

New products for machining technicians

NEW WTX – Speed UNI



≤ 3xD

≤ 5xD

≤ 8xD

The new WTX – Speed UNI raises your productivity and increases process security thanks to a new geometry and new Dragonskin coating DPX14S.

NEW WTX – Feed UNI



≤ 5xD

≤ 8xD

≤ 12xD

The update means the WTX – Feed UNI is even more versatile and capable thanks to several geometrical changes and the tried-and-tested universal Dragonskin coating DPX74S. Now available from Ø 4.00 mm.

NEW WTX – Quattro 4F



≤ 5xD

≤ 8xD

≤ 12xD

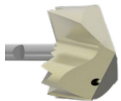
The high-performance drill with four guide lands has been made even more capable through geometrical changes and the universal Dragonskin coating DPX74S.

NEW WTX – short step drill



The WTX short step drill with tried-and-tested universal Dragonskin coating DPX74S.

NEW WTX – Change UNI



The WTX – Change UNI exchangeable head with tried-and-tested universal Dragonskin coating DPX74S.

NEW WTX – AL



≤ 5xD

≤ 8xD

≤ 12xD

DLC-coated high-performance drill for aluminium machining.

NEW WTX – H



≤ 3xD

High-performance drill for hardened steels from 45 to 70 HRC.



Solid drilling and bore machining

1 HSS drilling

2 Solid carbide drilling

3 Indexable insert drilling

4 Reaming and Countersinking

5 Spindle Tooling

Threading

6 Taps and thread formers

7 Circular and Thread Milling

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Turning

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WNT \ Performance

Premium quality tools for high performance.

The premium quality tools from the **WNT Performance** product line have been designed for specific applications and are distinguished by their outstanding performance. If you make high demands on the performance of your production and want to achieve the very best results, we recommend the Premium tools in this product line.

WNT \ Standard

Quality tools for standard applications.

The quality tools of the **WNT Standard** product line are high quality, powerful and reliable and enjoy the highest trust of our customers worldwide. Tools from this product line are the first choice for many standard applications and guarantee optimal results.

Symbol explanation

Shank



Version



Int. coolant supply



self-centering



▲ Pilot drilling
▲ min. 2xD

- = Main Application
- = Extended application

Toolfinder

Product name	Tool type	Description	Int. coolant supply	Heads	1xD	3xD	5xD	8xD	12xD
Solid carbide drilling									
WTX	Speed UNI	▲ High performance drill for high cutting speeds ▲ Using new DPX14S Dragonskin coating ▲ new cutting geometry	✓			21-24	38-42	55-58	
WTX	Feed UNI	▲ High feed drills with 3 cutting edges ▲ for difficult drilling conditions ▲ high positional accuracy	✓				38-42	55-58	63-65
WTX	UNI	▲ highest performance for all materials up to 1200 N/mm² ▲ suitable for volume production	✗ ✓			9-13 21-24	32-35 38-42		
WPC	UNI	▲ Quality Tools for Standard Applications	✗ ✓			14-17 25-28	36 50-53		66
WTX	180	▲ for inclined surfaces up to 45 ° and flat bottom holes	✓			31	54		
WTX	Quattro 4F	▲ with additional guide land for best alignment accuracy, concentricity and positional accuracy	✗ ✓				32-35 38-42		63-65
	N	▲ Uncoated solid carbide drills ▲ Universal application	✗			20	37		
Mini-drill									
WTX	MINI	▲ Standard shank Ø 3.0 mm ▲ Optimal chip formation and removal thanks to WTX flute geometry	✗ ✓				70 71		72
Drill Reamers									
WTX	Finish BR/BR100	▲ Solid carbide high performance drill reamer ▲ Excellent surface quality ▲ For blind and through holes	✓			73+74	74		
Stepped drills									
WTX	SB	▲ Core hole plus countersink for thread forming and tapping	✗			75			
NC Spot Drill									
	NC-A	▲ spiral fluted ▲ 90°, 120°, 142°	✗		76+77				
Centre drills									
	ZB	▲ spiral fluted ▲ 120°	✗		78				
Exchange head drill									
WTX	Change Feed UNI	▲ Three-edged exchangeable head drill with solid carbide drill head type Feed UNI from Ø 14.0 mm to 32.0 mm ▲ Universal application (steel, cast iron)	✓	79+80		81	81	82	
WTX	Change UNI	▲ Exchangeable head drill with type UNI solid carbide drill head from Ø 12.0 mm to 41.0 mm ▲ for steels < 700 N/mm²	✓	83-88	89	89	90	90	91
WTX	Change P	▲ Exchangeable head drill with type P solid carbide drill head from Ø 12.0 mm to 41.0 mm ▲ for steels > 700 N/mm²	✓	83-88	89	89	90	90	91
Exchangeable head NC spot drill									
	NC-A	▲ NC spot drill – Exchange Head System ▲ 90°, 120°, 142°	✗	93					

