

SuperV-drills

Type	Shank	Drilling depth	Tool material	Surface	Standard	d1
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SuperV-drills without internal coolant



SuperV-F	DZ	3 x D	Solid carbide	TiN	DIN 6539	3.000 - 14.000
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SuperV-U	DZ	3 x D	Solid carbide	TiN	DIN 6539	3.000 - 16.000
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SuperV-U	DZ	5 x D	Solid carbide	TiN	Stock std.	5.000 - 16.000
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SuperV-U	HA	3 x D	Solid carbide	TiN	DIN 6537	3.000 - 20.000
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SuperV-U	HA	3 x D	Solid carbide	FIRE	DIN 6537	3.000 - 16.000
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SuperV-U	HE	3 x D	Solid carbide	TiN	DIN 6537	3.000 - 20.000
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SuperV-U	HE	3 x D	Solid carbide	FIRE	DIN 6537	3.000 - 20.000
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SuperV-U	HA	5 x D	Solid carbide	FIRE	DIN 6537	3.000 - 16.000
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SuperV-U	HE	5 x D	Solid carbide	TiN	DIN 6537	3.000 - 16.000
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SuperV-U	HE	5 x D	Solid carbide	FIRE	DIN 6537	3.000 - 16.000
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SuperV-drills with internal coolant



SuperV-IK-F	HE	3 x D	Solid carbide	TiN	DIN 6537	4.000 - 24.500
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SuperV-IK-F	HE	3 x D	Solid carbide	FIRE	DIN 6537	5.000 - 16.000
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SuperV-drills

Type	Shank	Drilling depth	Tool material	Surface	Standard	d1
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SuperV-drills with internal coolant



SuperV-IK-U	HA	3 x D	Solid carbide	TiN	DIN 6537	4.000 - 20.000
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SuperV-IK-U	HA	3 x D	Solid carbide	FIRE	DIN 6537	3.000 - 20.000
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SuperV-IK-U	HE	3 x D	Solid carbide	TiN	DIN 6537	4.000 - 20.000
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SuperV-IK-U	HE	3 x D	Solid carbide	FIRE	DIN 6537	3.000 - 20.000
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Super V90-U	HE	3 x D	Carbide	TiN	DIN 6538	9.500 - 24.000
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V95-GG	HA	4 x D	Solid carbide	bright	Stock std.	4.000 - 21.000
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SuperV-IK-F	HE	5 x D	Solid carbide	TiN	DIN 6537	4.000 - 25.000
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SuperV-IK-F	HE	5 x D	Solid carbide	FIRE	DIN 6537	5.000 - 18.000
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SuperV-IK-U	HA	5 x D	Solid carbide	TiN	DIN 6537	3.000 - 20.000
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SuperV-IK-U	HA	5 x D	Solid carbide	FIRE	DIN 6537	3.000 - 20.000
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SuperV-IK-U	HE	5 x D	Solid carbide	TiN	DIN 6537	3.000 - 20.000
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SuperV-IK-U	HE	5 x D	Solid carbide	FIRE	DIN 6537	3.000 - 20.000
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Super V90-U	HE	5 x D	Carbide	TiN	DIN 6538	10.000 - 22.000
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SuperV-drills

Type	Shank	Drilling depth	Tool material	Surface	Standard	d1
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SuperV-drills with internal coolant



SuperV-IK-U	HA	7 x D	Solid carbide	TiN	Stock std.	5.000 - 20.000
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SuperV-IK-U	HA	7 x D	Solid carbide	FIRE	Stock std.	5.000 - 20.000
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SuperV-IK-U	HE	7 x D	Solid carbide	FIRE	Stock std.	5.000 - 20.000
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Super V90-U	HE	7 x D	Carbide	TiN	DIN 6538	10.000 - 18.000
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V95-GG	HA	7 x D	Solid carbide	bright	Stock std.	3.000 - 20.000
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V95-GG	HA	10 x D	Solid carbide	bright	Stock std.	4.000 - 20.000
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SuperV-IK-U	HA	12 x D	Solid carbide	FIRE	Stock std.	4.000 - 20.000
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V95-GN	HA	15 x D	Solid carbide	bright	Stock std.	5.000 - 14.000
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SuperV drills, 3-fluted



V83-G	DZ	5 x D	Solid carbide	bright	DIN 6539	3.000 - 20.000
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V83-GAL	HA	5 x D	Solid carbide	bright	DIN 6537	5.000 - 20.000
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SuperV-drills

Type	Shank	Drilling depth	Tool material	Surface	Standard	d1
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Drilling system type SuperV-AP mini



V-AP

Solid Carbide

bright

Stock std.

