

# 5xD



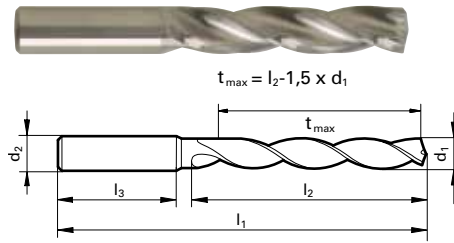
Speeds & Feeds  
information pg 462

# Series 1452

## Three-Flute High Precision

Carbide, GS 200 U three-flute high precision, 5xD,  
self-centering 150° point, standard straight shank, RH helix

Cut / Shank Dia. = h7 tolerance range



d1 = d2

Application Materials:

- General Steels/Brass
- Cast Iron
- Aluminum & Alloys

Twist Drills



Dec. inch	Diameter (d1)		Wire / letter	l1 mm	l2 mm	EDP #
	Fract. inch	mm				
0.1181		3.000		46.00	22.00	9014520030000
0.1201		3.050	31	46.00	22.00	9014520030500
0.1220		3.100		49.00	24.00	9014520031000
0.1248	1/8	3.170		49.00	24.00	9014520031700
0.1260		3.200		49.00	24.00	9014520032000
0.1299		3.300		49.00	24.00	9014520033000
0.1339		3.400		52.00	27.00	9014520034000
0.1358		3.450	29	52.00	27.00	9014520034500
0.1378		3.500		52.00	27.00	9014520035000
0.1406	9/64	3.570	28	52.00	27.00	9014520035700
0.1417		3.600		52.00	27.00	9014520036000
0.1457		3.700		52.00	27.00	9014520037000
0.1496		3.800	25	55.00	30.00	9014520038000
0.1535		3.900		55.00	30.00	9014520039000
0.1563	5/32	3.970		55.00	30.00	9014520039700
0.1575		4.000		55.00	30.00	9014520040000
0.1614		4.100		55.00	30.00	9014520041000
0.1654		4.200		55.00	30.00	9014520042000
0.1693		4.300	18	58.00	32.00	9014520043000
0.1720	11/64	4.370		58.00	32.00	9014520043700
0.1732		4.400		58.00	32.00	9014520044000
0.1772		4.500	16	58.00	32.00	9014520045000
0.1811		4.600		58.00	32.00	9014520046000
0.1850		4.700	13	58.00	32.00	9014520047000
0.1874	3/16	4.760		62.00	35.00	9014520047600
0.1890		4.800	12	62.00	35.00	9014520048000
0.1929		4.900		62.00	35.00	9014520049000
0.1969		5.000		62.00	35.00	9014520050000
0.2008		5.100		62.00	35.00	9014520051000
0.2031	13/64	5.160		62.00	35.00	9014520051600
0.2047		5.200		62.00	35.00	9014520052000
0.2087		5.300		62.00	35.00	9014520053000
0.2126		5.400		66.00	39.00	9014520054000
0.2165		5.500		66.00	39.00	9014520055000
0.2189	7/32	5.560		66.00	39.00	9014520055600
0.2205		5.600		66.00	39.00	9014520056000
0.2244		5.700		66.00	39.00	9014520057000
0.2283		5.800		66.00	39.00	9014520058000
0.2323		5.900		66.00	39.00	9014520059000
0.2343	15/64	5.950		66.00	39.00	9014520059500
0.2362		6.000		66.00	39.00	9014520060000
0.2402		6.100		70.00	42.00	9014520061000
0.2421		6.150	C	70.00	42.00	9014520061500
0.2441		6.200		70.00	42.00	9014520062000
0.2480		6.300		70.00	42.00	9014520063000
0.2500	1/4	6.350	E	70.00	42.00	9014520063500
0.2520		6.400		70.00	42.00	9014520064000
0.2559		6.500		70.00	42.00	9014520065000
0.2598		6.600		70.00	42.00	9014520066000
0.2638		6.700		70.00	42.00	9014520067000
0.2657	17/64	6.750	H	74.00	45.00	9014520067500
0.2677		6.800		74.00	45.00	9014520068000
0.2717		6.900	I	74.00	45.00	9014520069000
0.2756		7.000		74.00	45.00	9014520070000