i ✗ = without through coolant

✓ = with thro' coolant

Toolfinder

	Product name	Tool type	Description	Int. coolant supply	Heads	1xD	3xD	5xD	8xD	12xD
Stainless steel	Solid carbide drilling									
	WTX	VA	▲ highest performance for corrosion and acid resistant steels and aluminium ▲ for volume production	✗ ✓			9-13 21-24	32-35 43-49	60-62	
	WPC	VA	▲ Quality tools for corrosion and acid-resistant steels and aluminum	✗ ✓			14-17 25-28	50-53		
	WTX	Speed VA	▲ double the cutting speed in corrosion and acid-resistant steels and aluminum	✓				43-49		
	Exchange head drill									
	WTX	Change VA	▲ Exchangeable head drill with solid carbide drill head type VA from Ø 12.0 mm to 32.0 mm	✓	83-88	89	89	90	90	91
Cast iron	Solid carbide drilling									
	WTX	GG	▲ highest performance in cast materials to 250 HB	✓				43-49	60-62	
	Exchange head drill									
	WTX	Change GG	▲ Exchangeable head drill with solid carbide drill head type GG from Ø 12.0 mm to 32.0 mm	✓	83-88	89	89	90	90	91
Non-ferrous metals	Solid carbide drilling									
	WTX	AL	▲ Solid carbide high performance drill, especially for the machining of aluminum, copper and brass ▲ for volume production	✓				43-49	60-62	63-65
	Exchange head drill									
	WTX	Change AL	▲ Exchangeable head drill with solid carbide drill head type AL from Ø 12.0 mm to 32.0 mm	✓	83-88	89	89	90	90	91
Heat-resistant	Solid carbide drilling									
	WTX	Ti	▲ highest performance in titanium, titanium alloys and heat resistant alloys	✓			29+30	43-49		
Tempered steel	Solid carbide drilling									
	WTX	H	▲ highest performance in hardened steel from 46 to 70 HRC	✗ ✓			19 18			
	Product name	Tool type	Description	Int. coolant supply	16xD	20xD	25xD	30xD	40xD	50xD
Steel/ Universal	Deep Hole Drills									
	WTX	TB UNI	▲ Solid carbide deep hole drill to 50xD without peck ▲ 4 facet geometry for excellent alignment accuracy	✓	67	67	68	68	69	69
Non-ferrous metals	WTX	TB ALU	▲ Solid carbide deep hole drills, up to 30xD without pecking ▲ 6-facet head geometry for excellent alignment accuracy	✓	67	67	68	68		

