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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

Steel/Universal

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	 55–58	
WPC	UNI	▲ Quality Tools for Standard Applications	✗ ✓			14–17 25–28	36 50–53	 59	 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	 55–58	 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	 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					

✗ = 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
	Deep Hole Drills									
Steel/ Universal	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		

✖ = without through coolant | ✓ = with thro' coolant