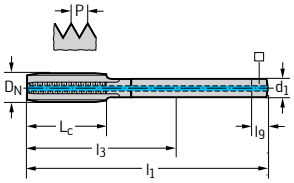
~DIN 371 L



Parallel shank

Designation uncoated	DN	P mm	l1 mm	Lc mm	l3 mm	d1 h6 mm	□ mm	l9 mm	N
8031310-M6	M 6	1	80	15	30	6	4,9	8	3
8031310-M7	M 7	1	100	15	30	7	5,5	8	3
8031310-M8	M 8	1,25	120	18	35	8	6,2	9	3
8031310-M10	M 10	1,5	140	20	39	10	8	11	3

~DIN 376 L



Parallel shank

Designation uncoated	DN	P mm	l1 mm	Lc mm	l3 mm	d1 h6 mm	□ mm	l9 mm	N
8036310-M12	M 12	1,75	140	23	113	9	7	10	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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Solid carbide machine taps

mm

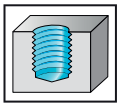
Paradur® HS

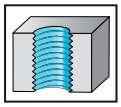


– For short-chipping materials

≤ 3×D_N | C=2-3 | 55HRC

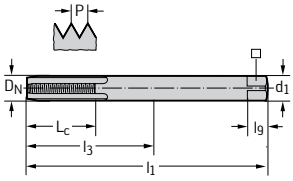
M
DIN 13





	P	M	K	N	S	H	O
TICN			●	●●	●	●	●●
uncoated			●	●●	●	●	●●

~DIN 371



Parallel shank

Designation TICN	Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N
8031106-M3	80311-M3	M 3	0,5	56	10	35	3,5	2,7	6	3
8031106-M4	80311-M4	M 4	0,7	63	13	42	4,5	3,4	6	3
8031106-M5	80311-M5	M 5	0,8	70	16	47	6	4,9	8	3
8031106-M6	80311-M6	M 6	1	80	20	57	6	4,9	8	3
8031106-M8	80311-M8	M 8	1,25	90	25	66	8	6,2	9	3
8031106-M10		M 10	1,5	100	30	72	10	8	11	3
8031106-M12		M 12	1,75	110	36	68	12	9	12	3

Without reduced neck after the thread

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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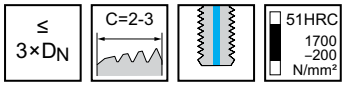
Solid carbide machine taps

mm

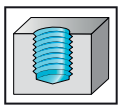
Paradur® HS



– For short-chipping materials

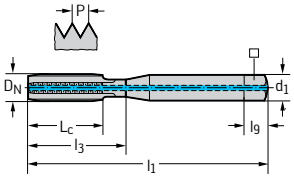


M
DIN 13



	P	M	K	N	S	H	O
TICN			●	●●	●	●	●●

~DIN 371



Parallel shank

Designation TICN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N
8031116-M5	M 5	0,8	70	16	16	6	4,9	8	3
8031116-M6	M 6	1	80	19	30	6	4,9	8	3
8031116-M7	M 7	1	80	19	30	7	5,5	8	3
8031116-M8	M 8	1,25	90	22	35	8	6,2	9	3
8031116-M10	M 10	1,5	100	24	39	10	8	11	3

M 5: Without reduced neck after the thread

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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Solid carbide machine taps

TC388 Supreme mm



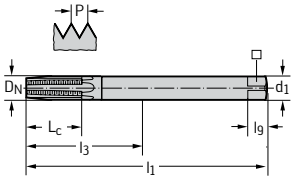
– Taps for hardened materials
– Drill core hole at upper tolerance end

M DIN 13	6HX		

≤ 2×D_N	C=2-3	63HRC / 50HRC

	P	M	K	N	S	H	O
WJ30TU					●	●●	

~DIN 371



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N	WJ30TU
TC388-M3-C0-	M 3	0,5	56	8	35	3,5	2,7	6	4	☺
TC388-M4-C0-	M 4	0,7	63	11	42	4,5	3,4	6	5	☺
TC388-M5-C0-	M 5	0,8	70	13,5	47	6	4,9	8	5	☺
TC388-M6-C0-	M 6	1	80	16,5	57	6	4,9	8	5	☺
TC388-M8-C0-	M 8	1,25	90	21,5	66	8	6,2	9	5	☺
TC388-M10-C0-	M 10	1,5	100	27	72	10	8	11	5	☺
TC388-M12-C0-	M 12	1,75	110	32	68	12	9	12	6	☺
TC388-M16-C0-	M 16	2	110	41	65	16	12	15	6	☺

Without reduced neck after the thread
Ordering example for the grade WJ30TU: TC388-M10-C0-WJ30TU

C1

WALTER SELECT

●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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Solid carbide machine taps

TC389 Supreme mm



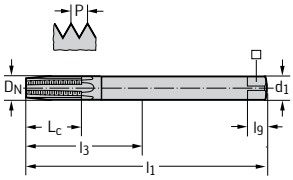
– Taps for hardened materials
– Drill core hole at upper tolerance end

M DIN 13	6HX		

≤ 2×D_N | D=3,5-5 | 65HRC / 55HRC

	P	M	K	N	S	H	O
WE10TU					●	●●	

~DIN 371



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N	WE10TU
TC389-M3-CD-	M 3	0,5	56	9	35	3,5	2,7	6	4	☻
TC389-M4-CD-	M 4	0,7	63	12	42	4,5	3,4	6	5	☻
TC389-M5-CD-	M 5	0,8	70	14,5	47	6	4,9	8	5	☻
TC389-M6-CD-	M 6	1	80	18	57	6	4,9	8	5	☻
TC389-M8-CD-	M 8	1,25	90	23,5	66	8	6,2	9	5	☻
TC389-M10-CD-	M 10	1,5	100	29	72	10	8	11	5	☻
TC389-M12-CD-	M 12	1,75	110	34,5	68	12	9	12	6	☻
TC389-M16-CD-	M 16	2	110	44	65	16	12	15	6	☻

Without reduced neck after the thread
Ordering example for the grade WE10TU: TC389-M10-CD-WE10TU

C1

WALTER SELECT

●● Primary application ● Other application
Best tool for → Good = ☻ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☻ 😐 ☹ / ★

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Solid carbide machine taps

TC280 Supreme mm



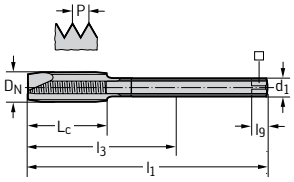
– For long-chipping materials
– Cooling grooves on the shank

MF	6HX	
DIN 13		

≤ 2×D_N | B=3,5-5 | 44HRC, 1400 –850 N/mm²

	P	M	K	N	S	H	O
WJ30EL	●●		●●	●			

DIN374



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N	WJ30EL
★ TC280-M14X1.5-L3-	MF 14x1.5	1,5	100	21	58	11	9	12	5	☺
★ TC280-M16X1.5-L3-	MF 16x1.5	1,5	100	21	58	12	9	12	5	☺

Ordering example for the grade WJ30EL: TC280-M14X1.5-L3-WJ30EL

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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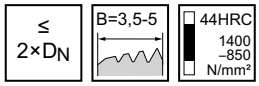
Solid carbide machine taps

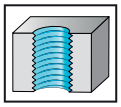
mm

Prototex® HSC



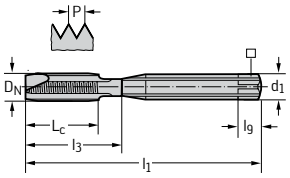
– For long-chipping materials
– Cooling grooves on the shank



MF DIN 13	6HX	

	P	M	K	N	S	H	O
TICN	●●		●●				

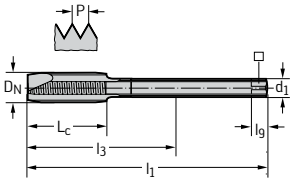
DIN 371



Parallel shank

Designation TICN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N
8121006-M8X1	MF 8x1	1	90	22	35	8	6,2	9	4

DIN 374



Parallel shank

Designation TICN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N
8126006-M14X1.5	MF 14x1.5	1,5	100	21	71	11	9	12	5
8126006-M16X1.5	MF 16x1.5	1,5	100	21	58	12	9	12	5

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

www.isotool.se
Tel. 044 - 24 55 70

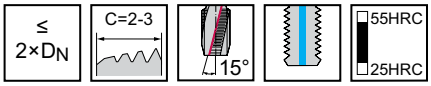
Solid carbide machine taps

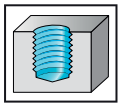
mm

Paradur® HSC



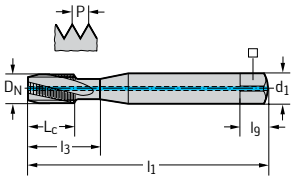
– For long-chipping materials



MF DIN 13	6HX	

	P	M	K	N	S	H	O
TICN	●●		●●			●●	

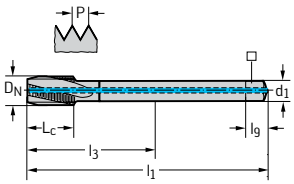
~DIN 371



Parallel shank

Designation TICN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N
8141056-M6X0.75	MF 6x0.75	0,75	80	15	30	6	4,9	8	3
8141056-M8X1	MF 8x1	1	90	20	35	8	6,2	9	3
8141056-M10X1	MF 10x1	1	90	25	39	10	8	11	3

DIN 374



Parallel shank

Designation TICN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N
8146056-M12X1	MF 12x1	1	100	20	73	9	7	10	3
8146056-M14X1.5	MF 14x1.5	1,5	100	21	71	11	9	12	4
8146056-M16X1.5	MF 16x1.5	1,5	100	21	58	12	9	12	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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Tel. 044 - 24 55 70

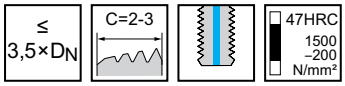
Solid carbide machine taps

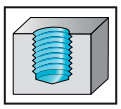
mm

Paradur® GG



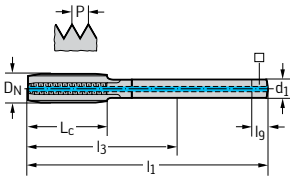
– For short-chipping materials



MF DIN 13	6HX	

	P	M	K	N	S	H	O
TAFT			●●	●			●

DIN 374



Parallel shank

Designation TAFT	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N
8136417-M8X1	MF 8x1	1	90	12	67	6	4,9	8	4
8136417-M10X1	MF 10x1	1	90	14	67	7	5,5	8	4
8136417-M12X1.5	MF 12x1.5	1,5	100	20	73	9	7	10	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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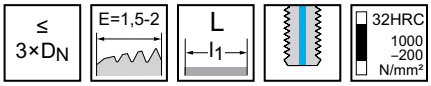
Solid carbide machine taps

mm

Paradur® Engine

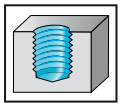


– Suitable coating according to requirements
– For short-chipping materials



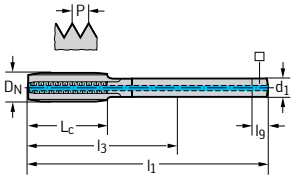
MF
DIN 13

6HX



	P	M	K	N	S	H	O
uncoated			●●	●●			

~DIN 374 L



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N
8136310-M10X1	MF 10x1	1	140	20	117	7	5,5	8	4
8136310-M12X1.25	MF 12x1.25	1,25	140	21	113	9	7	10	4
8136310-M12X1.5	MF 12x1.5	1,5	140	21	113	9	7	10	4
8136310-M16X1.5	MF 16x1.5	1,5	140	21	98	12	9	12	4

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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Solid carbide machine taps

mm

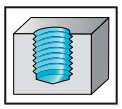
Paradur® HS

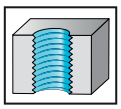


– For short-chipping materials

≤ 3×D_N | C=2-3 | 55HRC

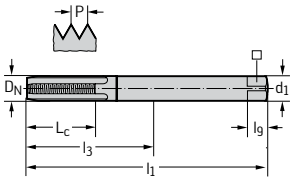
MF
DIN 13





	P	M	K	N	S	H	O
uncoated			●	●●	●	●	●●

~DIN 371



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N
81311-M8X1	MF 8x1	1	90	25	66	8	6,2	9	4
81311-M10X1	MF 10x1	1	90	30	62	10	8	11	4

Without reduced neck after the thread

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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Solid carbide machine taps

mm

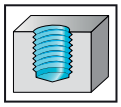
Paradur® HS

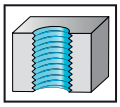


– For short-chipping materials

≤ 3×D_N	C=2-3	55HRC

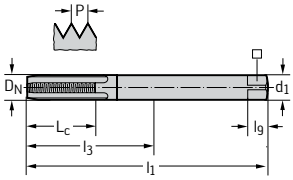
UNC ASME B1.1	2B





	P	M	K	N	S	H	O
TICN			●	●●	●	●	●●

~DIN 2184-1



Parallel shank

Designation TICN	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N
8231106-UNC10	UNC #10-24	4,826	70	16	16	6	4,9	8	3
8231106-UNC1/4	UNC 1/4-20	6,35	80	20	20	7	5,5	8	3
8231106-UNC5/16	UNC 5/16-18	7,938	90	25	25	8	6,2	9	3
8231106-UNC3/8	UNC 3/8-16	9,525	100	30	30	10	8	11	3

Without reduced neck after the thread

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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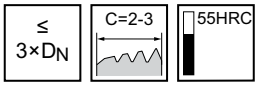
Solid carbide machine taps

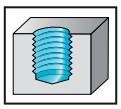
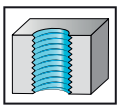
mm

Paradur® HS



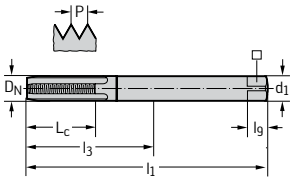
– For short-chipping materials



UNF ASME B1.1	2B		

	P	M	K	N	S	H	O
TICN			●	●●	●	●	●●

~DIN 2184-1



Parallel shank

Designation TICN	D_N-P	D_N mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N
8331106-UNF10	UNF #10-32	4,826	70	16	47	6	4,9	8	3
8331106-UNF1/4	UNF 1/4-28	6,35	80	20	57	7	5,5	8	3
8331106-UNF3/8	UNF 3/8-24	9,525	90	30	62	10	8	11	3

Without reduced neck after the thread

C1

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

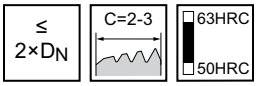
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Solid carbide machine taps

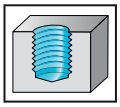
TC388 Supreme mm

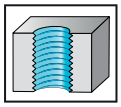


– Taps for hardened materials
– Drill core hole at upper tolerance end



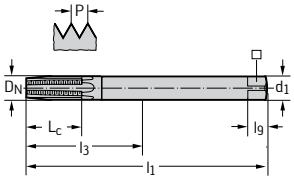
G (BSP)
DIN EN ISO 228





	P	M	K	N	S	H	O
WJ30TU					●	●●	

~DIN 371



Parallel shank

Designation	D_N-P	D_N mm	Gear per inch	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N	WJ30TU
TC388-G1/8-C0-	G 1/8-28	9,728	28	90	23,5	62	10	8	11	5	☺
TC388-G1/4-C0-	G 1/4-19	13,157	19	100	32,5	56	14	11	14	6	☺

Without reduced neck after the thread
Ordering example for the grade WJ30TU: TC388-G1/4-C0-WJ30TU

C1

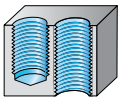
WALTER SELECT

●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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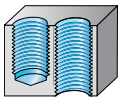
HSS-E and solid carbide thread formers

Machining					
Thread depth	2 x D_N	3 x D_N	3 x D_N	3 x D_N	3 x D_N
					
Designation	Protodyn® Eco LM	Protodyn® C	TC410 Advance	TC420 Supreme	TC430 Supreme
Thread type					
M	✔	✔	✔	✔	✔
MF					
UNC / UNF / UN-8					
G / Rc / Rp					
MJ / UNJC / UNJF					
NPT / NPTF					
Pg / BSW / Tr					
Indexable inserts basic shape					
Tolerance	6HX	6GX / 6HX	6GX / 6HX / 7GX	6GX / 6HX	6HX
Coolant supply	External	External	External	External	External
Chamfer form	C	C	C	C	C
Coating / grade	CRN	NID / uncoated	WY80AD	WW60AD / WW60BA	WW60EL
Cutting tool material	HSS-E	HSS-E	HSS-E	HSS-E-PM	HSS-E-PM
P Steel	●	●	●●	●●	●●
M Stainless steel			●●	●	●
K Cast iron			●	●	●
N NF metals	●●		●●	●●	●
S Materials with difficult cutting properties	●●		●	●	
H Hard materials					
O Other					
Page in catalogue	**370**	**371**	**342**	**349**	**362**
QR code					
www.walter-tools.com/woc/	protodyn-eco-lm	protodyn-c	TC410	TC420	TC430

WALTER SELECT ●● Primary application ● Other application

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HSS-E and solid carbide thread formers

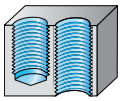
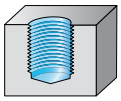
Machining					
Thread depth	3 x D_N	3,5 x D_N	3,5 x D_N	3,5 x D_N	3,5 x D_N
					
Designation	TC470 Supreme	Protodyn® S Synchrospeed	Protodyn® SC	Protodyn® SF	TC410 Advance
Thread type					
M	✔	✔	✔	✔	✔
MF		✔		✔	✔
UNC / UNF / UN-8					✔
G / Rc / Rp				✔	✔
MJ / UNJC / UNJF					
NPT / NPTF					
Pg / BSW / Tr					
Indexable inserts basic shape					
Tolerance	6HX	6HX	6GX / 6HX	6HX / NORMAL	2BX / 6GX / 6HX / 7GX / NORMAL
Coolant supply	External	External / radial	External	External	External
Chamfer form	C	C	C	C	C
Coating / grade	WG20EL	TICN / TIN	uncoated	TICN	WY80AD
Cutting tool material	VHM	HSS-E	HSS-E	HSS-E	HSS-E
P Steel	●●	●●	●	●●	●●
M Stainless steel		●●		●●	●●
K Cast iron	●				●
N NF metals	●	●●	●	●●	●●
S Materials with difficult cutting properties		●		●	●
H Hard materials					
O Other					
Page in catalogue	**376**	**360**	**373**	**375**	**346**
QR code					
www.walter-tools.com/woc/	TC470	protodyn-s-synchrospeed	protodyn-sc	protodyn-sf	TC410

WALTER SELECT

●● Primary application ● Other application

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HSS-E and solid carbide thread formers

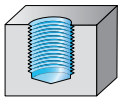
Machining					
Thread depth	3,5 x D_N	3,5 x D_N	3,5 x D_N	3,5 x D_N	3,5 x D_N
					
Designation	TC420 Supreme	TC430 Supreme	TC440 Supreme	TC470 Supreme	TC410 Advance
Thread type					
M	✔	✔	✔	✔	
MF	✔	✔	✔		✔
UNC / UNF / UN-8					
G / Rc / Rp					
MJ / UNJC / UNJF					
NPT / NPTF					
Pg / BSW / Tr					
Indexable inserts basic shape					
Tolerance	6GX / 6HX	6GX / 6HX	6HX	6HX	6GX
Coolant supply	External / radial	External / radial	External / radial	External / radial	External
Chamfer form	C	C	C	C	E
Coating / grade	WW60AD / WW60BA	WW60AD / WW60EL	WY80AD	WG20EL	WY80AD
Cutting tool material	HSS-E-PM	HSS-E-PM	HSS-E	VHM	HSS-E
P Steel	●●	●●	●	●●	●●
M Stainless steel	●●	●	●●		●
K Cast iron	●	●		●	●
N NF metals	●●	●	●	●	●●
S Materials with difficult cutting properties	●		●		●
H Hard materials					
O Other					
Page in catalogue	**354**	**363**	**367**	**377**	**382**
QR code					
www.walter-tools.com/woc/	TC420	TC430	TC440	TC470	TC410

C2

WALTER SELECT ●● Primary application ● Other application

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HSS-E and solid carbide thread formers

Machining				
Thread depth	3,5 x D_N	3,5 x D_N	3,5 x D_N	3,5 x D_N
				
Designation	TC420 Supreme	TC430 Supreme	TC440 Supreme	TC470 Supreme
Thread type				
M	✔	✔	✔	✔
MF	✔	✔		
UNC / UNF / UN-8				
G / Rc / Rp				
MJ / UNJC / UNJF				
NPT / NPTF				
Pg / BSW / Tr				
Indexable inserts basic shape				
Tolerance	6GX / 6HX	6HX	6HX	6HX
Coolant supply	External / axial	axial	axial	axial
Chamfer form	C / E	C	C	C / E
Coating / grade	WW60AD / WW60BA	WW60AD / WW60EL	WY80AD	WG20EL
Cutting tool material	HSS-E-PM	HSS-E-PM	HSS-E	VHM
P Steel	●●	●●	●	●●
M Stainless steel	●●	●	●●	
K Cast iron	●	●		●
N NF metals	●●	●	●	●
S Materials with difficult cutting properties	●		●	
H Hard materials				
O Other				
Page in catalogue	**350**	**364**	**368**	**378**
QR code				
www.walter-tools.com/woc/	TC420	TC430	TC440	TC470

C2

WALTER SELECT ●● Primary application ● Other application

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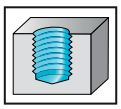
HSS-E machine thread formers

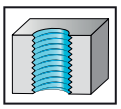
TC410 Advance mm



– For long-chipping materials

M DIN 13	6HX

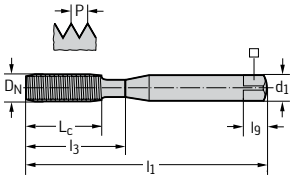




≤ 3×D_N	C=2-3	36HRC 1200 –200 N/mm²

	P	M	K	N	S	H	O
WY80AD	●●	●	●	●●	●		

DIN 2174

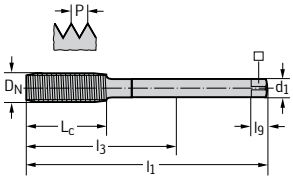


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC410-M1-C0-	M 1	0,25	40	5	5	2,5	2,1	5	3	
TC410-M1.1-C0-	M 1.1	0,25	40	5	5	2,5	2,1	5	3	
TC410-M1.2-C0-	M 1.2	0,25	40	5	5	2,5	2,1	5	3	
TC410-M1.4-C0-	M 1.4	0,3	40	7	7	2,5	2,1	5	3	
TC410-M1.6-C0-	M 1.6	0,35	40	7	7	2,5	2,1	5	3	
TC410-M1.7-C0-	M 1.7	0,35	40	7	7	2,5	2,1	5	3	
TC410-M1.8-C0-	M 1.8	0,35	40	7	7	2,5	2,1	5	3	
TC410-M2-C0-	M 2	0,4	45	6	11	2,8	2,1	5	3	
TC410-M2.2-C0-	M 2.2	0,45	45	7	12	2,8	2,1	5	3	
TC410-M2.3-C0-	M 2.3	0,4	45	7	12	2,8	2,1	5	3	
TC410-M2.5-C0-	M 2.5	0,45	50	8	13	2,8	2,1	5	3	
TC410-M2.6-C0-	M 2.6	0,45	50	8	14	2,8	2,1	5	3	
TC410-M3-C0-	M 3	0,5	56	9	18	3,5	2,7	6	4	
TC410-M3.5-C0-	M 3.5	0,6	56	11	20	4	3	6	4	
TC410-M4-C0-	M 4	0,7	63	12	21	4,5	3,4	6	5	
TC410-M5-C0-	M 5	0,8	70	13	25	6	4,9	8	5	
TC410-M6-C0-	M 6	1	80	15	30	6	4,9	8	5	
TC410-M7-C0-	M 7	1	80	15	30	7	5,5	8	5	
TC410-M8-C0-	M 8	1,25	90	18	35	8	6,2	9	5	
TC410-M10-C0-	M 10	1,5	100	20	39	10	8	11	6	

Ordering example for the grade WY80AD: TC410-M1-C0-WY80AD

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC410-M12-L0-	M 12	1,75	110	23	83	9	7	10	6	
TC410-M14-L0-	M 14	2	110	25	81	11	9	12	6	
TC410-M16-L0-	M 16	2	110	25	68	12	9	12	6	
TC410-M18-L0-	M 18	2,5	125	30	81	14	11	14	7	
TC410-M20-L0-	M 20	2,5	140	30	95	16	12	15	7	
TC410-M24-L0-	M 24	3	160	36	113	18	14,5	17	8	

Ordering example for the grade WY80AD: TC410-M12-L0-WY80AD

C 2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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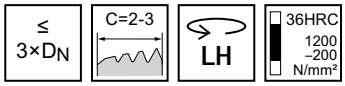
HSS-E machine thread formers

TC410 Advance mm



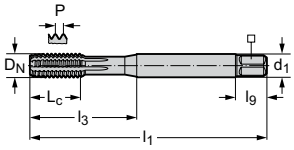
– For long-chipping materials

M DIN 13	6HX		



	P	M	K	N	S	H	O
WY80AD	●●	●●	●	●●	●		

DIN 2174

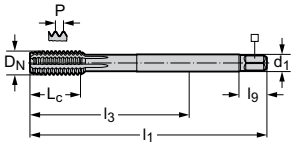


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC410-M6-CL-	M 6	1	80	15	30	6	4,9	8	5	●
TC410-M8-CL-	M 8	1,25	90	18	35	8	6,2	9	5	●
TC410-M10-CL-	M 10	1,5	100	20	39	10	8	11	6	●

Ordering example for the grade WY80AD: TC410-M10-CL-WY80AD

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC410-M12-LL-	M 12	1,75	110	23	83	9	7	10	6	●
TC410-M16-LL-	M 16	2	110	25	68	12	9	12	6	●

Ordering example for the grade WY80AD: TC410-M12-LL-WY80AD

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E machine thread formers

TC410 Advance mm



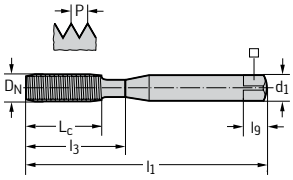
– For long-chipping materials

M DIN 13	6GX		

≤ 3×D_N | C=2-3 | 36HRC, 1200 –200 N/mm²

	P	M	K	N	S	H	O
WY80AD	●●	●	●	●●	●		

DIN 2174



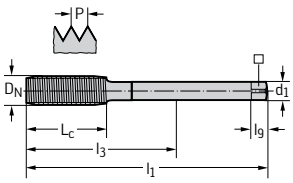
Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC410-M2-E0-	M 2	0,4	45	6	11	2,8	2,1	5	3	☹
TC410-M2.5-E0-	M 2.5	0,45	50	8	14	2,8	2,1	5	3	☹
TC410-M3-E0-	M 3	0,5	56	9	18	3,5	2,7	6	4	☹
TC410-M3.5-E0-	M 3.5	0,6	56	11	20	4	3	6	4	☹
TC410-M4-E0-	M 4	0,7	63	12	21	4,5	3,4	6	5	☹
TC410-M5-E0-	M 5	0,8	70	13	25	6	4,9	8	5	☹
TC410-M6-E0-	M 6	1	80	15	30	6	4,9	8	5	☹
TC410-M8-E0-	M 8	1,25	90	18	35	8	6,2	9	5	☹
TC410-M10-E0-	M 10	1,5	100	20	39	10	8	11	6	☹

Ordering example for the grade WY80AD: TC410-M10-E0-WY80AD

C2

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC410-M12-N0-	M 12	1,75	110	23	83	9	7	10	6	☹

Ordering example for the grade WY80AD: TC410-M12-N0-WY80AD

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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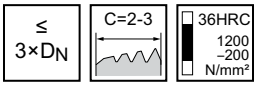
HSS-E machine thread formers

TC410 Advance mm



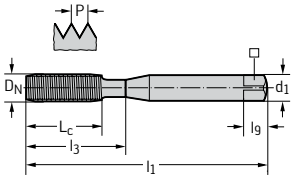
– For long-chipping materials

M	7GX		
DIN 13			



	P	M	K	N	S	H	O
WY80AD	●●	●	●	●●	●		

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC410-M2-F0-	M 2	0,4	45	6	11	2,8	2,1	5	3	●●
TC410-M2.5-F0-	M 2.5	0,45	50	8	14	2,8	2,1	5	3	●●
TC410-M3-F0-	M 3	0,5	56	9	18	3,5	2,7	6	4	●●
TC410-M4-F0-	M 4	0,7	63	12	21	4,5	3,4	6	5	●●
TC410-M5-F0-	M 5	0,8	70	13	25	6	4,9	8	5	●●
TC410-M6-F0-	M 6	1	80	15	30	6	4,9	8	5	●●
TC410-M8-F0-	M 8	1,25	90	18	35	8	6,2	9	5	●●
TC410-M10-F0-	M 10	1,5	100	20	39	10	8	11	6	●●

Ordering example for the grade WY80AD: TC410-M10-F0-WY80AD

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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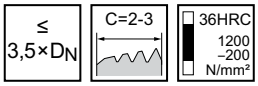
HSS-E machine thread formers

TC410 Advance mm



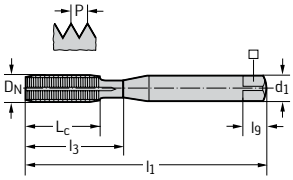
– For long-chipping materials

M	6HX		
DIN 13			



	P	M	K	N	S	H	O
WY80AD	●●	●●	●	●●	●		

DIN 2174

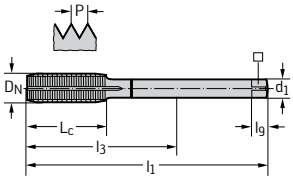


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC410-M2-C6-	M 2	0,4	45	6	11	2,8	2,1	5	3	
TC410-M2.5-C6-	M 2.5	0,45	50	8	13	2,8	2,1	5	3	
TC410-M3-C6-	M 3	0,5	56	9	18	3,5	2,7	6	4	
TC410-M3.5-C6-	M 3.5	0,6	56	11	20	4	3	6	4	
TC410-M4-C6-	M 4	0,7	63	12	21	4,5	3,4	6	5	
TC410-M5-C6-	M 5	0,8	70	13	25	6	4,9	8	5	
TC410-M6-C6-	M 6	1	80	15	30	6	4,9	8	5	
TC410-M7-C6-	M 7	1	80	15	30	7	5,5	8	5	
TC410-M8-C6-	M 8	1,25	90	18	35	8	6,2	9	5	
TC410-M10-C6-	M 10	1,5	100	20	39	10	8	11	6	

Ordering example for the grade WY80AD: TC410-M10-C6-WY80AD

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC410-M12-L6-	M 12	1,75	110	23	83	9	7	10	6	
TC410-M14-L6-	M 14	2	110	25	81	11	9	12	6	
TC410-M16-L6-	M 16	2	110	25	68	12	9	12	6	
TC410-M18-L6-	M 18	2,5	125	30	81	14	11	14	7	
TC410-M20-L6-	M 20	2,5	140	30	95	16	12	15	7	
TC410-M24-L6-	M 24	3	160	36	113	18	14,5	17	8	

Ordering example for the grade WY80AD: TC410-M12-L6-WY80AD

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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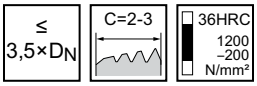
HSS-E machine thread formers

TC410 Advance mm



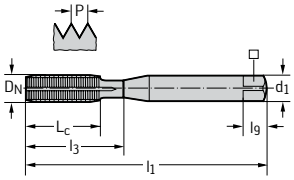
– For long-chipping materials

M	6GX		
DIN 13			



	P	M	K	N	S	H	O
WY80AD	●●	●●	●	●●	●		

DIN 2174

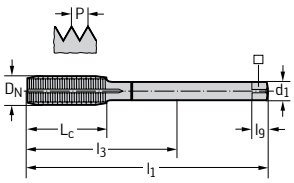


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC410-M2-E6-	M 2	0,4	45	6	11	2,8	2,1	5	3	
TC410-M2.5-E6-	M 2.5	0,45	50	8	14	2,8	2,1	5	3	
TC410-M3-E6-	M 3	0,5	56	9	18	3,5	2,7	6	4	
TC410-M3.5-E6-	M 3.5	0,6	56	11	20	4	3	6	4	
TC410-M4-E6-	M 4	0,7	63	12	21	4,5	3,4	6	5	
TC410-M5-E6-	M 5	0,8	70	13	25	6	4,9	8	5	
TC410-M6-E6-	M 6	1	80	15	30	6	4,9	8	5	
TC410-M8-E6-	M 8	1,25	90	18	35	8	6,2	9	5	
TC410-M10-E6-	M 10	1,5	100	20	39	10	8	11	6	

Ordering example for the grade WY80AD: TC410-M10-E6-WY80AD

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC410-M12-N6-	M 12	1,75	110	23	83	9	7	10	6	

Ordering example for the grade WY80AD: TC410-M12-N6-WY80AD

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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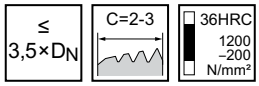
HSS-E machine thread formers

TC410 Advance mm



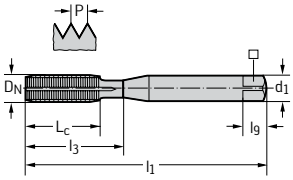
– For long-chipping materials

M DIN 13	7GX		



	P	M	K	N	S	H	O
WY80AD	●●	●●	●	●●	●		

DIN 2174



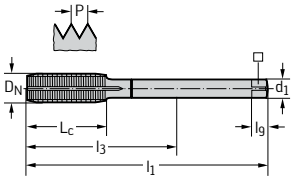
Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC410-M2-F6-	M 2	0,4	45	6	11	2,8	2,1	5	3	✖
TC410-M2.5-F6-	M 2.5	0,45	50	8	14	2,8	2,1	5	3	✖
TC410-M3-F6-	M 3	0,5	56	9	18	3,5	2,7	6	4	✖
TC410-M4-F6-	M 4	0,7	63	12	21	4,5	3,4	6	5	✖
TC410-M5-F6-	M 5	0,8	70	13	25	6	4,9	8	5	✖
TC410-M6-F6-	M 6	1	80	15	30	6	4,9	8	5	✖
TC410-M8-F6-	M 8	1,25	90	18	35	8	6,2	9	5	✖
TC410-M10-F6-	M 10	1,5	100	20	39	10	8	11	6	✖

Ordering example for the grade WY80AD: TC410-M10-F6-WY80AD

C 2

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC410-M12-P6-	M 12	1,75	110	23	83	9	7	10	6	✖

Ordering example for the grade WY80AD: TC410-M12-P6-WY80AD

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ✖ machining conditions

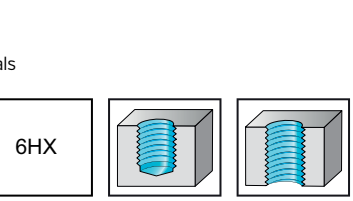
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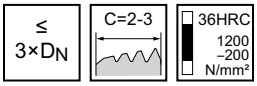
HSS-E-PM machine thread formers

TC420 Supreme mm



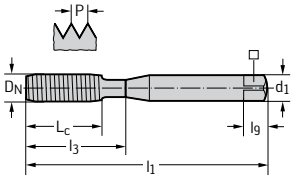
– For long-chipping materials





	P	M	K	N	S	H	O
WW60AD	●●	●	●	●●	●		
WW60BA	●●	●	●	●●	●		

DIN 2174

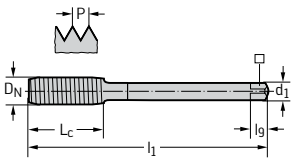


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60BA
TC420-M2-C0-	M 2	0,4	45	4	11	2,8	2,1	5	3	☹	☹
TC420-M2.5-C0-	M 2.5	0,45	50	4	14	2,8	2,1	5	3	☹	☹
TC420-M3-C0-	M 3	0,5	56	6	18	3,5	2,7	6	4	☹	☹
TC420-M3.5-C0-	M 3.5	0,6	56	7	20	4	3	6	4		☹
TC420-M4-C0-	M 4	0,7	63	7	21	4,5	3,4	6	5	☹	☹
TC420-M5-C0-	M 5	0,8	70	8	25	6	4,9	8	5	☹	☹
TC420-M6-C0-	M 6	1	80	10	30	6	4,9	8	5	☹	☹
TC420-M8-C0-	M 8	1,25	90	12	35	8	6,2	9	5	☹	☹
TC420-M10-C0-	M 10	1,5	100	15	39	10	8	11	6	☹	☹

Ordering example for the grade WW60AD: TC420-M10-C0-WW60AD

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60BA
TC420-M12-L0-	M 12	1,75	110	16	83	9	7	10	6	☹	☹
TC420-M14-L0-	M 14	2	110	20	81	11	9	12	6	☹	
TC420-M16-L0-	M 16	2	110	20	68	12	9	12	6	☹	
TC420-M20-L0-	M 20	2,5	140	25	95	16	12	15	7	☹	

Ordering example for the grade WW60AD: TC420-M12-L0-WW60AD

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E-PM machine thread formers

TC420 Supreme mm



– For long-chipping materials

M	6HX	
DIN 13		

	P	M	K	N	S	H	O
WW60AD	●●	●●	●	●●	●		
WW60BA	●●	●●	●	●●	●		

DIN 2174

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60BA
TC420-M5-C1-	M 5	0,8	70	8	25	6	4,9	8	5		
TC420-M6-C1-	M 6	1	80	10	30	6	4,9	8	5		
TC420-M8-C1-	M 8	1,25	90	12	35	8	6,2	9	5		
TC420-M10-C1-	M 10	1,5	100	15	39	10	8	11	6		

Parallel shank

Ordering example for the grade WW60AD: TC420-M10-C1-WW60AD

DIN 2174

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60BA
TC420-M12-L1-	M 12	1,75	110	16	83	9	7	10	6		
TC420-M14-L1-	M 14	2	110	20	81	11	9	12	6		
TC420-M16-L1-	M 16	2	110	20	68	12	9	12	6		

Parallel shank

Ordering example for the grade WW60AD: TC420-M12-L1-WW60AD

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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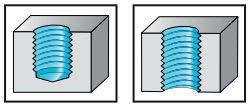
HSS-E-PM machine thread formers

TC420 Supreme mm



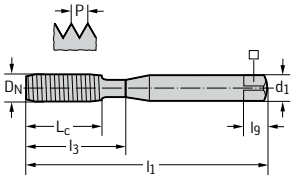
– For long-chipping materials

M DIN 13	6GX		



	P	M	K	N	S	H	O
WW60AD	●●	●	●	●●	●		
WW60BA	●●	●	●	●●	●		

DIN 2174

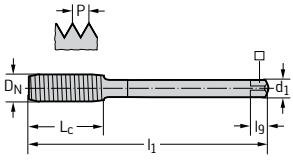


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60BA
TC420-M2-E0-	M 2	0,4	45	4	11	2,8	2,1	5	3	☹	☹
TC420-M2.5-E0-	M 2.5	0,45	50	4	14	2,8	2,1	5	3	☹	☹
TC420-M3-E0-	M 3	0,5	56	6	18	3,5	2,7	6	4	☹	☹
TC420-M3.5-E0-	M 3.5	0,6	56	7	20	4	3	6	4	☹	
TC420-M4-E0-	M 4	0,7	63	7	21	4,5	3,4	6	5	☹	☹
TC420-M5-E0-	M 5	0,8	70	8	25	6	4,9	8	5	☹	☹
TC420-M6-E0-	M 6	1	80	10	30	6	4,9	8	5	☹	☹
TC420-M8-E0-	M 8	1,25	90	12	35	8	6,2	9	5	☹	☹
TC420-M10-E0-	M 10	1,5	100	15	39	10	8	11	6	☹	☹

Ordering example for the grade WW60AD: TC420-M10-E0-WW60AD

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD
TC420-M12-N0-	M 12	1,75	110	16	83	9	7	10	6	☹
TC420-M16-N0-	M 16	2	110	20	68	12	9	12	6	☹