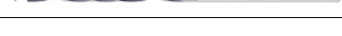
Overview Solid Carbide Drills

	Product name	Tool type	Length	Diameter in mm Ø DC	Steel Stainless steel Cast iron Non-ferrous metals Heat-resistant Hardened materials	coated uncoated WNT / Performance WNT / Standard
3xD without thro' coolant						
	WTX	UNI	≤ 3xD	3-25	● ● ○ ○ ○ ○ HA HB HE	■ 9-13
	WTX	VA	≤ 3xD	2-20	○ ● ○ ● ○ ○ HA HE	■ 9-13
	WPC	UNI	≤ 3xD	1-20	● ● ○ ○ ○ ○ HA HB	■ 14-17
	WPC	VA	≤ 3xD	1-20	○ ● ○ ● ○ ○ HA HB	■ 14-17
	WTX	H	≤ 3xD	2,55-14	● ○ ○ ○ ○ ○ HA up to 70 HRC	■ 19
		N	≤ 3xD	0,5-20	● ○ ○ ○ ○ ○	□ 20
3xD with thro' coolant						
	WTX	Speed UNI	≤ 3xD	3-20	● ● ○ ○ ○ ○ HA	■ 21-24
	WTX	UNI	≤ 3xD	3-25	● ○ ○ ○ ○ ○ HA HB HE	■ 21-24
	WTX	VA	≤ 3xD	3-20	○ ● ○ ● ○ ○ HA HE	■ 21-24
	WPC	UNI	≤ 3xD	1-20	● ○ ○ ○ ○ ○ HA HB	■ 25-28
	WPC	VA	≤ 3xD	1-20	○ ● ○ ● ○ ○ HA HE	■ 25-28
	WTX	Ti	≤ 3xD	3-20	● ○ ○ ○ ○ ○ HA	■ 29+30
	WTX	180	≤ 3xD	3-20	● ○ ○ ○ ○ ○ HA	■ 31
	WTX	H	≤ 3xD	2,55-14	○ ○ ○ ○ ○ ○ HA up to 58 HRC	■ 18
5xD without thro' coolant						
	WTX	UNI	≤ 5xD	3-20	● ● ○ ○ ○ ○ HA HB HE	■ 32-35
	WTX	Quattro 4F	≤ 5xD	3-20	● ○ ○ ○ ○ ○ HA	■ 32-35
	WTX	VA	≤ 5xD	3-20	○ ● ○ ● ○ ○ HA HE	■ 32-35
	WPC	UNI	≤ 5xD	3-20	● ● ○ ○ ○ ○ HA HB	■ 36
		N	≤ 5xD	0,5-16	● ○ ○ ○ ○ ○	□ 37

Overview Solid Carbide Drills

	Product name	Tool type	Length	Diameter in mm Ø DC	Steel Stainless steel Cast iron Non-ferrous metals Heat-resistant Hardened materials		coated uncoated	WNT Performance	WNT Standard
5xD with thro' coolant									
	WTX	Feed UNI	≤ 5xD	4-20	HA	3 flute		38-42	
	WTX	Speed UNI	≤ 5xD	3-20	HA			38-42	
	WTX	UNI	≤ 5xD	3-25	HA	HB		38-42	
	WTX	Quattro 4F	≤ 5xD	3-20	HA			38-42	
	WTX	Speed VA	≤ 5xD	3-20	HA			43-49	
	WTX	VA	≤ 5xD	3-20	HA	HE		43-49	
	WTX	GG	≤ 5xD	3-20	HA			43-49	
	WTX	AL	≤ 5xD	2,5-20	HA			43-49	
	WTX	Ti	≤ 5xD	3-20	HA			43-49	
	WPC	UNI	≤ 5xD	1-20	HA	HB		50-53	
	WPC	VA	≤ 5xD	1-20	HA	HB		50-53	
	WTX	180	≤ 5xD	3-20	HA			54	
8xD with thro' coolant									
	WTX	Feed UNI	≤ 8xD	4-20	HA	3 flute		55-58	
	WTX	Speed UNI	≤ 8xD	3-20	HA			55-58	
	WTX	UNI	≤ 8xD	3-25	HA	HB		55-58	
	WTX	Quattro 4F	≤ 8xD	3-20	HA			55-58	
	WPC	UNI	≤ 8xD	3-20	HA			59	
	WTX	VA	≤ 8xD	3-20	HA			60-62	
	WTX	GG	≤ 8xD	3-20	HA			60-62	
	WTX	AL	≤ 8xD	3-20	HA			60-62	

