

>10xD



TiN coated



External Coolant



Straight Shank

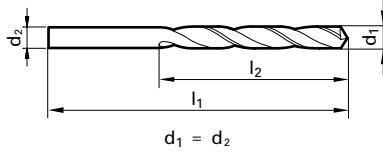
Speeds & Feeds  
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# Series 667

## General Purpose

HSS, general purpose (Type N), taper length, 118° point, Form A web thinned >2.36mm dia., standard straight shank, RH helix

Cut / Shank Dia. = h8 tolerance range



Application Materials:

- General Steels/Brass
- Universal Steels
- Cast Iron

Dec. inch	Diameter (d1)		l1 mm	l2 mm	EDP #
	Fract. inch	Wire / letter			
0.0197			32.00	12.00	9006670005000
0.0236			35.00	15.00	9006670006000
0.0256			38.00	18.00	9006670006500
0.0276			42.00	21.00	9006670007000
0.0295			42.00	21.00	9006670007500
0.0315			46.00	25.00	9006670008000
0.0335			46.00	25.00	9006670008500
0.0354			51.00	29.00	9006670009000
0.0374			51.00	29.00	9006670009500
0.0394			56.00	33.00	9006670010000
0.0413			56.00	33.00	9006670010500
0.0433			60.00	37.00	9006670011000
0.0453			60.00	37.00	9006670011500
0.0472			65.00	41.00	9006670012000
0.0492			65.00	41.00	9006670012500
0.0512			65.00	41.00	9006670013000
0.0531			70.00	45.00	9006670013500
0.0551		54	70.00	45.00	9006670014000
0.0571			70.00	45.00	9006670014500
0.0591			70.00	45.00	9006670015000
0.0610			76.00	50.00	9006670015500
0.0626	1/16		76.00	50.00	9006670015900
0.0630			76.00	50.00	9006670016000
0.0650			76.00	50.00	9006670016500
0.0669		51	76.00	50.00	9006670017000
0.0689			80.00	53.00	9006670017500
0.0709			80.00	53.00	9006670018000
0.0728		49	80.00	53.00	9006670018500
0.0748			80.00	53.00	9006670019000
0.0760		48	85.00	56.00	9006670019300
0.0768			85.00	56.00	9006670019500
0.0780	5/64		85.00	56.00	9006670019800
0.0787			85.00	56.00	9006670020000
0.0807			85.00	56.00	9006670020500
0.0827			85.00	56.00	9006670021000
0.0866			90.00	59.00	9006670022000
0.0886			90.00	59.00	9006670022500
0.0906			90.00	59.00	9006670023000
0.0925			90.00	59.00	9006670023500
0.0937	3/32		95.00	62.00	9006670023800
0.0945			95.00	62.00	9006670024000
0.0961		41	95.00	62.00	9006670024400
0.0965			95.00	62.00	9006670024500
0.0984			95.00	62.00	9006670025000
0.1004			95.00	62.00	9006670025500
0.1024			95.00	62.00	9006670026000
0.1043			95.00	62.00	9006670026500
0.1063			100.00	66.00	9006670027000
0.1083			100.00	66.00	9006670027500
0.1094	7/64		100.00	66.00	9006670027800
0.1102			100.00	66.00	9006670028000
0.1122			100.00	66.00	9006670028500
0.1142			100.00	66.00	9006670029000
0.1161		32	100.00	66.00	9006670029500