11.50 - 25.50



V-AP

Solid Carbide

TIN

Stock std.

11.50 - 25.50



V-AP

Solid Carbide

FIRE

Stock std.

11.50 - 25.50



V-AP

HE

3 x D

Stock std.

11.50 - 25.99



V-AP

HE

5 x D

Stock std.

11.50 - 25.99



V-AP

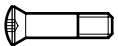
HE

7 x D

Stock std.

11.50 - 25.99

Accessories for drilling system SuperV mini



locking screw

Stock std.

T7 - T20



Screw driver







Stock std.

T7 - T20





SuperV-drills

Type	Shank	Drilling depth	Tool material	Surface	Standard	d1
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Drilling system type SuperV-AP maxi

	V-AP		Solid Carbide	bright	Stock std.	16.00 - 40.50
	V-AP		Solid Carbide	TIN	Stock std.	16.00 - 40.50
	V-AP		Solid Carbide	FIRE	Stock std.	16.00 - 40.50
	V-AP	HE	3 x D		Stock std.	16.00 - 40.50
	V-AP	HE	5 x D		Stock std.	16.00 - 40.50
	V-AP	HE	7 x D		Stock std.	16.00 - 40.50

Accessories for drilling system SuperV maxi

	locking screw				Stock std.	T6 - T10
	Screw driver				Stock std.	T6 - T10
	Torx-Bit				Stock std.	T6 - T10
	Torque driver				Stock std.	1/4"

Straight shank twist drills

Type	Cutting direction	Drilling depth	Tool material	Surface	Standard	d1
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Stub drills



N	right-hand		HSS	bright	DIN 1897	0.500 - 32.000
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N	left-hand		HSS	bright	DIN 1897	0.500 - 16.250
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N	right-hand		HSS	bright/steam >2,36	DIN 1897	2.000 - 30.000
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N	left-hand		HSS	bright/steam >6,0	DIN 1897	2.000 - 26.500
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N	right-hand		HSS	TiN	DIN 1897	1.000 - 13.000
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N	right-hand		M42	bright	DIN 1897	1.000 - 10.000
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N	right-hand		Solid carbide	bright	DIN 6539	1.000 - 12.000
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N	right-hand		Solid carbide	FIRE	DIN 6539	1.000 - 12.000
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NX	right-hand		HSS-Co	bright	DIN 1897	1.000 - 14.000
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NX	right-hand		HSS-Co	TiN	DIN 1897	1.000 - 14.000
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V97	right-hand		HSS	nitrided lands	DIN 1897	1.000 - 16.000
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V97	right-hand		HSS-Co	FIRE	DIN 1897	1.000 - 16.000
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V-PM	right-hand		HSS-E-PM	FIRE	DIN 1897	2.000 - 13.000
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Straight shank twist drills

Type	Cutting direction	Drilling depth	Tool material	Surface	Standard	d1
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Stub drills



V-PM	right-hand		HSS-E-PM	TiN	DIN 1897	1.000 - 14.000
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VX	right-hand		HSS-Co	bright/steam >2,36	DIN 1897	1.000 - 13.000
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VX	right-hand		HSS-Co	TiN	DIN 1897	1.000 - 12.500
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V72	right-hand		HSS	bright	DIN 1897	1.000 - 16.000
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V72	left-hand		HSS	bright	DIN 1897	1.000 - 16.000
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Jobber drills



N	right-hand		HSS	bright	DIN 338	0.200 - 16.000
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N	left-hand		HSS	bright	DIN 338	0.900 - 11.500
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N	right-hand		HSS	bright/steam >2,36	DIN 338	2.000 - 20.000
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N	right-hand		HSS	TiN	DIN 338	1.000 - 16.000
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N	right-hand		HSS-Co	bright/steam >2,36	DIN 338	1.000 - 15.000
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N	right-hand		M42	bright	DIN 338	1.000 - 15.500
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N	right-hand		Solid carbide	bright	Stock std.	1.000 - 12.000
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Straight shank twist drills

Type	Cutting direction	Drilling depth	Tool material	Surface	Standard	d1
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Jobber drills