Ordering example for the grade WW60AD: TC420-M12-N0-WW60AD

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E-PM machine thread formers

TC420 Supreme mm

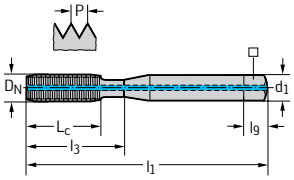


– For long-chipping materials

M	6HX	
DIN 13		

	P	M	K	N	S	H	O
WW60AD	●●	●●		●●	●		
WW60BA	●●	●●		●●	●		

DIN 2174

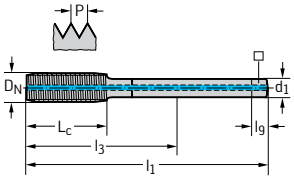


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60BA
TC420-M5-CF-	M 5	0,8	70	8	25	6	4,9	8	5	☹	☹
TC420-M6-CF-	M 6	1	80	10	30	6	4,9	8	5	☹	☹
TC420-M8-CF-	M 8	1,25	90	12	35	8	6,2	9	5	☹	☹
TC420-M10-CF-	M 10	1,5	100	15	39	10	8	11	6	☹	

Ordering example for the grade WW60AD: TC420-M10-CF-WW60AD

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD
TC420-M12-LF-	M 12	1,75	110	16	83	9	7	10	6	☹
TC420-M16-LF-	M 16	2	110	20	68	12	9	12	6	☹

Ordering example for the grade WW60AD: TC420-M12-LF-WW60AD

C 2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

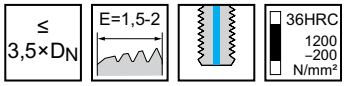
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HSS-E-PM machine thread formers

TC420 Supreme mm



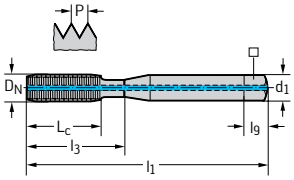
– For long-chipping materials



M	6GX	
DIN 13		

	P	M	K	N	S	H	O
WW60AD	●●	●●		●●	●		
WW60BA	●●	●●		●●	●		

DIN 2174

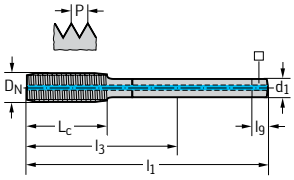


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60BA
TC420-M5-EF-	M 5	0,8	70	8	25	6	4,9	8	5	☹	
TC420-M6-EF-	M 6	1	80	10	30	6	4,9	8	5	☹	☹
TC420-M8-EF-	M 8	1,25	90	12	35	8	6,2	9	5	☹	☹
TC420-M10-EF-	M 10	1,5	100	15	39	10	8	11	6	☹	☹

Ordering example for the grade WW60AD: TC420-M10-EF-WW60AD

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD
TC420-M12-NF-	M 12	1,75	110	16	83	9	7	10	6	☹
TC420-M16-NF-	M 16	2	110	20	68	12	9	12	6	☹

Ordering example for the grade WW60AD: TC420-M12-NF-WW60AD

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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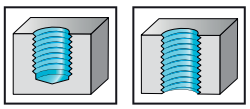
HSS-E-PM machine thread formers

TC420 Supreme mm



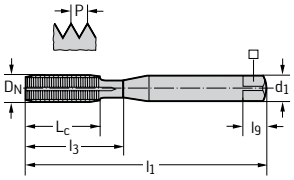
– For long-chipping materials

M DIN 13	6HX



	P	M	K	N	S	H	O
WW60AD	●●	●●	●	●●	●		
WW60BA	●●	●●	●	●●	●		

DIN 2174



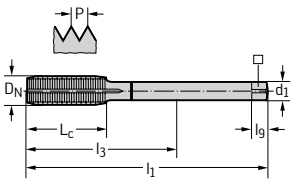
Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60BA
TC420-M2-C6-	M 2	0,4	45	4	11	2,8	2,1	5	3	☹	☹
TC420-M2.5-C6-	M 2.5	0,45	50	4	14	2,8	2,1	5	3	☹	☹
TC420-M3-C6-	M 3	0,5	56	6	18	3,5	2,7	6	4	☹	☹
TC420-M3.5-C6-	M 3.5	0,6	56	7	20	4	3	6	4	☹	
TC420-M4-C6-	M 4	0,7	63	7	21	4,5	3,4	6	5	☹	☹
TC420-M5-C6-	M 5	0,8	70	8	25	6	4,9	8	5	☹	☹
TC420-M6-C6-	M 6	1	80	10	30	6	4,9	8	5	☹	☹
TC420-M8-C6-	M 8	1,25	90	12	35	8	6,2	9	5	☹	☹
TC420-M10-C6-	M 10	1,5	100	15	39	10	8	11	6	☹	☹

Ordering example for the grade WW60AD: TC420-M10-C6-WW60AD

C2

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60BA
TC420-M12-L6-	M 12	1,75	110	16	83	9	7	10	6	☹	☹
TC420-M14-L6-	M 14	2	110	20	81	11	9	12	6	☹	☹
TC420-M16-L6-	M 16	2	110	20	68	12	9	12	6	☹	☹
TC420-M20-L6-	M 20	2,5	140	25	95	16	12	15	7	☹	☹

Ordering example for the grade WW60AD: TC420-M12-L6-WW60AD

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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HSS-E-PM machine thread formers

TC420 Supreme mm



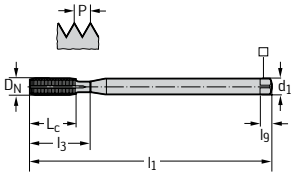
– For long-chipping materials

M DIN 13	6HX		

≤ 3,5×D_N	C=2-3	XL l_1	36HRC 1200 –200 N/mm²

	P	M	K	N	S	H	O
WW60AD	●●	●●	●	●●	●		

~DIN 371 XL

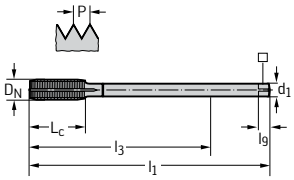


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD
TC420-M3-CH-	M 3	0,5	125	6	18	3,5	2,7	6	4	
TC420-M4-CH-	M 4	0,7	125	7	21	4,5	3,4	6	5	
TC420-M5-CH-	M 5	0,8	140	8	25	6	4,9	8	5	
TC420-M6-CH-	M 6	1	160	10	30	6	4,9	8	5	

Ordering example for the grade WW60AD: TC420-M3-CH-WW60AD

~DIN 376 XL



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD
TC420-M8-LH-	M 8	1,25	180	13	157	6	4,9	8	5	
TC420-M10-LH-	M 10	1,5	200	15	177	7	5,5	8	6	
TC420-M12-LH-	M 12	1,75	220	16	193	9	7	10	6	
TC420-M16-LH-	M 16	2	220	20	178	12	9	12	6	

Ordering example for the grade WW60AD: TC420-M10-LH-WW60AD

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

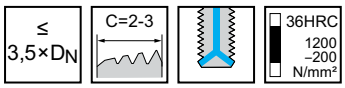
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HSS-E-PM machine thread formers

TC420 Supreme mm



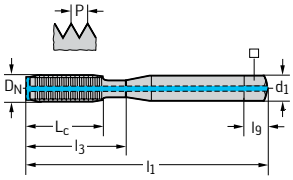
– For long-chipping materials



M DIN 13	6HX		

	P	M	K	N	S	H	O
WW60AD	●●	●●	●	●●	●		
WW60BA	●●	●●	●	●●	●		

DIN 2174

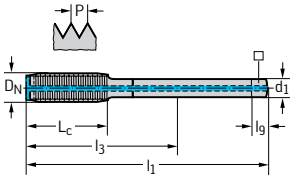


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60BA
TC420-M5-C2-	M 5	0,8	70	8	25	6	4,9	8	5	☹	☹
TC420-M6-C2-	M 6	1	80	10	30	6	4,9	8	5	☹	☹
TC420-M8-C2-	M 8	1,25	90	12	35	8	6,2	9	5	☹	☹
TC420-M10-C2-	M 10	1,5	100	15	39	10	8	11	6	☹	☹

Ordering example for the grade WW60AD: TC420-M10-C2-WW60AD

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60BA
TC420-M12-L2-	M 12	1,75	110	16	83	9	7	10	6	☹	☹
TC420-M14-L2-	M 14	2	110	20	81	11	9	12	6	☹	☹
TC420-M16-L2-	M 16	2	110	20	68	12	9	12	6	☹	☹
TC420-M20-L2-	M 20	2,5	140	25	95	16	12	15	7	☹	☹
TC420-M24-L2-	M 24	3	160	30	113	18	14,5	17	8	☹	☹

Ordering example for the grade WW60AD: TC420-M12-L2-WW60AD

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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HSS-E-PM machine thread formers

TC420 Supreme mm



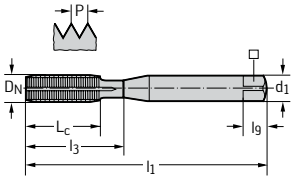
– For long-chipping materials

M	6HX	
DIN 13		

≤ 3,5×D_N | E=1,5-2 | 36HRC, 1200 –200 N/mm²

	P	M	K	N	S	H	O
WW60AD	●●	●●	●	●●	●		
WW60BA	●●	●●	●	●●	●		

DIN 2174

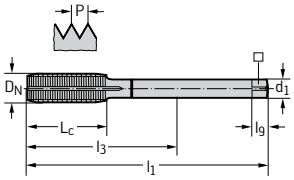


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60BA
TC420-M2-CE-	M 2	0,4	45	4	11	2,8	2,1	5	3	☹	☹
TC420-M2.5-CE-	M 2.5	0,45	50	4	14	2,8	2,1	5	3	☹	☹
TC420-M3-CE-	M 3	0,5	56	6	18	3,5	2,7	6	4	☹	☹
TC420-M4-CE-	M 4	0,7	63	7	21	4,5	3,4	6	5	☹	☹
TC420-M5-CE-	M 5	0,8	70	8	25	6	4,9	8	5	☹	☹
TC420-M6-CE-	M 6	1	80	10	30	6	4,9	8	5	☹	☹
TC420-M8-CE-	M 8	1,25	90	12	35	8	6,2	9	5	☹	☹
TC420-M10-CE-	M 10	1,5	100	15	39	10	8	11	6	☹	☹

Ordering example for the grade WW60AD: TC420-M10-CE-WW60AD

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60BA
TC420-M12-LE-	M 12	1,75	110	16	83	9	7	10	6	☹	☹
TC420-M14-LE-	M 14	2	110	20	81	11	9	12	6	☹	
TC420-M16-LE-	M 16	2	110	20	68	12	9	12	6	☹	☹

Ordering example for the grade WW60AD: TC420-M12-LE-WW60AD

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

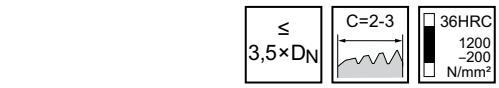
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HSS-E-PM machine thread formers

TC420 Supreme mm



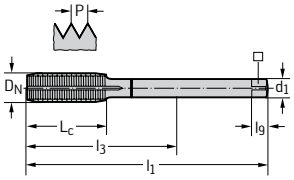
– For long-chipping materials



M	6GX		
DIN 13			

	P	M	K	N	S	H	O
WW60AD	●●	●●	●	●●	●		
WW60BA	●●	●●	●	●●	●		

DIN 2174



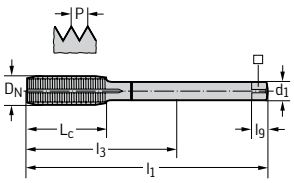
Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60BA
TC420-M2-E6-	M 2	0,4	45	4	11	2,8	2,1	5	3	✖	
TC420-M2.5-E6-	M 2.5	0,45	50	4	14	2,8	2,1	5	3	✖	✖
TC420-M3-E6-	M 3	0,5	56	6	18	3,5	2,7	6	4	✖	✖
TC420-M3.5-E6-	M 3.5	0,6	56	7	20	4	3	6	4	✖	
TC420-M4-E6-	M 4	0,7	63	7	21	4,5	3,4	6	5	✖	✖
TC420-M5-E6-	M 5	0,8	70	8	25	6	4,9	8	5	✖	✖
TC420-M6-E6-	M 6	1	80	10	30	6	4,9	8	5	✖	✖
TC420-M8-E6-	M 8	1,25	90	12	35	8	6,2	9	5	✖	✖
TC420-M10-E6-	M 10	1,5	100	15	39	10	8	11	6	✖	✖

Ordering example for the grade WW60AD: TC420-M10-E6-WW60AD

C2

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD
TC420-M12-N6-	M 12	1,75	110	16	83	9	7	10	6	✖
TC420-M14-N6-	M 14	2	110	20	81	11	9	12	6	✖
TC420-M16-N6-	M 16	2	110	20	68	12	9	12	6	✖

Ordering example for the grade WW60AD: TC420-M12-N6-WW60AD

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ✖ machining conditions

HSS-E-PM machine thread formers

TC420 Supreme mm

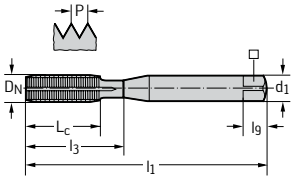


– For long-chipping materials

M	6GX	
DIN 13		

	P	M	K	N	S	H	O
WW60AD	●●	●●	●	●●	●		
WW60BA	●●	●●	●	●●	●		

DIN 2174

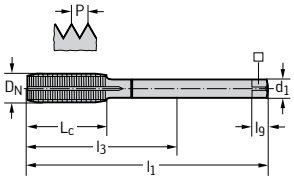


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60BA
TC420-M2-EE-	M 2	0,4	45	4	11	2,8	2,1	5	3	☹	☹
TC420-M2.5-EE-	M 2.5	0,45	50	4	14	2,8	2,1	5	3	☹	☹
TC420-M3-EE-	M 3	0,5	56	6	18	3,5	2,7	6	4	☹	☹
TC420-M4-EE-	M 4	0,7	63	7	21	4,5	3,4	6	5	☹	☹
TC420-M5-EE-	M 5	0,8	70	8	25	6	4,9	8	5	☹	☹
TC420-M6-EE-	M 6	1	80	10	30	6	4,9	8	5	☹	☹
TC420-M8-EE-	M 8	1,25	90	12	35	8	6,2	9	5	☹	☹
TC420-M10-EE-	M 10	1,5	100	15	39	10	8	11	6	☹	☹

Ordering example for the grade WW60AD: TC420-M10-EE-WW60AD

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD
TC420-M12-NE-	M 12	1,75	110	16	83	9	7	10	6	☹
TC420-M14-NE-	M 14	2	110	20	81	11	9	12	6	☹
TC420-M16-NE-	M 16	2	110	20	68	12	9	12	6	☹

Ordering example for the grade WW60AD: TC420-M12-NE-WW60AD

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E machine thread formers

mm

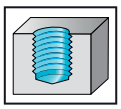
Protodyn® S Synchrospeed

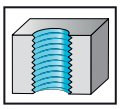


– For long-chipping materials
– Only for synchronous machining (rigid tapping)

≤ 3,5×D_N | C=2-3 | 36HRC 1200 N/mm²

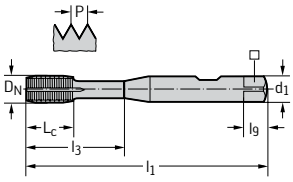
M	6HX
DIN 13	





	P	M	K	N	S	H	O
TIN	●●	●●		●●	●		
TICN	●●	●●		●●	●		

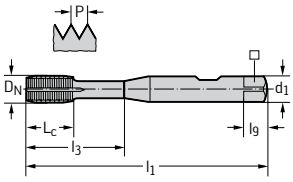
~DIN 2174



Parallel shank

Designation TICN	Designation TIN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N
S2061306-M3	S2061305-M3	M 3	0,5	70	3	18	6	4,9	8	3
S2061306-M4	S2061305-M4	M 4	0,7	70	4	21	6	4,9	8	3
S2061306-M5	S2061305-M5	M 5	0,8	70	5	25	6	4,9	8	4
S2061306-M6	S2061305-M6	M 6	1	80	6	30	6	4,9	8	4
S2061306-M8	S2061305-M8	M 8	1,25	90	8	35	8	6,2	9	5
S2061306-M10	S2061305-M10	M 10	1,5	100	9	39	10	8	11	5

~DIN 2174



Parallel shank

Designation TICN	Designation TIN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N
S2066306-M12	S2066305-M12	M 12	1,75	110	11	42	12	9	12	5

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

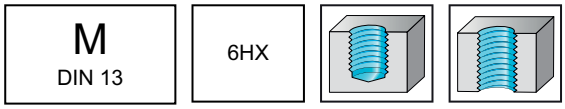
HSS-E machine thread formers

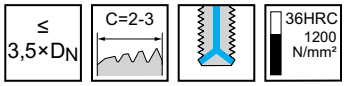
mm

Protodyn® S Synchrospeed



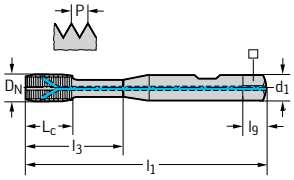
– For long-chipping materials
– Only for synchronous machining (rigid tapping)





	P	M	K	N	S	H	O
TIN	●●	●●		●●	●		

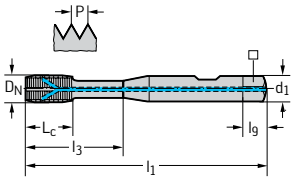
~DIN 2174



Parallel shank

Designation TIN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N
S2061345-M4	M 4	0,7	70	4	21	6	4,9	8	3
S2061345-M5	M 5	0,8	70	5	25	6	4,9	8	4
S2061345-M6	M 6	1	80	6	30	6	4,9	8	4
S2061345-M8	M 8	1,25	90	8	35	8	6,2	9	5
S2061345-M10	M 10	1,5	100	9	39	10	8	11	5

~DIN 2174



Parallel shank

Designation TIN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N
S2066345-M12	M 12	1,75	110	11	42	12	9	12	5

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E-PM machine thread formers

TC430 Supreme mm



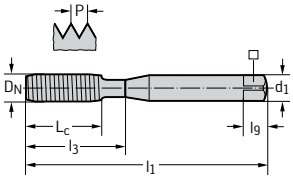
– For long-chipping materials
– ISO M only with oil

M DIN 13	6HX		

≤ 3×D_N	C=2-3	36HRC 1200 –200 N/mm²

	P	M	K	N	S	H	O
WW60EL	●●	●	●	●			

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_g mm	N	WW60EL
TC430-M3-C0-	M 3	0,5	56	6	18	3,5	2,7	6	4	
TC430-M4-C0-	M 4	0,7	63	7	21	4,5	3,4	6	5	
TC430-M5-C0-	M 5	0,8	70	8	25	6	4,9	8	5	
TC430-M6-C0-	M 6	1	80	10	30	6	4,9	8	5	
TC430-M8-C0-	M 8	1,25	90	12	35	8	6,2	9	6	
TC430-M10-C0-	M 10	1,5	100	15	39	10	8	11	7	

Ordering example for the grade WW60EL: TC430-M10-C0-WW60EL

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = → Average = → Poor = machining conditions

New addition to the product range = / ★

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HSS-E-PM machine thread formers

TC430 Supreme mm



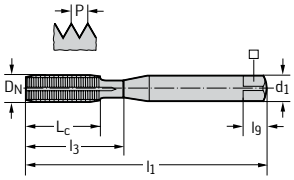
– For long-chipping materials
– ISO M only with oil

≤ 3,5×D_N | C=2-3 | 36HRC | 1200 –200 N/mm²

M DIN 13	6HX

	P	M	K	N	S	H	O
WW60AD	●●	●	●	●			
WW60EL	●●	●	●	●			

DIN 2174

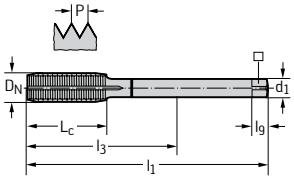


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60EL
TC430-M3-C6-	M 3	0,5	56	6	18	3,5	2,7	6	4		☹
TC430-M4-C6-	M 4	0,7	63	7	21	4,5	3,4	6	5		☹
TC430-M5-C6-	M 5	0,8	70	8	25	6	4,9	8	5		☹
TC430-M6-C6-	M 6	1	80	10	30	6	4,9	8	5		☹
TC430-M8-C6-	M 8	1,25	90	12	35	8	6,2	9	6	☹	☹
TC430-M10-C6-	M 10	1,5	100	15	39	10	8	11	7	☹	☹

Ordering example for the grade WW60AD: TC430-M10-C6-WW60AD

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60EL
TC430-M12-L6-	M 12	1,75	110	16	83	9	7	10	8	☹	☹
TC430-M16-L6-	M 16	2	110	20	68	12	9	12	8	☹	

Ordering example for the grade WW60AD: TC430-M12-L6-WW60AD

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

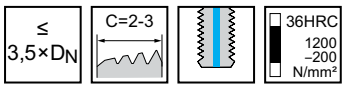
www.isotool.se
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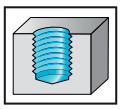
HSS-E-PM machine thread formers

TC430 Supreme mm



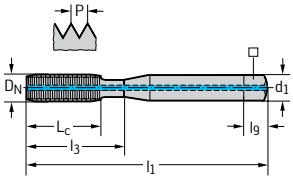
– For long-chipping materials
– ISO M only with oil



M DIN 13	6HX	

	P	M	K	N	S	H	O
WW60AD	●●	●	●	●			
WW60EL	●●	●	●	●			

DIN 2174

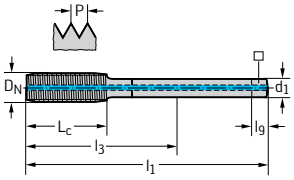


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60EL
TC430-M5-C1-	M 5	0,8	70	8	25	6	4,9	8	5		☹
TC430-M6-C1-	M 6	1	80	10	30	6	4,9	8	5		☹
TC430-M8-C1-	M 8	1,25	90	12	35	8	6,2	9	6	☹	☹
TC430-M10-C1-	M 10	1,5	100	15	39	10	8	11	7	☹	☹

Ordering example for the grade WW60AD: TC430-M10-C1-WW60AD

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60EL
TC430-M12-L1-	M 12	1,75	110	16	83	9	7	10	8	☹	☹
TC430-M16-L1-	M 16	2	110	20	68	12	9	12	8	☹	☹

Ordering example for the grade WW60AD: TC430-M12-L1-WW60AD

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

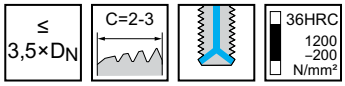
www.isotool.se
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HSS-E-PM machine thread formers

TC430 Supreme mm



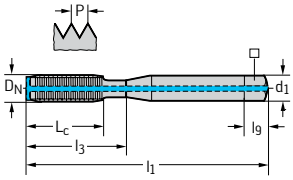
– For long-chipping materials
– ISO M only with oil



M DIN 13	6HX		

	P	M	K	N	S	H	O
WW60AD	●●	●	●	●			
WW60EL	●●	●	●	●			

DIN 2174

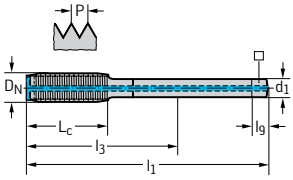


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60EL
TC430-M5-C2-	M 5	0,8	70	8	25	6	4,9	8	5		☹
TC430-M6-C2-	M 6	1	80	10	30	6	4,9	8	5		☹
TC430-M8-C2-	M 8	1,25	90	12	35	8	6,2	9	6	☹	☹
TC430-M10-C2-	M 10	1,5	100	15	39	10	8	11	7	☹	☹

Ordering example for the grade WW60AD: TC430-M10-C2-WW60AD

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60EL
TC430-M12-L2-	M 12	1,75	110	16	83	9	7	10	8	☹	☹
TC430-M16-L2-	M 16	2	110	20	68	12	9	12	8	☹	☹

Ordering example for the grade WW60AD: TC430-M12-L2-WW60AD

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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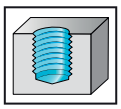
HSS-E-PM machine thread formers

TC430 Supreme mm



– For long-chipping materials
– ISO M only with oil

M DIN 13	6GX

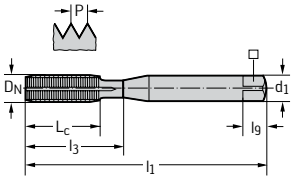


≤ 3,5×D_N | C=2-3 | 36HRC 1200 –200 N/mm²

	P	M	K	N	S	H	O
WW60AD	●●	●	●	●			

DIN 2174

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD
TC430-M10-E6-	M 10	1,5	100	15	39	10	8	11	7	

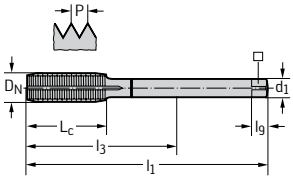


Parallel shank

Ordering example for the grade WW60AD: TC430-M10-E6-WW60AD

DIN 2174

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD
TC430-M12-N6-	M 12	1,75	110	16	83	9	7	10	8	



Parallel shank

Ordering example for the grade WW60AD: TC430-M12-N6-WW60AD

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

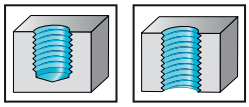
HSS-E machine thread formers

TC440 Supreme mm



– For long-chipping materials
– For stainless steels when using emulsion

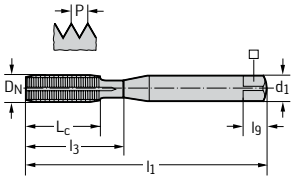
M DIN 13	6HX



≤ 3,5×D_N	C=2-3	32HRC 1000 –200 N/mm²

	P	M	K	N	S	H	O
WY80AD	●	●●		●	●		

DIN 2174

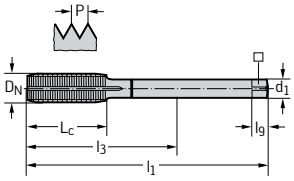


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC440-M2-C6-	M 2	0,4	45	6	6	2,8	2,1	5	3	
TC440-M2.5-C6-	M 2.5	0,45	50	8	8	2,8	2,1	5	3	
TC440-M3-C6-	M 3	0,5	56	6	18	3,5	2,7	6	3	
TC440-M4-C6-	M 4	0,7	63	7	21	4,5	3,4	6	3	
TC440-M5-C6-	M 5	0,8	70	8	25	6	4,9	8	4	
TC440-M6-C6-	M 6	1	80	10	30	6	4,9	8	5	
TC440-M8-C6-	M 8	1,25	90	12	35	8	6,2	9	5	
TC440-M10-C6-	M 10	1,5	100	15	39	10	8	11	5	

Ordering example for the grade WY80AD: TC440-M12-L6-WY80AD

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC440-M12-L6-	M 12	1,75	110	16	83	9	7	10	5	

Bestellbeispiel für die Sorte WY80AD: TC440-M12-L6-WY80AD

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

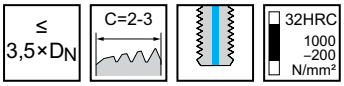
www.isotool.se
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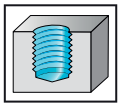
HSS-E machine thread formers

TC440 Supreme mm



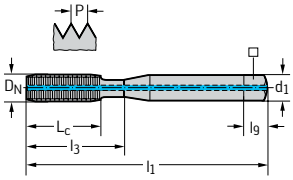
– For long-chipping materials
– For stainless steels when using emulsion



M DIN 13	6HX	

	P	M	K	N	S	H	O
WY80AD	●	●●		●	●		

DIN 2174

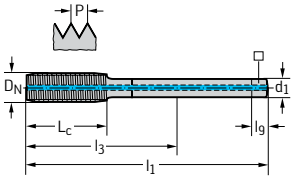


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC440-M5-C1-	M 5	0,8	70	8	25	6	4,9	8	4	☹
TC440-M6-C1-	M 6	1	80	10	30	6	4,9	8	5	☹
TC440-M8-C1-	M 8	1,25	90	12	35	8	6,2	9	5	☹
TC440-M10-C1-	M 10	1,5	100	15	39	10	8	11	5	☹

Ordering example for the grade WY80AD: TC440-M10-C1-WY80AD

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC440-M12-L1-	M 12	1,75	110	16	83	9	7	10	5	☹

Ordering example for the grade WY80AD: TC440-M12-L1-WY80AD

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

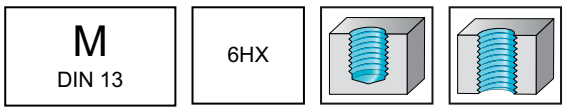
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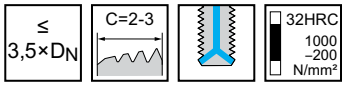
HSS-E machine thread formers

TC440 Supreme mm



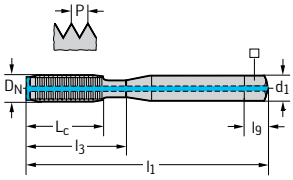
– For long-chipping materials
– For stainless steels when using emulsion





	P	M	K	N	S	H	O
WY80AD	●	●●		●	●		

DIN 2174

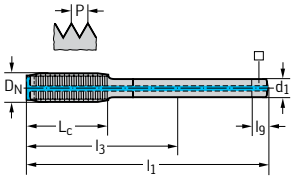


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC440-M5-C2-	M 5	0,8	70	8	25	6	4,9	8	4	☹
TC440-M6-C2-	M 6	1	80	10	30	6	4,9	8	5	☹
TC440-M8-C2-	M 8	1,25	90	12	35	8	6,2	9	5	☹
TC440-M10-C2-	M 10	1,5	100	15	39	10	8	11	5	☹

Ordering example for the grade WY80AD: TC440-M10-C2-WY80AD

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC440-M12-L2-	M 12	1,75	110	16	83	9	7	10	5	☹

Ordering example for the grade WY80AD: TC440-M12-L2-WY80AD

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E machine thread formers

mm

Protodyn® Eco LM



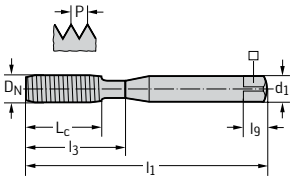
– For long-chipping materials

M DIN 13	6HX		

≤ 2×D_N | C=2-3 | 14HRC 700 –200 N/mm²

CRN	P	M	K	N	S	H	O
	●			●●	●●		

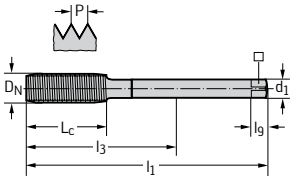
DIN 2174



Parallel shank

Designation CRN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_g mm	N
E2061604-M2	M 2	0,4	45	6	11	2,8	2,1	5	3
E2061604-M2.5	M 2.5	0,45	50	8	14	2,8	2,1	5	3
E2061604-M3	M 3	0,5	56	9	18	3,5	2,7	6	3
E2061604-M4	M 4	0,7	63	12	21	4,5	3,4	6	3
E2061604-M5	M 5	0,8	70	13	25	6	4,9	8	4
E2061604-M6	M 6	1	80	15	30	6	4,9	8	4
E2061604-M8	M 8	1,25	90	18	35	8	6,2	9	4
E2061604-M10	M 10	1,5	100	20	39	10	8	11	4

DIN 2174



Parallel shank

Designation CRN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_g mm	N
E2066604-M12	M 12	1,75	110	23	83	9	7	10	4

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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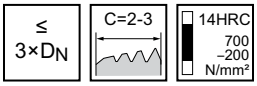
HSS-E machine thread formers

mm

Protodyn® C



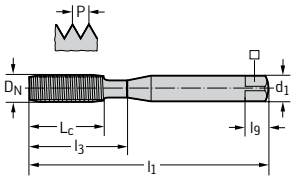
– For long-chipping materials



M	6HX		
DIN 13			

	P	M	K	N	S	H	O
NID	●						
uncoated	●						

DIN 2174



Parallel shank

Designation NID	Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
	D7061100-M1	M 1	0,25	40	6	6	2,5	2,1	5	3
D70611-M1.2	D7061100-M1.2	M 1.2	0,25	40	6	6	2,5	2,1	5	3
D70611-M1.4	D7061100-M1.4	M 1.4	0,3	40	7	7	2,5	2,1	5	3
D70611-M1.6	D7061100-M1.6	M 1.6	0,35	40	8	8	2,5	2,1	5	3
D70611-M2	D7061100-M2	M 2	0,4	45	6	11	2,8	2,1	5	3
D70611-M2.5	D7061100-M2.5	M 2.5	0,45	50	8	13	2,8	2,1	5	3
D70611-M3	D7061100-M3	M 3	0,5	56	9	18	3,5	2,7	6	4
	D7061100-M3.5	M 3.5	0,6	56	11	20	4	3	6	4
D70611-M4	D7061100-M4	M 4	0,7	63	12	21	4,5	3,4	6	5
D70611-M5	D7061100-M5	M 5	0,8	70	13	25	6	4,9	8	5
D70611-M6	D7061100-M6	M 6	1	80	15	30	6	4,9	8	5
D70611-M8	D7061100-M8	M 8	1,25	90	18	35	8	6,2	9	5
D70611-M10	D7061100-M10	M 10	1,5	100	20	39	10	8	11	5

≤ M 1.4: 5HX

C2

WALTER SELECT

●● Primary application ● Other application

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☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E machine thread formers

mm

Protodyn® C



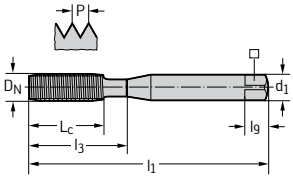
– For long-chipping materials

M DIN 13	6GX		

≤ 3×D_N | C=2-3 | 32HRC, 1000 –200 N/mm²

	P	M	K	N	S	H	O
uncoated	●						

DIN 2174



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
D7063100-M4	M 4	0,7	63	12	21	4,5	3,4	6	5
D7063100-M6	M 6	1	80	15	30	6	4,9	8	5
D7063100-M8	M 8	1,25	90	18	35	8	6,2	9	5
D7063100-M10	M 10	1,5	100	20	39	10	8	11	5

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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HSS-E machine thread formers



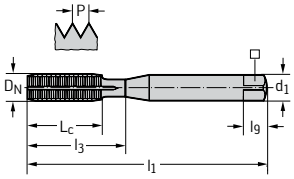
– For long-chipping materials

M DIN 13	6HX		

≤ 3,5×D_N	C=2-3	32HRC 1000 –200 N/mm²

	P	M	K	N	S	H	O
uncoated	●			●			

Tool



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 mm	□ mm	l_9 mm	N
D7061700-M3	M 3	0,5	56	9	18	3,5	2,7	6	4
D7061700-M4	M 4	0,7	63	12	21	4,5	3,4	6	5
D7061700-M5	M 5	0,8	70	13	25	6	4,9	8	5
D7061700-M6	M 6	1	80	15	30	6	4,9	8	5
D7061700-M8	M 8	1,25	90	18	35	8	6,2	9	5
D7061700-M10	M 10	1,5	100	20	39	10	8	11	5

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E machine thread formers

mm

Protodyn® SC



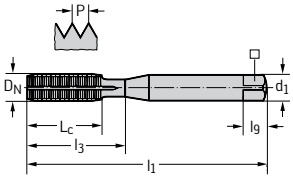
– For long-chipping materials

M DIN 13	6GX		

≤ 3,5×D_N	C=2-3	32HRC 1000 –200 N/mm²

	P	M	K	N	S	H	O
uncoated	●			●			

DIN 2174



Parallel shank

Designation uncoated	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
D7063700-M3	M 3	0,5	56	9	18	3,5	2,7	6	4
D7063700-M4	M 4	0,7	63	12	21	4,5	3,4	6	5
D7063700-M5	M 5	0,8	70	13	25	6	4,9	8	5
D7063700-M6	M 6	1	80	15	30	6	4,9	8	5

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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HSS-E machine thread formers

mm

Protodyn® SF



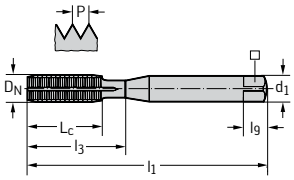
– For long-chipping materials

M DIN 13	6HX		

≤ 3,5×D_N | C=2-3 | 36HRC, 1200 –200 N/mm²

TICN	P	M	K	N	S	H	O
	●●	●●		●●	●		

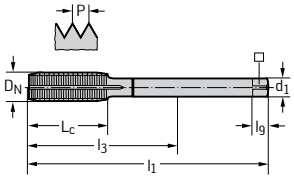
DIN 2174



Parallel shank

Designation TICN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
D7061706-M3	M 3	0,5	56	9	18	3,5	2,7	6	4
D7061706-M4	M 4	0,7	63	12	21	4,5	3,4	6	5
D7061706-M5	M 5	0,8	70	13	25	6	4,9	8	5
D7061706-M6	M 6	1	80	15	30	6	4,9	8	5
D7061706-M8	M 8	1,25	90	18	35	8	6,2	9	5
D7061706-M10	M 10	1,5	100	20	39	10	8	11	5

DIN 2174



Parallel shank

Designation TICN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
D7066706-M12	M 12	1,75	110	23	83	9	7	10	5
D7066706-M14	M 14	2	110	25	81	11	9	12	6
D7066706-M16	M 16	2	110	25	68	12	9	12	6

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = 😊 → Average = 😐 → Poor = ☹ machining conditions

😊 😐 ☹ / ★ = New addition to the product range

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Solid carbide machine thread formers

TC470 Supreme mm



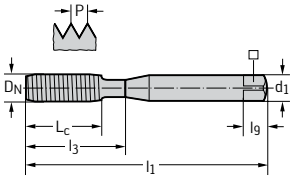
– For long-chipping materials

M DIN 13	6HX		

≤ 3×D_N | C=2-3 | 36HRC 1200 –200 N/mm²

	P	M	K	N	S	H	O
WG20EL	●●		●	●			

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_g mm	N	WG20EL
TC470-M3-C0-	M 3	0,5	56	10	10	3,5	2,7	6	4	☺
TC470-M4-C0-	M 4	0,7	63	13	13	4,5	3,4	6	5	☺
TC470-M5-C0-	M 5	0,8	70	16	16	6	4,9	8	5	☺
TC470-M6-C0-	M 6	1	80	10	30	6	4,9	8	5	☺
TC470-M8-C0-	M 8	1,25	90	12	35	8	6,2	9	6	☺

Ordering example for the grade WG20EL: TC470-M3-C0-WG20EL

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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Solid carbide machine thread formers

TC470 Supreme mm



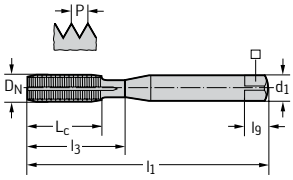
– For long-chipping materials

M DIN 13	6HX		

≤ 3,5×D_N | C=2-3 | 36HRC 1200 –200 N/mm²

	P	M	K	N	S	H	O
WG20EL	●●		●	●			

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N	WG20EL
TC470-M4-C6-	M 4	0,7	63	13	13	4,5	3,4	6	5	☺
TC470-M5-C6-	M 5	0,8	70	16	16	6	4,9	8	5	☺
TC470-M6-C6-	M 6	1	80	10	30	6	4,9	8	5	☺
TC470-M8-C6-	M 8	1,25	90	12	35	8	6,2	9	6	☺

Ordering example for the grade WG20EL: TC470-M4-C6-WG20EL

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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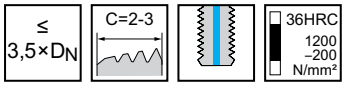
Solid carbide machine thread formers

TC470 Supreme mm



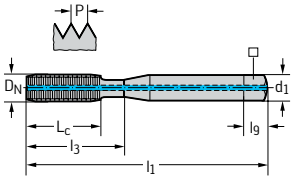
– For long-chipping materials

M	6HX	
DIN 13		



	P	M	K	N	S	H	O
WG20EL	●●		●	●			

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N	WG20EL
TC470-M5-C5-	M 5	0,8	70	16	16	6	4,9	8	5	☹
TC470-M6-C5-	M 6	1	80	10	30	6	4,9	8	5	☹
TC470-M8-C5-	M 8	1,25	90	12	35	8	6,2	9	6	☹
TC470-M10-C5-	M 10	1,5	100	15	39	10	8	11	7	☹

Ordering example for the grade WG20EL: TC470-M10-C5-WG20EL

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

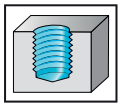
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Solid carbide machine thread formers

