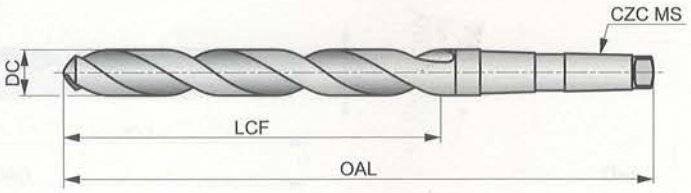
A350

DORMER

HSS Long Series Taper Shank Drill, Steam Tempered Finish

Recommended for drilling deep holes or for applications where increased reach is required. Steam tempered finish retains cutting fluid and prevents chip to tool welding. A 118° point angle is easy to regrind and provides strength. Suitable for drilling many materials.



HSS	DIN 341	6×D
118°	ST	
λ 20-35°	R	DC h8

Workpiece material group suitability, starting values for cutting speed (m/min) and feed Alpha Code. Tables with feed per revolution can be found starting from page 175.

P1.1	P1.2	P1.3	P2.1	P2.2	P2.3	P3.1	P3.2	P3.3	P4.1	P4.2	P4.3	M1.1	M1.2
■27 I	■30 I	■31 I	■23 I	◩20 G	◩18 E	◩15 F	◩12 F	◩10 E	◩9 F	◩7 E	◩6 D	◩18 E	◩15 E
M2.1	**M2.2**	**M3.1**	**M3.2**	**M3.3**	**M4.1**	**K1.1**	**K1.2**	**K1.3**	**K2.1**	**K2.2**	**K2.3**	**K3.1**	**K3.2**
◩16 E	◩13 E	◩5 G	◩4 G	◩4 G	◩8 C	◩26 I	◩19 F	◩14 F	◩22 E	◩18 E	◩14 E	◩20 E	◩15 E
K3.3	**K4.1**	**K4.2**	**K4.3**	**K4.4**	**K4.5**	**K5.1**	**K5.2**	**K5.3**	**N1.1**	**N1.2**	**N1.3**	**N2.1**	**N2.2**
◩12 E	◩18 E	◩14 E	◩10 E	◩9 E	◩7 E	◩21 E	◩15 E	◩12 E	◩33 J	◩25 J	◩17 I	◩42 H	◩37 H
N2.3	**N3.1**	**N3.2**	**N3.3**	**N4.1**	**N4.2**	**N4.3**	**S1.1**	**S1.2**	**S1.3**	**S2.1**	**S2.2**	**S3.1**	**S3.2**
◩27 H	◩59 H	◩35 I	◩18 F	◩35 L	◩26 J	◩12 H	◩16 F	◩9 D	◩5 B	◩5 E	◩4 A	◩4 E	◩3 A
S4.1	**S4.2**												
◩3 E	◩2 A												

Product	DC (mm)	DC (inch)	LCF (mm)	OAL (mm)	CZC MS
A3505.0	5.00	0.1969	74.0	155.0	MK 1
A3505.5	5.50	0.2165	80.0	161.0	MK 1
A3506.0	6.00	0.2362	80.0	161.0	MK 1
A3506.7	6.70	0.2638	86.0	167.0	MK 1
A3506.8	6.80	0.2677	93.0	174.0	MK 1
A3507.0	7.00	0.2756	93.0	174.0	MK 1
A3507.5	7.50	0.2953	93.0	174.0	MK 1
A3508.0	8.00	0.3150	100.0	181.0	MK 1
A3508.4	8.40	0.3307	100.0	181.0	MK 1
A3508.5	8.50	0.3346	100.0	181.0	MK 1
A3508.75	8.75	0.3445	107.0	188.0	MK 1
A3509.0	9.00	0.3543	107.0	188.0	MK 1
A3509.5	9.50	0.3740	107.0	188.0	MK 1
A3509.8	9.80	0.3858	116.0	197.0	MK 1
A35010.0	10.00	0.3937	116.0	197.0	MK 1
A35010.2	10.20	0.4016	116.0	197.0	MK 1
A35010.5	10.50	0.4134	116.0	197.0	MK 1
A35010.7	10.70	0.4213	125.0	206.0	MK 1
A35011.0	11.00	0.4331	125.0	206.0	MK 1
A35011.5	11.50	0.4528	125.0	206.0	MK 1
A35011.75	11.75	0.4626	125.0	206.0	MK 1
A35011.8	11.80	0.4646	125.0	206.0	MK 1
A35012.0	12.00	0.4724	134.0	215.0	MK 1
A35012.5	12.50	0.4921	134.0	215.0	MK 1