Overview Solid Carbide Drills

	Product name	Tool type	Length	Diameter in mm Ø DC	Steel Stainless steel Cast iron Non-ferrous metals Heat-resistant Hardened materials	coated uncoated WNT / Performance WNT / Standard
12xD with thro' coolant						
	WTX	Feed UNI	≤ 12xD	4-20	● ● ● ○ HA 	■ 63-65
	WTX	Quattro 4F	≤ 12xD	3-20	● ● ● ○ HA 	■ 63-65
	WTX	AL	≤ 12xD	3-20	● ● ○ ● HA 	■ 63-65
	WPC	UNI	≤ 12xD	3-18	● ○ ● ○ HA 	■ 66
Deep Hole Drills						
	WTX	TB UNI	≤ 16xD	2-12	● ● ● ○ HA 	■ 67
	WTX	TB UNI	≤ 25xD	2-12	● ● ● ○ HA 	■ 68
	WTX	TB UNI	≤ 40xD	3-9	● ● ● ○ HA 	■ 69
	WTX	TB UNI	≤ 50xD	3-6,8	● ● ● ○ HA 	■ 69
	WTX	TB ALU	≤ 16xD	2-12	● ● ● ○ HA 	■ 67
	WTX	TB ALU	≤ 25xD	2-12	● ● ● ○ HA 	■ 68
Micro Drills 5xD/8xD/12xD						
	WTX	MINI	≤ 5xD	0,1-2,9	● ● ○ ○ HA 	■ 70
	WTX	MINI	≤ 5xD	1,0-2,9	● ● ● ○ HA 	with thro' coolant ■ 71
	WTX	MINI	≤ 8xD	1,0-2,9	● ● ● ○ HA 	with thro' coolant ■ 71
	WTX	MINI	≤ 12xD	1,0-2,9	● ● ● ○ HA 	with thro' coolant ■ 72
Drill Reamers						
	WTX	Finish BR100	≤ 3xD	3,97-12,02	● ● ○ HA 	■ 73
	WTX	Finish BR	≤ 3xD	4-16	● ● ○ HA 	Tolerance H7 ■ 74
	WTX	Finish BR	≤ 5xD	4-20	● ● ○ HA 	Tolerance H7 ■ 74

Overview Solid Carbide Drills

	Product name	Tool type	Point angle	Diameter in mm Ø DC	Steel Stainless steel Cast iron Non-ferrous metals Heat-resistant Hardened materials		coated uncoated	WNT Performance	WNT Standard
Stepped drills									
	WTX	SB		2,5-14	● ○ ○ ○ ○ ○	Thread cutting	☒	75	
	WTX	SB		2,8-15	● ○ ○ ○ ○ ○	Thread forming	☒	75	
NC Spot Drill									
		NC-A	◁ 90° ◁ 120° ◁ 142°	2-20	● ● ● ○ ○ ○		☐	76	
		NC-A	◁ 90° ◁ 120° ◁ 142°	2-20	● ● ● ○ ○ ○		☒	76	
		NC-A	◁ 90° ◁ 120° ◁ 142°	3-16	● ● ● ○ ○ ○	Long version	☒	77	
Centre drills									
		ZB	◁ 120°	0,5-6,3	● ● ● ○ ○ ○		☐	78	
Exchangeable head system – heads									
	WTX	Change Feed		14-32	● ● ● ○ ○ ○		☒	79+80	
	WTX	Change UNI		12-41	● ● ● ○ ○ ○		☒	83-88	
	WTX	Change P		12-41	● ● ● ○ ○ ○		☒	83-88	
	WTX	Change VA		12-32	○ ● ○ ○ ○ ○		☒	83-88	
	WTX	Change GG		12-32	● ● ● ○ ○ ○		☒	83-88	
	WTX	Change ALU		12-32	● ● ● ○ ○ ○		☒	83-88	
Exchangeable head system – holders 1xD/3xD/5xD/8xD/12xD									
	WTX	Change Feed		14-32	HB			81+82	
	WTX	Change		12-41	HB			89-91	
MultiChange NC spot drill									
		NC-A	◁ 90° ◁ 120° ◁ 142°	8-20	● ● ● ○ ○ ○		☒	93	