TC470 Supreme mm



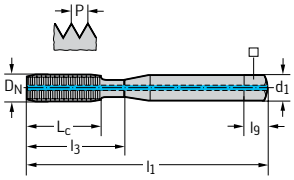
– For long-chipping materials

M DIN 13	6HX	

≤ 3,5×D_N | E=1,5-2 |  | 36HRC 1200 –200 N/mm²

	P	M	K	N	S	H	O
WG20EL	●●		●	●			

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N	WG20EL
TC470-M6-CE-	M 6	1	80	10	30	6	4,9	8	5	☺
TC470-M8-CE-	M 8	1,25	90	12	35	8	6,2	9	6	☺
TC470-M10-CE-	M 10	1,5	100	15	39	10	8	11	7	☺

Ordering example for the grade WG20EL: TC470-M10-CE-WG20EL

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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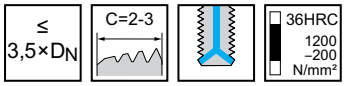
Solid carbide machine thread formers

TC470 Supreme mm



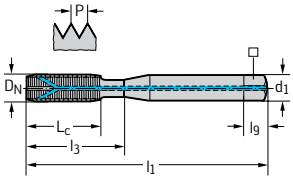
– For long-chipping materials

M DIN 13	6HX		



	P	M	K	N	S	H	O
WG20EL	●●		●	●			

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N	WG20EL
TC470-M6-C2-	M 6	1	80	10	30	6	4,9	8	5	☹
TC470-M8-C2-	M 8	1,25	90	12	35	8	6,2	9	6	☹

Ordering example for the grade WG20EL: TC470-M6-C2-WG20EL

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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HSS-E machine thread formers

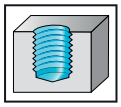
TC410 Advance mm



– For long-chipping materials

MF
DIN 13

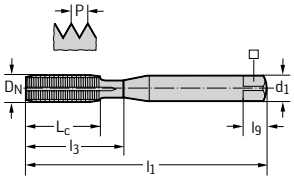
6HX



≤ 3,5×D_N | C=2-3 | 36HRC 1200 –200 N/mm²

	P	M	K	N	S	H	O
WY80AD	●●	●●	●	●●	●		

DIN 2174

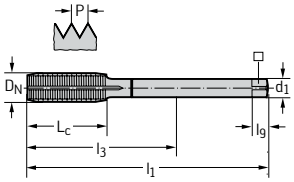


Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC410-M4X0.5-C6-	MF 4x0.5	0,5	63	12	21	4,5	3,4	6	5	●●
TC410-M5X0.5-C6-	MF 5x0.5	0,5	70	13	25	6	4,9	8	5	●●
TC410-M6X0.5-C6-	MF 6x0.5	0,5	80	15	30	6	4,9	8	5	●●
TC410-M6X0.75-C6-	MF 6x0.75	0,75	80	15	30	6	4,9	8	5	●●
TC410-M7X0.75-C6-	MF 7x0.75	0,75	80	15	30	7	5,5	8	5	●●

Ordering example for the grade WY80AD: TC410-M4X0.5-C6-WY80AD

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC410-M8X0.5-L6-	MF 8x0.5	0,5	80	15	57	6	4,9	8	5	●●
TC410-M8X0.75-L6-	MF 8x0.75	0,75	80	15	57	6	4,9	8	5	●●
TC410-M8X1-L6-	MF 8x1	1	90	18	67	6	4,9	8	5	●●
TC410-M10X1-L6-	MF 10x1	1	90	20	67	7	5,5	8	6	●●
TC410-M10X1.25-L6-	MF 10x1.25	1,25	100	20	77	7	5,5	8	6	●●
TC410-M12X1-L6-	MF 12x1	1	100	21	73	9	7	10	6	●●
TC410-M12X1.25-L6-	MF 12x1.25	1,25	100	21	73	9	7	10	6	●●
TC410-M12X1.5-L6-	MF 12x1.5	1,5	100	21	73	9	7	10	6	●●
TC410-M14X1.5-L6-	MF 14x1.5	1,5	100	21	71	11	9	12	6	●●
TC410-M16X1.5-L6-	MF 16x1.5	1,5	100	21	58	12	9	12	6	●●
TC410-M18X1.5-L6-	MF 18x1.5	1,5	110	24	66	14	11	14	7	●●
TC410-M20X1.5-L6-	MF 20x1.5	1,5	125	24	80	16	12	15	7	●●
TC410-M20X2-L6-	MF 20x2	2	140	30	95	16	12	15	7	●●
TC410-M22X1.5-L6-	MF 22x1.5	1,5	125	24	78	18	14,5	17	7	●●
TC410-M24X1.5-L6-	MF 24x1.5	1,5	140	26	93	18	14,5	17	8	●●
TC410-M24X2-L6-	MF 24x2	2	140	26	93	18	14,5	17	8	●●
TC410-M27X1.5-L6-	MF 27x1.5	1,5	140	26	77	20	16	19	8	●●
TC410-M27X2-L6-	MF 27x2	2	140	26	77	20	16	19	8	●●
TC410-M30X2-L6-	MF 30x2	2	150	26	85	22	18	21	8	●●

Ordering example for the grade WY80AD: TC410-M10X1-L6-WY80AD

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

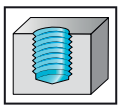
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HSS-E machine thread formers

TC410 Advance mm



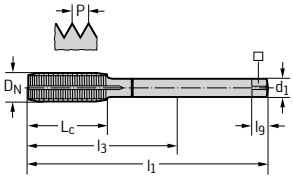
– For long-chipping materials

MF DIN 13	6GX	

≤ 3,5×D_N	E=1,5-2	36HRC 1200 –200 N/mm²

	P	M	K	N	S	H	O
WY80AD	●●	●	●	●●	●		

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC410-M10X1-NE-	MF 10x1	1	90	20	67	7	5,5	8	6	☒
TC410-M12X1.5-NE-	MF 12x1.5	1,5	100	21	73	9	7	10	6	☒
TC410-M14X1.5-NE-	MF 14x1.5	1,5	100	21	71	11	9	12	7	☒
TC410-M16X1.5-NE-	MF 16x1.5	1,5	100	21	58	12	9	12	7	☒

Ordering example for the grade WY80AD: TC410-M10X1-NE-WY80AD

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☒ machining conditions

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HSS-E-PM machine thread formers

TC420 Supreme mm



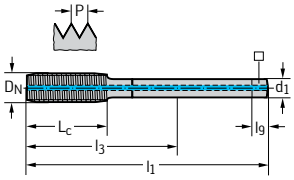
– For long-chipping materials

MF	6HX	
DIN 13		

≤ 3,5×D_N | C=2-3 | | 36HRC 1200 –200 N/mm²

	P	M	K	N	S	H	O
WW60AD	●●	●●	●	●●	●		

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD
TC420-M8X1-L1-	MF 8x1	1	90	12	67	6	4,9	8	5	☹
TC420-M10X1-L1-	MF 10x1	1	90	12	67	7	5,5	8	6	☹
TC420-M12X1.5-L1-	MF 12x1.5	1,5	100	13	73	9	7	10	6	☹
TC420-M14X1.5-L1-	MF 14x1.5	1,5	100	15	71	11	9	12	6	☹

Ordering example for the grade WW60AD: TC420-M10X1-L1-WW60AD

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

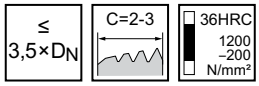
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HSS-E-PM machine thread formers

TC420 Supreme mm



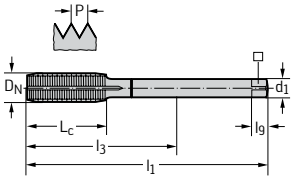
– For long-chipping materials



MF DIN 13	6HX		

	P	M	K	N	S	H	O
WW60AD	●●	●●	●	●●	●		
WW60BA	●●	●●	●	●●	●		

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60BA
TC420-M8X1-L6-	MF 8x1	1	90	12	67	6	4,9	8	5	☹	☹
TC420-M10X1-L6-	MF 10x1	1	90	12	67	7	5,5	8	6	☹	☹
TC420-M12X1-L6-	MF 12x1	1	100	13	73	9	7	10	6	☹	☹
TC420-M12X1.5-L6-	MF 12x1.5	1,5	100	13	73	9	7	10	6	☹	☹
TC420-M14X1-L6-	MF 14x1	1	100	15	71	11	9	12	6	☹	
TC420-M14X1.5-L6-	MF 14x1.5	1,5	100	15	71	11	9	12	6	☹	☹
TC420-M16X1.5-L6-	MF 16x1.5	1,5	100	15	58	12	9	12	6	☹	☹

Ordering example for the grade WW60AD: TC420-M10X1-L6-WW60AD

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

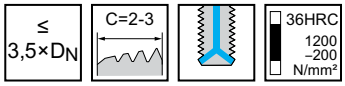
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HSS-E-PM machine thread formers

TC420 Supreme mm

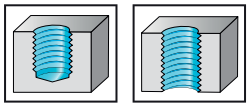


– For long-chipping materials



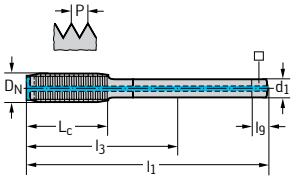
MF
DIN 13

6HX



	P	M	K	N	S	H	O
WW60AD	●●	●●	●	●●	●		
WW60BA	●●	●●	●	●●	●		

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60BA
TC420-M8X1-L2-	MF 8x1	1	90	12	67	6	4,9	8	5	☹	☹
TC420-M10X1-L2-	MF 10x1	1	90	12	67	7	5,5	8	6	☹	☹
TC420-M12X1-L2-	MF 12x1	1	100	13	73	9	7	10	6	☹	☹
TC420-M12X1.5-L2-	MF 12x1.5	1,5	100	13	73	9	7	10	6	☹	☹
TC420-M14X1.5-L2-	MF 14x1.5	1,5	100	15	71	11	9	12	6	☹	☹
TC420-M16X1.5-L2-	MF 16x1.5	1,5	100	15	58	12	9	12	6	☹	☹

Ordering example for the grade WW60AD: TC420-M10X1-L2-WW60AD

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E-PM machine thread formers

TC420 Supreme mm

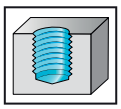


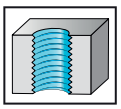
– For long-chipping materials

≤ 3,5×D_N | C=2-3 | 36HRC 1200 –200 N/mm²

MF
DIN 13

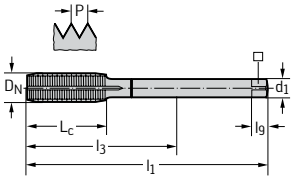
6GX





	P	M	K	N	S	H	O
WW60AD	●●	●●	●	●●	●		
WW60BA	●●	●●	●	●●	●		

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60BA
TC420-M8X1-N6-	MF 8x1	1	90	12	67	6	4,9	8	5	☹	
TC420-M10X1-N6-	MF 10x1	1	90	12	67	7	5,5	8	6	☹	☹
TC420-M12X1-N6-	MF 12x1	1	100	13	73	9	7	10	6	☹	
TC420-M12X1.5-N6-	MF 12x1.5	1,5	100	13	73	9	7	10	6	☹	
TC420-M14X1.5-N6-	MF 14x1.5	1,5	100	15	71	11	9	12	6	☹	☹
TC420-M16X1.5-N6-	MF 16x1.5	1,5	100	15	58	12	9	12	6	☹	☹

Ordering example for the grade WW60AD: TC420-M10X1-N6-WW60AD

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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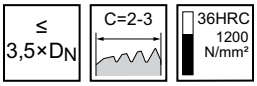
HSS-E machine thread formers

mm

Protodyn® S Synchrospeed

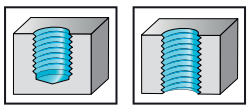


– For long-chipping materials
– Only for synchronous machining (rigid tapping)



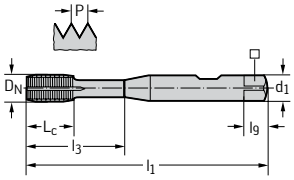
MF
DIN 13

6HX



	P	M	K	N	S	H	O
TIN	●●	●●		●●	●		

~DIN 2174



Parallel shank

Designation TIN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h6 mm	□ mm	l_9 mm	N
S2166305-M8X1	MF 8x1	1	90	6	35	8	6,2	9	5
S2166305-M10X1	MF 10x1	1	90	6	39	10	8	11	5

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E-PM machine thread formers

TC430 Supreme mm

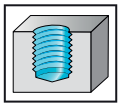


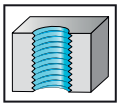
– For long-chipping materials
– ISO M only with oil

≤ 3,5×D_N | C=2-3 | 36HRC 1200 –200 N/mm²

MF
DIN 13

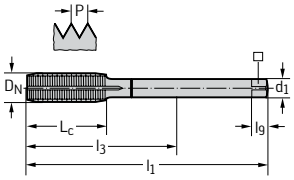
6HX





	P	M	K	N	S	H	O
WW60AD	●●	●	●	●			
WW60EL	●●	●	●	●			

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60EL
TC430-M8X1-L6-	MF 8x1	1	90	12	67	6	4,9	8	6	☹	☹
TC430-M10X1-L6-	MF 10x1	1	90	12	67	7	5,5	8	7		☹
TC430-M12X1.25-L6-	MF 12x1.25	1,25	100	13	73	9	7	10	8	☹	☹
TC430-M12X1.5-L6-	MF 12x1.5	1,5	100	13	73	9	7	10	8		☹
TC430-M14X1.5-L6-	MF 14x1.5	1,5	100	15	71	11	9	12	8		☹

Ordering example for the grade WW60EL: TC430-M10X1-L6-WW60EL

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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HSS-E-PM machine thread formers

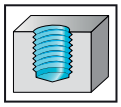
TC430 Supreme mm



– For long-chipping materials
– ISO M only with oil

MF
DIN 13

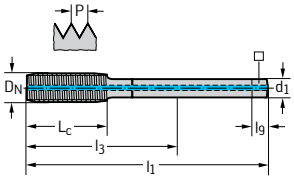
6HX



≤ 3,5×D_N | C=2-3 | 36HRC 1200 –200 N/mm²

	P	M	K	N	S	H	O
WW60AD	●●	●	●	●			

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD
TC430-M12X1.25-L1-	MF 12x1.25	1,25	100	13	73	9	7	10	8	☹
TC430-M12X1.5-L1-	MF 12x1.5	1,5	100	13	73	9	7	10	8	☹
TC430-M14X1.5-L1-	MF 14x1.5	1,5	100	15	71	11	9	12	8	☹
TC430-M16X1.5-L1-	MF 16x1.5	1,5	100	15	58	12	9	12	8	☹

Ordering example for the grade WW60AD: TC430-M12X1.25-L1-WW60AD

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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HSS-E-PM machine thread formers

TC430 Supreme mm

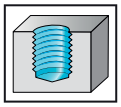


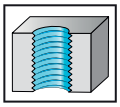
– For long-chipping materials
– ISO M only with oil

≤ 3,5×D_N | C=2-3 | 36HRC 1200 –200 N/mm²

MF
DIN 13

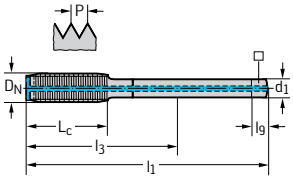
6HX





	P	M	K	N	S	H	O
WW60AD	●●	●	●	●			
WW60EL	●●	●	●	●			

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WW60AD	WW60EL
TC430-M8X1-L2-	MF 8x1	1	90	12	67	6	4,9	8	6	☹	☹
TC430-M10X1-L2-	MF 10x1	1	90	12	67	7	5,5	8	7	☹	☹
TC430-M10X1.25-L2-	MF 10x1.25	1,25	100	15	77	7	5,5	8	7	☹	☹
TC430-M12X1.25-L2-	MF 12x1.25	1,25	100	13	73	9	7	10	8	☹	☹
TC430-M12X1.5-L2-	MF 12x1.5	1,5	100	13	73	9	7	10	8		☹
TC430-M14X1.5-L2-	MF 14x1.5	1,5	100	15	71	11	9	12	8	☹	☹
TC430-M16X1.5-L2-	MF 16x1.5	1,5	100	15	58	12	9	12	8	☹	☹

Ordering example for the grade WW60AD: TC430-M10X1-L2-WW60AD

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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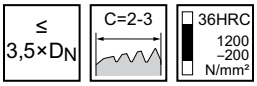
HSS-E machine thread formers

mm

Protodyn® SF

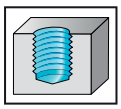


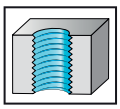
– For long-chipping materials



MF
DIN 13

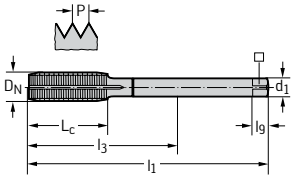
6HX





	P	M	K	N	S	H	O
TICN	●●	●●		●●	●		

DIN 2174



Parallel shank

Designation TICN	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
D7166706-M8X1	MF 8x1	1	90	18	67	6	4,9	8	5
D7166706-M10X1	MF 10x1	1	90	20	67	7	5,5	8	5
D7166706-M10X1.25	MF 10x1.25	1,25	100	20	77	7	5,5	8	5
D7166706-M12X1	MF 12x1	1	100	21	73	9	7	10	5
D7166706-M12X1.5	MF 12x1.5	1,5	100	21	73	9	7	10	5
D7166706-M14X1.5	MF 14x1.5	1,5	100	21	71	11	9	12	6
D7166706-M16X1.5	MF 16x1.5	1,5	100	21	58	12	9	12	6

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

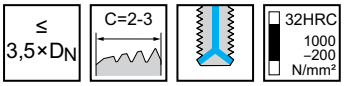
www.isotool.se
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HSS-E machine thread formers

TC440 Supreme mm

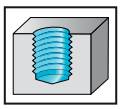


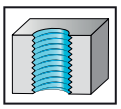
– For long-chipping materials
– For stainless steels when using emulsion



MF
DIN 13

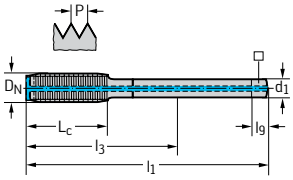
6HX





	P	M	K	N	S	H	O
WY80AD	●	●●		●	●		

DIN 2174



Parallel shank

Designation	D_N	P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC440-M8X1-L2-	MF 8x1	1	90	12	67	6	4,9	8	5	☹
TC440-M10X1-L2-	MF 10x1	1	90	12	67	7	5,5	8	5	☹
TC440-M12X1.5-L2-	MF 12x1.5	1,5	100	13	73	9	7	10	5	☹
TC440-M16X1.5-L2-	MF 16x1.5	1,5	100	15	58	12	9	12	6	☹
TC440-M18X1.5-L2-	MF 18x1.5	1,5	110	17	66	14	11	14	6	☹

Ordering example for the grade WY80AD: TC440-M10X1-L2-WY80AD

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

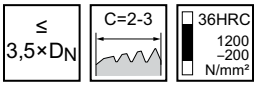
www.isotool.se
Tel. 044 - 24 55 70

HSS-E machine thread formers

TC410 Advance mm

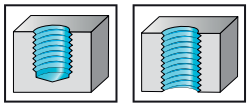


– For long-chipping materials



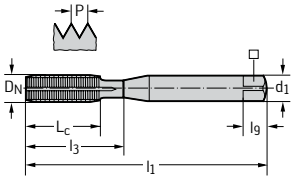
UNC
ASME B1.1

2BX



	P	M	K	N	S	H	O
WY80AD	●●	●●	●	●●	●		

DIN 2184-1

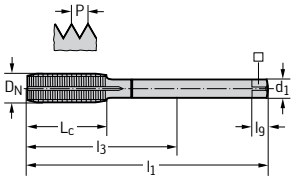


Parallel shank

Designation	D_N-P	D_N-P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC410-UNC2-C6-	UNC #2-56	2,184	45	7	12	2,8	2,1	5	3	
TC410-UNC4-C6-	UNC #4-40	2,845	56	9	18	3,5	2,7	6	3	
TC410-UNC6-C6-	UNC #6-32	3,505	56	11	20	4	3	6	4	
TC410-UNC8-C6-	UNC #8-32	4,166	63	12	21	4,5	3,4	6	5	
TC410-UNC10-C6-	UNC #10-24	4,826	70	13	25	6	4,9	8	5	
TC410-UNC1/4-C6-	UNC 1/4-20	6,35	80	15	30	7	5,5	8	5	
TC410-UNC5/16-C6-	UNC 5/16-18	7,938	90	18	35	8	6,2	9	5	
TC410-UNC3/8-C6-	UNC 3/8-16	9,525	100	20	39	10	8	11	5	

Ordering example for the grade WY80AD: TC410-UNC1/4-C6-WY80AD

DIN 2184-1



Parallel shank

Designation	D_N-P	D_N-P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC410-UNC7/16-L6-	UNC 7/16-14	11,113	100	20	76	8	6,2	9	6	
TC410-UNC1/2-L6-	UNC 1/2-13	12,7	110	23	83	9	7	10	6	
TC410-UNC5/8-L6-	UNC 5/8-11	15,875	110	25	68	12	9	12	6	

Ordering example for the grade WY80AD: TC410-UNC1/2-L6-WY80AD

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

www.isotool.se
Tel. 044 - 24 55 70

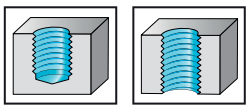
HSS-E machine thread formers

TC410 Advance mm



– For long-chipping materials

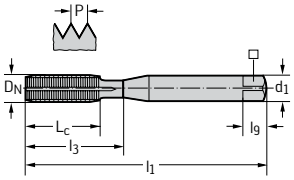
UNF ASME B1.1	2BX



≤ 3,5×D_N	C=2-3	36HRC 1200 –200 N/mm²

	P	M	K	N	S	H	O
WY80AD	●●	●●	●	●●	●		

DIN 2184-1

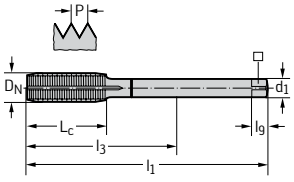


Parallel shank

Designation	D_N-P	D_N-P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC410-UNF2-C6-	UNF #2-64	2,184	45	7	12	2,8	2,1	5	3	☹
TC410-UNF6-C6-	UNF #6-40	3,505	56	11	20	4	3	6	4	☹
TC410-UNF10-C6-	UNF #10-32	4,826	70	13	25	6	4,9	8	5	☹
TC410-UNF1/4-C6-	UNF 1/4-28	6,35	80	15	30	7	5,5	8	5	☹
TC410-UNF5/16-C6-	UNF 5/16-24	7,938	90	18	35	8	6,2	9	5	☹
TC410-UNF3/8-C6-	UNF 3/8-24	9,525	90	20	39	10	8	11	5	☹

Ordering example for the grade WY80AD: TC410-UNF1/4-C6-WY80AD

DIN 2184-1



Parallel shank

Designation	D_N-P	D_N-P mm	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC410-UNF7/16-L6-	UNF 7/16-20	11,113	100	20	76	8	6,2	9	6	☹
TC410-UNF1/2-L6-	UNF 1/2-20	12,7	100	21	73	9	7	10	6	☹
TC410-UNF5/8-L6-	UNF 5/8-18	15,875	100	21	58	12	9	12	6	☹

Ordering example for the grade WY80AD: TC410-UNF1/2-L6-WY80AD

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

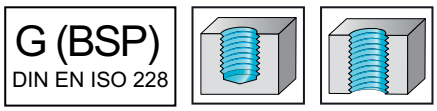
www.isotool.se
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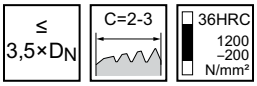
HSS-E machine thread formers

TC410 Advance mm



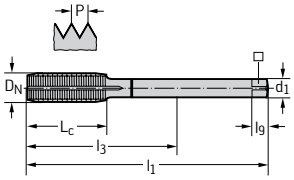
– For long-chipping materials





	P	M	K	N	S	H	O
WY80AD	●●	●●	●	●●	●		

DIN 2189



Parallel shank

Designation	D_N-P	D_N-P mm	Gear per inch	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N	WY80AD
TC410-G1/8-N6-	G 1/8-28	9,728	28	90	20	67	7	5,5	8	5	●●
TC410-G1/4-N6-	G 1/4-19	13,157	19	100	21	71	11	9	12	6	●●
TC410-G3/8-N6-	G 3/8-19	16,662	19	100	21	58	12	9	12	6	●●
TC410-G1/2-N6-	G 1/2-14	20,955	14	125	24	80	16	12	15	7	●●
TC410-G3/4-N6-	G 3/4-14	26,441	14	140	26	77	20	16	19	8	●●
TC410-G1-N6-	G 1"-11	33,249	11	160	28	93	25	20	23	8	●●

Ordering example for the grade WY80AD: TC410-G1-N6-WY80AD

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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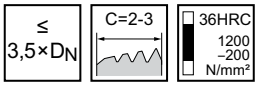
HSS-E machine thread formers

mm

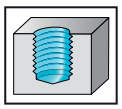
Protodyn® SF

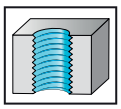


– For long-chipping materials



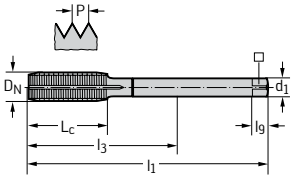
G (BSP)
DIN EN ISO 228





	P	M	K	N	S	H	O
TICN	●●	●●		●●	●		

DIN 2189



Parallel shank

Designation TICN	D_N-P	D_N-P mm	Gear per inch	l_1 mm	L_c mm	l_3 mm	d_1 h9 mm	□ mm	l_9 mm	N
D7466706-G1/8	G 1/8-28	9,728	28	90	20	67	7	5,5	8	5
D7466706-G1/4	G 1/4-19	13,157	19	100	21	71	11	9	12	6
D7466706-G3/8	G 3/8-19	16,662	19	100	21	58	12	9	12	6
D7466706-G1/2	G 1/2-14	20,955	14	125	24	80	16	12	15	7

C2

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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Thread milling cutters without countersink

Machining					
Thread depth	1,5 x D_N	1,5 x D_N	1,5 x D_N	2 x D_N	2 x D_N
		NEW			
					
Designation	TC610 Supreme	TD610 Supreme	TMG Ni	TC611 Supreme	TC620 Supreme
Thread type					
M	✔	✔		✔	✔
MF	✔	✔		✔	✔
UNC / UNF / UN-8	✔	✔		✔	✔
G / Rc / Rp	✔				✔
MJ / UNJC / UNJF			✔		
NPT / NPTF					
Pg / BSW / Tr					
Indexable inserts basic shape	✔	✔	✔	✔	✔
Additional services	R	R	R	R	R
Coolant supply	External / axial	External / axial	External / axial	External / axial	axial
Coating / grade	WB10RD / WJ30RC	WB10TU	TICN	WB10RD / WJ30RC	WB10TJ
Cutting tool material	VHM	VHM	VHM	VHM	VHM
P Steel	●●	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●	●●
K Cast iron	●●	●●		●●	●●
N NF metals	●●	●●	●	●●	●●
S Materials with difficult cutting properties	●●	●●	●●	●●	●●
H Hard materials					
O Other	●	●	●	●	●
Page in catalogue	402	400	436	406	404
QR code					
www.walter-tools.com/woc/	TC610	TD610	tmg-ni	TC611	TC620

WALTER SELECT ●● Primary application ● Other application

www.isotool.se
Tel. 044 - 24 55 70

Thread milling cutters without countersink

Machining			
Thread depth	2 x D_N	2,5 x D_N	3 x D_N
		NEW	
				
Designation	TME	TC620 Supreme	TC620 Supreme	TMG
Thread type				
M	✔	✔	✔	
MF	✔	✔	✔	
UNC / UNF / UN-8		✔		
G / Rc / Rp				
MJ / UNJC / UNJF		✔		
NPT / NPTF				✔
Pg / BSW / Tr				
Indexable inserts basic shape	✔	✔	✔	
Additional services	R	R	R	R
Coolant supply	External	axial	axial	External
Coating / grade	TICN	WB10RA / WB10TJ	WB10TJ	TICN
Cutting tool material	VHM	VHM	VHM	VHM
P Steel	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●
K Cast iron	●●	●●	●●	●●
N NF metals	●●	●●	●●	●●
S Materials with difficult cutting properties	●●	●●	●●	●●
H Hard materials				
O Other	●	●	●	●
Page in catalogue	**417**	**408**	**410**	**446**
QR code				
www.walter-tools.com/woc/	tme	TC620	TC620	tmg

C3

WALTER SELECT

●● Primary application ● Other application

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Tel. 044 - 24 55 70

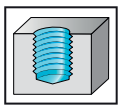
Solid carbide thread milling cutters

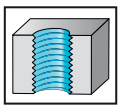
TD610 Supreme

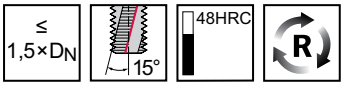


– Universal thread milling cutters

M-MF
DIN 13

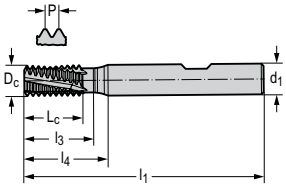






	P	M	K	N	S	H	O
WB10TU	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	P mm	D_c mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TU
★ TD610-M4-W0C-	M 4	0,7	3,1	6,3	57	21	6	3	
★ TD610-M5-W0C-	M 5	0,8	3,9	8	53	17	6	3	
★ TD610-M6-W0C-	M 6	1	4,7	9	57	21	6	4	
★ TD610-M8-W0C-	M 8	1,25	6	12,5	57	21	6	4	
★ TD610-M10-W0C-	M 10	1,5	7,9	15	63	27	8	4	
★ TD610-M12-W0C-	M 12	1,75	9,6	19,3	72	32	10	4	
★ TD610-M14-W0C-	M 14	2	11,2	22	83	38	12	5	
★ TD610-M16-W0C-	M 16	2	13,1	24	83	38	14	6	
★ TD610-M20-W0C-	M 20	2,5	16,4	30	94	46	18	6	

Ordering example for the grade WB10TU: TD610-M10-W0C-WB10TU

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

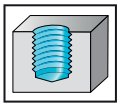
www.isotool.se
Tel. 044 - 24 55 70

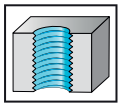
Solid carbide thread milling cutters
TD610 Supreme



– Universal thread milling cutters

M-MF
DIN 13

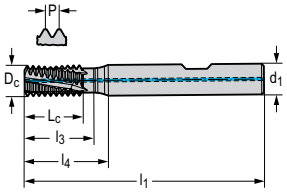




≤ 1,5×D_N | 15° | 48HRC | R

	P	M	K	N	S	H	O
WB10TU	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	P mm	D_c mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TU
★ TD610-M4-W1C-	M 4	0,7	3,1	6,3	57	21	6	3	☺
★ TD610-M5-W1C-	M 5	0,8	3,9	8	57	21	6	3	☺
★ TD610-M6-W1C-	M 6	1	4,7	9	57	21	6	4	☺
★ TD610-M8-W1C-	M 8	1,25	6	12,5	57	21	6	4	☺
★ TD610-M10-W1C-	M 10	1,5	7,9	15	63	27	8	4	☺
★ TD610-M12-W1C-	M 12	1,75	9,6	19,3	72	32	10	4	☺
★ TD610-M14-W1C-	M 14	2	11,2	22	83	38	12	5	☺
★ TD610-M16-W1C-	M 16	2	13,1	24	83	38	14	6	☺
★ TD610-M20-W1C-	M 20	2,5	16,4	30	94	46	18	6	☺

Ordering example for the grade WB10TU: TD610-M10-W1C-WB10TU

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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Tel. 044 - 24 55 70

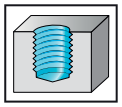
Solid carbide thread milling cutters

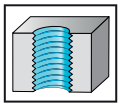
TC610 Supreme

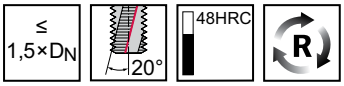


– Universal thread milling cutters

M-MF
DIN 13

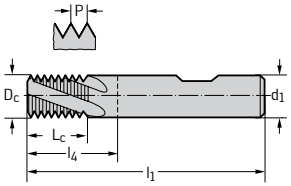






	P	M	K	N	S	H	O
WJ30RC	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	P mm	D_c mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30RC
TC610-M6-W0-	M 6	1	4,5	9	57	21	6	4	
TC610-M8-W0-	M 8	1,25	6	12,5	57	21	6	4	
TC610-M10-W0-	M 10	1,5	7,5	15	63	27	8	4	
TC610-M12-W0-	M 12	1,75	9,5	19,3	72	32	10	4	
TC610-M14-W0-	M 14	2	10	22	72	32	10	4	
TC610-M16-W0-	M 16	2	12	24	83	38	12	5	
TC610-M20-W0-	M 20	2,5	16	30	92	44	16	6	
TC610-M24-W0-	M 24	3	19	36	104	54	20	6	

Ordering example for the grade WJ30RC: TC610-M10-W0-WJ30RC

C3

WALTER SELECT

●● Primary application ● Other application

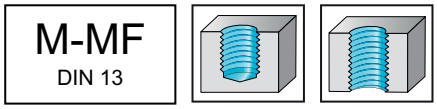
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

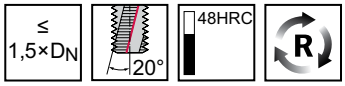
www.isotool.se
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Solid carbide thread milling cutters
TC610 Supreme



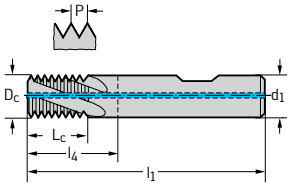
– Universal thread milling cutters





	P	M	K	N	S	H	O
WB10RD	●●	●●	●●	●●	●●		●
WJ30RC	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	P mm	D_c mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10RD	WJ30RC
TC610-M6-W1-	M 6	1	4,5	9	57	21	6	4	☺	☺
TC610-M8-W1-	M 8	1,25	6	12,5	57	21	6	4	☺	☺
TC610-M10-W1-	M 10	1,5	7,5	15	63	27	8	4	☺	☺
TC610-M12-W1-	M 12	1,75	9,5	19,3	72	32	10	4		☺
TC610-M14-W1-	M 14	2	10	22	72	32	10	4		☺
TC610-M16-W1-	M 16	2	12	24	83	38	12	5	☺	☺
TC610-M20-W1-	M 20	2,5	16	30	92	44	16	6		☺
TC610-M24-W1-	M 24	3	19	36	104	54	20	6		☺

Ordering example for the grade WB10RD: TC610-M10-W1-WB10RD

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

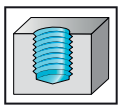
www.isotool.se
Tel. 044 - 24 55 70

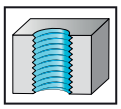
Multiple-row thread milling cutters
TC620 Supreme



– Universal multiple-row thread milling cutters
– For high cutting speeds and high feeds per tooth

M-MF
DIN 13

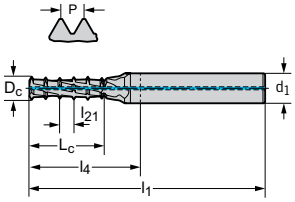




≤ 2×D_N | 20° | 48HRC | R

	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HA

Designation	D_N	P mm	D_c mm	l_{21} mm	L_c mm	l_4 mm	l_1 mm	d_1 h6 mm	Z	WB10TJ
TC620-M4-A1D-	M 4	0,7	3,1	1,4	8,4	21	57	6	3	☺
TC620-M5-A1D-	M 5	0,8	3,9	1,6	10,4	21	57	6	3	☺
TC620-M6-A1D-	M 6	1	4,7	2	12	21	57	6	4	☺
TC620-M8-A1D-	M 8	1,25	6,3	2,5	16,3	27	63	8	4	☺
TC620-M10-A1D-	M 10	1,5	7,9	3	21	27	63	8	4	☺
TC620-M12-A1D-	M 12	1,75	9,6	3,5	24,5	32	72	10	4	☺
TC620-M14-A1D-	M 14	2	11,2	4	28	38	83	12	4	☺
TC620-M16-A1D-	M 16	2	13,1	4	32	44	92	16	5	☺
TC620-M20-A1D-	M 20	2,5	16,4	5	40	58	106	18	5	☺

Ordering example for the grade WB10TJ: TC620-M10-A1D-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

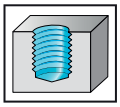
www.isotool.se
Tel. 044 - 24 55 70

Multiple-row thread milling cutters
TC620 Supreme



– Universal multiple-row thread milling cutters
– For high cutting speeds and high feeds per tooth

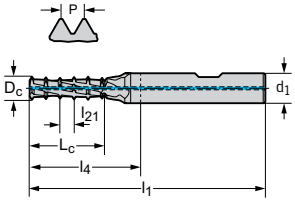
M-MF
DIN 13



≤ 2×D_N | 15° | 48HRC | DeVibe | R

	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	P mm	D_c mm	l_{21} mm	L_c mm	l_4 mm	l_1 mm	d_1 h6 mm	Z	WB10TJ
TC620-M4-W5D-	M 4	0,7	3,1	1,4	8	21	57	6	3	☺
TC620-M5-W5D-	M 5	0,8	3,9	1,6	10	21	57	6	3	☺
TC620-M6-W5D-	M 6	1	4,7	2	12	21	57	6	4	☺
TC620-M8-W5D-	M 8	1,25	6,3	2,5	16,3	27	63	8	4	☺
TC620-M10-W5D-	M 10	1,5	7,9	3	21	32	68	8	4	☺
TC620-M12-W5D-	M 12	1,75	9,6	3,5	24,5	38	78	10	4	☺
TC620-M14-W5D-	M 14	2	11,2	4	28	45	90	12	4	☺
TC620-M16-W5D-	M 16	2	13,1	4	32	44	92	16	5	☺
TC620-M18-W5D-	M 18	2,5	14,5	5	37,5	52	100	16	5	☺
TC620-M20-W5D-	M 20	2,5	16,4	5	40	57	105	18	5	☺

Ordering example for the grade WB10TJ: TC620-M10-W5D-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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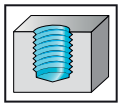
Solid carbide thread milling cutters

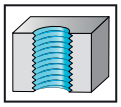
TC611 Supreme



– Universal thread milling cutters

M-MF
DIN 13

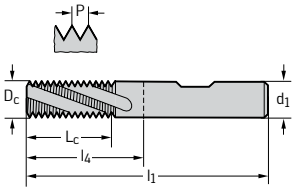




≤ 2×D_N | 20° | 48HRC | R

	P	M	K	N	S	H	O
WJ30RC	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	P mm	D_c mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30RC
TC611-M6-W0-	M 6	1	4,5	12	57	21	6	4	☺
TC611-M8-W0-	M 8	1,25	6	16,3	57	21	6	4	☺
TC611-M10-W0-	M 10	1,5	7,5	21	63	27	8	4	☺
TC611-M12-W0-	M 12	1,75	9,5	24,5	72	32	10	4	☺
TC611-M14-W0-	M 14	2	10	28	80	40	10	4	☺
TC611-M16-W0-	M 16	2	12	32	89	44	12	5	☺
TC611-M20-W0-	M 20	2,5	16	40	105	57	16	6	☺
TC611-M24-W0-	M 24	3	19	48	118	68	20	6	☺

Ordering example for the grade WJ30RC: TC611-M10-W0-WJ30RC

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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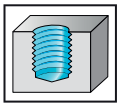
Solid carbide thread milling cutters
TC611 Supreme



– Universal thread milling cutters

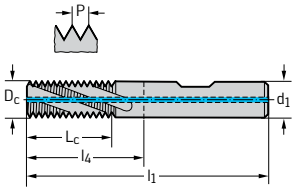
≤ 2×D_N | 20° | 48HRC | R

M-MF
DIN 13



	P	M	K	N	S	H	O
WB10RD	●●	●●	●●	●●	●●		●
WJ30RC	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	P mm	D_c mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10RD	WJ30RC
TC611-M6-W1-	M 6	1	4,5	12	57	21	6	4	☺	☺
TC611-M8-W1-	M 8	1,25	6	16,3	57	21	6	4	☺	☺
TC611-M10-W1-	M 10	1,5	7,5	21	63	27	8	4	☺	☺
TC611-M12-W1-	M 12	1,75	9,5	24,5	72	32	10	4	☺	☺
TC611-M14-W1-	M 14	2	10	28	80	40	10	4		☺
TC611-M16-W1-	M 16	2	12	32	89	44	12	5	☺	☺
TC611-M20-W1-	M 20	2,5	16	40	105	57	16	6	☺	☺
TC611-M24-W1-	M 24	3	19	48	118	68	20	6		☺

