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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.

Symbol explanation

Shank



Version



Int. coolant supply



self-centering

- = Main Application
- = Extended application



Toolfinder

	Tool type	Material/ Coating	Description	DIN 1897	DIN 338	DIN 340	Series 1	Series 2	Series 3
				3xD	5xD	10xD	> 10xD		
Steel – Universal	VX	HSS-E TiN	▲ universal high-performance drill ▲ shank DIN 1835A ▲ self centering	8	16				
	UNI	HSS-E PM TiN	▲ wear-resistant due to HSS-E-PM and TiN coating ▲ universal high-performance drill	9-14	17-22				
	UNI	HSS-E TiN	▲ as for type VX ▲ without standard shank to DIN 1835 A ▲ available as a set	9-14	17-22	26-28			
	N	HSS vap.	▲ stable twist drill ▲ also suitable for portable drills ▲ available in set	9-14	17-22				
	WT	HSS-E vap.	▲ for high alloy steel and special alloys (Hastelloy, Inconel, Nimonic)	9-14					
	WT	HSS-E TiN	▲ as type WT HSS-E vap. ▲ higher wear resistance due to coating	9-14					
	WTL-L	HSS F-nit	▲ left-hand cutting ▲ nitrided cutting edge giving increased wear protection to cutting corners and guide lands	15	23				
	WNXi	HSS-E	▲ very good chip evacuation with thro' coolant ▲ for long chipping materials to 1000 N/mm ²		25				
	WNXi	HSS-E TiN	▲ as type WNXi HSS-E ▲ higher wear resistance due to coating		25				
	WTL	HSS-E F-nit	▲ special flute profile with large chip gullet ▲ nitrided cutting edge giving increased wear protection to cutting corners and guide lands		17-22	26-28			
	WTL	HSS-E TiN	▲ as WTL HSS-E, but higher v _c and wear resistance due to coating ▲ suitable for steel and cast iron		17-22				
	WTL	HSS-E TiCN	▲ as WTL TiN, but higher v _c and wear resistance possible with high alloy steels		23				
	WTL	HSS F-nit	▲ special flute profile with large chip gullet ▲ nitrided cutting edge giving increased wear protection to cutting corners and guide lands			26-28	29	30	30
	WTL	HSS TiN	▲ as WTL HSS, but higher v _c and wear resistance due to coating			26-28			
	WNX	HSS-E	▲ wide chip flutes for long-chipping materials ▲ self-centring	9-14					
	Stainless steel	NC	HSS	▲ suitable for use with drill bushes ▲ very good chip evacuation with thro' coolant			25		
NC		HSS TiAlN	▲ as NC, but higher v _c and wear resistance due to coating			25			
Non-ferrous metals	VA	HSS-E	▲ specialist for stainless and acid-resistant materials ▲ special geometry	9-14	17-22				
	W	HSS	▲ specialist for non-ferrous metals		17-22				
	WTW	HSS	▲ for non-ferrous metals to 500 N/mm ² ▲ for deep holes			26-28			