

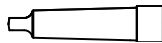
5xD



Steam Oxide



External Coolant



Morse Taper Shank

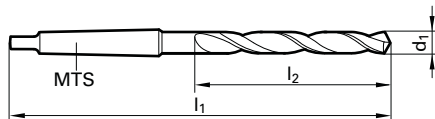
Speeds & Feeds  
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# Series 345

## General Purpose

Cobalt, general purpose (Type N), 118° point, Form A  
web thinned all dia., Morse Taper shank, RH helix

Cut / Shank Dia. = h8 tolerance range



Application Materials:



Universal Steels



Hardened Materials

Diameter (d1)			Shank size	l1 mm	l2 mm	EDP #
Dec. inch	Fract. inch	Wire / letter				
0.1181			MTS 1	114.00	33.00	9003450030000
0.1575			MTS 1	124.00	43.00	9003450040000
0.1969			MTS 1	133.00	52.00	9003450050000
0.2042			MTS 1	133.00	52.00	9003450052000
0.2165			MTS 1	135.00	57.00	9003450055000
0.2362			MTS 1	138.00	52.00	9003450060000
0.2441			MTS 1	144.00	63.00	9003450062000
0.2500	1/4		MTS 1	144.00	63.00	9003450063500
0.2559			MTS 1	144.00	63.00	9003450065000
0.2657	17/64	H	MTS 1	150.00	69.00	9003450067500
0.2756			MTS 1	150.00	69.00	9003450070000
0.3126	5/16		MTS 1	156.00	75.00	9003450079400
0.3425			MTS 1	162.00	81.00	9003450087000
0.3701			MTS 1	162.00	81.00	9003450094000
0.3748	3/8		MTS 1	168.00	87.00	9003450095200
0.3906	25/64		MTS 1	168.00	87.00	9003450099200
0.3937			MTS 1	168.00	87.00	9003450100000
0.3976			MTS 1	168.00	87.00	9003450101000
0.4016			MTS 1	168.00	87.00	9003450102000
0.4035			MTS 1	168.00	87.00	9003450102500
0.4055			MTS 1	168.00	87.00	9003450103000
0.4063	13/32		MTS 1	168.00	87.00	9003450103200
0.4134			MTS 1	168.00	87.00	9003450105000
0.4220	27/64		MTS 1	175.00	94.00	9003450107200
0.4232			MTS 1	175.00	94.00	9003450107500
0.4252			MTS 1	175.00	94.00	9003450108000
0.4331			MTS 1	175.00	94.00	9003450110000
0.4374	7/16		MTS 1	175.00	94.00	9003450111100
0.4409			MTS 1	175.00	94.00	9003450112000
0.4429			MTS 1	175.00	94.00	9003450112500
0.4528			MTS 1	175.00	94.00	9003450115000
0.4606			MTS 1	175.00	94.00	9003450117000
0.4626			MTS 1	175.00	94.00	9003450117500
0.4646			MTS 1	175.00	94.00	9003450118000
0.4689	15/32		MTS 1	182.00	101.00	9003450119100
0.4724			MTS 1	182.00	101.00	9003450120000
0.4764			MTS 1	182.00	101.00	9003450121000
0.4803			MTS 1	182.00	101.00	9003450122000
0.4823			MTS 1	182.00	101.00	9003450122500
0.4843	31/64		MTS 1	182.00	101.00	9003450123000
0.4921			MTS 1	182.00	101.00	9003450125000
0.5000	1/2		MTS 1	182.00	101.00	9003450127000
0.5020			MTS 1	182.00	101.00	9003450127500
0.5039			MTS 1	182.00	101.00	9003450128000
0.5118			MTS 1	182.00	101.00	9003450130000
0.5157	33/64		MTS 1	182.00	101.00	9003450131000
0.5197			MTS 1	182.00	101.00	9003450132000
0.5217			MTS 1	189.00	108.00	9003450132500
0.5311	17/32		MTS 1	189.00	108.00	9003450134900
0.5315			MTS 1	189.00	108.00	9003450135000
0.5354			MTS 1	189.00	108.00	9003450136000

Diameter (d1)			Shank size	l1 mm	l2 mm	EDP #
Dec. inch	Fract. inch	Wire / letter				
0.5394			MTS 1	189.00	108.00	9003450137000
0.5413			MTS 1	189.00	108.00	9003450137500
0.5433			MTS 1	189.00	108.00	9003450138000
0.5469	35/64		MTS 1	189.00	108.00	9003450138900
0.5512			MTS 1	189.00	108.00	9003450140000
0.5551			MTS 2	212.00	114.00	9003450141000
0.5591			MTS 2	212.00	114.00	9003450142000
0.5610			MTS 2	212.00	114.00	9003450142500
0.5626	9/16		MTS 2	212.00	114.00	9003450142900
0.5709			MTS 2	212.00	114.00	9003450145000
0.5780	37/64		MTS 2	212.00	114.00	9003450146800
0.5807			MTS 2	212.00	114.00	9003450147500
0.5906			MTS 2	212.00	114.00	9003450150000
0.5937	19/32		MTS 2	218.00	120.00	9003450150800
0.5984			MTS 2	218.00	120.00	9003450152000
0.6004			MTS 2	218.00	120.00	9003450152500
0.6102			MTS 2	218.00	120.00	9003450155000
0.6201			MTS 2	218.00	120.00	9003450157500
0.6248	5/8		MTS 2	218.00	120.00	9003450158700
0.6260			MTS 2	218.00	120.00	9003450159000
0.6299			MTS 2	218.00	120.00	9003450160000
0.6398			MTS 2	223.00	125.00	9003450162500
0.6406	41/64		MTS 2	223.00	125.00	9003450162700
0.6457			MTS 2	223.00	125.00	9003450164000
0.6496			MTS 2	223.00	125.00	9003450165000
0.6563	21/32		MTS 2	223.00	125.00	9003450166700
0.6594			MTS 2	223.00	125.00	9003450167500
0.6693			MTS 2	223.00	125.00	9003450170000
0.6720	43/64		MTS 2	228.00	130.00	9003450170700
0.6791			MTS 2	228.00	130.00	9003450172500
0.6874	11/16		MTS 2	228.00	130.00	9003450174600
0.6890			MTS 2	228.00	130.00	9003450175000
0.6988			MTS 2	228.00	130.00	9003450177500
0.7031	45/64		MTS 2	228.00	130.00	9003450178600
0.7087			MTS 2	228.00	130.00	9003450180000
0.7185			MTS 2	233.00	135.00	9003450182500
0.7189	23/32		MTS 2	233.00	135.00	9003450182600
0.7283			MTS 2	233.00	135.00	9003450185000
0.7343	47/64		MTS 2	233.00	135.00	9003450186500
0.7382			MTS 2	233.00	135.00	9003450187500
0.7480			MTS 2	233.00	135.00	9003450190000
0.7500	3/4		MTS 2	238.00	140.00	9003450190500
0.7579			MTS 2	238.00	140.00	9003450192500
0.7657	49/64		MTS 2	238.00	140.00	9003450194500
0.7677			MTS 2	238.00	140.00	9003450195000
0.7776			MTS 2	238.00	140.00	9003450197500
0.7811	25/32		MTS 2	238.00	140.00	9003450198400
0.7874			MTS 2	238.00	140.00	9003450200000
0.7972			MTS 2	243.00	145.00	9003450202500
0.8071			MTS 2	243.00	145.00	9003450205000
0.8126	13/16		MTS 2	243.00	145.00	9003450206400