Ordering example for the grade WB10RD: TC611-M10-W1-WB10RD

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

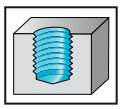
www.isotool.se
Tel. 044 - 24 55 70

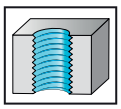
Multiple-row thread milling cutters
TC620 Supreme



– Universal multiple-row thread milling cutters
– For high cutting speeds and high feeds per tooth

M-MF
DIN 13

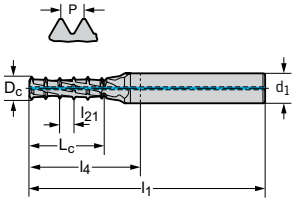




≤ 2,5×D_N | 20° | 48HRC | R

	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HA

Designation	D_N	P mm	D_c mm	l_{21} mm	L_c mm	l_4 mm	l_1 mm	d_1 h6 mm	Z	WB10TJ
TC620-M4-A1E-	M 4	0,7	3,1	2,1	10,5	21	57	6	3	☺
TC620-M5-A1E-	M 5	0,8	3,9	2,4	12,8	21	57	6	3	☺
TC620-M6-A1E-	M 6	1	4,7	3	15	21	57	6	4	☺
TC620-M8-A1E-	M 8	1,25	6,3	3,75	20	27	63	8	4	☺
TC620-M10-A1E-	M 10	1,5	7,9	4,5	27	36	72	8	4	☺
TC620-M12-A1E-	M 12	1,75	9,6	5,25	31,5	43	83	10	4	☺
TC620-M14-A1E-	M 14	2	11,2	6	36	55	100	12	4	☺
TC620-M16-A1E-	M 16	2	13,1	6	42	58	106	16	5	☺
TC620-M20-A1E-	M 20	2,5	16,4	7,5	52,5	68	116	18	5	☺

Ordering example for the grade WB10TJ: TC620-M10-A1E-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

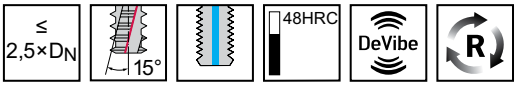
New addition to the product range = ☺ 😐 ☹ / ★

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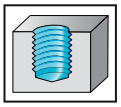
Multiple-row thread milling cutters
TC620 Supreme

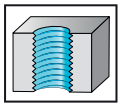


– Universal multiple-row thread milling cutters
– For high cutting speeds and high feeds per tooth



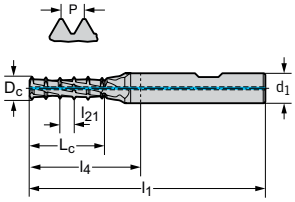
M-MF
DIN 13





	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	P mm	D_c mm	l_{21} mm	L_c mm	l_4 mm	l_1 mm	d_1 h6 mm	Z	WB10TJ
TC620-M4-W5E-	M 4	0,7	3,1	2,1	10	21	57	6	3	☺
TC620-M5-W5E-	M 5	0,8	3,9	2,4	12,5	21	57	6	3	☺
TC620-M6-W5E-	M 6	1	4,7	3	15	21	57	6	4	☺
TC620-M8-W5E-	M 8	1,25	6,3	3,75	20	32	68	8	4	☺
TC620-M10-W5E-	M 10	1,5	7,9	4,5	27	39	75	8	4	☺
TC620-M12-W5E-	M 12	1,75	9,6	5,25	31,5	45	85	10	4	☺
TC620-M14-W5E-	M 14	2	11,2	6	36	55	100	12	4	☺
TC620-M16-W5E-	M 16	2	13,1	6	42	58	106	16	5	☺
TC620-M18-W5E-	M 18	2,5	14,5	7,5	45	60	108	16	5	☺
TC620-M20-W5E-	M 20	2,5	16,4	7,5	52,5	67	115	18	5	☺

Ordering example for the grade WB10TJ: TC620-M10-W5E-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

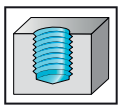
www.isotool.se
Tel. 044 - 24 55 70

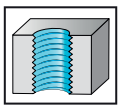
Multiple-row thread milling cutters
TC620 Supreme



– Universal multiple-row thread milling cutters
– For high cutting speeds and high feeds per tooth

M-MF
DIN 13

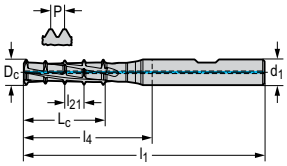




≤ 3×D_N | 15° | 48HRC | DeVibe | R

	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	P mm	D_c mm	l_{21} mm	L_c mm	l_4 mm	l_1 mm	d_1 h6 mm	Z	WB10TJ
TC620-M4-W5F-	M 4	0,7	3,1	2,8	13,4	21	57	6	3	☺
TC620-M5-W5F-	M 5	0,8	3,9	3,2	16	21	57	6	3	☺
TC620-M6-W5F-	M 6	1	4,7	4	19,3	29	65	6	4	☺
TC620-M8-W5F-	M 8	1,25	6,3	5	25,6	46	71	8	4	☺
TC620-M10-W5F-	M 10	1,5	7,9	6	31,8	47	78	8	4	☺
TC620-M12-W5F-	M 12	1,75	9,6	7	39,4	47	88	10	4	☺
TC620-M14-W5F-	M 14	2	11,2	8	45,8	60	101	12	4	☺
TC620-M16-W5F-	M 16	2	13,1	8	50,3	62	116	16	5	☺
TC620-M18-W5F-	M 18	2,5	14,5	10	56,8	72	116	16	5	☺
TC620-M20-W5F-	M 20	2,5	16,4	10	62,8	77	130	18	5	☺

Ordering example for the grade WB10TJ: TC620-M10-W5F-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

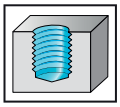
www.isotool.se
Tel. 044 - 24 55 70

Solid carbide thread milling cutters
TD610 Supreme



– Universal thread milling cutters

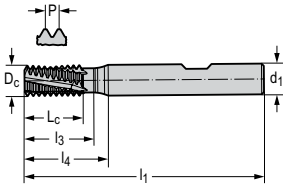
MF
DIN 13



≤ 1,5×D_N | 15° | 48HRC | R

	P	M	K	N	S	H	O
WB10TU	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	P mm	D_c mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TU
★ TD610-M4X0.5-W0C-	MF 4X0.5	0,5	3,2	6	51	15	6	4	
★ TD610-M6X0.75-W0C-	MF 6X0.75	0,75	4,9	9	57	21	6	4	
★ TD610-M6X0.5-W0C-	MF 6X0.5	0,5	5,1	9	51	15	6	5	
★ TD610-M8X1-W0C-	MF 8X1	1	6,5	12	63	27	8	5	
★ TD610-M8X0.75-W0C-	MF 8X0.75	0,75	6,8	12	56	20	8	5	
★ TD610-M10X1-W0C-	MF 10X1	1	8,4	15	65	25	10	5	
★ TD610-M10X0.5-W0C-	MF 10X0.5	0,5	8,9	15	62	22	10	7	
★ TD610-M12X1.5-W0C-	MF 12X1.5	1,5	9,8	18	72	32	10	5	
★ TD610-M12X1-W0C-	MF 12X1	1	10	18	72	32	10	6	
★ TD610-M12X1.25W0C-	MF 12X1.25	1,25	10	18,8	72	32	10	6	
★ TD610-M14X1.5-W0C-	MF 14X1.5	1,5	11,7	21	83	38	12	6	
★ TD610-M14X1-W0C-	MF 14X1	1	12	21	74	29	12	7	
★ TD610-M16X1.5-W0C-	MF 16X1.5	1,5	13,6	24	83	38	14	6	
★ TD610-M16X1-W0C-	MF 16X1	1	14	24	83	38	14	7	
★ TD610-M18X1.5-W0C-	MF 18X1.5	1,5	15,5	27	92	44	16	7	
★ TD610-M18X1-W0C-	MF 18X1	1	15,9	27	92	44	16	8	
★ TD610-M20X2-W0C-	MF 20X2	2	16,9	30	92	44	18	6	

Ordering example for the grade WB10TU: TD610-M10X0.5-W0C-WB10TU

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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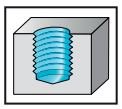
Solid carbide thread milling cutters

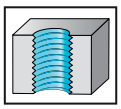
TD610 Supreme

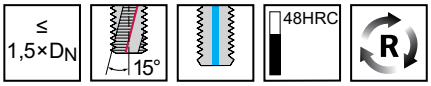


– Universal thread milling cutters

MF
DIN 13

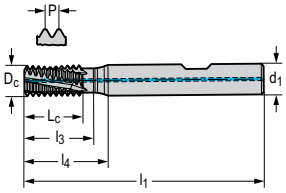






	P	M	K	N	S	H	O
WB10TU	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	P mm	D_c mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TU
★ TD610-M4X0.5-W1C-	MF 4X0.5	0,5	3,2	6	51	15	6	4	☻
★ TD610-M6X0.75-W1C-	MF 6X0.75	0,75	4,9	9	57	21	6	4	☻
★ TD610-M6X0.5-W1C-	MF 6X0.5	0,5	5,1	9	51	15	6	5	☻
★ TD610-M8X1-W1C-	MF 8X1	1	6,5	12	63	27	8	5	☻
★ TD610-M8X0.75-W1C-	MF 8X0.75	0,75	6,8	12	56	20	8	5	☻
★ TD610-M10X1-W1C-	MF 10X1	1	8,4	15	65	25	10	5	☻
★ TD610-M10X0.5-W1C-	MF 10X0.5	0,5	8,9	15	62	22	10	7	☻
★ TD610-M12X1.5-W1C-	MF 12X1.5	1,5	9,8	18	72	32	10	5	☻
★ TD610-M12X1-W1C-	MF 12X1	1	10	18	72	32	10	6	☻
★ TD610-M12X1.25W1C-	MF 12X1.25	1,25	10	18,8	72	32	10	6	☻
★ TD610-M14X1.5-W1C-	MF 14X1.5	1,5	11,7	21	83	38	12	6	☻
★ TD610-M14X1-W1C-	MF 14X1	1	12	21	74	29	12	7	☻
★ TD610-M16X1.5-W1C-	MF 16X1.5	1,5	13,6	24	83	38	14	6	☻
★ TD610-M16X1-W1C-	MF 16X1	1	14	24	83	38	14	7	☻
★ TD610-M18X1.5-W1C-	MF 18X1.5	1,5	15,5	27	92	44	16	7	☻
★ TD610-M18X1-W1C-	MF 18X1	1	15,9	27	92	44	16	8	☻
★ TD610-M20X2-W1C-	MF 20X2	2	16,9	30	92	44	18	6	☻

Ordering example for the grade WB10TU: TD610-M10X0.5-W1C-WB10TU

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☻ → Average = 😐 → Poor = ☹ machining conditions

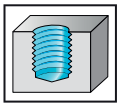
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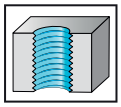
Solid carbide thread milling cutters
TC610 Supreme



– Universal thread milling cutters

M-MF
DIN 13

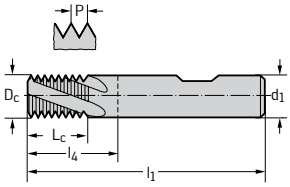




≤ 1,5×D_N | 20° | 48HRC | R

	P	M	K	N	S	H	O
WJ30RC	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	P mm	D_c mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30RC
TC610-M6X0.5-W0-	MF 6X0.5	0,5	4,8	9	57	21	6	5	☺
TC610-M8X0.75-W0-	MF 8X0.75	0,75	6	12	57	21	6	5	☺
TC610-M8X1-W0-	MF 8X1	1	6	12	57	21	6	4	☺
TC610-M10X0.5-W0-	MF 10X0.5	0,5	8	15	63	27	8	7	☺
TC610-M10X1-W0-	MF 10X1	1	8	15	63	27	8	5	☺
TC610-M12X1-W0-	MF 12X1	1	10	18	72	32	10	6	☺
TC610-M12X1.25-W0-	MF 12X1.25	1,25	10	18,8	72	32	10	6	☺
TC610-M12X1.5-W0-	MF 12X1.5	1,5	10	18	72	32	10	5	☺
TC610-M14X1-W0-	MF 14X1	1	12	21	83	38	12	7	☺
TC610-M14X1.5-W0-	MF 14X1.5	1,5	12	21	83	38	12	6	☺
TC610-M16X1-W0-	MF 16X1	1	14	24	83	38	14	7	☺
TC610-M16X1.5-W0-	MF 16X1.5	1,5	14	24	83	38	14	6	☺
TC610-M18X1-W0-	MF 18X1	1	16	27	92	44	16	8	☺
TC610-M18X1.5-W0-	MF 18X1.5	1,5	16	27	92	44	16	7	☺
TC610-M20X2-W0-	MF 20X2	2	16	30	92	44	16	6	☺
TC610-M24X2-W0-	MF 24X2	2	20	36	104	54	20	7	☺

Ordering example for the grade WJ30RC: TC610-M10X0.5-W0-WJ30RC

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

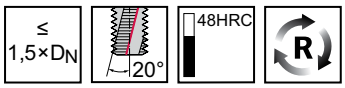
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Solid carbide thread milling cutters

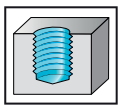
TC610 Supreme

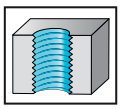


– Universal thread milling cutters



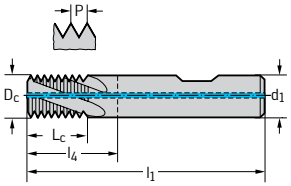
M-MF
DIN 13





	P	M	K	N	S	H	O
WB10RD	●●	●●	●●	●●	●●		●
WJ30RC	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	P mm	D_c mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30RC	WB10RD
TC610-M6X0.5-W1-	MF 6X0.5	0,5	4,8	9	57	21	6	5	😐	
TC610-M8X0.75-W1-	MF 8X0.75	0,75	6	12	57	21	6	5	😐	🙂
TC610-M8X1-W1-	MF 8X1	1	6	12	57	21	6	4	😐	
TC610-M10X0.5-W1-	MF 10X0.5	0,5	8	15	63	27	8	7	😐	
TC610-M10X1-W1-	MF 10X1	1	8	15	63	27	8	5	😐	🙂
TC610-M12X1-W1-	MF 12X1	1	10	18	72	32	10	6	😐	🙂
TC610-M12X1.25-W1-	MF 12X1.25	1,25	10	18,8	72	32	10	6	😐	
TC610-M12X1.5-W1-	MF 12X1.5	1,5	10	18	72	32	10	5	😐	🙂
TC610-M14X1-W1-	MF 14X1	1	12	21	83	38	12	7	😐	🙂
TC610-M14X1.5-W1-	MF 14X1.5	1,5	12	21	83	38	12	6	😐	🙂
TC610-M16X1-W1-	MF 16X1	1	14	24	83	38	14	7	😐	
TC610-M16X1.5-W1-	MF 16X1.5	1,5	14	24	83	38	14	6	😐	🙂
TC610-M18X1-W1-	MF 18X1	1	16	27	92	44	16	8	😐	
TC610-M18X1.5-W1-	MF 18X1.5	1,5	16	27	92	44	16	7	😐	🙂
TC610-M20X2-W1-	MF 20X2	2	16	30	92	44	16	6	😐	
TC610-M24X2-W1-	MF 24X2	2	20	36	104	54	20	7	😐	

Ordering example for the grade WJ30RC: TC610-M10X0.5-W1-WJ30RC

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = 🙂 → Average = 😐 → Poor = ☹ machining conditions

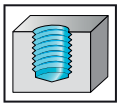
www.isotool.se
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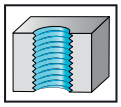
Multiple-row thread milling cutters
TC620 Supreme



– Universal multiple-row thread milling cutters
– For high cutting speeds and high feeds per tooth

MF
DIN 13

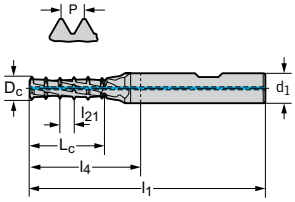




≤ 2×D_N | 20° | 48HRC | R

	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	P mm	D_c mm	l_{21} mm	L_c mm	l_4 mm	l_1 mm	d_1 h6 mm	Z	WB10TJ
TC620-M4X0.5-W1D-	MF 4X0.5	0,5	3,2	1	8	21	57	6	4	☺
TC620-M6X0.75-W1D-	MF 6X0.75	0,75	4,9	1,5	12	21	57	6	4	☺

Ordering example for the grade WB10TJ: TC620-M4X0.5-W1D-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

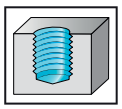
www.isotool.se
Tel. 044 - 24 55 70

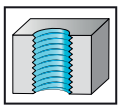
Multiple-row thread milling cutters
TC620 Supreme



– Universal multiple-row thread milling cutters
– For high cutting speeds and high feeds per tooth

MF
DIN 13

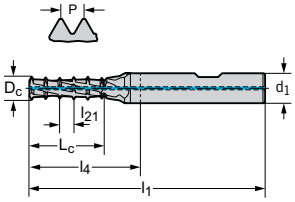




≤ 2×D_N | 15° | 48HRC | DeVibe | R

	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	P mm	D_c mm	l_{21} mm	L_c mm	l_4 mm	l_1 mm	d_1 h6 mm	Z	WB10TJ
TC620-M4X0.5-W5D-	MF 4X0.5	0,5	3,2	1	8	21	57	6	4	☺
TC620-M6X0.75-W5D-	MF 6X0.75	0,75	4,9	1,5	12	21	57	6	4	☺
TC620-M8X1-W5D-	MF 8X1	1	6,5	2	16	27	63	8	4	☺
TC620-M10X1.25W5D-	MF 10X1.25	1,25	8,2	2,5	20	32	72	10	5	☺
TC620-M10X1-W5D-	MF 10X1	1	8,4	2	20	32	72	10	5	☺
TC620-M12X1.5-W5D-	MF 12X1.5	1,5	9,8	3	24	38	78	10	5	☺
TC620-M12X1.25W5D-	MF 12X1.25	1,25	10	2,5	25	38	78	10	5	☺
TC620-M12X1-W5D-	MF 12X1	1	10,3	2	24	38	83	12	6	☺
TC620-M14X1.5-W5D-	MF 14X1.5	1,5	11,7	3	28,5	44	89	12	5	☺
TC620-M16X1.5-W5D-	MF 16X1.5	1,5	13,6	3	33	44	92	16	6	☺
TC620-M18X1.5-W5D-	MF 18X1.5	1,5	15,5	3	36	52	100	16	6	☺
TC620-M20X1.5-W5D-	MF 20X1.5	1,5	17,3	3	40,5	57	105	18	7	☺

Ordering example for the grade WB10TJ: TC620-M10X1-W5D-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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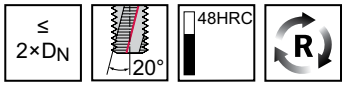
Solid carbide thread milling cutters

TME



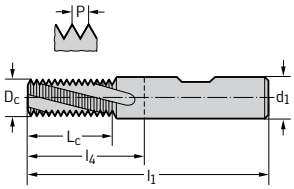
– Universal thread milling cutter for external thread





	P	M	K	N	S	H	O
TICN	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	P mm	D_c mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z
H5150106-M10X1	MF 10X1	1	10	16	72	32	10	4
H5150106-M12X1.5	MF 12X1.5	1,5	12	22,5	83	38	12	5
H5150106-M16X1	MF 16X1	1	16	30	92	44	16	6
H5150106-M16X1.25	MF 16X1.25	1,25	16	30	92	44	16	6
H5150106-M16X1.5	MF 16X1.5	1,5	16	30	92	44	16	6
H5150106-M16X2	MF 16X2	2	16	30	92	44	16	6

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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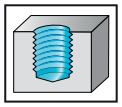
Solid carbide thread milling cutters

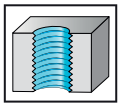
TD610 Supreme



– Universal thread milling cutters

UNC
ASME B1.1

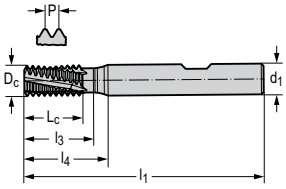




≤ 1,5×D_N | 15° | 48HRC | R

	P	M	K	N	S	H	O
WB10TU	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	Gear per inch	D_c mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TU
★ TD610-UNC8-W0C-	UNC #8-32	32	3,1	6,4	57	21	6	3	☹
★ TD610-UNC10-W0C-	UNC #10-24	24	3,5	7,4	57	21	6	3	☹
★ TD610-UNC1/4-W0C-	UNC 1/4-20	20	4,7	10,2	57	21	6	3	☹
★ TD610-UNC5/16-W0C-	UNC 5/16-18	18	6	12,7	57	21	6	4	☹
★ TD610-UNC3/8-W0C-	UNC 3/8-16	16	7,4	14,3	63	27	8	4	☹
★ TD610-UNC7/16-W0C-	UNC 7/16-14	14	8,7	18,1	72	32	10	4	☹
★ TD610-UNC1/2-W0C-	UNC 1/2-13	13	10	19,5	72	32	10	4	☹
★ TD610-UNC9/16-W0C-	UNC 9/16-12	12	11,4	23,3	83	38	12	5	☹
★ TD610-UNC5/8-W0C-	UNC 5/8-11	11	12,7	25,4	83	38	14	5	☹
★ TD610-UNC3/4-W0C-	UNC 3/4-10	10	15,5	30,5	92	44	16	5	☹
★ TD610-UNC7/8-W0C-	UNC 7/8-9	9	18	33,9	98	50	18	6	☹

Ordering example for the grade WB10TU: TD610-UNC1/2-W0C-WB10TU

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

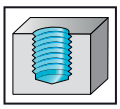
www.isotool.se
Tel. 044 - 24 55 70

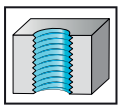
Solid carbide thread milling cutters
TD610 Supreme



– Universal thread milling cutters

UNC
ASME B1.1

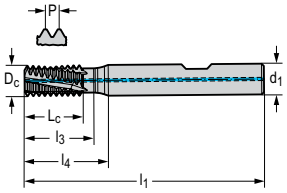




≤ 1,5×D_N | 15° | 48HRC | R

	P	M	K	N	S	H	O
WB10TU	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	Gear per inch	D_c mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TU
★ TD610-UNC8-W1C-	UNC #8-32	32	3,1	6,4	57	21	6	3	☺
★ TD610-UNC10-W1C-	UNC #10-24	24	3,5	7,4	57	21	6	3	☺
★ TD610-UNC1/4-W1C-	UNC 1/4-20	20	4,7	10,2	57	21	6	3	☺
★ TD610-UNC5/16-W1C-	UNC 5/16-18	18	6	12,7	57	21	6	4	☺
★ TD610-UNC3/8-W1C-	UNC 3/8-16	16	7,4	14,3	63	27	8	4	☺
★ TD610-UNC7/16-W1C-	UNC 7/16-14	14	8,7	18,1	72	32	10	4	☺
★ TD610-UNC1/2-W1C-	UNC 1/2-13	13	10	19,5	72	32	10	4	☺
★ TD610-UNC9/16-W1C-	UNC 9/16-12	12	11,4	23,3	83	38	12	5	☺
★ TD610-UNC5/8-W1C-	UNC 5/8-11	11	12,7	25,4	83	38	14	5	☺
★ TD610-UNC3/4-W1C-	UNC 3/4-10	10	15,5	30,5	92	44	16	5	☺
★ TD610-UNC7/8-W1C-	UNC 7/8-9	9	18	33,9	98	50	18	6	☺

Ordering example for the grade WB10TU: TD610-UNC1/2-W1C-WB10TU

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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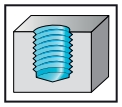
Solid carbide thread milling cutters

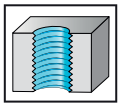
TC610 Supreme



– Universal thread milling cutters

UNC
ASME B1.1

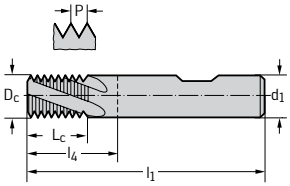




≤ 1,5×D_N | 20° | 48HRC | R

	P	M	K	N	S	H	O
WJ30RC	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	Gear per inch	D_N	D_c mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30RC
TC610-UNC1/4-W0-	20	UNC 1/4-20	4,8	10,2	57	21	6	3	☺
TC610-UNC5/16-W0-	18	UNC 5/16-18	5,5	12,7	57	21	6	4	☺
TC610-UNC3/8-W0-	16	UNC 3/8-16	7,5	14,3	63	27	8	4	☺
TC610-UNC7/16-W0-	14	UNC 7/16-14	8	18,1	63	27	8	4	☺
TC610-UNC9/16-W0-	12	UNC 9/16-12	10	19,5	72	32	10	4	☺
TC610-UNC5/8-W0-	11	UNC 5/8-11	12	25,4	83	38	12	5	☺
TC610-UNC1-W0-	8	UNC 1"-8	18	38,1	104	54	20	5	☺

Ordering example for the grade WJ30RC: TC610-UNC1-W0-WJ30RC

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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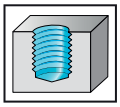
Solid carbide thread milling cutters

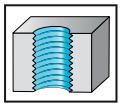
TC610 Supreme



– Universal thread milling cutters

UNC
ASME B1.1

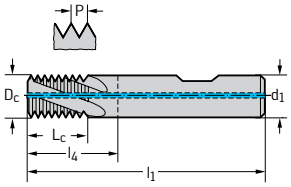




≤ 1,5×D_N | 20° | 48HRC | R

	P	M	K	N	S	H	O
WJ30RC	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	Gear per inch	D_N	D_c mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30RC
TC610-UNC1/4-W1-	20	UNC 1/4-20	4,8	10,2	57	21	6	3	☺
TC610-UNC5/16-W1-	18	UNC 5/16-18	5,5	12,7	57	21	6	4	☺
TC610-UNC3/8-W1-	16	UNC 3/8-16	7,5	14,3	63	27	8	4	☺
TC610-UNC7/16-W1-	14	UNC 7/16-14	8	18,1	63	27	8	4	☺
TC610-UNC1/2-W1-	13	UNC 1/2-13	10	19,5	72	32	10	4	☺
TC610-UNC9/16-W1-	12	UNC 9/16-12	10	19,5	72	32	10	4	☺
TC610-UNC5/8-W1-	11	UNC 5/8-11	12	25,4	83	38	12	5	☺
TC610-UNC3/4-W1-	10	UNC 3/4-10	14	30,5	90	45	14	5	☺
TC610-UNC7/8-W1-	9	UNC 7/8-9	16	33,9	98	50	16	5	☺
TC610-UNC1-W1-	8	UNC 1"-8	18	38,1	104	54	20	5	☺

Ordering example for the grade WJ30RC: TC610-UNC1-W1-WJ30RC

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

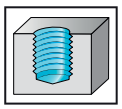
www.isotool.se
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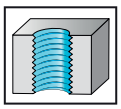
Multiple-row thread milling cutters
TC620 Supreme



– Universal multiple-row thread milling cutters
– For high cutting speeds and high feeds per tooth

UNC
ASME B1.1

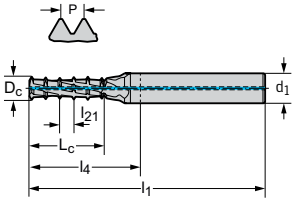




≤ 2×D_N | 20° | 48HRC | R

	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HA

Designation	D_N	Gear per inch	D_c mm	l_{21} mm	L_c mm	l_4 mm	l_1 mm	d_1 h6 mm	Z	WB10TJ
TC620-UNC8-A1D-	UNC #8-32	32	3,1	1,59	8,7	21	57	6	3	☺
TC620-UNC10-A1D-	UNC #10-24	24	3,5	2,12	10,6	21	57	6	3	☺
TC620-UNC1/4-A1D-	UNC 1/4-20	20	4,7	2,54	12,7	21	57	6	3	☺
TC620-UNC5/16-A1D-	UNC 5/16-18	18	6,1	2,82	16,9	27	63	8	4	☺
TC620-UNC3/8-A1D-	UNC 3/8-16	16	7,4	3,18	19,1	27	63	8	4	☺
TC620-UNC1/2-A1D-	UNC 1/2-13	13	10,1	3,91	25,4	38	83	12	4	☺
TC620-UNC5/8-A1D-	UNC 5/8-11	11	12,7	4,62	32,3	44	92	16	4	☺
TC620-UNC3/4-A1D-	UNC 3/4-10	10	15,5	5,08	38,1	56	104	16	5	☺
TC620-UNC7/8-A1D-	UNC 7/8-9	9	18	5,64	45,2	67	115	18	5	☺

Ordering example for the grade WB10TJ: TC620-UNC1/2-A1D-WB10TJ

C 3

WALTER SELECT

●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

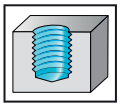
www.isotool.se
Tel. 044 - 24 55 70

Multiple-row thread milling cutters
TC620 Supreme



– Universal multiple-row thread milling cutters
– For high cutting speeds and high feeds per tooth

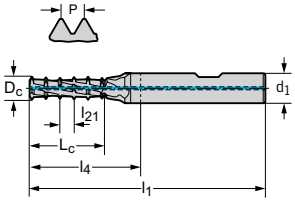
UNC
ASME B1.1



≤ 2×D_N | 15° | 48HRC | DeVibe | R

	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	Gear per inch	D_c mm	l_{21} mm	L_c mm	l_4 mm	l_1 mm	d_1 h6 mm	Z	WB10TJ
TC620-UNC8-W5D-	UNC #8-32	32	3,1	1,59	8,7	21	57	6	3	☺
TC620-UNC10-W5D-	UNC #10-24	24	3,5	2,12	10,6	21	57	6	3	☺
TC620-UNC1/4-W5D-	UNC 1/4-20	20	4,7	2,54	12,7	21	57	6	3	☺
TC620-UNC5/16-W5D-	UNC 5/16-18	18	6,1	2,82	16,9	27	63	8	4	☺
TC620-UNC3/8-W5D-	UNC 3/8-16	16	7,4	3,18	19,1	32	68	8	4	☺
TC620-UNC1/2-W5D-	UNC 1/2-13	13	10,1	3,91	25,4	38	83	12	4	☺
TC620-UNC5/8-W5D-	UNC 5/8-11	11	12,7	4,62	32,3	52	100	16	4	☺
TC620-UNC3/4-W5D-	UNC 3/4-10	10	15,5	5,08	38,1	52	100	16	5	☺

Ordering example for the grade WB10TJ: TC620-UNC1/2-W5D-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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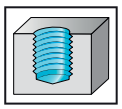
Solid carbide thread milling cutters

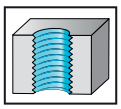
TC611 Supreme



– Universal thread milling cutters

UNC
ASME B1.1

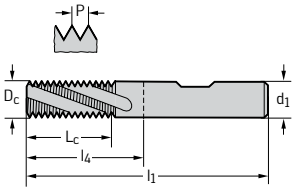




≤ 2×D_N | 20° | 48HRC | R

	P	M	K	N	S	H	O
WJ30RC	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	Gear per inch	D_N	D_c mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30RC
TC611-UNC1/4-W0-	20	UNC 1/4-20	4,8	12,7	57	21	6	3	☺
TC611-UNC5/16-W0-	18	UNC 5/16-18	5,5	16,9	57	21	6	4	☺
TC611-UNC3/8-W0-	16	UNC 3/8-16	7,5	19,1	63	27	8	4	☺
TC611-UNC7/16-W0-	14	UNC 7/16-14	8	23,6	68	32	8	4	☺
TC611-UNC1/2-W0-	13	UNC 1/2-13	10	25,4	76	36	10	4	☺
TC611-UNC9/16-W0-	12	UNC 9/16-12	10	29,6	80	40	10	4	☺
TC611-UNC5/8-W0-	11	UNC 5/8-11	12	32,3	90	45	12	5	☺
TC611-UNC3/4-W0-	10	UNC 3/4-10	14	38,1	98	53	14	5	☺
TC611-UNC1-W0-	8	UNC 1"-8	18	50,8	116	68	20	5	☺

Ordering example for the grade WJ30RC: TC611-UNC1-W0-WJ30RC

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

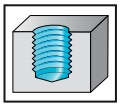
www.isotool.se
Tel. 044 - 24 55 70

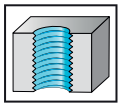
Solid carbide thread milling cutters
TC611 Supreme



– Universal thread milling cutters

UNC
ASME B1.1

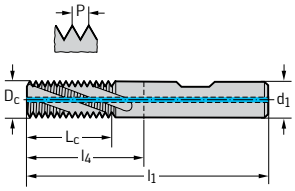




≤ 2×D_N | 20° | 48HRC | R

	P	M	K	N	S	H	O
WJ30RC	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	Gear per inch	D_N	D_c mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30RC
TC611-UNC1/4-W1-	20	UNC 1/4-20	4,8	12,7	57	21	6	3	☺
TC611-UNC5/16-W1-	18	UNC 5/16-18	5,5	16,9	57	21	6	4	☺
TC611-UNC3/8-W1-	16	UNC 3/8-16	7,5	19,1	63	27	8	4	☺
TC611-UNC7/16-W1-	14	UNC 7/16-14	8	23,6	68	32	8	4	☺
TC611-UNC1/2-W1-	13	UNC 1/2-13	10	25,4	76	36	10	4	☺
TC611-UNC9/16-W1-	12	UNC 9/16-12	10	29,6	80	40	10	4	☺
TC611-UNC5/8-W1-	11	UNC 5/8-11	12	32,3	90	45	12	5	☺
TC611-UNC3/4-W1-	10	UNC 3/4-10	14	38,1	98	53	14	5	☺
TC611-UNC7/8-W1-	9	UNC 7/8-9	16	45,2	108	60	16	5	☺
TC611-UNC1-W1-	8	UNC 1"-8	18	50,8	116	68	20	5	☺

Ordering example for the grade WJ30RC: TC611-UNC1-W1-WJ30RC

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

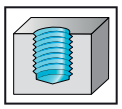
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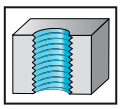
Multiple-row thread milling cutters
TC620 Supreme



– Universal multiple-row thread milling cutters
– For high cutting speeds and high feeds per tooth

UNC
ASME B1.1

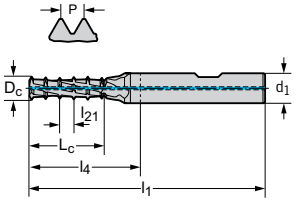




≤ 2,5×D_N | 20° | 48HRC | R

	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



Designation	D_N	Gear per inch	D_c mm	l_{21} mm	L_c mm	l_4 mm	l_1 mm	d_1 h6 mm	Z	WB10TJ
TC620-UNC8-W1E-	UNC #8-32	32	3,1	2,38	10,3	21	57	6	3	☻
TC620-UNC10-W1E-	UNC #10-24	24	3,5	3,18	12,7	21	57	6	3	☻
TC620-UNC1/4-W1E-	UNC 1/4-20	20	4,7	3,81	16,5	29	65	6	3	☻

DIN 6535 HB

Ordering example for the grade WB10TJ: TC620-UNC1/4-W1E-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application
Best tool for → Good = ☻ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☻ 😐 ☹ / ★

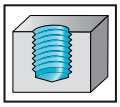
www.isotool.se
Tel. 044 - 24 55 70

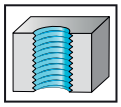
Multiple-row thread milling cutters
TC620 Supreme



– Universal multiple-row thread milling cutters
– For high cutting speeds and high feeds per tooth

UNC
ASME B1.1

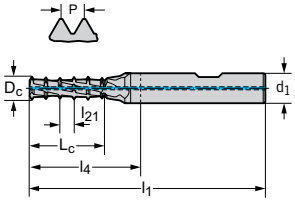




≤ 2,5×D_N | 15° | 48HRC | DeVibe | R

	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	Gear per inch	D_c mm	l_{21} mm	L_c mm	l_4 mm	l_1 mm	d_1 h6 mm	Z	WB10TJ
TC620-UNC8-W5E-	UNC #8-32	32	3,1	2,38	10,3	21	57	6	3	☺
TC620-UNC10-W5E-	UNC #10-24	24	3,5	3,18	12,7	21	57	6	3	☺
TC620-UNC1/4-W5E-	UNC 1/4-20	20	4,7	3,81	16,5	21	60	6	3	☺
TC620-UNC5/16-W5E-	UNC 5/16-18	18	6,1	4,23	21,2	34	70	8	4	☺
TC620-UNC3/8-W5E-	UNC 3/8-16	16	7,4	4,76	23,8	36	72	8	4	☺
TC620-UNC1/2-W5E-	UNC 1/2-13	13	10,1	5,86	31,3	47	92	12	4	☺
TC620-UNC5/8-W5E-	UNC 5/8-11	11	12,7	6,93	41,6	60	108	16	4	☺
TC620-UNC3/4-W5E-	UNC 3/4-10	10	15,5	7,62	48,3	62	110	16	5	☺

Ordering example for the grade WB10TJ: TC620-UNC1/2-W5E-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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Tel. 044 - 24 55 70

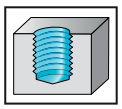
Solid carbide thread milling cutters

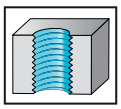
TD610 Supreme



– Universal thread milling cutters

UNF
ASME B1.1

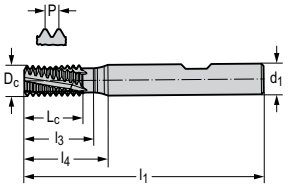




≤ 1,5×D_N | 15° | 48HRC | R

	P	M	K	N	S	H	O
WB10TU	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	Gear per inch	D_c mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TU
★ TD610-UNF8-W0C-	UNF #8-36	36	3,2	6,4	53	17	6	3	☹
★ TD610-UNF10-W0C-	UNF #10-32	32	3,7	7,9	57	21	6	3	☹
★ TD610-UNF1/4-W0C-	UNF 1/4-28	28	5,1	10	57	21	6	4	☹
★ TD610-UNF5/16-W0C-	UNF 5/16-24	24	6,4	12,7	57	21	8	4	☹
★ TD610-UNF7/16-W0C-	UNF 7/16-20	20	9,2	17,8	72	32	10	5	☹
★ TD610-UNF9/16-W0C-	UNF 9/16-18	18	12	22,6	83	38	12	6	☹
★ TD610-UNF3/4-W0C-	UNF 3/4-16	16	16,4	28,6	89	41	18	7	☹

Ordering example for the grade WB10TU: TD610-UNF1/4-W0C-WB10TU

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

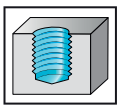
www.isotool.se
Tel. 044 - 24 55 70

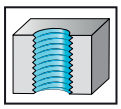
Solid carbide thread milling cutters
TD610 Supreme



– Universal thread milling cutters

UNF
ASME B1.1

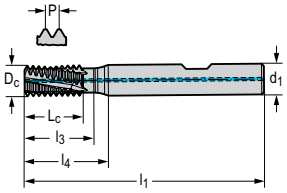




≤ 1,5×D_N | 15° | 48HRC | R

	P	M	K	N	S	H	O
WB10TU	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	Gear per inch	D_c mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TU
★ TD610-UNF8-W1C-	UNF #8-36	36	3,2	6,4	53	17	6	3	
★ TD610-UNF10-W1C-	UNF #10-32	32	3,7	7,9	57	21	6	3	
★ TD610-UNF1/4-W1C-	UNF 1/4-28	28	5,1	10	57	21	6	4	
★ TD610-UNF5/16-W1C-	UNF 5/16-24	24	6,4	12,7	57	21	8	4	
★ TD610-UNF7/16-W1C-	UNF 7/16-20	20	9,2	17,8	72	32	10	5	
★ TD610-UNF9/16-W1C-	UNF 9/16-18	18	12	22,6	82	37	12	6	
★ TD610-UNF3/4-W1C-	UNF 3/4-16	16	16,4	28,6	89	41	18	7	

Ordering example for the grade WB10TU: TD610-UNF1/4-W1C-WB10TU

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

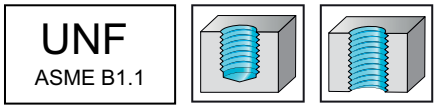
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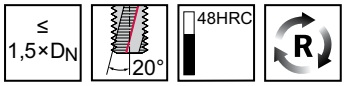
Solid carbide thread milling cutters