H	right-hand		HSS	bright	DIN 338	1.000 - 12.000
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NX	right-hand		HSS-Co	bright	DIN 338	1.000 - 14.000
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NX	right-hand		HSS-Co	TiN	DIN 338	1.000 - 14.000
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V66	right-hand		HSS-Co	bright/n. lands>2,0	DIN 338	0.800 - 13.500
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V66 Ti	right-hand		HSS-Co	bright	DIN 338	1.000 - 16.000
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V66 Ti	right-hand		HSS-Co	TiN	DIN 338	1.000 - 13.500
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V66 Ti	right-hand		HSS-Co	FIRE	DIN 338	2.000 - 13.000
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V70	right-hand		HSS	bright	DIN 338	1.500 - 16.000
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V70	left-hand		HSS	bright	DIN 338	1.500 - 15.000
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V70	right-hand		HSS	TiN	DIN 338	1.500 - 16.000
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V70	right-hand		HSS-Co	nitrided lands	DIN 338	1.500 - 13.000
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V70	right-hand		HSS-Co	TiN	DIN 338	1.500 - 13.000
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V72	right-hand		HSS	bright	DIN 338	0.500 - 13.000
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Straight shank twist drills

Type	Cutting direction	Drilling depth	Tool material	Surface	Standard	d1
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Jobber drills



V72	left-hand		HSS	bright	DIN 338	0.500 - 13.000
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V97	right-hand		HSS	FIRE	DIN 338	2.000 - 10.000
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V97	right-hand		HSS-Co	FIRE	DIN 338	1.000 - 13.000
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V-PM	right-hand		HSS-E-PM	TiN	DIN 338	1.000 - 14.000
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Set of jobber drills in metal case



N	right-hand		HSS	bright/steam	DIN 338	
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Set of jobber drills

						Metal boxes
						Stand
N	right-hand		HSS	bright/steam	DIN 338	

Twist drills with reinforced shank



NX	right-hand		HSS-Co	TiN	Stock std.	2.000 - 20.000
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NX	right-hand		HSS-Co	TiN	Stock std.	2.000 - 20.000
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V-PM	right-hand		HSS-E-PM	FIRE	Stock std.	2.000 - 13.000
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Straight shank twist drills

Type	Cutting direction	Drilling depth	Tool material	Surface	Standard	d1
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Stub drills with 16.0 mm dia. shank



V72	right-hand		HSS-Co	bright	Stock std.	16.000 - 30.000
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Stub drills with 25.4 mm dia. shank



V72	right-hand		HSS-Co	bright	Stock std.	28.000 - 40.000
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Long series twist drills



N	right-hand		HSS	bright	DIN 340	0.500 - 16.500
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N	right-hand		HSS	bright/steam >2,36	DIN 340	2.000 - 24.000
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N	right-hand		HSS	TiN	DIN 340	1.500 - 14.500
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V66	right-hand		HSS-Co	bright	DIN 340	1.000 - 13.000
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V70	right-hand		HSS	bright	DIN 340	1.500 - 12.000
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V70	left-hand		HSS	bright	DIN 340	1.500 - 13.000
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V70	right-hand		HSS	TiN	DIN 340	2.000 - 12.000
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V73	right-hand		HSS	nitrided lands	DIN 340	1.500 - 13.000
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V73	right-hand		HSS-Co	nitrided lands	DIN 340	1.500 - 13.000
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Straight shank twist drills

Type	Cutting direction	Drilling depth	Tool material	Surface	Standard	d1
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Extra long twist drills, series 1



V63	right-hand		HSS	bright/n.lands>2,36	DIN 1869	2.000 - 13.000
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V63	right-hand		HSS	TiN	DIN 1869	3.000 - 12.700
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V63	right-hand		HSS-Co	nitrided lands	DIN 1869	3.000 - 12.700
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Extra long twist drills, series 2



V63	right-hand		HSS	nitrided lands	DIN 1869	3.000 - 12.700
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V63	right-hand		HSS	TiN	DIN 1869	4.000 - 8.000
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V63	right-hand		HSS-Co	nitrided lands	DIN 1869	3.000 - 10.000
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Extra long twist drills series 3



V63	right-hand		HSS	nitrided lands	DIN 1869	3.500 - 13.000
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Extra long twist drills



V63	right-hand		HSS	nitrided lands	Stock std.	6.000 - 12.000
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V63	right-hand		HSS	bright	Stock std.	8.000 - 12.000
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Straight shank twist drills

Type	Cutting direction	Drilling depth	Tool material	Surface	Standard	d1
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Bushing drills



N	right-hand		HSS	bright/steam >2,36	DIN 339	1.000 - 19.500
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Oil feed drills



V94-IK	right-hand		HSS-Co	bright	Stock std.	5.000 - 16.000
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V94-IK	right-hand		HSS-Co	TiN	Stock std.	5.000 - 16.000
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V73-IK	right-hand		HSS	bright	Stock std.	3.000 - 12.000
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Micro-precision drills



N	right-hand		HSS-Co	bright	DIN 1899	0.050 - 1.450
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SuperV-NX	right-hand	4 x D	Solid carbide	AlTiN	Stock std.	0.800 - 3.000
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SuperV-NX	right-hand	7 x D	Solid carbide	AlTiN	Stock std.	0.800 - 3.000
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Taper pin drills



