

Extra Length

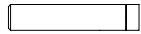
#1



Steam Oxide
>2.36 mm dia.



External Coolant



Straight Shank

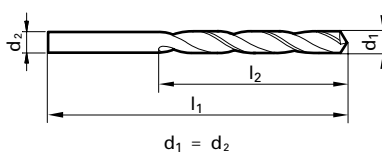
Speeds & Feeds
information pg 429

Series 235

General Purpose

HSS, general purpose (Type N), extra length #1, 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

Twist Drills

Dec. inch	Diameter (d1)			l1 mm	l2 mm	EDP #
	Fract. inch	Wire / letter	mm			
0.0630			1.600	115.00	75.00	9002350016000
0.0709			1.800	120.00	80.00	9002350018000
0.0748			1.900	120.00	80.00	9002350019000
0.0768			1.950	125.00	85.00	9002350019500
0.0787			2.000	125.00	85.00	9002350020000
0.0807			2.050	125.00	85.00	9002350020500
0.0827			2.100	125.00	85.00	9002350021000
0.0866			2.200	135.00	90.00	9002350022000
0.0906			2.300	135.00	90.00	9002350023000
0.0937	3/32		2.380	150.00	100.00	9002350023800
0.0945			2.400	150.00	100.00	9002350024000
0.0984			2.500	150.00	100.00	9002350025000
0.1024			2.600	150.00	100.00	9002350026000
0.1063			2.700	150.00	100.00	9002350027000
0.1094	7/64		2.780	150.00	100.00	9002350027800
0.1102			2.800	150.00	100.00	9002350028000
0.1142			2.900	150.00	100.00	9002350029000
0.1181			3.000	150.00	100.00	9002350030000
0.1220			3.100	155.00	105.00	9002350031000
0.1248	1/8		3.170	155.00	105.00	9002350031700
0.1260			3.200	155.00	105.00	9002350032000
0.1280			3.250	155.00	105.00	9002350032500
0.1299			3.300	155.00	105.00	9002350033000
0.1339			3.400	165.00	115.00	9002350034000
0.1378			3.500	165.00	115.00	9002350035000
0.1406	9/64	28	3.570	165.00	115.00	9002350035700
0.1417			3.600	165.00	115.00	9002350036000
0.1457			3.700	165.00	115.00	9002350037000
0.1496		25	3.800	175.00	120.00	9002350038000
0.1535			3.900	175.00	120.00	9002350039000
0.1563	5/32		3.970	175.00	120.00	9002350039700
0.1575			4.000	175.00	120.00	9002350040000
0.1614			4.100	175.00	120.00	9002350041000
0.1654			4.200	175.00	120.00	9002350042000
0.1693		18	4.300	185.00	125.00	9002350043000
0.1720	11/64		4.370	185.00	125.00	9002350043700
0.1732			4.400	185.00	125.00	9002350044000
0.1772		16	4.500	185.00	125.00	9002350045000
0.1811			4.600	185.00	125.00	9002350046000
0.1850		13	4.700	185.00	125.00	9002350047000
0.1874	3/16		4.760	195.00	135.00	9002350047600
0.1890		12	4.800	195.00	135.00	9002350048000
0.1929			4.900	195.00	135.00	9002350049000
0.1969			5.000	195.00	135.00	9002350050000
0.2008			5.100	195.00	135.00	9002350051000
0.2047			5.200	195.00	135.00	9002350052000
0.2087			5.300	195.00	135.00	9002350053000
0.2126			5.400	205.00	140.00	9002350054000
0.2165			5.500	205.00	140.00	9002350055000
0.2189	7/32		5.560	205.00	140.00	9002350055600
0.2205			5.600	205.00	140.00	9002350056000
0.2244			5.700	205.00	140.00	9002350057000
0.2283			5.800	205.00	140.00	9002350058000
0.2323			5.900	205.00	140.00	9002350059000
0.2343	15/64		5.950	205.00	140.00	9002350059500

Dec. inch	Diameter (d1)			l1 mm	l2 mm	EDP #
	Fract. inch	Wire / letter	mm			
0.2362			6.000	205.00	140.00	9002350060000
0.2402			6.100	215.00	150.00	9002350061000
0.2441			6.200	215.00	150.00	9002350062000
0.2480			6.300	215.00	150.00	9002350063000
0.2500	1/4	E	6.350	215.00	150.00	9002350063500
0.2520			6.400	215.00	150.00	9002350064000
0.2559			6.500	215.00	150.00	9002350065000
0.2598			6.600	215.00	150.00	9002350066000
0.2638			6.700	215.00	150.00	9002350067000
0.2657	17/64	H	6.750	225.00	155.00	9002350067500
0.2677			6.800	225.00	155.00	9002350068000
0.2756			7.000	225.00	155.00	9002350070000
0.2795			7.100	225.00	155.00	9002350071000
0.2811	9/32	K	7.140	225.00	155.00	9002350071400
0.2835			7.200	225.00	155.00	9002350072000
0.2913			7.400	225.00	155.00	9002350074000
0.2953			7.500	225.00	155.00	9002350075000
0.2969	19/64		7.540	240.00	165.00	9002350075400
0.2992			7.600	240.00	165.00	9002350076000
0.3031			7.700	240.00	165.00	9002350077000
0.3071			7.800	240.00	165.00	9002350078000
0.3110			7.900	240.00	165.00	9002350079000
0.3126	5/16		7.940	240.00	165.00	9002350079400
0.3150			8.000	240.00	165.00	9002350080000
0.3189			8.100	240.00	165.00	9002350081000
0.3228		P	8.200	240.00	165.00	9002350082000
0.3268			8.300	240.00	165.00	9002350083000
0.3280	21/64		8.330	240.00	165.00	9002350083300
0.3307			8.400	240.00	165.00	9002350084000
0.3346			8.500	240.00	165.00	9002350085000
0.3386			8.600	250.00	175.00	9002350086000
0.3425			8.700	250.00	175.00	9002350087000
0.3437	11/32		8.730	250.00	175.00	9002350087300
0.3465			8.800	250.00	175.00	9002350088000
0.3543			9.000	250.00	175.00	9002350090000
0.3594	23/64		9.130	250.00	175.00	9002350091300
0.3740			9.500	250.00	175.00	9002350095000
0.3748	3/8		9.520	265.00	185.00	9002350095200
0.3780			9.600	265.00	185.00	9002350096000
0.3819			9.700	265.00	185.00	9002350097000
0.3858		W	9.800	265.00	185.00	9002350098000
0.3898			9.900	265.00	185.00	9002350099000
0.3937			10.000	265.00	185.00	9002350100000
0.4063	13/32		10.320	265.00	185.00	9002350103200
0.4134			10.500	265.00	185.00	9002350105000
0.4331			11.000	280.00	195.00	9002350110000
0.4374	7/16		11.110	280.00	195.00	9002350111100
0.4528			11.500	280.00	195.00	9002350115000
0.4724			12.000	295.00	205.00	9002350120000
0.4764			12.100	295.00	205.00	9002350121000
0.4843	31/64		12.300	295.00	205.00	9002350123000
0.4921			12.500	295.00	205.00	9002350125000
0.5000	1/2		12.700	295.00	205.00	9002350127000
0.5118			13.000	295.00	205.00	9002350130000

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