TC610 Supreme



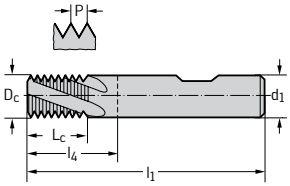
– Universal thread milling cutters





	P	M	K	N	S	H	O
WJ30RC	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	Gear per inch	D_N	D_c mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30RC
TC610-UNF10-W0-	32	UNF #10-32	3,6	7,9	57	21	6	3	☺
TC610-UNF1/4-W0-	28	UNF 1/4-28	4,8	10	57	21	6	4	☺
TC610-UNF5/16-W0-	24	UNF 5/16-24	6	12,7	57	21	6	4	☺
TC610-UNF7/16-W0-	20	UNF 7/16-20	8	17,8	63	27	8	4	☺
TC610-UNF9/16-W0-	18	UNF 9/16-18	10	22,6	72	32	10	5	☺
TC610-UNF3/4-W0-	16	UNF 3/4-16	14	28,6	88	43	14	6	☺

Ordering example for the grade WJ30RC: TC610-UNF1/4-W0-WJ30RC

C3

WALTER SELECT

●● Primary application ● Other application

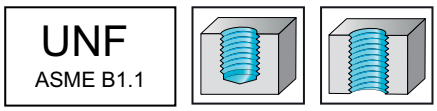
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

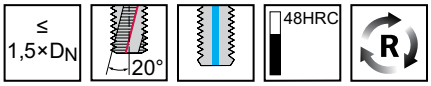
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Solid carbide thread milling cutters
TC610 Supreme



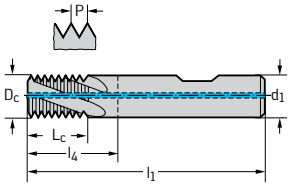
– Universal thread milling cutters





	P	M	K	N	S	H	O
WJ30RC	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	Gear per inch	D_N	D_c mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30RC
TC610-UNF10-W1-	32	UNF #10-32	3,6	7,9	57	21	6	3	☺
TC610-UNF1/4-W1-	28	UNF 1/4-28	4,8	10	57	21	6	4	☺
TC610-UNF5/16-W1-	24	UNF 5/16-24	6	12,7	57	21	6	4	☺
TC610-UNF7/16-W1-	20	UNF 7/16-20	8	17,8	63	27	8	4	☺
TC610-UNF9/16-W1-	18	UNF 9/16-18	10	22,6	72	32	10	5	☺
TC610-UNF3/4-W1-	16	UNF 3/4-16	14	28,6	88	43	14	6	☺

Ordering example for the grade WJ30RC: TC610-UNF1/4-W1-WJ30RC

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

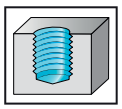
www.isotool.se
Tel. 044 - 24 55 70

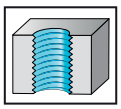
Multiple-row thread milling cutters
TC620 Supreme



– Universal multiple-row thread milling cutters
– For high cutting speeds and high feeds per tooth

UNF
ASME B1.1

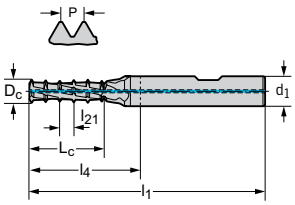




≤ 2×D_N | 20° | 48HRC | R

	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



Designation	D_N	Gear per inch	D_c mm	l_{21} mm	L_c mm	l_4 mm	l_1 mm	d_1 h6 mm	Z	WB10TJ
TC620-UNF10-W1D-	UNF #10-32	32	3,7	1,59	10,3	21	57	6	3	☺
TC620-UNF1/4-W1D-	UNF 1/4-28	28	5,1	1,81	12,7	21	57	6	4	☺

DIN 6535 HB

Ordering example for the grade WB10TJ: TC620-UNF1/4-W1D-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

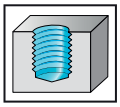
www.isotool.se
Tel. 044 - 24 55 70

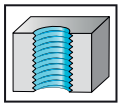
Multiple-row thread milling cutters
TC620 Supreme



– Universal multiple-row thread milling cutters
– For high cutting speeds and high feeds per tooth

UNF
ASME B1.1

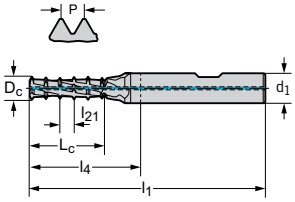




≤ 2×D_N | 15° | 48HRC | DeVibe | R

	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	Gear per inch	D_c mm	l_{21} mm	L_c mm	l_4 mm	l_1 mm	d_1 h6 mm	Z	WB10TJ
TC620-UNF10-W5D-	UNF #10-32	32	3,7	1,59	10,3	21	57	6	3	☺
TC620-UNF1/4-W5D-	UNF 1/4-28	28	5,1	1,81	12,7	21	57	6	4	☺
TC620-UNF5/16-W5D-	UNF 5/16-24	24	6,4	2,12	15,9	27	63	8	4	☺
TC620-UNF3/8-W5D-	UNF 3/8-24	24	7,9	2,12	19,1	31	67	8	5	☺
TC620-UNF7/16-W5D-	UNF 7/16-20	20	9,2	2,54	22,9	32	72	10	5	☺
TC620-UNF1/2-W5D-	UNF 1/2-20	20	10,7	2,54	25,4	38	83	12	5	☺
TC620-UNF9/16-W5D-	UNF 9/16-18	18	12	2,82	29,6	45	90	12	5	☺
TC620-UNF5/8-W5D-	UNF 5/8-18	18	13,5	2,82	32,5	48	96	16	6	☺
TC620-UNF3/4-W5D-	UNF 3/4-16	16	16,4	3,18	38,1	56	104	18	6	☺

Ordering example for the grade WB10TJ: TC620-UNF1/2-W5D-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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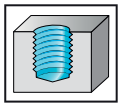
Solid carbide thread milling cutters

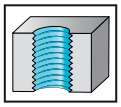
TC611 Supreme



– Universal thread milling cutters

UNF
ASME B1.1

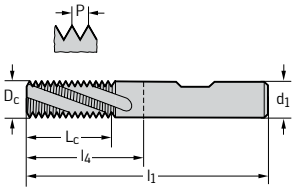




≤ 2×D_N | 20° | 48HRC | R

	P	M	K	N	S	H	O
WJ30RC	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	Gear per inch	D_N	D_c mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30RC
TC611-UNF10-W0-	32	UNF #10-32	3,6	10,3	57	21	6	3	☺
TC611-UNF1/4-W0-	28	UNF 1/4-28	4,8	12,7	57	21	6	4	☺
TC611-UNF5/16-W0-	24	UNF 5/16-24	6	15,9	57	21	6	4	☺
TC611-UNF7/16-W0-	20	UNF 7/16-20	8	22,9	68	32	8	4	☺
TC611-UNF9/16-W0-	18	UNF 9/16-18	10	29,6	80	40	10	5	☺
TC611-UNF3/4-W0-	16	UNF 3/4-16	14	38,1	98	53	14	6	☺

Ordering example for the grade WJ30RC: TC611-UNF1/4-W0-WJ30RC

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

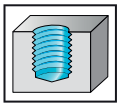
www.isotool.se
Tel. 044 - 24 55 70

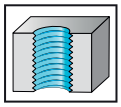
Solid carbide thread milling cutters
TC611 Supreme



– Universal thread milling cutters

UNF
ASME B1.1

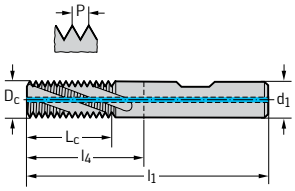




≤ 2×D_N | 20° | 48HRC | R

	P	M	K	N	S	H	O
WJ30RC	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	Gear per inch	D_N	D_c mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30RC
TC611-UNF10-W1-	32	UNF #10-32	3,6	10,3	57	21	6	3	☺
TC611-UNF1/4-W1-	28	UNF 1/4-28	4,8	12,7	57	21	6	4	☺
TC611-UNF5/16-W1-	24	UNF 5/16-24	6	15,9	57	21	6	4	☺
TC611-UNF7/16-W1-	20	UNF 7/16-20	8	22,9	68	32	8	4	☺
TC611-UNF9/16-W1-	18	UNF 9/16-18	10	29,6	80	40	10	5	☺
TC611-UNF3/4-W1-	16	UNF 3/4-16	14	38,1	98	53	14	6	☺

Ordering example for the grade WJ30RC: TC611-UNF1/4-W1-WJ30RC

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

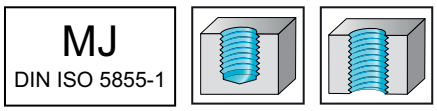
www.isotool.se
Tel. 044 - 24 55 70

Solid carbide thread milling cutters

TMG Ni



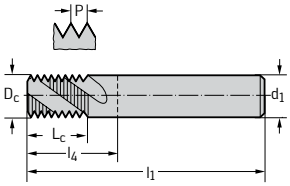
– Thread milling cutters for nickel alloys





	P	M	K	N	S	H	O
TICN	●●	●●		●	●●		●

Tool



DIN 6535 HA

Designation	D_N	D_c mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z
H5036006-MJ4	MJ 4	3	6,3	54	18	6	3
H5036006-MJ5	MJ 5	3,9	8	54	18	6	3
H5036006-MJ6	MJ 6	4,8	9	54	20	6	3

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

www.isotool.se
Tel. 044 - 24 55 70

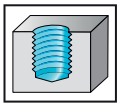
Solid carbide thread milling cutters

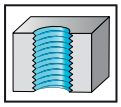
TMG Ni

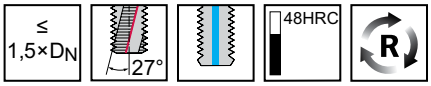


– Thread milling cutters for nickel alloys

MJ
DIN ISO 5855-1

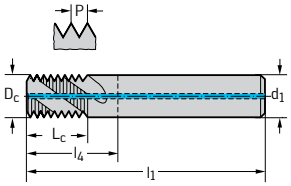






	P	M	K	N	S	H	O
TICN	●●	●●		●	●●		●

Tool



DIN 6535 HA

Designation	D_N	D_c mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z
H5036016-MJ8	MJ 8	6,3	12,5	58	22	8	4
H5036016-MJ10	MJ 10	7,5	15	58	22	8	4

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

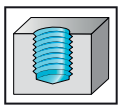
www.isotool.se
Tel. 044 - 24 55 70

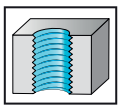
Multiple-row thread milling cutters
TC620 Supreme



– Universal multiple-row thread milling cutters
– For high cutting speeds and high feeds per tooth

UNJF
ASME B1.15

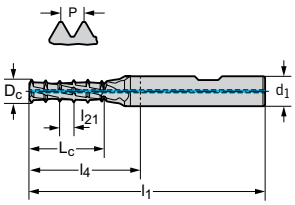




≤ 2,5×D_N | 20° | 48HRC | R

	P	M	K	N	S	H	O
WB10RA	●	●●	●	●	●●		

Tool



DIN 6535 HB

Designation	D_N	Gear per inch	D_c mm	l_{21} mm	L_c mm	l_4 mm	l_1 mm	d_1 h6 mm	Z	WB10RA
★ TC620-UNJF10-W1E-	UNJF #10-32	32	3,7	2,38	12,7	24	60	6	3	☺
★ TC620-UNJF1/4-W1E-	UNJF 1/4-28	28	5,1	2,72	16,3	26	62	6	4	☺
★ TC620-UNJF5/16W1E-	UNJF 5/16-24	24	6,4	3,18	20,1	32	68	8	4	☺
★ TC620-UNJF3/8-W1E-	UNJF 3/8-24	24	7,9	3,18	25,4	39	75	8	5	☺
★ TC620-UNJF7/16W1E-	UNJF 7/16-20	20	9,2	3,81	27,9	38	78	10	5	☺
★ TC620-UNJF1/2-W1E-	UNJF 1/2-20	20	10,7	3,81	31,8	45	90	12	5	☺
★ TC620-UNJF9/16W1E-	UNJF 9/16-18	18	12	4,23	38,1	55	100	12	5	☺

Ordering example for the grade WB10RA: TC620-UNJF1/2-W1E-WB10RA

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

www.isotool.se
Tel. 044 - 24 55 70

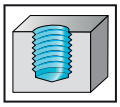
Solid carbide thread milling cutters

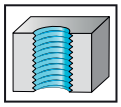
TMG Ni



– Thread milling cutters for nickel alloys

UNJF
ISO 3161





≤ 1,5×D_N

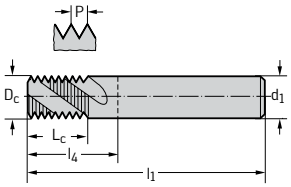


48HRC

	P	M	K	N	S	H	O
TICN	●●	●●		●	●●		●

Tool

Designation	Gear per inch	D_N	D_c mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z
H5336006-UNJF10	32	UNJF #10-32	3,6	7,9	54	18	6	3
H5336006-UNJF1/4	28	UNJF 1/4-28	4,8	10	54	18	6	3



DIN 6535 HA

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

www.isotool.se
Tel. 044 - 24 55 70

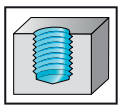
Solid carbide thread milling cutters

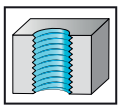
TMG Ni



– Thread milling cutters for nickel alloys

UNJF
ISO 3161

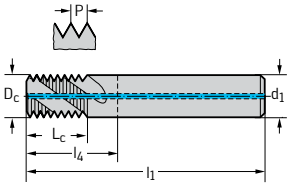




≤ 1,5×D_N | 27° | 48HRC | R

	P	M	K	N	S	H	O
TICN	●●	●●		●	●●		●

Tool



DIN 6535 HA

Designation	Gear per inch	D_N	D_c mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z
H5336016-UNJF5/16	24	UNJF 5/16-24	6,2	12,7	58	22	8	3
H5336016-UNJF3/8	24	UNJF 3/8-24	8	14,8	58	22	8	3
H5336016-UNJF7/16	20	UNJF 7/16-20	9,2	17,8	72	26	10	4
H5336016-UNJF1/2	20	UNJF 1/2-20	10,5	19,1	73	28	12	4

C3

WALTER SELECT

●● Primary application ● Other application

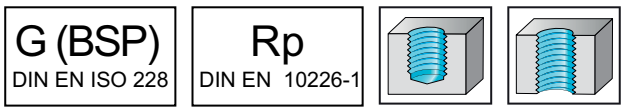
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

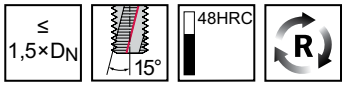
www.isotool.se
Tel. 044 - 24 55 70

Solid carbide thread milling cutters
TD610 Supreme



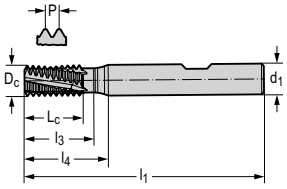
– Universal thread milling cutters





	P	M	K	N	S	H	O
WB10TU	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	Gear per inch	D_c mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TU
★ TD610-G1/16-W0C-	G 1/16-28	28	6	11,8	57	21	6	5	●
★ TD610-G1/8-W0C-	G 1/8-28	28	8	15,4	63	27	8	5	●
★ TD610-G1/4-W0C-	G 1/4-19	19	10,8	20,1	83	38	12	6	●
★ TD610-G3/8-W0C-	G 3/8-19	19	14	25,4	83	38	14	7	●
★ TD610-G1/2-W0C-	G 1/2-14	14	17,6	32,7	92	44	18	6	●
★ TD610-G1-W0C-	G 1"-11	11	20	50,8	125	75	20	6	●

Ordering example for the grade WB10TU: TD610-G1-W0C-WB10TU

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

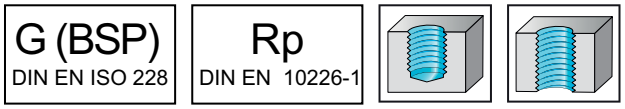
www.isotool.se
Tel. 044 - 24 55 70

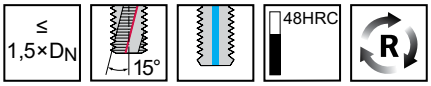
Solid carbide thread milling cutters

TD610 Supreme



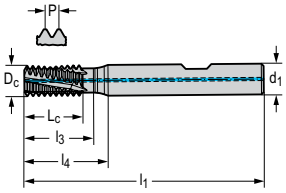
– Universal thread milling cutters





	P	M	K	N	S	H	O
WB10TU	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	Gear per inch	D_c mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TU
★ TD610-G1/16-W1C-	G 1/16-28	28	6	11,8	57	21	6	5	
★ TD610-G1/8-W1C-	G 1/8-28	28	8	15,4	63	27	8	5	
★ TD610-G1/4-W1C-	G 1/4-19	19	10,8	20,1	83	38	12	6	
★ TD610-G3/8-W1C-	G 3/8-19	19	14	25,4	83	38	14	7	
★ TD610-G1/2-W1C-	G 1/2-14	14	17,6	32,7	92	44	18	6	
★ TD610-G1-W1C-	G 1"-11	11	20	50,8	125	75	20	6	

Ordering example for the grade WB10TU: TD610-G1-W1C-WB10TU

C3

WALTER SELECT

●● Primary application ● Other application

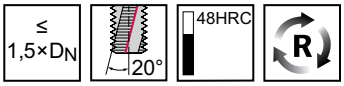
Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

Solid carbide thread milling cutters

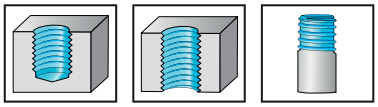
TC610 Supreme



– Universal thread milling cutters

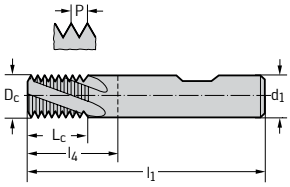


G (BSP) DIN EN ISO 228	Rp DIN EN 10226-1



	P	M	K	N	S	H	O
WJ30RC	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	Gear per inch	D_N	D_c mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30RC
TC610-G1/8-W0-	28	G 1/8-28	6	15,4	57	21	6	5	☹
TC610-G1/4-W0-	19	G 1/4-19	10	20,1	72	32	10	5	☹
TC610-G3/8-W0-	19	G 3/8-19	14	25,4	83	38	14	7	☹
TC610-G1/2-W0-	14	G 1/2-14	16	32,7	96	44	16	6	☹
TC610-G1X20-W0-	11	G 1"-11	20	50,8	120	75	20	6	☹

Ordering example for the grade WJ30RC: TC610-G1/2-W0-WJ30RC

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

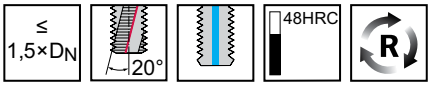
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Tel. 044 - 24 55 70

Solid carbide thread milling cutters

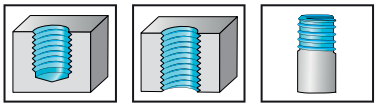
TC610 Supreme



– Universal thread milling cutters

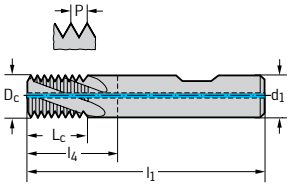


G (BSP) DIN EN ISO 228	Rp DIN EN 10226-1



	P	M	K	N	S	H	O
WJ30RC	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	Gear per inch	D_N	D_c mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WJ30RC
TC610-G1/8-W1-	28	G 1/8-28	6	15,4	57	21	6	5	☹
TC610-G1/4-W1-	19	G 1/4-19	10	20,1	72	32	10	5	☹
TC610-G3/8-W1-	19	G 3/8-19	14	25,4	83	38	14	7	☹
TC610-G1/2-W1-	14	G 1/2-14	16	32,7	96	44	16	6	☹
TC610-G1X20-W1-	11	G 1"-11	20	50,8	120	75	20	6	☹

Ordering example for the grade WJ30RC: TC610-G1/2-W1-WJ30RC

C3

WALTER SELECT

●● Primary application ● Other application

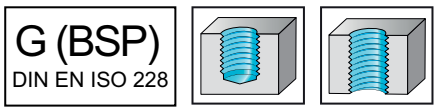
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

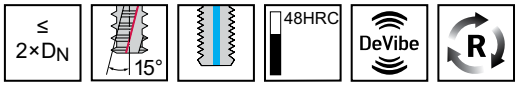
www.isotool.se
Tel. 044 - 24 55 70

Multiple-row thread milling cutters
TC620 Supreme



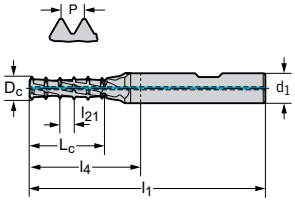
– Universal multiple-row thread milling cutters
– For high cutting speeds and high feeds per tooth





	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	Gear per inch	D_c mm	l_{21} mm	L_c mm	l_4 mm	l_1 mm	d_1 h6 mm	Z	WB10TJ
TC620-G1/16-W5D-	G 1/16-28	28	6	1,81	15,4	26	62	6	5	☺
TC620-G1/8-W5D-	G 1/8-28	28	8	1,81	20	28	64	8	5	☺
TC620-G1/4-W5D-	G 1/4-19	19	10	2,67	26,7	38	78	10	5	☺
TC620-G3/8-W5D-	G 3/8-19	19	14	2,67	33,4	49	94	14	6	☺
TC620-G1/2-W5D-	G 1/2-14	14	18	3,63	43,5	68	116	18	6	☺

Ordering example for the grade WB10TJ: TC620-G1/16-W5D-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

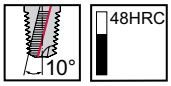
www.isotool.se
Tel. 044 - 24 55 70

Solid carbide thread milling cutters

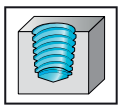
TMG

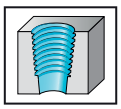


– Universal thread milling cutters



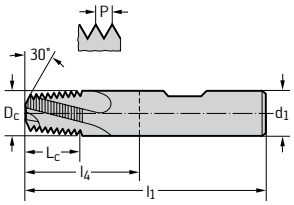
NPT
ASME B1.20.1





	P	M	K	N	S	H	O
TICN	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	D_c mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z
H5551106-NPT1/16	NPT 1/16-27	5,5	11,03	57	21	6	3
H5551106-NPT1/8	NPT 1/8-27	7,9	11,03	58	22	8	3
H5551106-NPT1/4-3/8	NPT 1/4-3/8-18	9,9	15,21	66	26	10	3
H5551106-NPT1/2-3/4	NPT 1/2-3/4-14	15,9	19,55	82	34	16	4
H5551106-NPT1-2	NPT 1-2-1/2	19,9	26,02	92	42	20	5

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

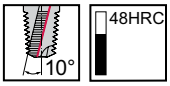
www.isotool.se
Tel. 044 - 24 55 70

Solid carbide thread milling cutters

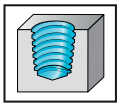
TMG

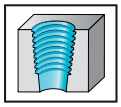


– Universal thread milling cutters



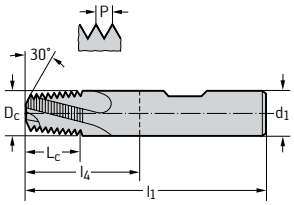
NPTF
ASME B1.20.3





	P	M	K	N	S	H	O
TICN	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	D_c mm	L_c mm	l_1 mm	l_4 mm	d_1 h6 mm	Z
H5651106-NPTF1/16	NPTF 1/16-27	5,5	11,03	57	21	6	3
H5651106-NPTF1/8	NPTF 1/8-27	7,9	11,03	58	22	8	3
H5651106-NPTF1/4-3/8	NPTF 1/4-3/8-18	9,9	15,21	66	26	10	3
H5651106-NPTF1/2-3/4	NPTF 1/2-3/4-14	15,9	19,55	82	34	16	4
H5651106-NPTF1-2	NPTF 1-2-1/2	19,9	26,02	92	42	20	5

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

www.isotool.se
Tel. 044 - 24 55 70

Thread milling cutters with countersink

Machining	
Thread depth	2 x D_N



Designation	TC620 Supreme
Thread type	
M	✔
MF	✔
UNC / UNF / UN-8	✔
G / Rc / Rp	✔
MJ / UNJC / UNJF	
NPT / NPTF	
Pg / BSW / Tr	
Indexable inserts basic shape	✔
Additional services	R
Coolant supply	axial
Coating / grade	WB10TJ
Cutting tool material	VHM
P Steel	●●
M Stainless steel	●●
K Cast iron	●●
N NF metals	●●
S Materials with difficult cutting properties	●●
H Hard materials	
O Other	●
Page in catalogue	**449**
QR code	
www.walter-tools.com/woc/	TC620

C3

WALTER SELECT ●● Primary application ● Other application

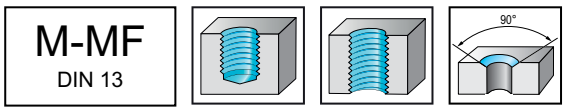
www.isotool.se
Tel. 044 - 24 55 70

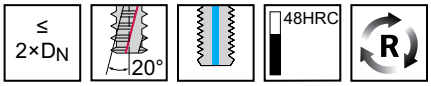
Multiple-row thread milling cutters

TC620 Supreme mm



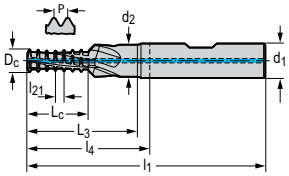
– Universal multiple-row thread milling cutters
– For high cutting speeds and high feeds per tooth





	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool

Designation	D_N	P mm	D_c mm	l_{21} mm	L_c mm	l_3 mm	l_4 mm	l_1 mm	d_2 mm	d_1 h6 mm	Z	WB10TJ
 TC620-M3-WCD-	M 3	0,5	2,3	1	6	11,5	16	52	3,4	6	3	☺

DIN 6535 HB

Ordering example for the grade WB10TJ: TC620-M3-WCD-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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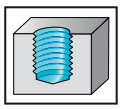
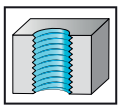
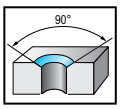
Multiple-row thread milling cutters

TC620 Supreme mm



– Universal multiple-row thread milling cutters
– For high cutting speeds and high feeds per tooth

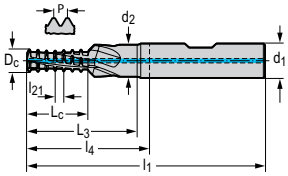
M-MF
DIN 13

≤ 2×D_N | 15° | 48HRC | DeVibe | R

	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	P mm	D_c mm	l_{21} mm	L_c mm	l_3 mm	l_4 mm	l_1 mm	d_2 mm	d_1 h6 mm	Z	WB10TJ
TC620-M4-WVD-	M 4	0,7	3,1	1,4	8,4	15,7	21	57	4,6	6	3	☺
TC620-M5-WVD-	M 5	0,8	3,9	1,6	10,4		21	57		6	3	☺
TC620-M6-WVD-	M 6	1	4,7	2	12	22,9	27	63	6,8	8	4	☺
TC620-M8-WVD-	M 8	1,25	6,3	2,5	16,3	30,7	32	72	9	10	4	☺
TC620-M10-WVD-	M 10	1,5	7,9	3	21	22,1	38	83	11,2	12	4	☺
TC620-M12-WVD-	M 12	1,75	9,6	3,5	24,5	45,9	50	95	13,4	14	4	☺
TC620-M14-WVD-	M 14	2	11,2	4	28		57	105		16	4	☺
TC620-M16-WVD-	M 16	2	13,1	4	32		59	107		18	5	☺
TC620-M18-WVD-	M 18	2,5	14,5	5	37,5		75	125		20	5	☺
TC620-M20-WVD-	M 20	2,5	16,4	5	40	75,2	84	140	22	25	5	☺

Ordering example for the grade WB10TJ: TC620-M10-WVD-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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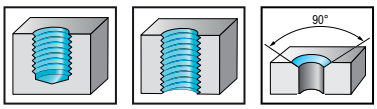
Multiple-row thread milling cutters

TC620 Supreme mm



– Universal multiple-row thread milling cutters
– For high cutting speeds and high feeds per tooth

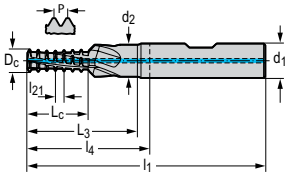
MF
DIN 13



≤ 2×D_N | 15° | 48HRC | DeVibe | R

	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	P mm	D_c mm	l_{21} mm	L_c mm	l_3 mm	l_4 mm	l_1 mm	d_2 mm	d_1 h6 mm	Z	WB10TJ
TC620-M4X0.5-WVD-	MF 4X0.5	0,5	3,2	1	8	15,1	21	57	4,4	6	4	☺
TC620-M6X0.5-WVD-	MF 6X0.5	0,5	5,1	1	12	22,3	27	63	6,4	8	5	☺
TC620-M6X0.75-WVD-	MF 6X0.75	0,75	4,9	1,5	12	22,6	27	63	6,6	8	4	☺
TC620-M8X0.75-WVD-	MF 8X0.75	0,75	6,8	1,5	16,5	30,3	32	72	8,6	10	5	☺
TC620-M8X1-WVD-	MF 8X1	1	6,5	2	16	30,1	32	72	8,8	10	4	☺
TC620-M10X0.5-WVD-	MF 10X0.5	0,5	8,9	1	20	36,7	38	83	10,4	12	6	☺
TC620-M10X1-WVD-	MF 10X1	1	8,4	2	20	37,3	38	83	10,8	12	5	☺
TC620-M10X1.25WVD-	MF 10X1.25	1,25	8,2	2,5	20	37,6	38	83	11	12	5	☺
TC620-M12X1-WVD-	MF 12X1	1	10,3	2	24	44,5	50	95	12,8	14	6	☺
TC620-M12X1.25WVD-	MF 12X1.25	1,25	10	2,5	25	45,8	50	95	13	14	5	☺
TC620-M12X1.5-WVD-	MF 12X1.5	1,5	9,8	3	24	45,1	50	95	13,2	14	5	☺
TC620-M14X1-WVD-	MF 14X1	1	12,2	2	28	51,7	57	105	14,8	16	6	☺
TC620-M14X1.5-WVD-	MF 14X1.5	1,5	11,7	3	28,5	52,8	57	105	15,2	16	5	☺
TC620-M16X1-WVD-	MF 16X1	1	14,1	2	32	58,9	62	110	16,8	18	6	☺
TC620-M16X1.5-WVD-	MF 16X1.5	1,5	13,6	3	33	60,5	64	112	17,2	18	6	☺
TC620-M18X1-WVD-	MF 18X1	1	15,9	2	36	66,1	75	125	18,8	20	6	☺
TC620-M18X1.5-WVD-	MF 18X1.5	1,5	15,5	3	36	66,7	75	125	19,2	20	6	☺
TC620-M20X1.5-WVD-	MF 20X1.5	1,5	17,3	3	40,5	74,4	80	136	21,2	25	7	☺

Ordering example for the grade WB10TJ: TC620-M10X0.5-WVD-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

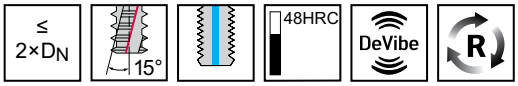
www.isotool.se
Tel. 044 - 24 55 70

Multiple-row thread milling cutters

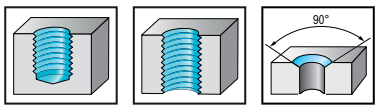
TC620 Supreme mm



– Universal multiple-row thread milling cutters
– For high cutting speeds and high feeds per tooth

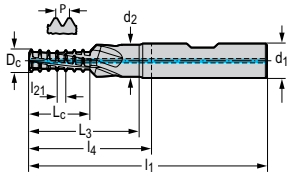


UNC
ASME B1.1



	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	D_N	Gear per inch	D_c mm	l_{21} mm	L_c mm	l_3 mm	l_4 mm	l_1 mm	d_2 mm	d_1 h6 mm	Z	WB10TJ
TC620-UNC8-WVD-	UNC #8-32	32	3,1	1,59	8,7	16,4	21	57	4,8	6	3	☺
TC620-UNC10-WVD-	UNC #10-24	24	3,5	2,12	10,6		21	57		6	3	☺
TC620-UNC1/4-WVD-	UNC 1/4-20	20	4,7	2,54	12,7	24,5	27	63	7,4	8	3	☺
TC620-UNC5/16-WVD-	UNC 5/16-18	18	6,1	2,82	16,9	31,4	32	72	9	10	4	☺
TC620-UNC3/8-WVD-	UNC 3/8-16	16	7,4	3,18	19,1	36,3	38	83	10,8	12	4	☺
TC620-UNC7/16-WVD-	UNC 7/16-14	14	8,7	3,63	23,6	43,7	50	95	12,5	14	4	☺
TC620-UNC1/2-WVD-	UNC 1/2-13	13	10,1	3,91	25,4	48,2	54	102	14,2	16	4	☺
TC620-UNC9/16-WVD-	UNC 9/16-12	12	11,4	4,23	29,6		59	107		16	4	☺
TC620-UNC5/8-WVD-	UNC 5/8-11	11	12,7	4,62	32,3		59	107		18	4	☺
TC620-UNC3/4-WVD-	UNC 3/4-10	10	15,5	5,08	38,1	71,8	79	135	21	25	5	☺
TC620-UNC7/8-WVD-	UNC 7/8-9	9	18,2	5,64	45,2	84,3	89	145	24,4	25	5	☺

Ordering example for the grade WB10TJ: TC620-UNC1/2-WVD-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

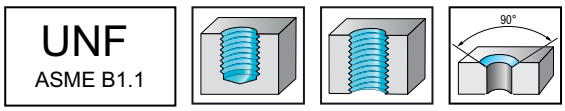
www.isotool.se
Tel. 044 - 24 55 70

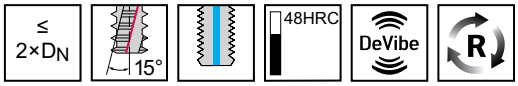
Multiple-row thread milling cutters

TC620 Supreme mm



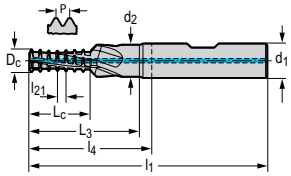
– Universal multiple-row thread milling cutters
– For high cutting speeds and high feeds per tooth





	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	DN	Gear per inch	Dc mm	l21 mm	Lc mm	l3 mm	l4 mm	l1 mm	d2 mm	d1 h6 mm	Z	WB10TJ
TC620-UNF10-WVD-	UNF #10-32	32	3,7	1,59	10,3	19,1	21	57	5,5	6	3	☺
TC620-UNF1/4-WVD-	UNF 1/4-28	28	5,1	1,81	12,7	24	27	63	7,1	8	4	☺
TC620-UNF5/16-WVD-	UNF 5/16-24	24	6,4	2,12	15,9	30	32	72	8,8	10	4	☺
TC620-UNF3/8-WVD-	UNF 3/8-24	24	7,9	2,12	19,1	35,7	38	83	10,4	12	5	☺
TC620-UNF7/16-WVD-	UNF 7/16-20	20	9,2	2,54	22,9	42,3	47	92	12,1	14	5	☺
TC620-UNF1/2-WVD-	UNF 1/2-20	20	10,7	2,54	25,4		50	95		14	5	☺
TC620-UNF9/16-WVD-	UNF 9/16-18	18	12,1	2,82	29,6	54,3	59	107	15,4	16	5	☺
TC620-UNF5/8-WVD-	UNF 5/8-18	18	13,5	2,82	32,5	59,7	62	112	17	18	6	☺
TC620-UNF3/4-WVD-	UNF 3/4-16	16	16,4	3,18	38,1		79	135		25	6	☺

Ordering example for the grade WB10TJ: TC620-UNF1/2-WVD-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

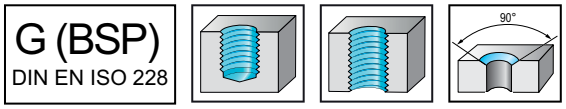
www.isotool.se
Tel. 044 - 24 55 70

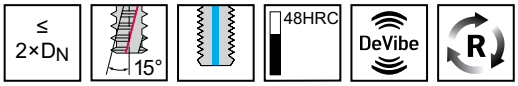
Multiple-row thread milling cutters

TC620 Supreme mm



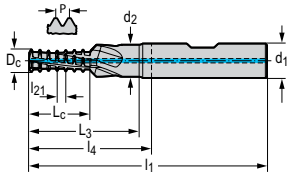
– Universal multiple-row thread milling cutters
– For high cutting speeds and high feeds per tooth





	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HB

Designation	DN	Gear per inch	Dc mm	l21 mm	Lc mm	l3 mm	l4 mm	l1 mm	d2 mm	d1 h6 mm	Z	WB10TJ
TC620-G1/16-WVD-	G 1/16-28	28	6,4	1,81	15,4	29	32	72	8,4	10	5	☺
TC620-G1/8-WVD-	G 1/8-28	28	8,2	1,81	20	36,7	38	83	10,4	12	5	☺
TC620-G1/4-WVD-	G 1/4-19	19	11,1	2,67	26,7	49,5	54	102	14,2	16	5	☺
TC620-G3/8-WVD-	G 3/8-19	19	14,4	2,67	33,4		59	107		18	6	☺
TC620-G1/2-WVD-	G 1/2-14	14	17,9	3,63	43,5	79,4	84	140	22,4	25	6	☺

Ordering example for the grade WB10TJ: TC620-G1/16-WVD-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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Drill thread milling cutters

Machining					
Thread depth	2 x D_N	2 x D_N	2 x D_N	2,5 x D_N	2,5 x D_N
					
Designation	TC685 Supreme	TMD	Thrill·tec®	TC685 Supreme	Thrill·tec®
Thread type					
M	✔	✔	✔	✔	✔
MF	✔		✔	✔	✔
UNC / UNF / UN-8			✔		✔
G / Rc / Rp	✔		✔		
MJ / UNJC / UNJF					
NPT / NPTF					
Pg / BSW / Tr					
Indexable inserts basic shape	✔		✔	✔	✔
Additional services					
Coolant supply	External / axial	axial	axial	External / axial	axial
Coating / grade	WB10RC	NHC / TAX	WB10TJ	WB10RC	WB10TJ
Cutting tool material	VHM	VHM	VHM	VHM	VHM
P Steel	●		●●	●	●●
M Stainless steel			●●		●●
K Cast iron	●	●●	●●	●	●●
N NF metals		●●	●●		●●
S Materials with difficult cutting properties	●		●●	●	●●
H Hard materials	●●			●●	
O Other			●		●
Page in catalogue	**458**	**456**	**457**	**460**	**459**
QR code					
www.walter-tools.com/woc/	TC685	tmd	TC645	TC685	TC645

C3

WALTER SELECT ●● Primary application ● Other application

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Tel. 044 - 24 55 70

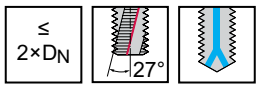
Solid carbide drill thread milling cutters

mm

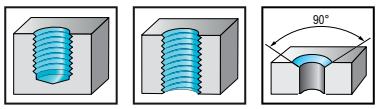
TMD



– Drilling, countersinking and thread milling in one operation
– Drill thread milling cutters

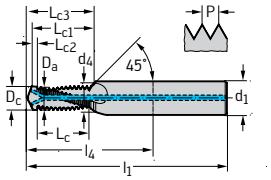


M
DIN 13



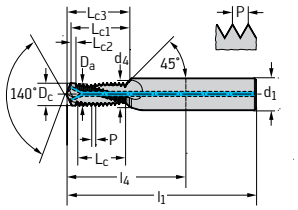
	P	M	K	N	S	H	O
NHC				●●			
TAX			●●				

Tool



DIN 6535 HA

Designation	P mm	D_c mm	D_a mm	L_c mm	L_{c3} mm	d_4 mm	L_{c1} mm	L_{c2} mm	l_1 mm	l_4 mm	d_1 h6 mm	Z
H5075011-M6	1	5	4,75	11	14,7	6,3	13,8	1	62	26	8	3
H5075011-M8	1,25	6,8	6,42	13,8	18,9	8,3	17,7	1,25	74	34	10	3



