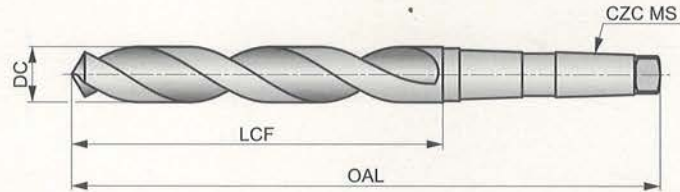


A730



HSS-E (8% Cobalt) Taper Shank Drill, Bronze Tempered Finish

Recommended for difficult materials and applications. The 118° point provides a strong point which is easy to regrind. Suitable for drilling many materials. The bronze finish is a thin oxide layer and it is an indication for Cobalt.



HSS-E	DIN 345	4xD
118°	Bronze	
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 36 H	P1.2 40 H	P1.3 41 H	P2.1 31 H	P2.2 27 G	P2.3 24 E	P3.1 25 F	P3.2 20 F	P3.3 17 E	P4.1 15 F	P4.2 13 E	P4.3 10 D	M1.1 33 E	M1.2 28 E
M2.1 29 E	M2.2 24 E	M3.1 13 G	M3.2 11 G	M3.3 10 G	M4.1 17 C	K1.1 35 J	K1.2 26 G	K1.3 19 G	K2.1 27 E	K2.2 22 E	K2.3 18 E	K3.1 24 E	K3.2 18 E
K3.3 15 E	K4.1 22 E	K4.2 17 E	K4.3 12 E	K4.4 11 E	K4.5 9 E	K5.1 25 E	K5.2 19 E	K5.3 15 E	N1.1 33 J	N1.2 25 J	N1.3 17 I	N2.1 46 H	N2.2 42 H
N2.3 30 H	N3.1 68 H	N3.2 40 J	N3.3 20 L	N4.1 35 K	N4.2 28 J	N4.3 20 H	S1.1 28 G	S1.2 20 D	S1.3 11 C	S2.1 9 E	S2.2 8 B	S3.1 7 E	S3.2 6 B
S4.1 5 E	S4.2 5 B												

DC >= 14mm Point Thinned.

Product	DC (mm)	DC (inch)	LCF (mm)	OAL (mm)	CZC MS
A73010.0	10.00	0.3937	87.0	168.0	MK 1
A73010.2	10.20	0.4016	87.0	168.0	MK 1
A73010.5	10.50	0.4134	87.0	168.0	MK 1
A73010.8	10.80	0.4252	94.0	175.0	MK 1
A73011.0	11.00	0.4331	94.0	175.0	MK 1
A73011.5	11.50	0.4528	94.0	175.0	MK 1
A73011.8	11.80	0.4646	94.0	175.0	MK 1
A73012.0	12.00	0.4724	101.0	182.0	MK 1
A73012.2	12.20	0.4803	101.0	182.0	MK 1
A73012.5	12.50	0.4921	101.0	182.0	MK 1
A73012.8	12.80	0.5039	101.0	182.0	MK 1
A73013.0	13.00	0.5118	101.0	182.0	MK 1
A73013.5	13.50	0.5315	108.0	189.0	MK 1
A73013.8	13.80	0.5433	108.0	189.0	MK 1
A73014.0	14.00	0.5512	108.0	189.0	MK 1
A73014.25	14.25	0.5610	114.0	212.0	MK 2
A73014.5	14.50	0.5709	114.0	212.0	MK 2
A73014.75	14.75	0.5807	114.0	212.0	MK 2
A73015.0	15.00	0.5906	114.0	212.0	MK 2
A73015.25	15.25	0.6004	120.0	218.0	MK 2
A73015.5	15.50	0.6102	120.0	218.0	MK 2
A73015.75	15.75	0.6201	120.0	218.0	MK 2
A73016.0	16.00	0.6299	120.0	218.0	MK 2

Product	DC (mm)	DC (inch)	LCF (mm)	OAL (mm)	CZC MS
A73016.25	16.25	0.6398	120.0	218.0	MK 2
A73016.5	16.50	0.6496	125.0	223.0	MK 2
A73017.0	17.00	0.6693	125.0	223.0	MK 2
A73017.25	17.25	0.6791	130.0	228.0	MK 2
A73017.5	17.50	0.6890	130.0	228.0	MK 2
A73017.75	17.75	0.6988	130.0	228.0	MK 2
A73018.0	18.00	0.7087	130.0	228.0	MK 2
A73018.25	18.25	0.7185	135.0	233.0	MK 2
A73018.5	18.50	0.7283	135.0	233.0	MK 2
A73018.75	18.75	0.7382	135.0	233.0	MK 2
A73019.0	19.00	0.7480	135.0	233.0	MK 2
A73019.25	19.25	0.7579	140.0	238.0	MK 2
A73019.5	19.50	0.7677	140.0	238.0	MK 2
A73019.75	19.75	0.7776	140.0	238.0	MK 2
A73020.0	20.00	0.7874	140.0	238.0	MK 2
A73020.25	20.25	0.7972	145.0	243.0	MK 2
A73020.5	20.50	0.8071	145.0	243.0	MK 2
A73020.75	20.75	0.8169	145.0	243.0	MK 2
A73021.0	21.00	0.8268	145.0	243.0	MK 2
A73021.5	21.50	0.8465	150.0	248.0	MK 2
A73022.0	22.00	0.8661	150.0	248.0	MK 2
A73022.5	22.50	0.8858	155.0	253.0	MK 2
A73023.0	23.00	0.9055	155.0	253.0	MK 2

Product	DC	DC	LCF	OAL	CZC MS
	(mm)	(inch)	(mm)	(mm)	
A73023.5	23.50	0.9252	155.0	276.0	MK 3
A73024.0	24.00	0.9449	160.0	281.0	MK 3
A73024.5	24.50	0.9646	160.0	281.0	MK 3
A73025.0	25.00	0.9843	160.0	281.0	MK 3
A73025.5	25.50	1.0039	165.0	286.0	MK 3
A73026.0	26.00	1.0236	165.0	286.0	MK 3
A73026.5	26.50	1.0433	165.0	286.0	MK 3
A73027.0	27.00	1.0630	170.0	291.0	MK 3

Product	DC	DC	LCF	OAL	CZC MS
	(mm)	(inch)	(mm)	(mm)	
A73027.5	27.50	1.0827	170.0	291.0	MK 3
A73028.0	28.00	1.1024	170.0	291.0	MK 3
A73028.5	28.50	1.1220	175.0	296.0	MK 3
A73029.0	29.00	1.1417	175.0	296.0	MK 3
A73030.0	30.00	1.1811	175.0	296.0	MK 3
A73031.0	31.00	1.2205	180.0	301.0	MK 3
A73032.0	32.00	1.2598	185.0	334.0	MK 4