

HSS Drills Overview

Tool type	Material Coating	Point angle	Diameter in mm DC	Material compatibility	Coating	WNT \ Performance

3xD without thro' coolant

	VX	HSS-E TiN	118°	2-20			8
	UNI	HSS-E PM TiN	130°	1-14			9-14
	UNI	HSS-E TiN	118°	1-14			9-14
	N	HSS vap.	118°	0,4-20			9-14
	VA	HSS-E	130°	1-12			9-14
	WNX	HSS-E	130°	1-20			9-14
	WT	HSS-E vap.	130°	0,4-25			9-14
	WT	HSS-E TiN	130°	1-20			9-14
	WTL-L	HSS F-nit	130°	1-19		left-hand cutting	15

5xD without thro' coolant

	VX	HSS-E TiN	118°	2-20			16
	UNI	HSS-E PM TiN	130°	1-14			17-22
	UNI	HSS-E TiN	118°	0,9-14			17-22
	N	HSS vap.	118°	0,2-20			17-22
	VA	HSS-E	130°	1-12			17-22
	WTL	HSS-E F-nit	130°	1-16			17-22
	WTL	HSS-E TiN	130°	1-16			17-22
	WTL	HSS-E TiCN	130°	3-12			23
	W	HSS	130°	0,20-20			17-22
	WTL-L	HSS F-nit	130°	1-16		left-hand cutting	23

HSS Drills Overview

Tool type	Material Coating	Point angle	Diameter in mm	DC	Material compatibility	Coating	WNT \ Performance
					Steel Stainless steel Cast iron Non-ferrous metals Heat-resistant Hardened materials	<input type="checkbox"/> coated <input type="checkbox"/> uncoated	

5xD with thro' coolant

	WNXi	HSS-E	130°	5-20		<input type="checkbox"/>	25
	WNXi	HSS-E TiN	130°	5-20		<input checked="" type="checkbox"/>	25

up to 10xD without thro' coolant

	UNI	HSS-E TiN	118°	1-14		<input checked="" type="checkbox"/>	26-28
	WTL	HSS TiN	130°	1-14		<input checked="" type="checkbox"/>	26-28
	WTL	HSS-E F-nit.	130°	1-12		<input checked="" type="checkbox"/>	26-28
	WTL	HSS F-nit.	130°	1-14		<input checked="" type="checkbox"/>	26-28
	WTW	HSS	130°	1-14		<input type="checkbox"/>	26-28

up to 10xD with thro' coolant

	NC	HSS	130°	3-13		<input type="checkbox"/>	25
	NC	HSS TiAlN	130°	3-13		<input checked="" type="checkbox"/>	25

over 10xD without thro' coolant

	WTL	HSS Series 1	130°	2-13		<input checked="" type="checkbox"/>	29
	WTL	HSS Series 2	130°	2-13		<input checked="" type="checkbox"/>	30
	WTL	HSS Series 3	130°	2,5-13		<input checked="" type="checkbox"/>	30

Mini-drill

	N	HSS-E PM	118°	0,15-1,45		<input type="checkbox"/>	31
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Twist Drill Sets

	N	HSS vap.	118°	1-10		<input checked="" type="checkbox"/>	24
	UNI	HSS-E TiN	118°	1-10		<input checked="" type="checkbox"/>	24