DIN 6535 HA

Designation	P mm	D_c mm	D_a mm	L_c mm	L_{c3} mm	d_4 mm	L_{c1} mm	L_{c2} mm	l_1 mm	l_4 mm	d_1 h6 mm	Z
H5075018-M6	1	5	4,75	11	14,7	6,3	13,8	1	62	26	8	3
H5075018-M8	1,25	6,8	6,42	13,8	18,9	8,3	17,7	1,25	74	34	10	3
H5075018-M10	1,5	8,5	8,07	18	23,7	10,3	22,2	1,5	80	35	12	3

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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Orbital drill thread milling cutter

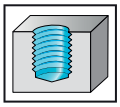
TC645 Supreme mm

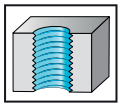
Thrill·tec®

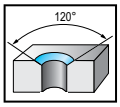


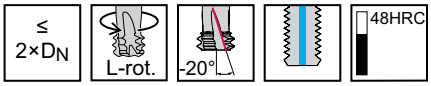
– Orbital drill thread milling cutters for universal application
– Chamfer, core hole and thread in one operation

M-MF
DIN 13



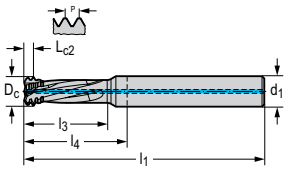






	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HA

Designation	D_N	P mm	D_c mm	L_{c2} mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TJ
TC645-M4-A1D-	M 4	0,7	3,05	1,12	8	50	14	6	4	☺
TC645-M5-A1D-	M 5	0,8	3,9	1,29	10	50	14	6	4	☺
TC645-M6-A1D-	M 6	1	4,5	1,6	12	50	14	6	4	☺
TC645-M8-A1D-	M 8	1,25	6,2	2,01	16	63	27	8	4	☺
TC645-M10-A1D-	M 10	1,5	7,8	2,22	20	63	27	8	4	☺
TC645-M12-A1D-	M 12	1,75	8,7	2,83	24	72	32	10	4	☺
TC645-M14-A1D-	M 14	2	10,2	3,24	28	83	38	12	4	☺
TC645-M16-A1D-	M 16	2	12	3,27	32	83	38	12	4	☺
TC645-M20-A1D-	M 20	2,5	14,9	4,09	40	105	57	16	4	☺

Maximum nominal thread diameter for fine thread: Dc x 1.94 | Example: TC645-M8.. /6.2 mm × 1.94 = 12.03 mm/MF 12×1.25 possible | Ordering example for the grade WB10TJ: TC645-M10-A1D-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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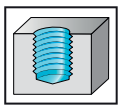
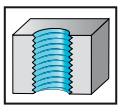
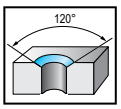
Orbital drill thread milling cutter

TC685 Supreme mm



– Orbital drill thread milling cutters for hardened materials
– Chamfer, core hole and thread in one operation

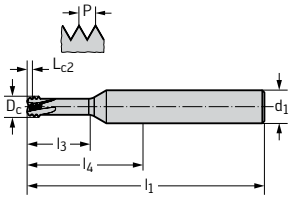
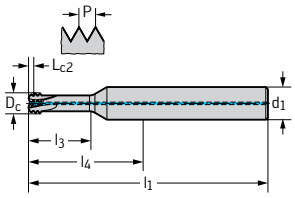
M-MF
DIN 13

≤ 2×D_N | L-rot. | -15° | 65HRC / 44HRC

	P	M	K	N	S	H	O
WB10RC	●		●		●	●●	

Tool

Designation	D_N	P mm	D_c mm	L_{c2} mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10RC
 DIN 6535 HA										
TC685-M2-A0D-	M 2	0,4	1,55	0,64	4	57	21	6	4	☹
TC685-M2.5-A0D-	M 2.5	0,45	1,95	0,72	5	57	21	6	4	☹
TC685-M3-A0D-	M 3	0,5	2,35	0,8	6	50	14	6	4	☹
TC685-M4-A0D-	M 4	0,7	3,1	1,12	8	50	14	6	4	☹
TC685-M5-A0D-	M 5	0,8	3,9	1,29	10	57	21	6	4	☹
 DIN 6535 HA										
TC685-M6-A1D-	M 6	1	4,6	1,61	12	57	21	6	4	☹
TC685-M8-A1D-	M 8	1,25	6,2	2,02	16	63	27	8	4	☹
TC685-M10-A1D-	M 10	1,5	7,8	2,43	20	63	27	8	4	☹
TC685-M12-A1D-	M 12	1,75	9	2,84	24	72	32	10	4	☹
TC685-M14-A1D-	M 14	2	10,5	3,25	28	83	38	12	4	☹
TC685-M16-A1D-	M 16	2	12,5	3,28	32	92	44	16	4	☹
TC685-M18-A1D-	M 18	2,5	13,5	4,06	36	115	67	16	4	☹
TC685-M20-A1D-	M 20	2,5	15,4	4,09	40	115	67	16	4	☹

Maximum nominal thread diameter for fine thread: Dc x 1.94 | Example: TC685-M8.. / 6.2 mm x 1.94 = 12.03 mm / MF 12x1.25 possible | Ordering example for the grade WB10RC: TC685-M2-A0D-WB10RC

C3

WALTER SELECT

●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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Orbital drill thread milling cutter

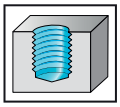
TC645 Supreme mm

Thrill·tec®



– Orbital drill thread milling cutters for universal application
– Chamfer, core hole and thread in one operation

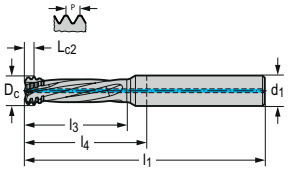
M-MF
DIN 13



≤ 2,5×D_N | L-rot. | -20° | 48HRC

	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HA

Designation	D_N	P mm	D_c mm	L_{c2} mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TJ
TC645-M4-A1E-	M 4	0,7	3,05	1,12	10	50	14	6	4	☺
TC645-M5-A1E-	M 5	0,8	3,9	1,29	12,5	57	21	6	4	☺
TC645-M6-A1E-	M 6	1	4,5	1,6	15	57	21	6	4	☺
TC645-M8-A1E-	M 8	1,25	6,2	2,01	20	63	27	8	4	☺
TC645-M10-A1E-	M 10	1,5	7,8	2,42	25	63	27,4	8	4	☺
TC645-M12-A1E-	M 12	1,75	8,7	2,83	30	72	32,8	10	4	☺
TC645-M14-A1E-	M 14	2	10,2	3,24	35	100	55	12	4	☺
TC645-M16-A1E-	M 16	2	12	3,27	40	100	55	12	4	☺
TC645-M20-A1E-	M 20	2,5	14,9	4,09	50	107	59	16	4	☺

Maximum nominal thread diameter for fine thread: Dc x 1.94 | Example: TC645-M8.. /6.2 mm × 1.94 = 12.03 mm/MF 12×1.25 possible | Ordering example for the grade WB10TJ: TC645-M10-A1E-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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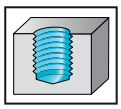
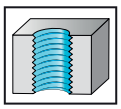
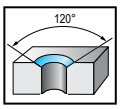
Orbital drill thread milling cutter

TC685 Supreme mm



– Orbital drill thread milling cutters for hardened materials
– Chamfer, core hole and thread in one operation

M-MF
DIN 13

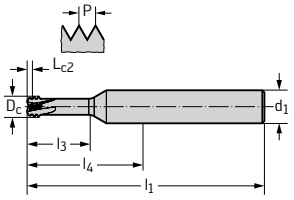




≤ 2,5×D_N | L-rot. | -15° | 65HRC 44HRC

	P	M	K	N	S	H	O
WB10RC	●		●		●	●●	

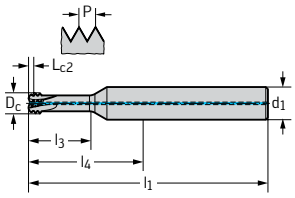
Tool

Designation	D_N	P mm	D_c mm	L_{c2} mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10RC
TC685-M2-A0E-	M 2	0,4	1,55	0,64	5	57	21	6	4	☺
TC685-M2.5-A0E-	M 2.5	0,45	1,95	0,72	6,25	57	21	6	4	☺
TC685-M3-A0E-	M 3	0,5	2,35	0,8	7,5	50	14	6	4	☺
TC685-M4-A0E-	M 4	0,7	3,1	1,12	10	57	21	6	4	☺
TC685-M5-A0E-	M 5	0,8	3,9	1,29	12,5	57	21	6	4	☺



DIN 6535 HA

Designation	D_N	P mm	D_c mm	L_{c2} mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10RC
TC685-M6-A1E-	M 6	1	4,6	1,61	15	57	21	6	4	☺
TC685-M8-A1E-	M 8	1,25	6,2	2,02	20	63	27	8	4	☺
TC685-M10-A1E-	M 10	1,5	7,8	2,43	25	63	27,3	8	4	☺
TC685-M12-A1E-	M 12	1,75	9	2,84	30	72	32,7	10	4	☺
TC685-M14-A1E-	M 14	2	10,5	3,25	35	83	38	12	4	☺
TC685-M16-A1E-	M 16	2	12,5	3,28	40	92	44	16	4	☺
TC685-M18-A1E-	M 18	2,5	13,5	4,06	45	115	67	16	4	☺
TC685-M20-A1E-	M 20	2,5	15,4	4,09	50	115	67	16	4	☺



DIN 6535 HA

Maximum nominal thread diameter for fine thread: Dc x 1.94 | Example: TC685-M8.. / 6.2 mm x 1.94 = 12.03 mm / MF 12x1.25 possible | Ordering example for the grade WB10RC: TC685-M2-A0E-WB10RC

C3

WALTER SELECT

●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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Tel. 044 - 24 55 70

Orbital drill thread milling cutter

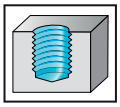
TC645 Supreme mm

Thrill·tec®



– Orbital drill thread milling cutters for universal application
– Chamfer, core hole and thread in one operation

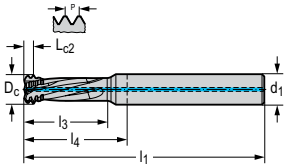
MF
DIN 13



≤ 2×D_N | L-rot. | -20° | 48HRC

	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HA

Designation	D_N	P mm	D_c mm	L_{c2} mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TJ
TC645-M4X0.5-A1D-	MF 4X0.5	0,5	3,25	0,82	8	50	14	6	4	☺
TC645-M6X0.75-A1D-	MF 6X0.75	0,75	4,8	1,23	12	52	16	6	4	☺
TC645-M8X1-A1D-	MF 8X1	1	6,4	1,63	16	63	27	8	4	☺
TC645-M10X1-A1D-	MF 10X1	1	8,2	1,66	20	63	27	8	4	☺
TC645-M10X1.25A1D-	MF 10X1.25	1,25	8	2,04	20	63	27	8	4	☺
TC645-M12X1-A1D-	MF 12X1	1	9,4	1,69	24	72	32	10	4	☺
TC645-M12X1.25A1D-	MF 12X1.25	1,25	9,2	2,07	24	72	32	10	4	☺
TC645-M12X1.5-A1D-	MF 12X1.5	1,5	9	2,45	24	72	32	10	4	☺
TC645-M14X1.5-A1D-	MF 14X1.5	1,5	10,7	2,48	28	83	38	12	4	☺
TC645-M16X1.5-A1D-	MF 16X1.5	1,5	12,5	2,51	32	80	35	14	4	☺
TC645-M18X1.5-A1D-	MF 18X1.5	1,5	14,2	2,54	36	92	44	16	4	☺
TC645-M20X1.5-A1D-	MF 20X1.5	1,5	15,9	2,57	40	92	44	16	4	☺

Ordering example for the grade WB10TJ: TC645-M10X1-A1D-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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Tel. 044 - 24 55 70

Orbital drill thread milling cutter

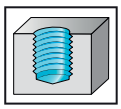
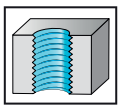
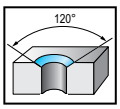
TC645 Supreme mm

Thrill·tec®



– Orbital drill thread milling cutters for universal application
– Chamfer, core hole and thread in one operation

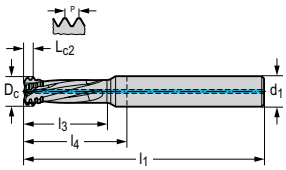
UNC
ASME B1.1

≤ 2×D_N | L-rot. | -20° | 48HRC

	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HA

Designation	D_N	Gear per inch	D_c mm	L_{c2} mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TJ
TC645-UNC8-A1D-	UNC #8-32	32	3,1	1,26	8,3	50	14	6	4	☺
TC645-UNC10-A1D-	UNC #10-24	24	3,5	1,67	9,7	50	14	6	4	☺
TC645-UNC1/4-A1D-	UNC 1/4-20	20	4,6	2,02	12,7	57	21	6	4	☺
TC645-UNC5/16-A1D-	UNC 5/16-18	18	5,9	2,25	15,9	57	21	6	4	☺
TC645-UNC3/8-A1D-	UNC 3/8-16	16	7,2	2,54	19,1	63	27	8	4	☺
TC645-UNC7/16-A1D-	UNC 7/16-14	14	8,5	2,91	22,2	72	32	10	4	☺
TC645-UNC1/2-A1D-	UNC 1/2-13	13	9,2	3,15	25,4	72	32	10	4	☺
TC645-UNC9/16-A1D-	UNC 9/16-12	12	10,4	3,42	28,6	83	38	12	4	☺
TC645-UNC5/8-A1D-	UNC 5/8-11	11	11,6	3,73	31,8	83	38	12	4	☺
TC645-UNC3/4-A1D-	UNC 3/4-10	10	14,1	4,13	38,1	105	57	16	4	☺

Ordering example for the grade WB10TJ: TC645-UNC1/2-A1D-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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Orbital drill thread milling cutter

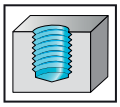
TC645 Supreme mm

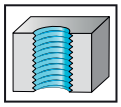
Thrill·tec®

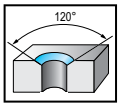


– Orbital drill thread milling cutters for universal application
– Chamfer, core hole and thread in one operation

UNC
ASME B1.1



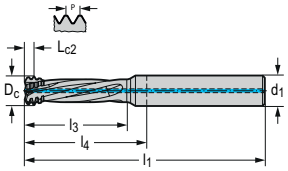




≤ 2,5×D_N | L-rot. | -20° | 48HRC

	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HA

Designation	D_N	Gear per inch	D_c mm	L_{c2} mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TJ
TC645-UNC8-A1E-	UNC #8-32	32	3,1	1,26	10,4	50	14	6	4	☺
TC645-UNC10-A1E-	UNC #10-24	24	3,5	1,67	12,1	57	21	6	4	☺
TC645-UNC1/4-A1E-	UNC 1/4-20	20	4,6	2,02	15,9	57	21	6	4	☺
TC645-UNC5/16-A1E-	UNC 5/16-18	18	5,9	2,25	19,8	57	22,1	6	4	☺
TC645-UNC3/8-A1E-	UNC 3/8-16	16	7,2	2,54	23,8	63	27	8	4	☺
TC645-UNC7/16-A1E-	UNC 7/16-14	14	8,5	2,91	27,8	72	32	10	4	☺
TC645-UNC1/2-A1E-	UNC 1/2-13	13	9,2	3,15	31,8	80	40	10	4	☺
TC645-UNC9/16-A1E-	UNC 9/16-12	12	10,4	3,42	35,7	100	55	12	4	☺
TC645-UNC5/8-A1E-	UNC 5/8-11	11	11,6	3,73	39,7	100	55	12	4	☺
TC645-UNC3/4-A1E-	UNC 3/4-10	10	14,1	4,13	47,6	107	59	16	4	☺

Ordering example for the grade WB10TJ: TC645-UNC1/2-A1E-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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Orbital drill thread milling cutter

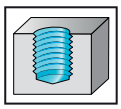
TC645 Supreme mm

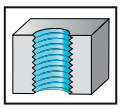
Thrill·tec®

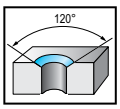


– Orbital drill thread milling cutters for universal application
– Chamfer, core hole and thread in one operation

UNF
ASME B1.1



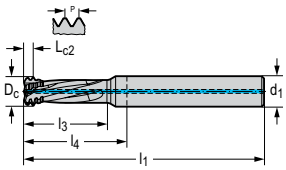




≤ 2×D_N | L-rot. | -20° | 48HRC

	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HA

Designation	D_N	Gear per inch	D_c mm	L_{c2} mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TJ
TC645-UNF8-A1D-	UNF #8-36	36	3,2	1,13	8,3	50	14	6	4	☺
TC645-UNF10-A1D-	UNF #10-32	32	3,75	1,27	9,7	50	14	6	4	☺
TC645-UNF1/4-A1D-	UNF 1/4-28	28	5	1,47	12,7	57	21	6	4	☺
TC645-UNF5/16-A1D-	UNF 5/16-24	24	6,3	1,72	15,9	63	27	8	4	☺
TC645-UNF3/8-A1D-	UNF 3/8-24	24	7,8	1,74	19,1	63	27	8	4	☺
TC645-UNF7/16-A1D-	UNF 7/16-20	20	8,95	2,09	22,2	72	32	10	4	☺
TC645-UNF1/2-A1D-	UNF 1/2-20	20	9,8	2,11	25,4	72	32	10	4	☺
TC645-UNF9/16-A1D-	UNF 9/16-18	18	11	2,35	28,6	83	38	12	4	☺
TC645-UNF5/8-A1D-	UNF 5/8-18	18	12,4	2,38	31,8	80	35	14	4	☺
TC645-UNF3/4-A1D-	UNF 3/4-16	16	15	2,69	38,1	92	44	16	4	☺

Ordering example for the grade WB10TJ: TC645-UNF1/2-A1D-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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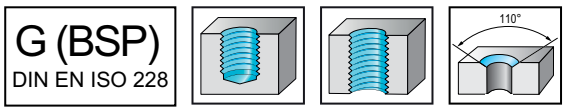
Orbital drill thread milling cutter

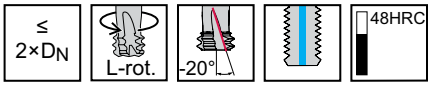
TC645 Supreme mm

Thrill·tec®



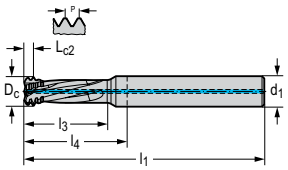
– Orbital drill thread milling cutters for universal application
– Chamfer, core hole and thread in one operation





	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HA

Designation	D_N	Gear per inch	D_c mm	L_{c2} mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TJ
TC645-G1/16-A1D-	G 1/16-28	28	6,2	1,44	15,4	58	22	8	4	☺
TC645-G1/8-A1D-	G 1/8-28	28	8,05	1,46	19,5	64	24	10	4	☺
TC645-G1/4-A1D-	G 1/4-19	19	10,2	2,15	26,4	77	32	12	4	☺
TC645-G1/2-A1D-	G 1/2-14	14	16,4	2,95	41,9	105	57	18	4	☺

Ordering example for the grade WB10TJ: TC645-G1/16-A1D-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

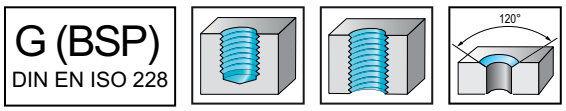
www.isotool.se
Tel. 044 - 24 55 70

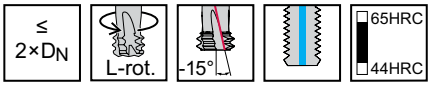
Orbital drill thread milling cutter

TC685 Supreme mm



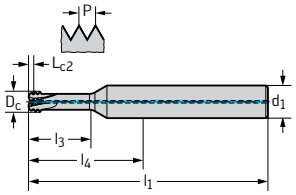
– Orbital drill thread milling cutters for hardened materials
– Chamfer, core hole and thread in one operation





	P	M	K	N	S	H	O
WB10RC	●		●		●	●●	

Tool



DIN 6535 HA

Designation	D_N	P	D_c mm	L_{c2} mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10RC
TC685-G1/16-A1D-	G 1/16-28	28	6,2	1,43	15,446	63	27	8	4	😐
TC685-G1/8-A1D-	G 1/8-28	28	8,1	1,46	19,456	72	32	10	4	😐
TC685-G1/4-A1D-	G 1/4-19	19	10,4	2,14	26,35	83	38	12	4	😐
TC685-G1/2-A1D-	G 1/2-14	14	15,2	2,95	41,91	116	68	16	4	😐

Ordering example for the grade WB10RC: TC685-G1/16-A1D-WB10RC

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = 😊 → Average = 😐 → Poor = 😞 machining conditions

New addition to the product range = 😊 😐 😞 / ★

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Orbital thread milling cutters

Machining				
Thread depth	2 x D_N	2,5 x D_N	3 x D_N	4 x D_N
				
Designation	TC630 Supreme	TC630 Supreme	TC630 Supreme	TC630 Supreme
Thread type				
M	✔	✔	✔	✔
MF	✔	✔	✔	✔
UNC / UNF / UN-8	✔		✔	
G / Rc / Rp				
MJ / UNJC / UNJF			✔	
NPT / NPTF				
Pg / BSW / Tr				
Indexable inserts basic shape	✔	✔	✔	✔
Additional services				
Coolant supply	External / axial	External	External / axial	axial
Coating / grade	WB10RA / WB10TJ	WB10TJ	WB10RA / WB10TJ	WB10TJ
Cutting tool material	VHM	VHM	VHM	VHM
P Steel	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●
K Cast iron	●●	●●	●●	●●
N NF metals	●●	●●	●●	●●
S Materials with difficult cutting properties	●●	●●	●●	●●
H Hard materials				
O Other	●	●	●	●
Page in catalogue	**468**	**475**	**470**	**473**
QR code				
www.walter-tools.com/woc/	TC630	TC630	TC630	TC630

C3

WALTER SELECT

●● Primary application ● Other application

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Tel. 044 - 24 55 70

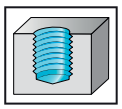
Solid carbide orbital thread mills

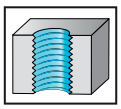
TC630 Supreme mm



– Universal orbital thread milling cutters

M-MF
DIN 13

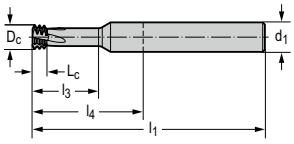




≤ 2×D_N | 15° | 48HRC

	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HA

Designation	D_N	P mm	D_c mm	L_c mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TJ
TC630-M1.2-A0D-	M 1.2	0,25	0,9	0,25	2,525	38	10	3	4	☹
TC630-M1.4-A0D-	M 1.4	0,3	1,05	0,3	2,95	38	10	3	4	☹
TC630-M1.6-A0D-	M 1.6	0,35	1,2	0,7	3,73	38	10	3	4	☹
TC630-M1.8-A0D-	M 1.8	0,35	1,35	0,7	3,78	38	10	3	4	☹
TC630-M2-A0D-	M 2	0,4	1,55	1,2	4,6	57	21	6	4	☹
TC630-M2.2-A0D-	M 2.2	0,45	1,65	1,35	4,63	57	21	6	4	☹
TC630-M2.5-A0D-	M 2.5	0,45	1,95	1,35	5,68	57	21	6	4	☹
TC630-M3-A0D-	M 3	0,5	2,3	1,5	6,75	57	21	6	4	☹
TC630-M3.5-A0D-	M 3.5	0,6	2,7	1,8	7,3	57	21	6	4	☹
TC630-M4-A0D-	M 4	0,7	3,1	2,1	9,05	57	21	6	4	☹
TC630-M4.5-A0D-	M 4.5	0,75	3,5	2,25	9,38	57	21	6	4	☹
TC630-M5-A0D-	M 5	0,8	4	2,4	11,2	57	21	6	4	☹
TC630-M6-A0D-	M 6	1	4,8	3	13,5	57	21	6	4	☹
TC630-M8-A0D-	M 8	1,25	6,4	3,75	17,9	63	27	8	4	☹
TC630-M10-A0D-	M 10	1,5	8,2	4,5	22,3	72	32	10	5	☹
TC630-M12-A0D-	M 12	1,75	9,75	5,25	26,7	72	32	10	5	☹

Ordering example for the grade WB10TJ: TC630-M1.2-A0D-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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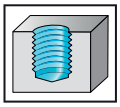
Solid carbide orbital thread mills

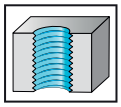
TC630 Supreme mm

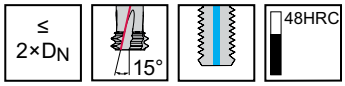


– Universal orbital thread milling cutters

M-MF
DIN 13

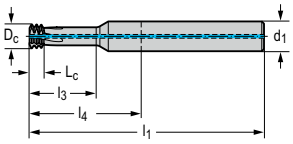






	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HA

Designation	D_N	P mm	D_c mm	L_c mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TJ
TC630-M5-A1D-	M 5	0,8	4	2,4	11,2	57	21	6	4	☹
TC630-M6-A1D-	M 6	1	4,8	3	13,5	57	21	6	4	☹
TC630-M8-A1D-	M 8	1,25	6,4	3,75	17,9	63	27	8	4	☹
TC630-M10-A1D-	M 10	1,5	8,2	4,5	22,3	72	32	10	5	☹
TC630-M12-A1D-	M 12	1,75	9,75	5,25	26,7	72	32	10	5	☹

Ordering example for the grade WB10TJ: TC630-M10-A1D-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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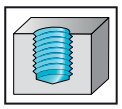
Solid carbide orbital thread mills

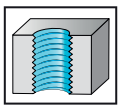
TC630 Supreme mm



– Universal orbital thread milling cutters

M-MF
DIN 13

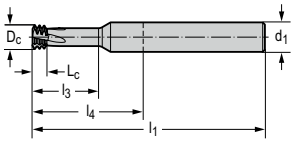




≤ 3×D_N | 15° | 48HRC

	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HA

Designation	D_N	P mm	D_c mm	L_c mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TJ
TC630-M1.2-A0F-	M 1.2	0,25	0,9	0,25	3,725	38	10	3	4	✖
TC630-M1.4-A0F-	M 1.4	0,3	1,05	0,3	4,35	38	10	3	4	✖
TC630-M1.6-A0F-	M 1.6	0,35	1,2	0,7	5,33	38	10	3	4	✖
TC630-M1.8-A0F-	M 1.8	0,35	1,35	0,7	5,58	38	10	3	4	✖
TC630-M2-A0F-	M 2	0,4	1,55	1,2	6,6	57	21	6	4	✖
TC630-M2.5-A0F-	M 2.5	0,45	1,95	1,35	8,18	57	21	6	4	✖
TC630-M3-A0F-	M 3	0,5	2,3	1,5	9,75	57	21	6	4	✖
TC630-M3.5-A0F-	M 3.5	0,6	2,7	1,8	10,8	57	21	6	4	✖
TC630-M4-A0F-	M 4	0,7	3,1	2,1	13,05	57	21	6	4	✖
TC630-M4.5-A0F-	M 4.5	0,75	3,5	2,25	13,88	57	21	6	4	✖
TC630-M5-A0F-	M 5	0,8	4	2,4	16,2	57	21	6	4	✖
TC630-M6-A0F-	M 6	1	4,8	3	19,5	57	22	6	4	✖
TC630-M8-A0F-	M 8	1,25	6,4	3,75	25,88	63	29	8	4	✖

Ordering example for the grade WB10TJ: TC630-M1.2-A0F-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ✖ machining conditions

New addition to the product range = ☺ 😐 ✖ / ★

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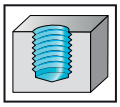
Solid carbide orbital thread mills

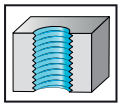
TC630 Supreme mm



– Universal orbital thread milling cutters

M-MF
DIN 13



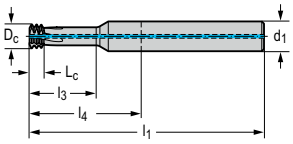


≤ 3×D_N | 15° | 48HRC

	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool

Designation	D_N	P mm	D_c mm	L_c mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TJ
TC630-M5-A1F-	M 5	0,8	4	2,4	16,2	57	21	6	4	
TC630-M6-A1F-	M 6	1	4,8	3	19,5	57	22	6	4	
TC630-M8-A1F-	M 8	1,25	6,4	3,75	25,88	63	29	8	4	



DIN 6535 HA

Ordering example for the grade WB10TJ: TC630-M5-A1F-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

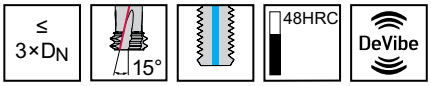
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Solid carbide orbital thread mills

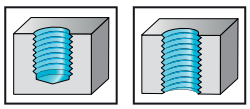
TC630 Supreme mm



– Universal orbital thread milling cutters
– Best running smoothness due to Walter DeVibe technology

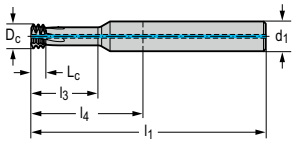


M-MF
DIN 13



	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HA

Designation	D_N	P mm	D_c mm	L_c mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TJ
TC630-M4-A5F-	M 4	0,7	3,1	2,1	13,05	57	21	6	4	✖
TC630-M5-A5F-	M 5	0,8	4	2,4	16,2	57	21	6	4	✖
TC630-M6-A5F-	M 6	1	4,8	3	19,5	57	21	6	4	✖
TC630-M8-A5F-	M 8	1,25	6,4	3,75	25,88	63	29	8	4	✖
TC630-M10-A5F-	M 10	1,5	8,2	4,5	30,75	72	34	10	5	✖
TC630-M12-A5F-	M 12	1,75	9,75	5,25	36,88	80	40	10	5	✖
TC630-M14-A5F-	M 14	2	11,4	6	43	92	47	12	5	✖
TC630-M16-A5F-	M 16	2	13,3	6	49	102	54	16	6	✖
TC630-M18-A5F-	M 18	2,5	14,75	7,5	55,25	108	60	16	6	✖

Ordering example for the grade WB10TJ: TC630-M10-A5F-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

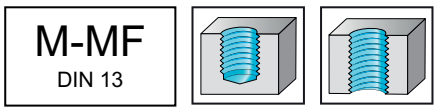
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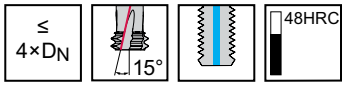
Solid carbide orbital thread mills

TC630 Supreme mm



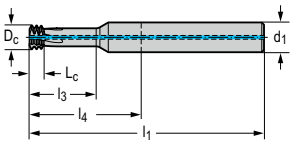
– Universal orbital thread milling cutters





	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool

Designation	D_c mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TJ
 TC630-M3-A1H-	2,3	12,25	44	16	4	4	☹

DIN 6535 HA

Ordering example for the grade WB10TJ: TC630-M3-A1H-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

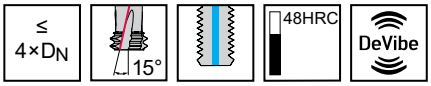
www.isotool.se
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Solid carbide orbital thread mills

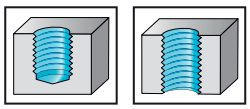
TC630 Supreme mm



– Universal orbital thread milling cutters
– Best running smoothness due to Walter DeVibe technology

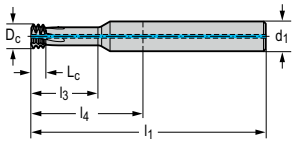


M-MF
DIN 13



	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HA

Designation	D_N	P mm	D_c mm	L_c mm	l_3 mm	l_1 mm	l_4 mm	d_1 h8 mm	Z	WB10TJ
TC630-M4-A5H-	M 4	0,7	3,1	2,1	16,35	57	21	6	4	☹
TC630-M5-A5H-	M 5	0,8	4	2,4	20,4	57	21	6	4	☹
TC630-M6-A5H-	M 6	1	4,8	3	24,5	65	29	6	4	☹
TC630-M8-A5H-	M 8	1,25	6,4	3,75	32,63	72	36	8	4	☹
TC630-M10-A5H-	M 10	1,5	8,2	4,5	40,75	85	45	10	5	☹
TC630-M12-A5H-	M 12	1,75	9,75	5,25	48,88	92	52	10	5	☹
TC630-M16-A5H-	M 16	2	13,3	6	65	115	70	16	6	☹

Ordering example for the grade WB10TJ: TC630-M10-A5H-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

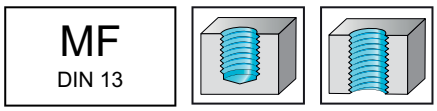
www.isotool.se
Tel. 044 - 24 55 70

Solid carbide orbital thread mills

TC630 Supreme mm



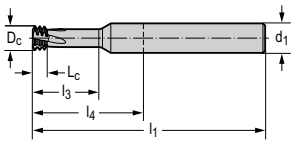
– Universal orbital thread milling cutters





	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HA

Designation	DN	P mm	Dc mm	Lc mm	l3 mm	l1 mm	l4 mm	d1 h6 mm	Z	WB10TJ
TC630-M5X0.5-A0E-	MF 5X0.5	0,5	4,3	1,5	12,75	57	21	6	4	☹
TC630-M6X0.75-A0E-	MF 6X0.75	0,75	5	2,25	15,38	57	21	6	4	☹
TC630-M10X1-A0E-	MF 10X1	1	8,55	3	25,5	72	32	10	5	☹
TC630-M14X1-A0E-	MF 14X1	1	12	3	35,5	83	38	12	5	☹
TC630-M14X1.5-A0E-	MF 14X1.5	1,5	11,9	4,5	35,75	83	38	12	5	☹

Ordering example for the grade WB10TJ: TC630-M10X1-A0E-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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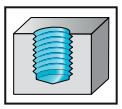
Solid carbide orbital thread mills

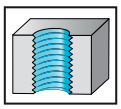
TC630 Supreme mm



– Universal orbital thread milling cutters

UNC
ASME B1.1





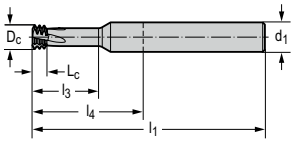
≤ 2×D_N



48HRC

	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HA

Designation	D_N-P	Gear per inch	D_c mm	L_c mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TJ
TC630-UNC2-A0D-	UNC #2-56	56	1,6	1,36	4,59	57	21	6	4	✓
TC630-UNC4-A0D-	UNC #4-40	40	2,1	1,91	6,7	57	21	6	4	✓
TC630-UNC6-A0D-	UNC #6-32	32	2,6	2,38	8,3	57	21	6	4	✓
TC630-UNC8-A0D-	UNC #8-32	32	3,25	2,38	8,73	57	21	6	4	✓
TC630-UNC10-A0D-	UNC #10-24	24	3,55	3,18	11,3	57	21	6	4	✓

Ordering example for the grade WB10TJ: TC630-UNC10-A0D-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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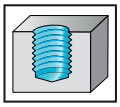
Solid carbide orbital thread mills

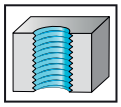
TC630 Supreme mm



– Universal orbital thread milling cutters

UNC
ASME B1.1



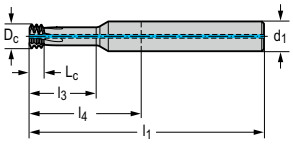


≤ 2×D_N | 15° | 48HRC

	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool

Designation	D_N-P	Gear per inch	D_c mm	L_c mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TJ
TC630-UNC1/4-A1D-	UNC 1/4-20	20	4,85	3,81	14,7	57	21	6	4	☹
TC630-UNC5/16-A1D-	UNC 5/16-18	18	6,2	4,23	18,1	63	27	8	4	☹



DIN 6535 HA

Ordering example for the grade WB10TJ: TC630-UNC1/4-A1D-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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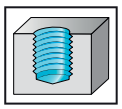
Solid carbide orbital thread mills

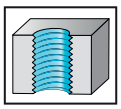
TC630 Supreme mm



– Universal orbital thread milling cutters

UNC
ASME B1.1

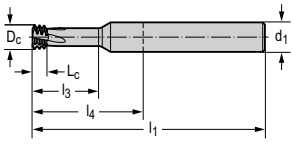




≤ 3×D_N | 15° | 48HRC

	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HA

Designation	D_N-P	Gear per inch	D_c mm	L_c mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TJ
TC630-UNC2-A0F-	UNC #2-56	56	1,6	1,36	7,25	57	21	6	4	✖
TC630-UNC3-A0F-	UNC #3-48	48	1,85	1,59	7,81	57	21	6	4	✖
TC630-UNC4-A0F-	UNC #4-40	40	2,1	1,91	9,5	57	21	6	4	✖
TC630-UNC6-A0F-	UNC #6-32	32	2,6	2,38	11,75	57	21	6	4	✖
TC630-UNC8-A0F-	UNC #8-32	32	3,25	2,38	13,7	57	21	6	4	✖
TC630-UNC10-A0F-	UNC #10-24	24	3,55	3,18	16,1	57	21	6	4	✖
TC630-UNC1/4-A0F-	UNC 1/4-20	20	4,85	3,81	21	57	24	6	4	✖
TC630-UNC5/16-A0F-	UNC 5/16-18	18	6,2	4,23	25,95	63	29	8	4	✖

Ordering example for the grade WB10TJ: TC630-UNC1/4-A0F-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ✖ machining conditions

New addition to the product range = ☺ 😐 ✖ / ★

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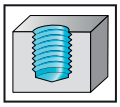
Solid carbide orbital thread mills

TC630 Supreme mm



– Universal orbital thread milling cutters
– Best running smoothness due to Walter DeVibe technology

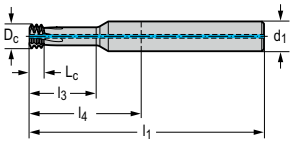
UNC
ASME B1.1



≤ 3×D_N | 15° | 48HRC | DeVibe

	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HA

Designation	D_N-P	Gear per inch	D_c mm	L_c mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TJ
TC630-UNC8-A5F-	UNC #8-32	32	3,25	2,38	13,687	57	21	6	4	☹
TC630-UNC10-A5F-	UNC #10-24	24	3,55	3,18	16,065	57	21	6	4	☹
TC630-UNC1/4-A5F-	UNC 1/4-20	20	4,85	3,81	20,955	57	21	6	4	☹
TC630-UNC5/16-A5F-	UNC 5/16-18	18	6,2	4,23	25,95	63	29	8	4	☹
TC630-UNC3/8-A5F-	UNC 3/8-16	16	7,55	4,76	29,37	68	32	8	5	☹
TC630-UNC1/2-A5F-	UNC 1/2-13	13	10,25	5,86	39,08	89	44	12	5	☹
TC630-UNC5/8-A5F-	UNC 5/8-11	11	12,9	6,93	48,78	103	55	16	5	☹
TC630-UNC3/4-A5F-	UNC 3/4-10	10	15,7	7,62	58,42	110	62	16	6	☹

Ordering example for the grade WB10TJ: TC630-UNC1/2-A5F-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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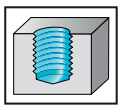
Solid carbide orbital thread mills

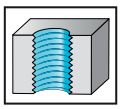
TC630 Supreme mm



– Universal orbital thread milling cutters

UNF
ASME B1.1





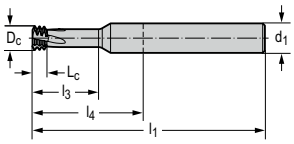
≤ 2×D_N



48HRC

	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool

Designation	D_N-P	Gear per inch	D_c mm	L_c mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TJ
 TC630-UNF10-A0D- DIN 6535 HA	UNF #10-32	32	3,85	2,38	10,9	57	21	6	4	

Ordering example for the grade WB10TJ: TC630-UNF10-A0D-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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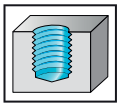
Solid carbide orbital thread mills