Dec. inch	Diameter (d1)		l1 mm	l2 mm	EDP #
	Fract. inch	Wire / letter			
0.1181			100.00	66.00	9006670030000
0.1201		31	106.00	69.00	9006670030500
0.1220			106.00	69.00	9006670031000
0.1240			106.00	69.00	9006670031500
0.1248	1/8		106.00	69.00	9006670031700
0.1260			106.00	69.00	9006670032000
0.1280			106.00	69.00	9006670032500
0.1299			106.00	69.00	9006670033000
0.1319			106.00	69.00	9006670033500
0.1339			112.00	73.00	9006670034000
0.1378			112.00	73.00	9006670035000
0.1398			112.00	73.00	9006670035500
0.1406	9/64	28	112.00	73.00	9006670035700
0.1417			112.00	73.00	9006670036000
0.1437			112.00	73.00	9006670036500
0.1457			112.00	73.00	9006670037000
0.1496		25	119.00	78.00	9006670038000
0.1516			119.00	78.00	9006670038500
0.1535			119.00	78.00	9006670039000
0.1555			119.00	78.00	9006670039500
0.1563	5/32		119.00	78.00	9006670039700
0.1575			119.00	78.00	9006670040000
0.1594			119.00	78.00	9006670040500
0.1614			119.00	78.00	9006670041000
0.1654			119.00	78.00	9006670042000
0.1673			119.00	78.00	9006670042500
0.1693		18	126.00	82.00	9006670043000
0.1720	11/64		126.00	82.00	9006670043700
0.1732			126.00	82.00	9006670044000
0.1772		16	126.00	82.00	9006670045000
0.1811			126.00	82.00	9006670046000
0.1850		13	126.00	82.00	9006670047000
0.1870			126.00	82.00	9006670047500
0.1874	3/16		132.00	87.00	9006670047600
0.1890		12	132.00	87.00	9006670048000
0.1909		11	132.00	87.00	9006670048500
0.1929			132.00	87.00	9006670049000
0.1937		10	132.00	87.00	9006670049200
0.1961		9	132.00	87.00	9006670049800
0.1969			132.00	87.00	9006670050000
0.2008			132.00	87.00	9006670051000
0.2031	13/64		132.00	87.00	9006670051600
0.2047			132.00	87.00	9006670052000
0.2067			132.00	87.00	9006670052500
0.2087			132.00	87.00	9006670053000
0.2126			139.00	91.00	9006670054000
0.2165			139.00	91.00	9006670055000
0.2189	7/32		139.00	91.00	9006670055600
0.2205			139.00	91.00	9006670056000
0.2209		2	139.00	91.00	9006670056100
0.2244			139.00	91.00	9006670057000
0.2280		1	139.00	91.00	9006670057900
0.2283			139.00	91.00	9006670058000
0.2323			139.00	91.00	9006670059000

# Series 667

## Speeds & Feeds information pg 451

Diameter (d1)		Wire / letter	I1 mm	I2 mm	EDP #	
Dec. inch	Fract. inch					
0.2362			6.000	139.00	91.00	9006670060000
0.2402			6.100	148.00	97.00	9006670061000
0.2441			6.200	148.00	97.00	9006670062000
0.2461		D	6.250	148.00	97.00	9006670062500
0.2480			6.300	148.00	97.00	9006670063000
0.2500	1/4	E	6.350	148.00	97.00	9006670063500
0.2520			6.400	148.00	97.00	9006670064000
0.2559			6.500	148.00	97.00	9006670065000
0.2598			6.600	148.00	97.00	9006670066000
0.2638			6.700	148.00	97.00	9006670067000
0.2657	17/64	H	6.750	156.00	102.00	9006670067500
0.2677			6.800	156.00	102.00	9006670068000
0.2717		I	6.900	156.00	102.00	9006670069000
0.2756			7.000	156.00	102.00	9006670070000
0.2795			7.100	156.00	102.00	9006670071000
0.2811	9/32	K	7.140	156.00	102.00	9006670071400
0.2835			7.200	156.00	102.00	9006670072000
0.2874			7.300	156.00	102.00	9006670073000
0.2902		L	7.370	156.00	102.00	9006670073700
0.2913			7.400	156.00	102.00	9006670074000
0.2953			7.500	156.00	102.00	9006670075000
0.2969	19/64		7.540	165.00	109.00	9006670075400
0.3031			7.700	165.00	109.00	9006670077000
0.3071			7.800	165.00	109.00	9006670078000
0.3110			7.900	165.00	109.00	9006670079000
0.3126	5/16		7.940	165.00	109.00	9006670079400
0.3150			8.000	165.00	109.00	9006670080000
0.3189			8.100	165.00	109.00	9006670081000
0.3228		P	8.200	165.00	109.00	9006670082000
0.3268			8.300	165.00	109.00	9006670083000
0.3307			8.400	165.00	109.00	9006670084000
0.3346			8.500	165.00	109.00	9006670085000
0.3386			8.600	175.00	115.00	9006670086000
0.3425			8.700	175.00	115.00	9006670087000
0.3437	11/32		8.730	175.00	115.00	9006670087300
0.3465			8.800	175.00	115.00	9006670088000
0.3504			8.900	175.00	115.00	9006670089000
0.3543			9.000	175.00	115.00	9006670090000
0.3583			9.100	175.00	115.00	9006670091000
0.3594	23/64		9.130	175.00	115.00	9006670091300
0.3622			9.200	175.00	115.00	9006670092000
0.3661			9.300	175.00	115.00	9006670093000
0.3701			9.400	175.00	115.00	9006670094000
0.3740			9.500	175.00	115.00	9006670095000
0.3748	3/8		9.520	184.00	121.00	9006670095200
0.3780			9.600	184.00	121.00	9006670096000
0.3819			9.700	184.00	121.00	9006670097000
0.3858		W	9.800	184.00	121.00	9006670098000

