

3xD



Bright Finish



External Coolant



Straight Shank

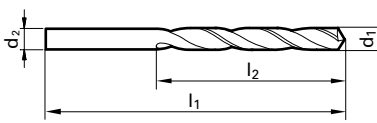
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Series 224

Low Helix

HSS, Low Helix (Type H), stub length, 118° point, Form A web thinned >14.0mm dia., standard straight shank, RH helix

Cut / Shank Dia. = h8 tolerance range



$$d_1 = d_2$$

Application Materials:



General Steels/Brass

Dec. inch	Diameter (d1)		l1 mm	l2 mm	EDP #
	Fract. inch	Wire / letter			
0.0354			25.00	5.50	900224009000
0.0394			26.00	6.00	9002240010000
0.0433			28.00	7.00	9002240011000
0.0472			28.00	7.00	9002240012000
0.0512			28.00	7.00	9002240013000
0.0551		54	32.00	9.00	9002240014000
0.0591			32.00	9.00	9002240015000
0.0610			34.00	10.00	9002240015500
0.0626	1/16		34.00	10.00	9002240015900
0.0630			34.00	10.00	9002240016000
0.0669		51	34.00	10.00	9002240017000
0.0701		50	36.00	11.00	9002240017800
0.0709			36.00	11.00	9002240018000
0.0748			36.00	11.00	9002240019000
0.0780	5/64		38.00	12.00	9002240019800
0.0787			38.00	12.00	9002240020000
0.0827			38.00	12.00	9002240021000
0.0866			40.00	13.00	9002240022000
0.0906			40.00	13.00	9002240023000
0.0937	3/32		43.00	14.00	9002240023800
0.0945			43.00	14.00	9002240024000
0.0965			43.00	14.00	9002240024500
0.0984			43.00	14.00	9002240025000
0.1004			43.00	14.00	9002240025500
0.1024			43.00	14.00	9002240026000
0.1043			43.00	14.00	9002240026500
0.1063			46.00	16.00	9002240027000
0.1094	7/64		46.00	16.00	9002240027800
0.1102			46.00	16.00	9002240028000
0.1142			46.00	16.00	9002240029000
0.1161		32	46.00	16.00	9002240029500
0.1181			46.00	16.00	9002240030000
0.1220			49.00	18.00	9002240031000
0.1248	1/8		49.00	18.00	9002240031700
0.1260			49.00	18.00	9002240032000
0.1299			49.00	18.00	9002240033000
0.1319			49.00	18.00	9002240033500
0.1339			52.00	20.00	9002240034000
0.1378			52.00	20.00	9002240035000
0.1406	9/64	28	52.00	20.00	9002240035700
0.1417			52.00	20.00	9002240036000
0.1457			52.00	20.00	9002240037000
0.1496		25	55.00	22.00	9002240038000
0.1516			55.00	22.00	9002240038500
0.1535			55.00	22.00	9002240039000
0.1563	5/32		55.00	22.00	9002240039700
0.1575			55.00	22.00	9002240040000
0.1614			55.00	22.00	9002240041000
0.1654			55.00	22.00	9002240042000
0.1693		18	58.00	24.00	9002240043000
0.1720	11/64		58.00	24.00	9002240043700
0.1732			58.00	24.00	9002240044000
0.1772		16	58.00	24.00	9002240045000
0.1811			58.00	24.00	9002240046000
0.1850		13	58.00	24.00	9002240047000

Dec. inch	Diameter (d1)		l1 mm	l2 mm	EDP #
	Fract. inch	Wire / letter			
0.1874	3/16		62.00	26.00	9002240047600
0.1890		12	62.00	26.00	9002240048000
0.1929			4.900	62.00	9002240049000
0.1969			5.000	62.00	9002240050000
0.2008			5.100	62.00	9002240051000
0.2031	13/64		5.160	62.00	9002240051600
0.2047			5.200	62.00	9002240052000
0.2087			5.300	62.00	9002240053000
0.2126			5.400	66.00	9002240054000
0.2165			5.500	66.00	9002240055000
0.2189	7/32		5.560	66.00	9002240055600
0.2205			5.600	66.00	9002240056000
0.2244			5.700	66.00	9002240057000
0.2283			5.800	66.00	9002240058000
0.2323			5.900	66.00	9002240059000
0.2343	15/64		5.950	66.00	9002240059500
0.2362			6.000	66.00	9002240060000
0.2441			6.200	70.00	9002240062000
0.2480			6.300	70.00	9002240063000
0.2500	1/4	E	6.350	70.00	9002240063500
0.2520			6.400	70.00	9002240064000
0.2559			6.500	70.00	9002240065000
0.2598			6.600	70.00	9002240066000
0.2657	17/64	H	6.750	74.00	9002240067500
0.2677			6.800	74.00	9002240068000
0.2756			7.000	74.00	9002240070000
0.2811	9/32	K	7.140	74.00	9002240071400
0.2854			7.250	74.00	9002240072500
0.2953			7.500	74.00	9002240075000
0.3126	5/16		7.940	79.00	9002240079400
0.3150			8.000	79.00	9002240080000
0.3161		O	8.030	79.00	9002240080300
0.3189			8.100	79.00	9002240081000
0.3280	21/64		8.330	79.00	9002240083300
0.3346			8.500	79.00	9002240085000
0.3543			9.000	84.00	9002240090000
0.3740			9.500	84.00	9002240095000
0.3748	3/8		9.520	89.00	9002240095200
0.3858		W	9.800	89.00	9002240098000
0.3906	25/64		9.920	89.00	9002240099200
0.3937			10.000	89.00	9002240100000
0.4016			10.200	89.00	9002240102000
0.4063	13/32		10.320	89.00	9002240103200
0.4134			10.500	89.00	9002240105000
0.4220	27/64		10.720	95.00	9002240107200
0.4331			11.000	95.00	9002240110000
0.4374	7/16		11.110	95.00	9002240111100
0.4528			11.500	95.00	9002240115000
0.4689	15/32		11.910	102.00	9002240119100
0.4724			12.000	102.00	9002240120000
0.4843	31/64		12.300	102.00	9002240123000
0.4921			12.500	102.00	9002240125000
0.5000	1/2		12.700	102.00	9002240127000
0.5118			13.000	102.00	9002240130000
0.5315			13.500	107.00	9002240135000

Series 224

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Twist Drills

Dec. inch	Diameter (d1)		mm	l1 mm	l2 mm	EDP #
	Fract. inch	Wire / letter				
0.5512			14.000	107.00	54.00	9002240140000
0.5906			15.000	111.00	56.00	9002240150000
0.6299			16.000	115.00	58.00	9002240160000
0.6693			17.000	119.00	60.00	9002240170000
0.7087			18.000	123.00	62.00	9002240180000
0.7480			19.000	127.00	64.00	9002240190000

Dec. inch	Diameter (d1)		mm	l1 mm	l2 mm	EDP #
	Fract. inch	Wire / letter				
0.7874			20.000	131.00	66.00	9002240200000
0.8268			21.000	136.00	68.00	9002240210000
0.8661			22.000	141.00	70.00	9002240220000

Alternative Drill Series:

#206 HSS, Low Helix, 5xD, 118 pt, Bright
 #223 HSS, GP, 3xD, 118 pt, Oxide

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