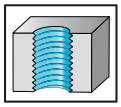
TC630 Supreme mm

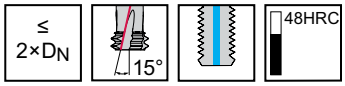


– Universal orbital thread milling cutters

UNF
ASME B1.1

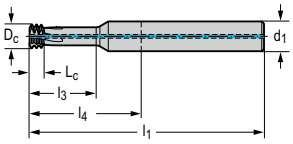






	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HA

Designation	DN-P	Gear per inch	Dc mm	Lc mm	l3 mm	l1 mm	l4 mm	d1 h6 mm	Z	WB10TJ
TC630-UNF1/4-A1D-	UNF 1/4-28	28	5,25	2,72	14,1	57	21	6	4	☹
TC630-UNF5/16-A1D-	UNF 5/16-24	24	6,55	3,18	17,5	63	27	8	4	☹
TC630-UNF3/8-A1D-	UNF 3/8-24	24	8	3,18	20,7	63	27	8	5	☹

Ordering example for the grade WB10TJ: TC630-UNF1/4-A1D-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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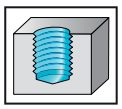
Solid carbide orbital thread mills

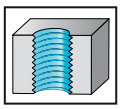
TC630 Supreme mm



– Universal orbital thread milling cutters

UNF
ASME B1.1

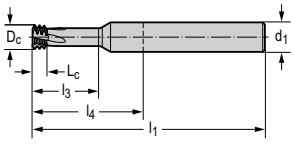




≤ 3×D_N | 15° | 48HRC

	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HA

Designation	D_N-P	Gear per inch	D_c mm	L_c mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TJ
TC630-UNF0-A0F-	UNF #0-80	80	1,15	0,32	4,735	38	10	3	4	✖
TC630-UNF5-A0F-	UNF #5-44	44	2,45	1,73	9,82	57	21	6	4	✖
TC630-UNF6-A0F-	UNF #6-40	40	2,75	1,91	11,5	57	21	6	4	✖
TC630-UNF8-A0F-	UNF #8-36	36	3,25	2,12	12,85	57	21	6	4	✖
TC630-UNF10-A0F-	UNF #10-32	32	3,85	2,38	15,7	57	21	6	4	✖
TC630-UNF1/4-A0F-	UNF 1/4-28	28	5,25	2,72	20,45	57	22	6	4	✖
TC630-UNF5/16-A0F-	UNF 5/16-24	24	6,55	3,18	25,4	63	28	8	4	✖

Ordering example for the grade WB10TJ: TC630-UNF0-A0F-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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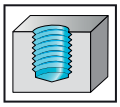
Solid carbide orbital thread mills

TC630 Supreme mm



– Universal orbital thread milling cutters
– Best running smoothness due to Walter DeVibe technology

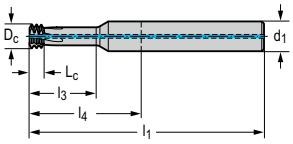
UNF
ASME B1.1



≤ 3×D_N | 15° | 48HRC | DeVibe

	P	M	K	N	S	H	O
WB10TJ	●●	●●	●●	●●	●●		●

Tool



DIN 6535 HA

Designation	D_N-P	Gear per inch	D_c mm	L_c mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10TJ
TC630-UNF8-A5F-	UNF #8-36	36	3,25	2,12	12,85	57	21	6	4	☹
TC630-UNF10-A5F-	UNF #10-32	32	3,85	2,38	15,669	57	21	6	4	☹
TC630-UNF1/4-A5F-	UNF 1/4-28	28	5,25	2,72	20,411	57	21	6	4	☹
TC630-UNF5/16-A5F-	UNF 5/16-24	24	6,55	3,18	25,4	63	27	8	4	☹
TC630-UNF7/16-A5F-	UNF 7/16-20	20	9,4	3,81	33,98	77	37	10	5	☹
TC630-UNF9/16-A5F-	UNF 9/16-18	18	12	4,23	43,57	91	46	12	5	☹

Ordering example for the grade WB10TJ: TC630-UNF1/4-A5F-WB10TJ

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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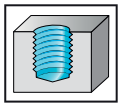
Solid carbide orbital thread mills

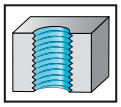
TC630 Supreme mm



– Specialist for aerospace industry
– Ideal for engine components

STI-UNF
NASM 33537





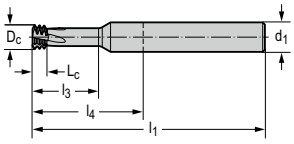
≤ 2×D_N



48HRC

	P	M	K	N	S	H	O
WB10RA	●	●●	●	●	●●		●

Tool



DIN 6535 HA

Designation	D_N-P	Gear per inch	D_c mm	L_c mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10RA
TC630-SUNF10-A0D-	STIUNF #10-32	32	4,85	2,38	12,12	57	21	6	4	●
TC630-SUNF1/4-A0D-	STIUNF 1/4-28	28	6,3	2,72	15,52	63	27	8	4	●
TC630-SUNF5/16A0D-	STIUNF 5/16-24	24	7,85	3,17	19,16	63	27	8	5	●

Ordering example for the grade WB10RA: TC630-SUNF1/4-A0D-WB10RA

C3

WALTER SELECT

●● Primary application ● Other application
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

New addition to the product range = ☺ 😐 ☹ / ★

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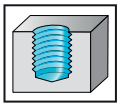
Solid carbide orbital thread mills

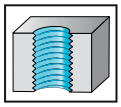
TC630 Supreme mm

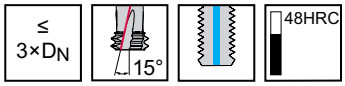


– Specialist for aerospace industry

MJ
DIN ISO 5855-1

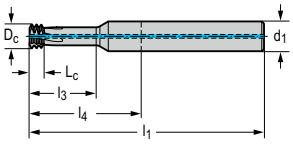






	P	M	K	N	S	H	O
WB10RA	●	●●	●	●	●●		●

Tool



DIN 6535 HA

Designation	D_N	P mm	D_c mm	L_c mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10RA
TC630-MJ4-A1F-	MJ 4	0,7	3,1	2,1	12,35	57	21	6	4	☹
TC630-MJ5-A1F-	MJ 5	0,8	4	2,4	15,4	57	21	6	4	☹
TC630-MJ6-A1F-	MJ 6	1	4,8	3	18,5	57	21	6	4	☹
TC630-MJ8-A1F-	MJ 8	1,25	6,4	3,75	24,625	63	27	8	4	☹
TC630-MJ10-A1F-	MJ 10	1,5	8,2	4,5	30,75	72	32	10	5	☹

Ordering example for the grade WB10RA: TC630-MJ10-A1F-WB10RA

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

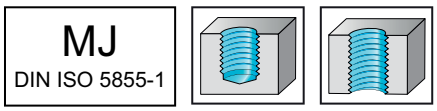
www.isotool.se
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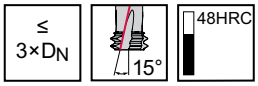
Solid carbide orbital thread mills

TC630 Supreme mm



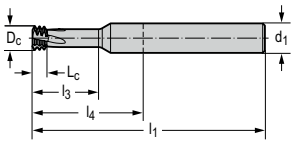
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	P	M	K	N	S	H	O
WB10RA	●	●●	●	●	●●		●

Tool

Designation	D_N	P mm	D_c mm	L_c mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10RA
 TC630-MJ3-A0F-	MJ 3	0,5	2,3	1,5	9,25	57	21	6	4	●

DIN 6535 HA

Ordering example for the grade WB10RA: TC630-MJ3-A0F-WB10RA

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

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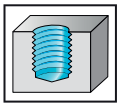
Solid carbide orbital thread mills

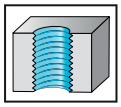
TC630 Supreme mm



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UNJF
ASME B1.15





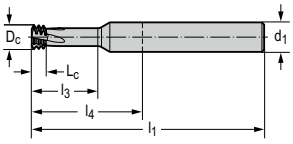
≤ 3×D_N





	P	M	K	N	S	H	O
WB10RA	●	●●	●	●	●●		●

Tool



DIN 6535 HA

Designation	D_N-P	Gear per inch	D_c mm	L_c mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10RA
TC630-UNJF4-A0F-	UNJF #4-48	48	2,2	1,59	8,799	57	21	6	4	☹
TC630-UNJF6-A0F-	UNJF #6-40	40	2,75	1,91	10,833	57	21	6	4	☹

Ordering example for the grade WB10RA: TC630-UNJF4-A0F-WB10RA

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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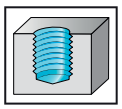
Solid carbide orbital thread mills

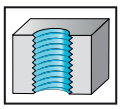
TC630 Supreme mm



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UNJF
ASME B1.15

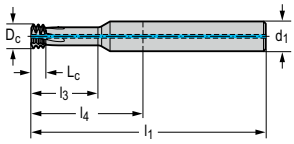




≤ 3×D_N | 15° | 48HRC

	P	M	K	N	S	H	O
WB10RA	●	●●	●	●	●●		●

Tool



DIN 6535 HA

Designation	D_N-P	Gear per inch	D_c mm	L_c mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10RA
TC630-UNJF8-A1F-	UNJF #8-36	36	3,25	2,12	12,85	57	21	6	4	●
TC630-UNJF10-A1F-	UNJF #10-32	32	3,85	2,38	14,875	57	21	6	4	●
TC630-UNJF1/4-A1F-	UNJF 1/4-28	28	5,25	2,72	19,504	57	21	6	4	●
TC630UNJF5/16-A1F-	UNJF 5/16-24	24	6,55	3,18	24,342	63	27	8	4	●
TC630-UNJF3/8-A1F-	UNJF 3/8-24	24	8,2	3,18	29,104	72	32	10	5	●
TC630UNJF7/16-A1F-	UNJF 7/16-20	20	9,4	3,81	33,973	77	37	10	5	●
TC630-UNJF1/2-A1F-	UNJF 1/2-20	20	11	3,81	38,735	87	42	12	5	●
TC630UNJF9/16-A1F-	UNJF 9/16-18	18	12	4,23	43,568	91	46	12	5	●

Ordering example for the grade WB10RA: TC630-UNJF1/2-A1F-WB10RA

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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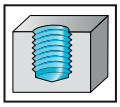
Solid carbide orbital thread mills

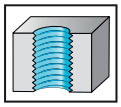
TC630 Supreme mm

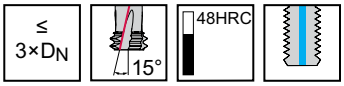


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UNJC
ASME B1.15

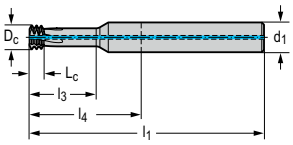






	P	M	K	N	S	H	O
WB10RA	●	●●	●	●	●●		●

Tool



DIN 6535 HA

Designation	D_N-P	Gear per inch	D_c mm	L_c mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10RA
TC630-UNJC8-A1F-	UNJC #8-32	32	3,25	2,38	12,894	57	21	6	4	●
TC630-UNJC10-A1F-	UNJC #10-24	24	3,55	3,18	15,007	57	21	6	4	●
TC630-UNJC1/4-A1F-	UNJC 1/4-20	20	4,85	3,81	19,685	57	21	6	4	●
TC630UNJC5/16-A1F-	UNJC 5/16-18	18	6,2	4,23	24,518	63	27	8	4	●
TC630-UNJC3/8-A1F-	UNJC 3/8-16	16	7,55	4,76	29,369	68	32	8	5	●
TC630UNJC7/16-A1F-	UNJC 7/16-14	14	8,9	5,44	34,245	79	39	10	5	●
TC630-UNJC1/2-A1F-	UNC 1/2-13	13	10,25	5,86	39,077	90	45	12	5	●
TC630UNJC9/16-A1F-	UNJC 9/16-12	12	11,6	6,35	43,921	92	47	12	5	●

Ordering example for the grade WB10RA: TC630-UNJC1/2-A1F-WB10RA

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

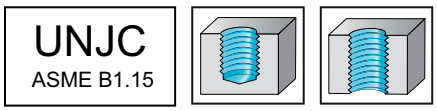
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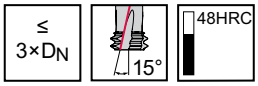
Solid carbide orbital thread mills

TC630 Supreme mm



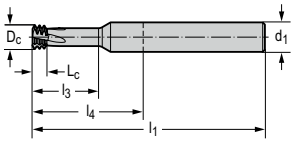
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	P	M	K	N	S	H	O
WB10RA	●	●●	●	●	●●		●

Tool



DIN 6535 HA

Designation	D_N-P	Gear per inch	D_c mm	L_c mm	l_3 mm	l_1 mm	l_4 mm	d_1 h6 mm	Z	WB10RA
TC630-UNJC4-A0F-	UNJC #4-40	40	2,1	1,91	8,852	57	21	6	4	☹
TC630-UNJC6-A0F-	UNJC #6-32	32	2,6	2,38	10,912	57	21	6	4	☹

Ordering example for the grade WB10RA: TC630-UNJC4-A0F-WB10RA

C3

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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Thread milling cutters with indexable insert

Machining				
Thread depth	1,5 x D_N	2 x D_N	2,5 x D_N	3 x D_N
				
Designation	T2710	T2711	T2712	T2713
Thread type				
M	✔	✔	✔	✔
MF	✔	✔	✔	✔
UNC / UNF / UN-8	✔	✔	✔	✔
G / Rc / Rp			✔	✔
MJ / UNJC / UNJF				
NPT / NPTF				
Pg / BSW / Tr				
Indexable inserts basic shape	✔	✔	✔	✔
Additional services				
Coolant supply	radial	radial	radial	radial
Coating / grade				
Cutting tool material	Stahl	Stahl	Stahl	Stahl
P Steel	●●	●●	●●	●●
M Stainless steel	●●	●●	●●	●●
K Cast iron	●●	●●	●●	●●
N NF metals	●	●	●	●
S Materials with difficult cutting properties	●●	●●	●●	●●
H Hard materials	●	●	●	●
O Other	●	●	●	●
Page in catalogue	492	496	500	506
QR code				
www.walter-tools.com/woc/	T2710	T2711	T2712	T2713

C3

WALTER SELECT

●● Primary application ● Other application

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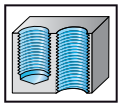
Indexable insert thread milling cutter

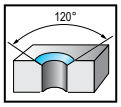
T2710 mm



– Universal indexable insert thread milling cutter
– Radius correction values: Walter GPS/Technical information

M-MF
DIN 13

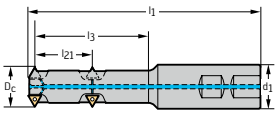
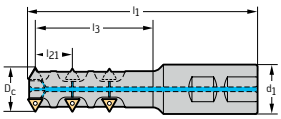




≤ 1,5×D_N

	P	M	K	N	S	H	O
T2710	●●	●●	●●	●	●●	●	●

Tool

Designation	D_N	P_{max} mm	D_c mm	l_{21} mm	l_3 mm	l_1 mm	d_1 mm	Z	Number of WSP	Type
 DIN 1835 B										
T2710-17-W16-3-06-2-15	M 20	2,5	16,5	15	33	88,4	16	3	6	P26300-06 ..
 DIN 1835 B										
T2710-19-W20-3-06-3-12	M 24	3	19	12	39,1	98,3	20	3	9	P26300-06 ..
T2710-24-W25-3-09-3-14	M 30	3,5	24	14	49,5	116,7	25	3	9	P26300-09 ..
T2710-29-W32-3-09-3-16	M 36	4	29	16	58,5	130,7	32	3	9	
T2710-35-W32-3-11-3-18	M 42	4,5	35	18	68,5	139,4	32	3	9	P26300-11 ..
T2710-40-W40-3-14-3-20	M 48	5	40	20	79	162,7	40	3	9	P26300-14 ..
T2710-44-W40-3-14-3-22	M 56	5,5	44	22	91	173,7	40	3	9	
T2710-52-W40-4-14-3-24	M 64	6	52	24	103	184,7	40	4	12	

Adjustable coolant supply: remove front-sided coolant screw for blind hole machining | Bodies and assembly parts are included in the scope of delivery

C 3

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = 😐 → Moderate = ☹

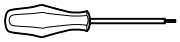
New addition to the product range = ☻ 😐 ☹ / ★

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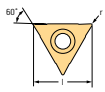
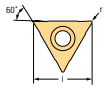
Assembly parts

	D_c [mm]	16,5–19	24–29	35	40–52
	Clamping screw for indexable insert Tightening torque	FS2147 (T6IP) 0,6 Nm	FS2111 (T7IP) 0,9 Nm	FS2061 (T7IP) 0,9 Nm	FS1457 (T9IP) 2 Nm

Accessories

	D_c [mm]	16,5–19	24–35	40–52
	Torque screwdriver, analogue	FS2001		FS2003
	Torque screwdriver, digital			FS2248
	Interchangeable blade	FS2085 (T6IP)	FS2011 (T7IP)	FS2013 (T9IP)
	Screwdriver	FS2086 (T6IP)	FS2088 (T7IP)	FS1484 (T9IP)

Indexable inserts

	Designation	Size	r mm	Gradient P mm	Gradient (G/inch)	l mm	Number of cutting edges	P HC WSM37G	M HC WSM37G	K HC WSM37G	N HC WSM37G	S HC WSM37G	H HC WSM37G
	P26300-06005-D61	06	0,06	0.90–1.6	28–16	6,73	3	😐	😐	😐	😐	😐	😐
	P26300-0601-D61	06	0,1	1.40–2.9	18–9	6,73	3	😐	😐	😐	😐	😐	😐
	P26300-0602-D61	06	0,2	3.00–3.2	8–8	6,58	3	😐	😐	😐	😐	😐	😐
	P26300-09005-D61	09	0,06	0.90–1.6	28–16	9,48	3	😐	😐	😐	😐	😐	😐
	P26300-0901-D61	09	0,1	1.40–2.9	18–9	9,48	3	😐	😐	😐	😐	😐	😐
	P26300-0902-D61	09	0,2	3.00–4.3	8–6	9,34	3	😐	😐	😐	😐	😐	😐
	P26300-11005-D61	11	0,06	0.90–1.6	28–16	10,85	3	😐	😐	😐	😐	😐	😐
	P26300-1101-D61	11	0,1	1.40–2.9	18–9	10,85	3	😐	😐	😐	😐	😐	😐
	P26300-1102-D61	11	0,2	3.00–4.5	8–6	10,71	3	😐	😐	😐	😐	😐	😐
	P26300-14005-D61	14	0,06	0.90–1.6	28–16	13,87	3	😐	😐	😐	😐	😐	😐
	P26300-1401-D61	14	0,1	1.40–2.9	18–9	13,87	3	😐	😐	😐	😐	😐	😐
	P26300-1402-D61	14	0,2	3.00–5.2	8–5	13,72	3	😐	😐	😐	😐	😐	😐
	P26300-1404-D61	14	0,4	5.50–6.4	5–4	13,43	3	😐	😐	😐	😐	😐	😐
	P26300-06005-D67	06	0,06	0.90–1.6	28–16	6,73	3	😀	😀	😀	😀	😀	😀
	P26300-0601-D67	06	0,1	1.40–2.9	18–9	6,73	3	😀	😀	😀	😀	😀	😀
	P26300-0602-D67	06	0,2	3.00–3.2	8–8	6,58	3	😀	😀	😀	😀	😀	😀
	P26300-09005-D67	09	0,06	0.90–1.6	28–16	9,48	3	😀	😀	😀	😀	😀	😀
	P26300-0901-D67	09	0,1	1.40–2.9	18–9	9,48	3	😀	😀	😀	😀	😀	😀
	P26300-0902-D67	09	0,2	3.00–4.3	8–6	9,34	3	😀	😀	😀	😀	😀	😀
	P26300-1102-D67	11	0,2	3.00–4.5	8–6	10,71	3	😀	😀	😀	😀	😀	😀
	P26300-14005-D67	14	0,06	0.90–1.6	28–16	13,87	3	😀	😀	😀	😀	😀	😀
	P26300-1401-D67	14	0,1	1.40–2.9	18–9	13,87	3	😀	😀	😀	😀	😀	😀
	P26300-1402-D67	14	0,2	3.00–5.2	8–5	13,72	3	😀	😀	😀	😀	😀	😀
	P26300-1404-D67	14	0,4	5.50–6.4	5–4	13,43	3	😀	😀	😀	😀	😀	😀

HC = beschichtetes Hartmetall

C3

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = 😀 → Good = 😐 → Moderate = 😟

😀 😐 😟 / ★ = New addition to the product range

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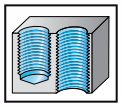
Indexable insert thread milling cutter

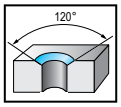
T2710 mm

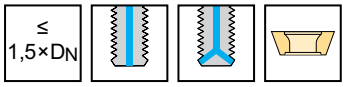


– Universal indexable insert thread milling cutter
– Radius correction values: Walter GPS/Technical information



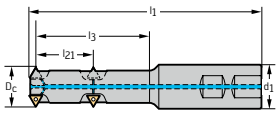
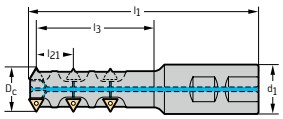






	P	M	K	N	S	H	O
T2710	●●	●●	●●	●	●●	●	●

Tool

Designation	D_N	P_{max}T-PI in	D_c mm	l_{21} mm	l_3 mm	l_1 mm	d_1 mm	Z	Number of WSP	Type
 DIN 1835 B										
T2710-18-W16-3-06-2-11.3	UNC 7/8-9	9	18	11,3	36,5	92,4	16	3	6	P26300-06 ..
 DIN 1835 B										
T2710-20-W20-3-06-3-12.7	UNC 1-8	8	20	12,7	41,1	100,3	20	3	9	P26300-06 ..
T2710-26-W25-3-09-3-12.7	UN 1.1/4-8	8	26	12,7	52,2	118,7	25	3	9	P26300-09 ..
T2710-31-W32-3-09-3-19.1	UN 1.1/2-8	8	31	19,1	63,7	134,7	32	3	9	
T2710-43-W40-4-09-3-25.4	UN 2-6	6	43	25,4	80,7	159,7	40	4	12	

Adjustable coolant supply: remove front-sided coolant screw for blind hole machining | Bodies and assembly parts are included in the scope of delivery

C3

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = 😐 → Moderate = ☹

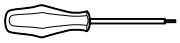
New addition to the product range = ☻ 😐 ☹ / ★

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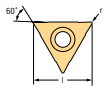
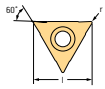
Assembly parts

	D_c [mm]	18–20	26–43
	Clamping screw for indexable insert Tightening torque	FS2147 (T6IP) 0,6 Nm	FS2111 (T7IP) 0,9 Nm

Accessories

	D_c [mm]	18–20	26–43
	Torque screwdriver, analogue	FS2001	
	Interchangeable blade	FS2085 (T6IP)	FS2011 (T7IP)
	Screwdriver	FS2086 (T6IP)	FS2088 (T7IP)

Indexable inserts

	Designation	Size	r mm	Gradient P mm	Gradient (G/inch)	l mm	Number of cutting edges	P HC WSM37G	M HC WSM37G	K HC WSM37G	N HC WSM37G	S HC WSM37G	H HC WSM37G
	P26300-06005-D61	06	0,06	0.90–1.6	28–16	6,73	3	☹	☹	☹	☹	☹	☹
	P26300-0601-D61	06	0,1	1.40–2.9	18–9	6,73	3	☹	☹	☹	☹	☹	☹
	P26300-0602-D61	06	0,2	3.00–3.2	8–8	6,58	3	☹	☹	☹	☹	☹	☹
	P26300-09005-D61	09	0,06	0.90–1.6	28–16	9,48	3	☹	☹	☹	☹	☹	☹
	P26300-0901-D61	09	0,1	1.40–2.9	18–9	9,48	3	☹	☹	☹	☹	☹	☹
	P26300-0902-D61	09	0,2	3.00–4.3	8–6	9,34	3	☹	☹	☹	☹	☹	☹
	P26300-06005-D67	06	0,06	0.90–1.6	28–16	6,73	3	😐	😐	😐	😐	😐	😐
	P26300-0601-D67	06	0,1	1.40–2.9	18–9	6,73	3	😐	😐	😐	😐	😐	😐
	P26300-0602-D67	06	0,2	3.00–3.2	8–8	6,58	3	😐	😐	😐	😐	😐	😐
	P26300-09005-D67	09	0,06	0.90–1.6	28–16	9,48	3	😐	😐	😐	😐	😐	😐
	P26300-0901-D67	09	0,1	1.40–2.9	18–9	9,48	3	😐	😐	😐	😐	😐	😐
	P26300-0902-D67	09	0,2	3.00–4.3	8–6	9,34	3	😐	😐	😐	😐	😐	😐

HC = beschichtetes Hartmetall

C3

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

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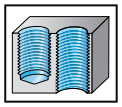
Indexable insert thread milling cutter

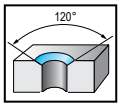
T2711 mm



– Universal indexable insert thread milling cutter
– Radius correction values: Walter GPS/Technical information

M-MF
DIN 13





≤ 2×D_N

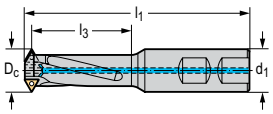
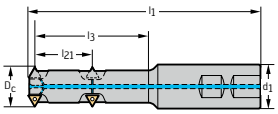
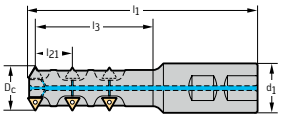






	P	M	K	N	S	H	O
T2711	●●	●●	●●	●	●●	●	●

Tool

Designation	D_N	P_{max} mm	D_c mm	l_{21} mm	l_3 mm	l_1 mm	d_1 mm	Z	Number of WSP	Type
 DIN 1835 B										
T2711-13-W16-1-06	M 16	2	13		35	92,4	16	1	1	P26300-06 ..
T2711-15-W16-2-06	M 18	2,5	14,5		39	95,4	16	2	2	
 DIN 1835 B										
T2711-17-W16-3-06-2-20	M 20	2,5	16,5	20	43	98,4	16	3	6	P26300-06 ..
T2711-19-W20-3-06-2-24	M 24	3	19	24	51	110,3	20	3	6	
T2711-24-W25-3-09-2-31.5	M 30	3,5	24	31,5	64,5	131,6	25	3	6	P26300-09 ..
T2711-52-W40-4-14-2-60	M 64	6	52	60	135	216,7	40	4	8	P26300-14 ..
 DIN 1835 B										
T2711-29-W32-3-09-3-24	M 36	4	29	24	72,1	148,7	32	3	9	P26300-09 ..
T2711-35-W32-3-11-3-27	M 42	4,5	35	27	89,5	160,4	32	3	9	P26300-11 ..
T2711-40-W40-3-14-3-30	M 48	5	40	30	103	186,7	40	3	9	P26300-14 ..
T2711-44-W40-3-14-3-33	M 56	5,5	44	33	119	201,7	40	3	9	

Adjustable coolant supply: remove front-sided coolant screw for blind hole machining | Bodies and assembly parts are included in the scope of delivery

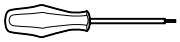
C 3

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = 😐 → Moderate = ☹

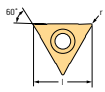
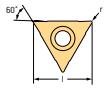
Assembly parts

	D_c [mm]	13–19	24–29	35	40–52
	Clamping screw for indexable insert Tightening torque	FS2147 (T6IP) 0,6 Nm	FS2111 (T7IP) 0,9 Nm	FS2061 (T7IP) 0,9 Nm	FS1457 (T9IP) 2 Nm

Accessories

	D_c [mm]	13–19	24–35	40–52
	Torque screwdriver, analogue	FS2001		FS2003
	Torque screwdriver, digital			FS2248
	Interchangeable blade	FS2085 (T6IP)	FS2011 (T7IP)	FS2013 (T9IP)
	Screwdriver	FS2086 (T6IP)	FS2088 (T7IP)	FS1484 (T9IP)

Indexable inserts

	Designation	Size	r mm	Gradient P mm	Gradient (G/inch)	l mm	Number of cutting edges	P HC WSM37G	M HC WSM37G	K HC WSM37G	N HC WSM37G	S HC WSM37G	H HC WSM37G
	P26300-06005-D61	06	0,06	0.90–1.6	28–16	6,73	3	😐	😐	😐	😐	😐	😐
	P26300-0601-D61	06	0,1	1.40–2.9	18–9	6,73	3	😐	😐	😐	😐	😐	😐
	P26300-0602-D61	06	0,2	3.00–3.2	8–8	6,58	3	😐	😐	😐	😐	😐	😐
	P26300-09005-D61	09	0,06	0.90–1.6	28–16	9,48	3	😐	😐	😐	😐	😐	😐
	P26300-0901-D61	09	0,1	1.40–2.9	18–9	9,48	3	😐	😐	😐	😐	😐	😐
	P26300-0902-D61	09	0,2	3.00–4.3	8–6	9,34	3	😐	😐	😐	😐	😐	😐
	P26300-11005-D61	11	0,06	0.90–1.6	28–16	10,85	3	😐	😐	😐	😐	😐	😐
	P26300-1101-D61	11	0,1	1.40–2.9	18–9	10,85	3	😐	😐	😐	😐	😐	😐
	P26300-1102-D61	11	0,2	3.00–4.5	8–6	10,71	3	😐	😐	😐	😐	😐	😐
	P26300-14005-D61	14	0,06	0.90–1.6	28–16	13,87	3	😐	😐	😐	😐	😐	😐
	P26300-1401-D61	14	0,1	1.40–2.9	18–9	13,87	3	😐	😐	😐	😐	😐	😐
	P26300-1402-D61	14	0,2	3.00–5.2	8–5	13,72	3	😐	😐	😐	😐	😐	😐
	P26300-1404-D61	14	0,4	5.50–6.4	5–4	13,43	3	😐	😐	😐	😐	😐	😐
	P26300-06005-D67	06	0,06	0.90–1.6	28–16	6,73	3	😀	😀	😀	😀	😀	😀
	P26300-0601-D67	06	0,1	1.40–2.9	18–9	6,73	3	😀	😀	😀	😀	😀	😀
	P26300-0602-D67	06	0,2	3.00–3.2	8–8	6,58	3	😀	😀	😀	😀	😀	😀
	P26300-09005-D67	09	0,06	0.90–1.6	28–16	9,48	3	😀	😀	😀	😀	😀	😀
	P26300-0901-D67	09	0,1	1.40–2.9	18–9	9,48	3	😀	😀	😀	😀	😀	😀
	P26300-0902-D67	09	0,2	3.00–4.3	8–6	9,34	3	😀	😀	😀	😀	😀	😀
	P26300-1102-D67	11	0,2	3.00–4.5	8–6	10,71	3	😀	😀	😀	😀	😀	😀
	P26300-14005-D67	14	0,06	0.90–1.6	28–16	13,87	3	😀	😀	😀	😀	😀	😀
	P26300-1401-D67	14	0,1	1.40–2.9	18–9	13,87	3	😀	😀	😀	😀	😀	😀
	P26300-1402-D67	14	0,2	3.00–5.2	8–5	13,72	3	😀	😀	😀	😀	😀	😀
	P26300-1404-D67	14	0,4	5.50–6.4	5–4	13,43	3	😀	😀	😀	😀	😀	😀

HC = beschichtetes Hartmetall

C3

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😀 😐 😟 / ★ = New addition to the product range

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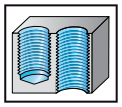
Indexable insert thread milling cutter

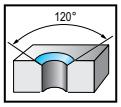
T2711 mm



– Universal indexable insert thread milling cutter
– Radius correction values: Walter GPS/Technical information

UNC/UNF
UN
ASME B1.1



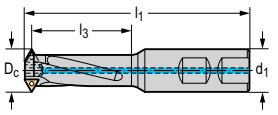


≤ 2×D_N

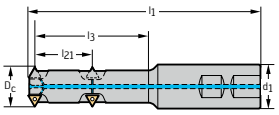
	P	M	K	N	S	H	O
T2711	●●	●●	●●	●	●●	●	●

Tool

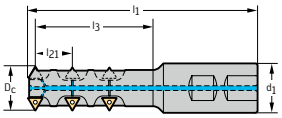
Designation	D_N	P_{max}T-Pl in	D_c mm	l_{21} mm	l_3 mm	l_1 mm	d_1 mm	Z	Number of WSP	Type
T2711-16-W16-2-06	UNC 3/4-10	10	15,5		41	97,4	16	2	2	P26300-06 ..
T2711-18-W16-3-06-2-25.4	UNC 7/8-9	9	18	25,4	47,5	103,4	16	3	6	P26300-06 ..
T2711-20-W20-3-06-2-25.4	UNC 1-8	8	20	25,4	53,9	113,3	20	3	6	
T2711-26-W25-3-09-2-32.7	UNC 1.1/4-7	7	26	32,7	68	134,6	25	3	6	P26300-09 ..
T2711-31-W32-3-09-3-25.4	UNC 1.1/2-6	6	31	25,4	80,7	152,7	32	3	9	P26300-09 ..



DIN 1835 B



DIN 1835 B



DIN 1835 B

Adjustable coolant supply: remove front-sided coolant screw for blind hole machining | Bodies and assembly parts are included in the scope of delivery

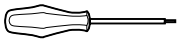
C 3

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = 😐 → Moderate = ☹

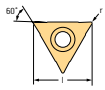
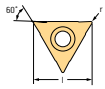
Assembly parts

	D_c [mm]	15,5–20	26–31
	Clamping screw for indexable insert Tightening torque	FS2147 (T6IP) 0,6 Nm	FS2111 (T7IP) 0,9 Nm

Accessories

	D_c [mm]	15,5–20	26–31
	Torque screwdriver, analogue	FS2001	
	Interchangeable blade	FS2085 (T6IP)	FS2011 (T7IP)
	Screwdriver	FS2086 (T6IP)	FS2088 (T7IP)

Indexable inserts

	Designation	Size	r mm	Gradient P mm	Gradient (G/inch)	l mm	Number of cutting edges	P HC WSM37G	M HC WSM37G	K HC WSM37G	N HC WSM37G	S HC WSM37G	H HC WSM37G
	P26300-06005-D61	06	0,06	0.90–1.6	28–16	6,73	3						
	P26300-0601-D61	06	0,1	1.40–2.9	18–9	6,73	3						
	P26300-0602-D61	06	0,2	3.00–3.2	8–8	6,58	3						
	P26300-09005-D61	09	0,06	0.90–1.6	28–16	9,48	3						
	P26300-0901-D61	09	0,1	1.40–2.9	18–9	9,48	3						
	P26300-0902-D61	09	0,2	3.00–4.3	8–6	9,34	3						
	P26300-06005-D67	06	0,06	0.90–1.6	28–16	6,73	3						
	P26300-0601-D67	06	0,1	1.40–2.9	18–9	6,73	3						
	P26300-0602-D67	06	0,2	3.00–3.2	8–8	6,58	3						
	P26300-09005-D67	09	0,06	0.90–1.6	28–16	9,48	3						
	P26300-0901-D67	09	0,1	1.40–2.9	18–9	9,48	3						
	P26300-0902-D67	09	0,2	3.00–4.3	8–6	9,34	3						

HC = beschichtetes Hartmetall

C3

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

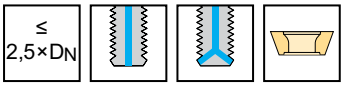
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Indexable insert thread milling cutter

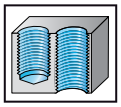
T2712 mm

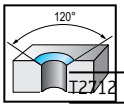


– Universal indexable insert thread milling cutter
– Radius correction values: Walter GPS/Technical information



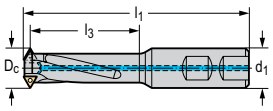
M-MF	UNC/UNF UN	G (BSP)
DIN 13	ASME B1.1	DIN EN ISO 228





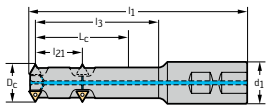
P	M	K	N	S	H	O
●●	●●	●●	●	●●	●	●

Tool



DIN 1835 B

Designation	DN	Pmax mm	Dc mm	l21 mm	Lc mm	l3 mm	l1 mm	d1 mm	Z	Number of WSP	Type
T2712-13-W16-1-06	M 16	2	13		43	43	100,4	16	1	1	P26300-06 ..
T2712-17-W16-3-06	M 20	2,5	16,5		53	53	108,4	16	3	3	
T2712-19-W20-3-06	M 24	3	19		63	63	123,3	20	3	3	
T2712-24-W25-3-09	M 30	3,5	24		79,5	79,5	147,7	25	3	3	P26300-09 ..
T2712-29-W32-3-09	M 36	4	29		94,5	94,5	166,7	32	3	3	
T2712-35-W32-3-11	M 42	4,5	35		110,5	110,5	181,4	32	3	3	P26300-11 ..
T2712-40-W40-3-14	M 48	5	40		127	127	210,7	40	3	3	P26300-14 ..
T2712-44-W40-3-14	M 56	5,5	44		147	147	229,7	40	3	3	
T2712-52-W40-4-14	M 64	6	52		167	167	248,7	40	4	4	



DIN 1835 B

Designation	DN	Pmax mm	Dc mm	l21 mm	Lc mm	l3 mm	l1 mm	d1 mm	Z	Number of WSP	Type
T2712-24-W25-3-09-2-31.5	M 30	3,5	24	31,5	63	79,5	146,6	25	3	6	P26300-09 ..
T2712-29-W32-3-09-2-36	M 36	4	29	36	72	94,5	166,6	32	3	6	
T2712-35-W32-3-11-2-40.5	M 42	4,5	35	40,5	81	110,5	180,4	32	3	6	P26300-11 ..
T2712-40-W40-3-14-2-50	M 48	5	40	50	100	127	210,7	40	3	6	P26300-14 ..