Product	DC (mm)	DC (inch)	LCF (mm)	OAL (mm)	CZC MS
A35013.0	13.00	0.5118	134.0	215.0	MK 1
A35013.5	13.50	0.5315	142.0	223.0	MK 1
A35014.0	14.00	0.5512	142.0	223.0	MK 1
A35014.25	14.25	0.5610	147.0	245.0	MK 2
A35014.5	14.50	0.5709	147.0	245.0	MK 2
A35014.75	14.75	0.5807	147.0	245.0	MK 2
A35015.0	15.00	0.5906	147.0	245.0	MK 2
A35015.25	15.25	0.6004	153.0	251.0	MK 2
A35015.5	15.50	0.6102	153.0	251.0	MK 2
A35015.75	15.75	0.6201	153.0	251.0	MK 2
A35016.0	16.00	0.6299	153.0	251.0	MK 2
A35016.25	16.25	0.6398	159.0	257.0	MK 2
A35016.5	16.50	0.6496	159.0	257.0	MK 2
A35016.75	16.75	0.6594	159.0	257.0	MK 2
A35017.0	17.00	0.6693	159.0	257.0	MK 2
A35017.25	17.25	0.6791	165.0	263.0	MK 2
A35017.5	17.50	0.6890	165.0	263.0	MK 2
A35018.0	18.00	0.7087	165.0	263.0	MK 2
A35018.5	18.50	0.7283	171.0	269.0	MK 2
A35019.0	19.00	0.7480	171.0	269.0	MK 2
A35019.5	19.50	0.7677	177.0	275.0	MK 2
A35019.75	19.75	0.7776	177.0	275.0	MK 2
A35020.0	20.00	0.7874	177.0	275.0	MK 2
A35020.25	20.25	0.7972	184.0	282.0	MK 2

Product	DC (mm)	DC (inch)	LCF (mm)	OAL (mm)	CZC MS
A35020.5	20.50	0.8071	184.0	282.0	MK 2
A35021.0	21.00	0.8268	184.0	282.0	MK 2
A35021.5	21.50	0.8465	191.0	289.0	MK 2
A35022.0	22.00	0.8661	191.0	289.0	MK 2
A35022.5	22.50	0.8858	198.0	296.0	MK 2
A35023.0	23.00	0.9055	198.0	296.0	MK 2
A35023.5	23.50	0.9252	198.0	319.0	MK 3
A35024.0	24.00	0.9449	206.0	327.0	MK 3
A35024.5	24.50	0.9646	206.0	327.0	MK 3
A35025.0	25.00	0.9843	206.0	327.0	MK 3
A35025.5	25.50	1.0039	214.0	335.0	MK 3
A35026.0	26.00	1.0236	214.0	335.0	MK 3
A35026.5	26.50	1.0433	214.0	335.0	MK 3
A35027.0	27.00	1.0630	222.0	343.0	MK 3
A35027.5	27.50	1.0827	222.0	343.0	MK 3
A35028.0	28.00	1.1024	222.0	343.0	MK 3
A35029.0	29.00	1.1417	230.0	351.0	MK 3
A35030.0	30.00	1.1811	230.0	351.0	MK 3
A35030.5	30.50	1.2008	239.0	360.0	MK 3
A35031.0	31.00	1.2205	239.0	360.0	MK 3

Product	DC (mm)	DC (inch)	LCF (mm)	OAL (mm)	CZC MS
A35031.5	31.50	1.2402	239.0	360.0	MK 3
A35032.0	32.00	1.2598	248.0	397.0	MK 4
A35033.0	33.00	1.2992	248.0	397.0	MK 4
A35034.0	34.00	1.3386	257.0	406.0	MK 4
A35035.0	35.00	1.3780	257.0	406.0	MK 4
A35036.0	36.00	1.4173	267.0	416.0	MK 4
A35037.0	37.00	1.4567	267.0	416.0	MK 4
A35038.0	38.00	1.4961	277.0	426.0	MK 4
A35039.0	39.00	1.5354	277.0	426.0	MK 4
A35040.0	40.00	1.5748	277.0	426.0	MK 4
A35041.0	41.00	1.6142	287.0	436.0	MK 4
A35042.0	42.00	1.6535	287.0	436.0	MK 4
A35043.0	43.00	1.6929	298.0	447.0	MK 4
A35044.0	44.00	1.7323	298.0	447.0	MK 4
A35045.0	45.00	1.7717	298.0	447.0	MK 4
A35046.0	46.00	1.8110	310.0	459.0	MK 4
A35047.0	47.00	1.8504	310.0	459.0	MK 4
A35048.0	48.00	1.8898	321.0	470.0	MK 4
A35050.0	50.00	1.9685	321.0	470.0	MK 4