Diameter (d1)		Wire / letter	I1 mm	I2 mm	EDP #	
Dec. inch	Fract. inch					
0.3898			9.900	184.00	121.00	9006670099000
0.3906	25/64		9.920	184.00	121.00	9006670099200
0.3937			10.000	184.00	121.00	9006670100000
0.4016			10.200	184.00	121.00	9006670102000
0.4063	13/32		10.320	184.00	121.00	9006670103200
0.4134			10.500	184.00	121.00	9006670105000
0.4173			10.600	184.00	121.00	9006670106000
0.4220	27/64		10.720	195.00	128.00	9006670107200
0.4252			10.800	195.00	128.00	9006670108000
0.4331			11.000	195.00	128.00	9006670110000
0.4374	7/16		11.110	195.00	128.00	9006670111100
0.4528			11.500	195.00	128.00	9006670115000
0.4531	29/64		11.510	195.00	128.00	9006670115100
0.4689	15/32		11.910	205.00	134.00	9006670119100
0.4724			12.000	205.00	134.00	9006670120000
0.4921			12.500	205.00	134.00	9006670125000
0.5000	1/2		12.700	205.00	134.00	9006670127000
0.5118			13.000	205.00	134.00	9006670130000
0.5311	17/32		13.490	214.00	140.00	9006670134900
0.5315			13.500	214.00	140.00	9006670135000
0.5433			13.800	214.00	140.00	9006670138000
0.5469	35/64		13.890	214.00	140.00	9006670138900
0.5512			14.000	214.00	140.00	9006670140000
0.5626	9/16		14.290	220.00	144.00	9006670142900
0.5709			14.500	220.00	144.00	9006670145000
0.5780	37/64		14.680	220.00	144.00	9006670146800
0.5807			14.750	220.00	144.00	9006670147500
0.5906			15.000	220.00	144.00	9006670150000
0.5937	19/32		15.080	227.00	149.00	9006670150800
0.6094	39/64		15.480	227.00	149.00	9006670154800
0.6102			15.500	227.00	149.00	9006670155000
0.6248	5/8		15.870	227.00	149.00	9006670158700
0.6299			16.000	227.00	149.00	9006670160000
0.6496			16.500	235.00	154.00	9006670165000
0.6563	21/32		16.670	235.00	154.00	9006670166700
0.6594			16.750	235.00	154.00	9006670167500
0.6693			17.000	235.00	154.00	9006670170000
0.6874	11/16		17.460	241.00	158.00	9006670174600
0.7087			18.000	241.00	158.00	9006670180000
0.7185			18.250	247.00	162.00	9006670182500

### Alternative Drill Series:

- #217 HSS, GP, 10xD, 118 pt, Bright/Steam Oxide > 2.36
- #317 Cobalt, GP, 10xD, 118 pt, Oxide
- #617 Cobalt, Ti, 10xD, 130 pt, Bright/Steam Oxide > 2.36
- #669 Cobalt, Ti, 10xD, 130 pt, TiN

\*Items listed in red are non-stocked items, and may take 2 - 6 weeks to receive