Adjustable coolant supply: remove front-sided coolant screw for blind hole machining | Bodies and assembly parts are included in the scope of delivery

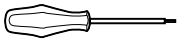
C3

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = 😐 → Moderate = ☹

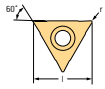
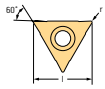
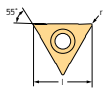
Assembly parts

	D_c [mm]	13–19	24–29	35	40–52
	Clamping screw for indexable insert Tightening torque	FS2147 (T6IP) 0,6 Nm	FS2111 (T7IP) 0,9 Nm	FS2061 (T7IP) 0,9 Nm	FS1457 (T9IP) 2 Nm

Accessories

	D_c [mm]	13–19	24–35	40–52
	Torque screwdriver, analogue	FS2001		FS2003
	Torque screwdriver, digital			FS2248
	Interchangeable blade	FS2085 (T6IP)	FS2011 (T7IP)	FS2013 (T9IP)
	Screwdriver	FS2086 (T6IP)	FS2088 (T7IP)	FS1484 (T9IP)

Indexable inserts

	Designation	Size	r mm	Gradient P mm	Gradient (G/inch)	l mm	Number of cutting edges	P HC WSM37G	M HC WSM37G	K HC WSM37G	N HC WSM37G	S HC WSM37G	H HC WSM37G
	P26300-06005-D61	06	0,06	0.90–1.6	28–16	6,73	3	☹	☹	☹	☹	☹	☹
	P26300-0601-D61	06	0,1	1.40–2.9	18–9	6,73	3	☹	☹	☹	☹	☹	☹
	P26300-0602-D61	06	0,2	3.00–3.2	8–8	6,58	3	☹	☹	☹	☹	☹	☹
	P26300-09005-D61	09	0,06	0.90–1.6	28–16	9,48	3	☹	☹	☹	☹	☹	☹
	P26300-0901-D61	09	0,1	1.40–2.9	18–9	9,48	3	☹	☹	☹	☹	☹	☹
	P26300-0902-D61	09	0,2	3.00–4.3	8–6	9,34	3	☹	☹	☹	☹	☹	☹
	P26300-11005-D61	11	0,06	0.90–1.6	28–16	10,85	3	☹	☹	☹	☹	☹	☹
	P26300-1101-D61	11	0,1	1.40–2.9	18–9	10,85	3	☹	☹	☹	☹	☹	☹
	P26300-1102-D61	11	0,2	3.00–4.5	8–6	10,71	3	☹	☹	☹	☹	☹	☹
	P26300-14005-D61	14	0,06	0.90–1.6	28–16	13,87	3	☹	☹	☹	☹	☹	☹
	P26300-1401-D61	14	0,1	1.40–2.9	18–9	13,87	3	☹	☹	☹	☹	☹	☹
	P26300-1402-D61	14	0,2	3.00–5.2	8–5	13,72	3	☹	☹	☹	☹	☹	☹
	P26300-1404-D61	14	0,4	5.50–6.4	5–4	13,43	3	☹	☹	☹	☹	☹	☹
	P26300-06005-D67	06	0,06	0.90–1.6	28–16	6,73	3	😐	😐	😐	😐	😐	😐
	P26300-0601-D67	06	0,1	1.40–2.9	18–9	6,73	3	😐	😐	😐	😐	😐	😐
	P26300-0602-D67	06	0,2	3.00–3.2	8–8	6,58	3	😐	😐	😐	😐	😐	😐
	P26300-09005-D67	09	0,06	0.90–1.6	28–16	9,48	3	😐	😐	😐	😐	😐	😐
	P26300-0901-D67	09	0,1	1.40–2.9	18–9	9,48	3	😐	😐	😐	😐	😐	😐
	P26300-0902-D67	09	0,2	3.00–4.3	8–6	9,34	3	😐	😐	😐	😐	😐	😐
	P26300-1102-D67	11	0,2	3.00–4.5	8–6	10,71	3	😐	😐	😐	😐	😐	😐
	P26300-14005-D67	14	0,06	0.90–1.6	28–16	13,87	3	😐	😐	😐	😐	😐	😐
	P26300-1401-D67	14	0,1	1.40–2.9	18–9	13,87	3	😐	😐	😐	😐	😐	😐
	P26300-1402-D67	14	0,2	3.00–5.2	8–5	13,72	3	😐	😐	😐	😐	😐	😐
	P26300-1404-D67	14	0,4	5.50–6.4	5–4	13,43	3	😐	😐	😐	😐	😐	😐
	P26310-06G14-D61	06	0,18	1.81–1.8	14–14	6,73	3	☹	☹	☹	☹	☹	☹
	P26310-09G11-D61	09	0,2	2.30–2.3	11–11	9,34	3	☹	☹	☹	☹	☹	☹
	P26310-14G11-D61	14	0,2	2.30–2.3	11–11	13,72	3	☹	☹	☹	☹	☹	☹

HC = beschichtetes Hartmetall

C3

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

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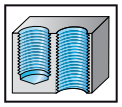
Indexable insert thread milling cutter

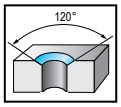
T2712 mm



– Universal indexable insert thread milling cutter
– Radius correction values: Walter GPS/Technical information

UNC/UNF
UN
ASME B1.1





≤ 2,5×D_N



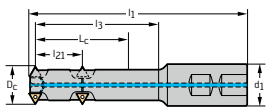




	P	M	K	N	S	H	O
T2712	●●	●●	●●	●	●●	●	●

Tool

Designation	D_N	P_{max}TPI in	D_c mm	l_{21} mm	L_c mm	l_3 mm	l_1 mm	d_1 mm	Z	Number of WSP	Type
T2712-26-W25-3-09-2-32.7	UNC 1 1/4-7	7	26	32,7	65,3	84	150,6	25	3	6	P26300-09 ..
T2712-31-W32-3-09-2-38.1	UNC 1 1/2-6	6	31	38,1	76,2	99,75	171,7	32	3	6	



DIN 1835 B

Adjustable coolant supply: remove front-sided coolant screw for blind hole machining | Bodies and assembly parts are included in the scope of delivery

C3

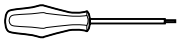
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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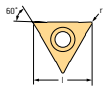
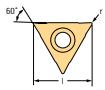
Assembly parts

	D_c [mm]	26–31
	Clamping screw for indexable insert Tightening torque	FS2111 (T7IP) 0,9 Nm

Accessories

	D_c [mm]	26–31
	Torque screwdriver, analogue	FS2001
	Interchangeable blade	FS2011 (T7IP)
	Screwdriver	FS2088 (T7IP)

Indexable inserts

	Designation	Size	r mm	Gradient P mm	Gradient (G/inch)	l mm	Number of cutting edges	P HC WSM37G	M HC WSM37G	K HC WSM37G	N HC WSM37G	S HC WSM37G	H HC WSM37G
	P26300-09005-D61	09	0,06	0.90–1.6	28–16	9,48	3	☹	☹	☹	☹	☹	☹
	P26300-0901-D61	09	0,1	1.40–2.9	18–9	9,48	3	☹	☹	☹	☹	☹	☹
	P26300-0902-D61	09	0,2	3.00–4.3	8–6	9,34	3	☹	☹	☹	☹	☹	☹
	P26300-09005-D67	09	0,06	0.90–1.6	28–16	9,48	3	😐	😐	😐	😐	😐	😐
	P26300-0901-D67	09	0,1	1.40–2.9	18–9	9,48	3	😐	😐	😐	😐	😐	😐
	P26300-0902-D67	09	0,2	3.00–4.3	8–6	9,34	3	😐	😐	😐	😐	😐	😐

HC = beschichtetes Hartmetall

C3

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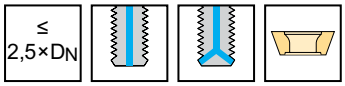
www.isotool.se
Tel. 044 - 24 55 70

Indexable insert thread milling cutter

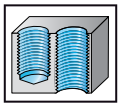
T2712 mm

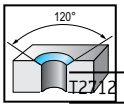


– Universal indexable insert thread milling cutter
– Radius correction values: Walter GPS/Technical information



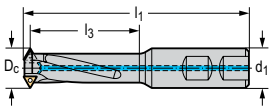
M-MF	UNC/UNF UN	G (BSP)
DIN 13	ASME B1.1	DIN EN ISO 228





P	M	K	N	S	H	O
●●	●●	●●	●	●●	●	●

Tool



DIN 1835 B

Designation	D_N	P_{max} mm	D_c mm	l_3 mm	l_1 mm	d_1 mm	Z	Number of WSP	Type
T2712-13-W16-1-06	M 16	2	13	43	100,4	16	1	1	P26300-06 ..
T2712-17-W16-3-06	M 20	2,5	16,5	53	108,4	16	3	3	
T2712-19-W20-3-06	M 24	3	19	63	123,3	20	3	3	
T2712-24-W25-3-09	M 30	3,5	24	79,5	147,7	25	3	3	P26300-09 ..
T2712-29-W32-3-09	M 36	4	29	94,5	166,7	32	3	3	
T2712-35-W32-3-11	M 42	4,5	35	110,5	181,4	32	3	3	P26300-11 ..
T2712-40-W40-3-14	M 48	5	40	127	210,7	40	3	3	P26300-14 ..
T2712-44-W40-3-14	M 56	5,5	44	147	229,7	40	3	3	
T2712-52-W40-4-14	M 64	6	52	167	248,7	40	4	4	

Adjustable coolant supply: remove front-sided coolant screw for blind hole machining | Bodies and assembly parts are included in the scope of delivery

C3

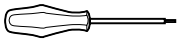
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

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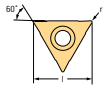
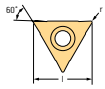
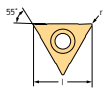
Assembly parts

	D_c [mm]	13–19	24–29	35	40–52
	Clamping screw for indexable insert Tightening torque	FS2147 (T6IP) 0,6 Nm	FS2111 (T7IP) 0,9 Nm	FS2061 (T7IP) 0,9 Nm	FS1457 (T9IP) 2 Nm

Accessories

	D_c [mm]	13–19	24–35	40–52
	Torque screwdriver, analogue	FS2001		FS2003
	Torque screwdriver, digital			FS2248
	Interchangeable blade	FS2085 (T6IP)	FS2011 (T7IP)	FS2013 (T9IP)
	Screwdriver	FS2086 (T6IP)	FS2088 (T7IP)	FS1484 (T9IP)

Indexable inserts

	Designation	Size	r mm	Gradient P mm	Gradient (G/inch)	l mm	Number of cutting edges	P HC WSM37G	M HC WSM37G	K HC WSM37G	N HC WSM37G	S HC WSM37G	H HC WSM37G
	P26300-06005-D61	06	0,06	0.90–1.6	28–16	6,73	3	☹	☹	☹	☹	☹	☹
	P26300-0601-D61	06	0,1	1.40–2.9	18–9	6,73	3	☹	☹	☹	☹	☹	☹
	P26300-0602-D61	06	0,2	3.00–3.2	8–8	6,58	3	☹	☹	☹	☹	☹	☹
	P26300-09005-D61	09	0,06	0.90–1.6	28–16	9,48	3	☹	☹	☹	☹	☹	☹
	P26300-0901-D61	09	0,1	1.40–2.9	18–9	9,48	3	☹	☹	☹	☹	☹	☹
	P26300-0902-D61	09	0,2	3.00–4.3	8–6	9,34	3	☹	☹	☹	☹	☹	☹
	P26300-11005-D61	11	0,06	0.90–1.6	28–16	10,85	3	☹	☹	☹	☹	☹	☹
	P26300-1101-D61	11	0,1	1.40–2.9	18–9	10,85	3	☹	☹	☹	☹	☹	☹
	P26300-1102-D61	11	0,2	3.00–4.5	8–6	10,71	3	☹	☹	☹	☹	☹	☹
	P26300-14005-D61	14	0,06	0.90–1.6	28–16	13,87	3	☹	☹	☹	☹	☹	☹
	P26300-1401-D61	14	0,1	1.40–2.9	18–9	13,87	3	☹	☹	☹	☹	☹	☹
	P26300-1402-D61	14	0,2	3.00–5.2	8–5	13,72	3	☹	☹	☹	☹	☹	☹
	P26300-1404-D61	14	0,4	5.50–6.4	5–4	13,43	3	☹	☹	☹	☹	☹	☹
	P26300-06005-D67	06	0,06	0.90–1.6	28–16	6,73	3	😐	😐	😐	😐	😐	😐
	P26300-0601-D67	06	0,1	1.40–2.9	18–9	6,73	3	😐	😐	😐	😐	😐	😐
	P26300-0602-D67	06	0,2	3.00–3.2	8–8	6,58	3	😐	😐	😐	😐	😐	😐
	P26300-09005-D67	09	0,06	0.90–1.6	28–16	9,48	3	😐	😐	😐	😐	😐	😐
	P26300-0901-D67	09	0,1	1.40–2.9	18–9	9,48	3	😐	😐	😐	😐	😐	😐
	P26300-0902-D67	09	0,2	3.00–4.3	8–6	9,34	3	😐	😐	😐	😐	😐	😐
	P26300-1102-D67	11	0,2	3.00–4.5	8–6	10,71	3	😐	😐	😐	😐	😐	😐
	P26300-14005-D67	14	0,06	0.90–1.6	28–16	13,87	3	😐	😐	😐	😐	😐	😐
	P26300-1401-D67	14	0,1	1.40–2.9	18–9	13,87	3	😐	😐	😐	😐	😐	😐
	P26300-1402-D67	14	0,2	3.00–5.2	8–5	13,72	3	😐	😐	😐	😐	😐	😐
	P26300-1404-D67	14	0,4	5.50–6.4	5–4	13,43	3	😐	😐	😐	😐	😐	😐
	P26310-06G14-D61	06	0,18	1.81–1.8	14–14	6,73	3	☹	☹	☹	☹	☹	☹
	P26310-09G11-D61	09	0,2	2.30–2.3	11–11	9,34	3	☹	☹	☹	☹	☹	☹
	P26310-14G11-D61	14	0,2	2.30–2.3	11–11	13,72	3	☹	☹	☹	☹	☹	☹

HC = beschichtetes Hartmetall

C3

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

☺ 😐 ☹ / ★ = New addition to the product range

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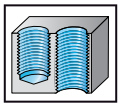
Indexable insert thread milling cutter

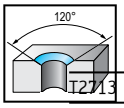
T2713 mm



– Universal indexable insert thread milling cutter
– Radius correction values: Walter GPS/Technical information

M-MF	UNC/UNF UN	G (BSP)
DIN 13	ASME B1.1	DIN EN ISO 228



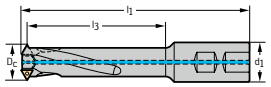


≤ 3×D_N

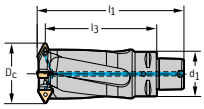
P	M	K	N	S	H	O
●●	●●	●●	●	●●	●	●

Tool

Designation	D_N	P_{max} mm	D_c mm	l_3 mm	l_1 mm	d_1 mm	Z	Number of WSP	Type
T2713-17-W16-3-06	M 20	2,5	16,5	63	118,4	16	3	3	P26300-06 ..
T2713-19-W20-3-06	M 24	3	19	75	135,3	20	3	3	
T2713-24-W25-3-09	M 30	3,5	24	94,5	162,7	25	3	3	P26300-09 ..
T2713-29-W32-3-09	M 36	4	29	112,5	184,7	32	3	3	
T2713-35-W32-3-11	M 42	4,5	35	131,5	202,4	32	3	3	P26300-11 ..
T2713-40-W40-3-14	M 48	5	40	151	234,7	40	3	3	P26300-14 ..
T2713-44-W40-3-14	M 56	5,5	44	175	257,7	40	3	3	
T2713-52-W40-4-14	M 64	6	52	199	280,7	40	4	4	
T2713-60-C5-4-14	M 72	6	60	115	151,7	50	4	4	P26300-14 ..
T2713-73-C6-5-14	M 85	6	73	125	169,7	63	5	5	
T2713-94-C8-5-22	M 125	10	94	140	198,7	80	5	5	P26300-22 ..



DIN 1835 B



Walter Capto™ in acc. with ISO 26623

Adjustable coolant supply: remove front-sided coolant screw for blind hole machining | Bodies and assembly parts are included in the scope of delivery

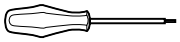
C3

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

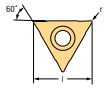
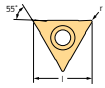
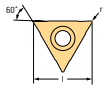
Assembly parts

	D_c [mm]	16,5–19	24–29	35	40–73	94
	Clamping screw for indexable insert Tightening torque	FS2147 (T6IP) 0,6 Nm	FS2111 (T7IP) 0,9 Nm	FS2061 (T7IP) 0,9 Nm	FS1457 (T9IP) 2 Nm	FS1495 (T20IP) 5 Nm

Accessories

	D_c [mm]	16,5–19	24–35	40–73	94
	Torque screwdriver, analogue	FS2001		FS2003	
	Torque screwdriver, digital			FS2248	
	Interchangeable blade	FS2085 (T6IP)	FS2011 (T7IP)	FS2013 (T9IP)	FS2015 (T20IP)
	Screwdriver	FS2086 (T6IP)	FS2088 (T7IP)	FS1484 (T9IP)	FS1486 (T20IP)

Indexable inserts

	Designation	Size	r mm	Gradient P mm	Gradient (G/inch)	l mm	Number of cutting edges	P HC WSM37G	M HC WSM37G	K HC WSM37G	N HC WSM37G	S HC WSM37G	H HC WSM37G
	P26300-06005-D61	06	0,06	0.90–1.6	28–16	6,73	3	☹	☹	☹	☹	☹	☹
	P26300-0601-D61	06	0,1	1.40–2.9	18–9	6,73	3	☹	☹	☹	☹	☹	☹
	P26300-0602-D61	06	0,2	3.00–3.2	8–8	6,58	3	☹	☹	☹	☹	☹	☹
	P26300-09005-D61	09	0,06	0.90–1.6	28–16	9,48	3	☹	☹	☹	☹	☹	☹
	P26300-0901-D61	09	0,1	1.40–2.9	18–9	9,48	3	☹	☹	☹	☹	☹	☹
	P26300-0902-D61	09	0,2	3.00–4.3	8–6	9,34	3	☹	☹	☹	☹	☹	☹
	P26300-11005-D61	11	0,06	0.90–1.6	28–16	10,85	3	☹	☹	☹	☹	☹	☹
	P26300-1101-D61	11	0,1	1.40–2.9	18–9	10,85	3	☹	☹	☹	☹	☹	☹
	P26300-1102-D61	11	0,2	3.00–4.5	8–6	10,71	3	☹	☹	☹	☹	☹	☹
	P26300-14005-D61	14	0,06	0.90–1.6	28–16	13,87	3	☹	☹	☹	☹	☹	☹
	P26300-1401-D61	14	0,1	1.40–2.9	18–9	13,87	3	☹	☹	☹	☹	☹	☹
	P26300-1402-D61	14	0,2	3.00–5.2	8–5	13,72	3	☹	☹	☹	☹	☹	☹
	P26300-1404-D61	14	0,4	5.50–6.4	5–4	13,43	3	☹	☹	☹	☹	☹	☹
	P26300-2204-D61	22	0,4	6.00–10.0	4–3	21,41	3	☹	☹	☹	☹	☹	☹
	P26310-06G14-D61	06	0,18	1.81–1.8	14–14	6,73	3	☹	☹	☹	☹	☹	☹
	P26310-09G11-D61	09	0,2	2.30–2.3	11–11	9,34	3	☹	☹	☹	☹	☹	☹
	P26310-14G11-D61	14	0,2	2.30–2.3	11–11	13,72	3	☹	☹	☹	☹	☹	☹
	P26300-14005-D67	14	0,06	0.90–1.6	28–16	13,87	3	☺	☺	☺	☺	☺	☺
	P26300-1401-D67	14	0,1	1.40–2.9	18–9	13,87	3	☺	☺	☺	☺	☺	☺
	P26300-1402-D67	14	0,2	3.00–5.2	8–5	13,72	3	☺	☺	☺	☺	☺	☺
	P26300-1404-D67	14	0,4	5.50–6.4	5–4	13,43	3	☺	☺	☺	☺	☺	☺

HC = beschichtetes Hartmetall

C3

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☺ 😐 ☹ / ★ = New addition to the product range

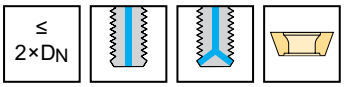
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Indexable insert thread milling cutter

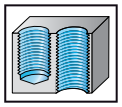
T2711 / T2712 inch

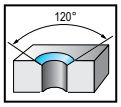


– Universal indexable insert thread milling cutter
– Radius correction values: Walter GPS/Technical information



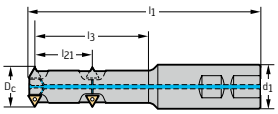
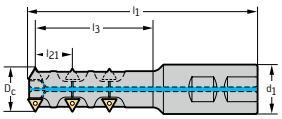
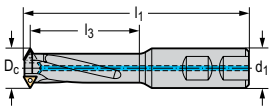
UNC/UNF
UN
ASME B1.1





	P	M	K	N	S	H	O
T2711	●●	●●	●●	●	●●	●	●
T2712	●●	●●	●●	●	●●	●	●

Tool

Designation	D_N	P_{max} T-Pl in	D_c inch	l_{21} inch	l_3 inch	l_1 inch	d_1 inch	Z	Number of WSP	Type
 DIN 1835 B										
T2711.20-W19-3-06-2-25.4	UNC 1	8	0,787	1,000	2,122	4,461	0,750	3	6	P26300-06 ..
T2711.26-W26-3-09-2-32.7	UNC 1.1/4-7	7	1,024	1,286	2,677	5,299	1,000	3	6	P26300-09 ..
 DIN 1835 B										
T2711.31-W31-3-09-3-25.4	UNC 1.1/2-6	6	1,22	1,000	3,177	5,892	1,250	3	9	P26300-09 ..
 DIN 1835 B										
T2712.20-W19-3-06	UNC 1	8	0,787		2,618	4,953	0,750	3	3	P26300-06 ..
T2712.23-W26-3-09	UNC 1 1/8	7	0,886		2,992	5,675	1,000	3	3	P26300-09 ..
T2712.28-W31-3-09	UNC 1 3/8	6	1,083		3,622	6,482	1,250	3	3	

Adjustable coolant supply: remove front-sided coolant screw for blind hole machining | Bodies and assembly parts are included in the scope of delivery

C 3

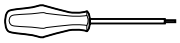
WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☻ → Good = 😐 → Moderate = ☹

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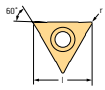
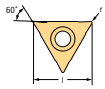
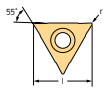
Assembly parts

	D_c [inch]	0,787	0,886–1,22
	Clamping screw for indexable insert Tightening torque	FS2147 (T6IP) 0,443 lbs	FS2111 (T7IP) 0,664 lbs

Accessories

	D_c [inch]	0,787	0,886–1,22
	Torque screwdriver, analogue	FS2002	
	Interchangeable blade	FS2085 (T6IP)	FS2011 (T7IP)
	Screwdriver	FS2086 (T6IP)	FS2088 (T7IP)

Indexable inserts

	Designation	Size	r inch	Gradient P inch	Gradient (G/inch)	l inch	Number of cutting edges	P HC WSM37G	M HC WSM37G	K HC WSM37G	N HC WSM37G	S HC WSM37G	H HC WSM37G
	P26300-06005-D61	06	0,002	0,035–0,063	28–16	0,265	3	☹	☹	☹	☹	☹	☹
	P26300-0601-D61	06	0,004	0,055–0,114	18–9	0,265	3	☹	☹	☹	☹	☹	☹
	P26300-0602-D61	06	0,008	0,118–0,126	8–8	0,259	3	☹	☹	☹	☹	☹	☹
	P26300-09005-D61	09	0,002	0,035–0,063	28–16	0,373	3	☹	☹	☹	☹	☹	☹
	P26300-0901-D61	09	0,004	0,055–0,114	18–9	0,373	3	☹	☹	☹	☹	☹	☹
	P26300-0902-D61	09	0,008	0,118–0,169	8–6	0,368	3	☹	☹	☹	☹	☹	☹
	P26300-06005-D67	06	0,002	0,035–0,063	28–16	0,265	3	😐	😐	😐	😐	😐	😐
	P26300-0601-D67	06	0,004	0,055–0,114	18–9	0,265	3	😐	😐	😐	😐	😐	😐
	P26300-0602-D67	06	0,008	0,118–0,126	8–8	0,259	3	😐	😐	😐	😐	😐	😐
	P26300-09005-D67	09	0,002	0,035–0,063	28–16	0,373	3	😐	😐	😐	😐	😐	😐
	P26300-0901-D67	09	0,004	0,055–0,114	18–9	0,373	3	😐	😐	😐	😐	😐	😐
	P26300-0902-D67	09	0,008	0,118–0,169	8–6	0,368	3	😐	😐	😐	😐	😐	😐
	P26310-06G14-D61	06	0,007	0,071–0,071	14–14	0,265	3	☹	☹	☹	☹	☹	☹
	P26310-09G11-D61	09	0,008	0,091–0,091	11–11	0,368	3	☹	☹	☹	☹	☹	☹

HC = beschichtetes Hartmetall

C3

WALTER SELECT Stability of machine, workpiece and clamping arrangement → Very good = ☺ → Good = 😐 → Moderate = ☹

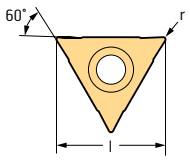
☺ 😐 ☹ / ★ = New addition to the product range

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Thread milling cutter inserts – M, MF, UNC, UNF, UN

P26300

Tiger·tec® Gold



Indexable inserts

	Designation	Size	r mm	Gradient P mm	Gradient (G/inch)	l mm	Number of cutting edges	P HC WSM37G	M HC WSM37G	K HC WSM37G	N HC WSM37G	S HC WSM37G	H HC WSM37G
	P26300-06005-D67	06	0,06	0.90–1.6	28–16	6,73	3	😐	😐	😐	😐	😐	😐
	P26300-0601-D67	06	0,1	1.40–2.9	18–9	6,73	3	😐	😐	😐	😐	😐	😐
	P26300-0602-D67	06	0,2	3.00–3.2	8–8	6,58	3	😐	😐	😐	😐	😐	😐
	P26300-09005-D67	09	0,06	0.90–1.6	28–16	9,48	3	😐	😐	😐	😐	😐	😐
	P26300-0901-D67	09	0,1	1.40–2.9	18–9	9,48	3	😐	😐	😐	😐	😐	😐
	P26300-0902-D67	09	0,2	3.00–4.3	8–6	9,34	3	😐	😐	😐	😐	😐	😐
	P26300-1102-D67	11	0,2	3.00–4.5	8–6	10,71	3	😐	😐	😐	😐	😐	😐
	P26300-14005-D67	14	0,06	0.90–1.6	28–16	13,87	3	😐	😐	😐	😐	😐	😐
	P26300-1401-D67	14	0,1	1.40–2.9	18–9	13,87	3	😐	😐	😐	😐	😐	😐
	P26300-1402-D67	14	0,2	3.00–5.2	8–5	13,72	3	😐	😐	😐	😐	😐	😐
	P26300-1404-D67	14	0,4	5.50–6.4	5–4	13,43	3	😐	😐	😐	😐	😐	😐
	P26300-06005-D61	06	0,06	0.90–1.6	28–16	6,73	3	☹	☹	☹	☹	☹	☹
	P26300-0601-D61	06	0,1	1.40–2.9	18–9	6,73	3	☹	☹	☹	☹	☹	☹
	P26300-0602-D61	06	0,2	3.00–3.2	8–8	6,58	3	☹	☹	☹	☹	☹	☹
	P26300-09005-D61	09	0,06	0.90–1.6	28–16	9,48	3	☹	☹	☹	☹	☹	☹
	P26300-0901-D61	09	0,1	1.40–2.9	18–9	9,48	3	☹	☹	☹	☹	☹	☹
	P26300-0902-D61	09	0,2	3.00–4.3	8–6	9,34	3	☹	☹	☹	☹	☹	☹
	P26300-11005-D61	11	0,06	0.90–1.6	28–16	10,85	3	☹	☹	☹	☹	☹	☹
	P26300-1101-D61	11	0,1	1.40–2.9	18–9	10,85	3	☹	☹	☹	☹	☹	☹
	P26300-1102-D61	11	0,2	3.00–4.5	8–6	10,71	3	☹	☹	☹	☹	☹	☹
	P26300-14005-D61	14	0,06	0.90–1.6	28–16	13,87	3	☹	☹	☹	☹	☹	☹
	P26300-1401-D61	14	0,1	1.40–2.9	18–9	13,87	3	☹	☹	☹	☹	☹	☹
	P26300-1402-D61	14	0,2	3.00–5.2	8–5	13,72	3	☹	☹	☹	☹	☹	☹
	P26300-1404-D61	14	0,4	5.50–6.4	5–4	13,43	3	☹	☹	☹	☹	☹	☹
	P26300-2204-D61	22	0,4	6.00–10.0	4–3	21,41	3	☹	☹	☹	☹	☹	☹

Ordering example for the grade WSM37G: P26300-06005-D67 WSM37G

HC = Coated carbide

C3

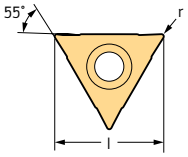
WALTER SELECT Optimum indexable insert for → Good = 😊 → Average = 😐 → Poor = ☹ machining conditions

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Thread milling cutter inserts – G (BSP)

P26310

Tiger·tec® Gold



Indexable inserts

	Designation	Size	r mm	Gradient P mm	Gradient (G/inch)	l mm	Number of cutting edges	P HC WSM37G	M HC WSM37G	K HC WSM37G	N HC WSM37G	S HC WSM37G	H HC WSM37G
	P26310-06G14-D61	06	0,18	1.81–1.8	14–14	6,73	3	☹	☹	☹	☹	☹	☹
	P26310-09G11-D61	09	0,2	2.30–2.3	11–11	9,34	3	☹	☹	☹	☹	☹	☹
	P26310-14G11-D61	14	0,2	2.30–2.3	11–11	13,72	3	☹	☹	☹	☹	☹	☹

Ordering example for the grade WSM37G: P26310-06G14-D61 WSM37G

HC = Coated carbide

C3

WALTER SELECT Optimum indexable insert for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

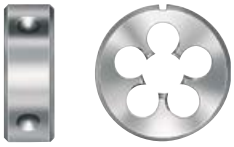
☺ 😐 ☹ / ★ = New addition to the product range

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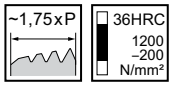
Dies

mm

Protocut®



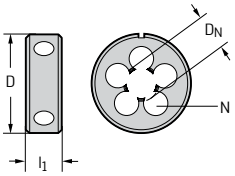
– For long- and short-chipping materials



M	6g	
DIN 13		

	P	M	K	N	S	H	O
uncoated	●●			●●			

Tool



Designation uncoated	P mm	D_N	D_N mm	D mm	l_1 mm	N
60000-M1	0,3	M 1	1	16	5	3
60000-M1.2	0,3	M 1.2	1,2	16	5	3
60000-M1.4	0,3	M 1.4	1,4	16	5	3
60000-M1.6	0,4	M 1.6	1,6	16	5	3
60000-M2	0,4	M 2	2	16	5	3
60000-M2.5	0,5	M 2.5	2,5	16	5	3
60000-M3	0,5	M 3	3	20	5	3
60000-M4	0,7	M 4	4	20	5	3
60000-M5	0,8	M 5	5	20	7	4
60000-M6	1	M 6	6	20	7	4
60000-M8	1,3	M 8	8	25	9	4
60000-M10	1,5	M 10	10	30	11	4
60000-M12	1,8	M 12	12	38	14	4
60000-M14	2	M 14	14	38	14	5
60000-M16	2	M 16	16	45	18	5
60000-M20	2,5	M 20	20	45	18	5
60000-M24	3	M 24	24	55	22	5
60000-M30	3,5	M 30	30	65	25	6

≤ M 1.4: 6 h, ≥ M 1.6: 6g

C 4

WALTER SELECT

●● Primary application ● Other application

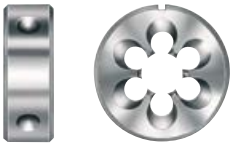
Best tool for ➔ Good = ☺ ➔ Average = 😐 ➔ Poor = ☹ machining conditions

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Dies

mm

Protocut® Inox



– For long-chipping materials

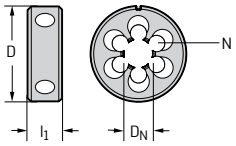
M	6g	
DIN 13		

~2,25xP

36HRC
1200
–400
N/mm²

	P	M	K	N	S	H	O
uncoated	●●	●●					

Tool



Designation uncoated	P mm	D_N	D_N mm	D mm	l_1 mm	N
60003-M2	0,4	M 2	2	16	5	4
60003-M2.5	0,5	M 2.5	2,5	16	5	4
60003-M3	0,5	M 3	3	20	5	4
60003-M3.5	0,6	M 3.5	3,5	20	5	4
60003-M4	0,7	M 4	4	20	5	4
60003-M5	0,8	M 5	5	20	7	4
60003-M6	1	M 6	6	20	7	4
60003-M7	1	M 7	7	25	9	4
60003-M8	1,3	M 8	8	25	9	5
60003-M10	1,5	M 10	10	30	11	5
60003-M12	1,8	M 12	12	38	14	5
60003-M14	2	M 14	14	38	14	5
60003-M16	2	M 16	16	45	18	5
60003-M18	2,5	M 18	18	45	18	5
60003-M20	2,5	M 20	20	45	18	5

C 4

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

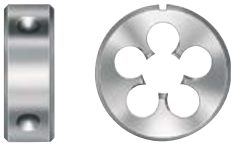
☺ 😐 ☹ / ★ = New addition to the product range

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Dies

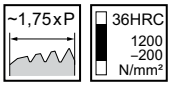
mm

Protocut®



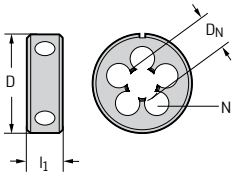
– For long- and short-chipping materials

MF	6g	
DIN 13		



	P	M	K	N	S	H	O
uncoated	●●			●●			

Tool



Designation uncoated	P mm	D_N	D_N mm	D mm	l_1 mm	N
61000-M10X1	1	MF 10x1	10	30	11	5
61000-M10X1.25	1,3	MF 10x1.25	10	30	11	5
61000-M12X1	1	MF 12x1	12	38	10	5
61000-M12X1.25	1,3	MF 12x1.25	12	38	10	5
61000-M12X1.5	1,5	MF 12x1.5	12	38	10	4
61000-M14X1	1	MF 14x1	14	38	10	5
61000-M14X1.5	1,5	MF 14x1.5	14	38	10	5
61000-M16X1	1	MF 16x1	16	45	14	5
61000-M16X1.5	1,5	MF 16x1.5	16	45	14	5
61000-M18X1	1	MF 18x1	18	45	14	5
61000-M18X1.5	1,5	MF 18x1.5	18	45	14	5
61000-M20X1	1	MF 20x1	20	45	14	6
61000-M20X1.5	1,5	MF 20x1.5	20	45	14	6
61000-M22X1.5	1,5	MF 22x1.5	22	55	16	5
61000-M24X1.5	1,5	MF 24x1.5	24	55	16	6
61000-M30X1.5	1,5	MF 30x1.5	30	65	18	6
61000-M5X0.5	0,5	MF 5x0.5	5	20	5	4
61000-M6X0.5	0,5	MF 6x0.5	6	20	5	4
61000-M6X0.75	0,8	MF 6x0.75	6	20	7	4
61000-M8X0.75	0,8	MF 8x0.75	8	25	9	5
61000-M8X1	1	MF 8x1	8	25	9	5

C 4

WALTER SELECT

●● Primary application ● Other application

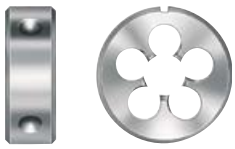
Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

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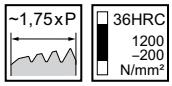
Dies

mm

Protocut®

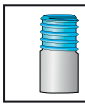


– For long- and short-chipping materials



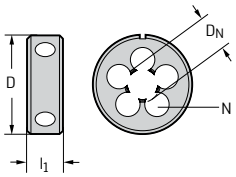
UNC
ASME B1.1

2A



	P	M	K	N	S	H	O
uncoated	●●			●●			

Tool



Designation uncoated	P	D_N	D_N mm	D mm	l_1 mm	N
62000-UNC2	56	UNC #2-56	2,2	16	5	4
62000-UNC4	40	UNC #4-40	2,8	16	5	4
62000-UNC6	32	UNC #6-32	3,5	20	7	4
62000-UNC8	32	UNC #8-32	4,2	20	7	4
62000-UNC1X8	8	UNC 1"-8	25,4	55	22	5
62000-UNC1/2	13	UNC 1/2-13	12,7	38	14	4
62000-UNC1/4	20	UNC 1/4-20	6,4	20	7	4
62000-UNC3/4	10	UNC 3/4-10	19,1	45	18	5
62000-UNC3/8	16	UNC 3/8-16	9,5	30	11	4
62000-UNC5/16	18	UNC 5/16-18	7,9	25	9	4
62000-UNC5/8	11	UNC 5/8-11	15,9	45	18	4
62000-UNC7/16	14	UNC 7/16-14	11,1	30	11	4

C 4

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

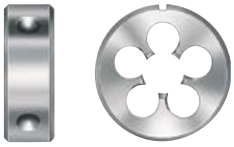
☺ 😐 ☹ / ★ = New addition to the product range

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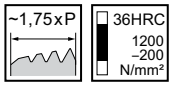
Dies

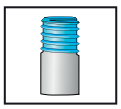
mm

Protocut®



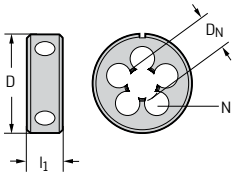
– For long- and short-chipping materials



UNF ASME B1.1	2A	

	P	M	K	N	S	H	O
uncoated	●●			●●			

Tool



Designation uncoated	P	D_N	D_N mm	D mm	l_1 mm	N
63000-UNF10	32	UNF #10-32	4,8	20	7	4
63000-UNF1/2	20	UNF 1/2-20	12,7	38	10	5
63000-UNF1/4	28	UNF 1/4-28	6,4	20	7	4
63000-UNF3/4	16	UNF 3/4-16	19,1	45	14	6
63000-UNF3/8	24	UNF 3/8-24	9,5	30	11	4
63000-UNF5/16	24	UNF 5/16-24	7,9	25	9	4
63000-UNF5/8	18	UNF 5/8-18	15,9	45	14	5
63000-UNF7/16	20	UNF 7/16-20	11,1	30	11	5
63000-UNF7/8	14	UNF 7/8-14	22,2	55	16	5
63000-UNF9/16	18	UNF 9/16-18	14,3	38	10	5

C 4

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

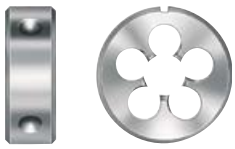
New addition to the product range = ☺ 😐 ☹ / ★

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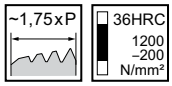
Dies

mm

Protocut®

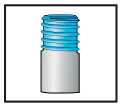


– For long- and short-chipping materials



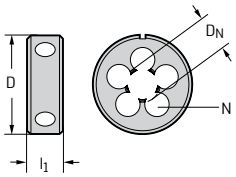
G (BSP)
DIN EN ISO 228

Class A



	P	M	K	N	S	H	O
uncoated	●●			●●			

Tool



Designation uncoated	P	D_N	D_N mm	D mm	l_1 mm	N
64000-G1	11	G 1"-11	33,2	65	18	7
64000-G1/2	14	G 1/2-14	21	45	14	6
64000-G1/4	19	G 1/4-19	13,2	38	10	5
64000-G1/8	28	G 1/8-28	9,7	30	11	5
64000-G3/4	14	G 3/4-14	26,4	55	16	6
64000-G3/8	19	G 3/8-19	16,7	45	14	5

C 4

WALTER SELECT

●● Primary application ● Other application

Best tool for → Good = ☺ → Average = 😐 → Poor = ☹ machining conditions

☺ 😐 ☹ / ★ = New addition to the product range

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Sustainable action in all Business divisions

Create the Change



Sustainability is an essential Requirement for Walter to be successful as a company on the market in the long term. It is therefore a key component of our corporate strategy. Our responsible person for sustainability encompasses all areas: from product recycling, sustainable packaging, energy efficiency and the reduction of CO_2 emissions to our commitment to health and safety and responsible behaviour towards our business partners.

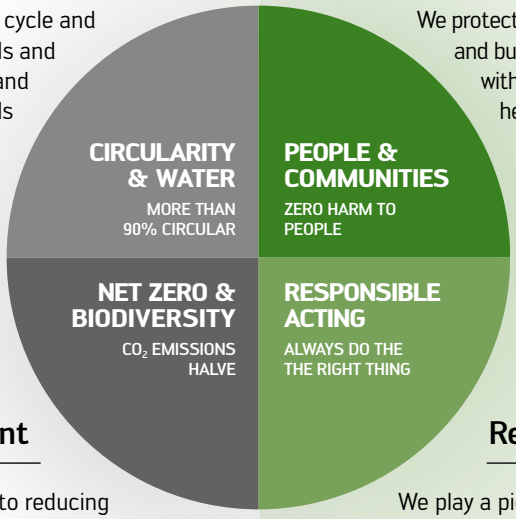
THE WALTER **SUSTAINABILITY GOALS** BY 2030

Circularity

We keep raw materials in the cycle and reuse them through circular business models and resources: e.g. through Reconditioning and recycling of tools tools, operating materials or packaging.

Human

We protect the health and safety of our employees and business partners and act in accordance with a fair Code of Conduct: e.g. by ensuring a healthy working environment and promoting diversity, equality and inclusion.



Environment

We make a significant contribution to reducing CO_2 emissions and thus our carbon footprint: e.g. by reducing or offsetting energy and emissions and sustainably optimising our processes.

Responsible person

We play a pioneering role in ethics, fairness and openness: e.g. by being transparent about sustainability goals and results and integrating compliance into our entire business operations.

PROVEN TO BE MANUFACTURED TO HIGH STANDARDS

All processes, procedures, methods and resources that we use are audited and evaluated by an independent body according to Hardness criteria: Occupational health and safety, Quality assurance and environmentally friendly behaviour are examples of this. Our social commitment shows that Walter takes his responsibility much further.

INTEGRITY NEXT

NQC

GOLD | Top 5% ecovadis Sustainability Rating JUL 2024

TYPE OF CERTIFICATION MARK DNV ISO 9001 • ISO 14001 ISO 45001 • ISO 50001

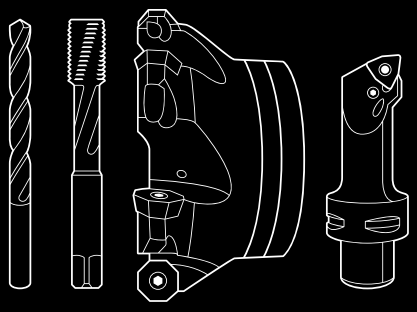
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