N	right-hand		HSS	bright/steam >2,36	DIN 1898	2.000 - 10.000
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Special drills with carbide blade



N	right-hand		Carbide	bright	DIN 8037	3.000 - 18.000
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Straight shank twist drills

Type	Cutting direction	Point angle °	Tool material	Surface	Standard	d1
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NC-spotting drills



N	right-hand	90	HSS	bright	Stock std.	3.000 - 25.400
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N	right-hand	90	Solid carbide	bright	Stock std.	5.000 - 20.000
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N	right-hand	120	HSS	bright	Stock std.	3.000 - 25.400
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N	right-hand	120	Solid carbide	bright	Stock std.	5.000 - 20.000
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Taper shank twist drills

Type		Tool material	Surface	Standard	d1
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Short length



N		HSS-Co8	bright	Stock std.	10.000 - 18.500
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N		HSS-Co8	bright	Stock std.	12.000 - 30.000
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Standard length



N		HSS	steam tempered	DIN 345	4.000 - 53.500
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N		HSS	TiN	DIN 345	10.000 - 25.000
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N		HSS-Co	steam tempered	DIN 345	5.000 - 25.000
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V70		HSS	bright	DIN 345	7.940 - 32.000
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V66 Ti		HSS-Co	bright	DIN 345	8.000 - 32.000
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V66 Ti	with oversized MT	HSS-Co	bright	DIN 346	11.000 - 29.000
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Extra long twist drills, series 1



V63		HSS	n.lands/steam>16.0	DIN 1870	7.940 - 30.000
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Extra long twist drills, series 2



V63		HSS	n.lands/steam>16.0	DIN 1870	7.940 - 31.750
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Taper shank twist drills

Type		Tool material	Surface	Standard	d1
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Bushing drills



N		HSS	steam tempered	DIN 341	5.000 - 36.000
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V70		HSS	bright	DIN 341	7.940 - 50.000
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Twist drills with internal coolant



V70-IK		HSS-Co	steam tempered	Stock std.	14.500 - 32.000
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V70-IK	oversize Morse taper	HSS-Co	steam tempered	Stock std.	8.000 - 31.500
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Deep hole twist drills with internal coolant



V63-IK	series 1	HSS-Co	steam tempered	Stock std.	14.290 - 32.000
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V63-IK	series 1, overs. MT	HSS-Co	steam tempered	Stock std.	8.000 - 14.000
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V63-IK	series 2	HSS-Co	steam tempered	Stock std.	14.500 - 32.000
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V63-IK	series 2, overs. MT	HSS-Co	steam tempered	Stock std.	8.000 - 32.000
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Coolant feeding „System Stock“

MK2 - MK4

Special drills with carbide blade



N		Carbide	bright	DIN 8041	10.000 - 22.000
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Subland drills

Type	Form	Step angle°	Tool material	Surface	Standard	d1
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Straight shank subland drills



N	fine	90	HSS	steam tempered	DIN 8374	6.000 - 19.000
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N	tap. size	90	HSS	steam tempered	DIN 8378	3.400 - 13.500
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N	medial	180	HSS	steam tempered	DIN 8376	6.000 - 18.000
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Taper shank subland drills



N	tap. size	90	HSS	steam tempered	DIN 8379	9.000 - 22.000
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N	medial	180	HSS	steam tempered	DIN 8377	10.000 - 26.000
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Center drills

Form	Cutting direction		Tool material	Surface	Standard	d1
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Center drills without flat



A	right-hand		HSS	bright	DIN 333	0.500 - 12.500
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A	left-hand		HSS	bright	DIN 333	0.500 - 8.000
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A	right-hand		Solid carbide	bright	Stock std.	1.000 - 6.300
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A	right-hand	reinf. neck	HSS	bright	Stock std.	1.000 - 6.300
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B	right-hand		HSS	bright	DIN 333	1.000 - 6.300
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R	right-hand		HSS	bright	DIN 333	0.500 - 10.000
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R	right-hand		HSS	TiN	DIN 333	0.800 - 6.300
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Center drills with flat



A	right-hand		HSS	bright	Stock std.	1.600 - 6.300
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R	right-hand		HSS	bright	Stock std.	1.600 - 8.000
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Core drills

Type	Cutting direction	Drilling depth	Tool material	Surface	Standard	d1
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Straight shank core drills



N	right-hand		HSS	steam tempered	DIN 344	4.800 - 20.000
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Taper shank core drills



N	right-hand		HSS	steam tempered	DIN 343	8.000 - 25.500
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