Dec. inch	Diameter (d1)		Wire / letter	l1 mm	l2 mm	EDP #
	Fract. inch	mm				
0.2795		7.100		74.00	45.00	9014520071000
0.2811	9/32	7.140	K	74.00	45.00	9014520071400
0.2835		7.200		74.00	45.00	9014520072000
0.2874		7.300		74.00	45.00	9014520073000
0.2913		7.400		74.00	45.00	9014520074000
0.2953		7.500		74.00	45.00	9014520075000
0.2969	19/64	7.540		79.00	48.00	9014520075400
0.2992		7.600		79.00	48.00	9014520076000
0.3031		7.700		79.00	48.00	9014520077000
0.3071		7.800		79.00	48.00	9014520078000
0.3110		7.900		79.00	48.00	9014520079000
0.3126	5/16	7.940		79.00	48.00	9014520079400
0.3150		8.000		79.00	48.00	9014520080000
0.3189		8.100		79.00	48.00	9014520081000
0.3228		8.200	P	79.00	48.00	9014520082000
0.3268		8.300		79.00	48.00	9014520083000
0.3280	21/64	8.330		79.00	48.00	9014520083300
0.3307		8.400		79.00	48.00	9014520084000
0.3319		8.430	Q	79.00	48.00	9014520084300
0.3346		8.500		79.00	48.00	9014520085000
0.3386		8.600		84.00	52.00	9014520086000
0.3425		8.700		84.00	52.00	9014520087000
0.3437	11/32	8.730		84.00	52.00	9014520087300
0.3465		8.800		84.00	52.00	9014520088000
0.3504		8.900		84.00	52.00	9014520089000
0.3543		9.000		84.00	52.00	9014520090000
0.3583		9.100		84.00	52.00	9014520091000
0.3594	23/64	9.130		84.00	52.00	9014520091300
0.3622		9.200		84.00	52.00	9014520092000
0.3661		9.300		84.00	52.00	9014520093000
0.3701		9.400		84.00	52.00	9014520094000
0.3740		9.500		84.00	52.00	9014520095000
0.3748	3/8	9.520		89.00	55.00	9014520095200
0.3780		9.600		89.00	55.00	9014520096000
0.3819		9.700		89.00	55.00	9014520097000
0.3858		9.800	W	89.00	55.00	9014520098000
0.3898		9.900		89.00	55.00	9014520099000
0.3906	25/64	9.920		89.00	55.00	9014520099200
0.3937		10.000		89.00	55.00	9014520100000
0.3976		10.100		89.00	55.00	9014520101000
0.4016		10.200		89.00	55.00	9014520102000
0.4055		10.300		89.00	55.00	9014520103000
0.4063	13/32	10.320		89.00	55.00	9014520103200
0.4094		10.400		89.00	55.00	9014520104000
0.4134		10.500		89.00	55.00	9014520105000
0.4173		10.600		89.00	55.00	9014520106000
0.4213		10.700		95.00	60.00	9014520107000
0.4220	27/64	10.720		95.00	60.00	9014520107200
0.4252		10.800		95.00	60.00	9014520108000
0.4291		10.900		95.00	60.00	9014520109000
0.4331		11.000		95.00	60.00	9014520110000
0.4370		11.100		95.00	60.00	9014520111000
0.4374	7/16	11.110		95.00	60.00	9014520111100
0.4409		11.200		95.00	60.00	9014520112000

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

# Series 1452

Speeds & Feeds information pg 462

Twist Drills

Dec. inch	Diameter (d1)		I1 mm	I2 mm	EDP #	
	Fract. inch	Wire / letter				
0.4449			11.300	95.00	60.00	9014520113000
0.4488			11.400	95.00	60.00	9014520114000
0.4528			11.500	95.00	60.00	9014520115000
0.4531	29/64		11.510	95.00	60.00	9014520115100
0.4567			11.600	95.00	60.00	9014520116000
0.4606			11.700	95.00	60.00	9014520117000
0.4646			11.800	95.00	60.00	9014520118000
0.4685			11.900	102.00	65.00	9014520119000
0.4689	15/32		11.910	102.00	65.00	9014520119100
0.4724			12.000	102.00	65.00	9014520120000
0.4764			12.100	102.00	65.00	9014520121000
0.4803			12.200	102.00	65.00	9014520122000
0.4843	31/64		12.300	102.00	65.00	9014520123000
0.4882			12.400	102.00	65.00	9014520124000
0.4921			12.500	102.00	65.00	9014520125000
0.4961			12.600	102.00	65.00	9014520126000
0.5000	1/2		12.700	102.00	65.00	9014520127000
0.5039			12.800	102.00	65.00	9014520128000
0.5079			12.900	102.00	65.00	9014520129000
0.5118			13.000	102.00	65.00	9014520130000
0.5157	33/64		13.100	102.00	65.00	9014520131000
0.5197			13.200	102.00	65.00	9014520132000
0.5236			13.300	107.00	66.00	9014520133000
0.5276			13.400	107.00	66.00	9014520134000
0.5315			13.500	107.00	66.00	9014520135000
0.5354			13.600	107.00	66.00	9014520136000
0.5394			13.700	107.00	66.00	9014520137000
0.5433			13.800	107.00	66.00	9014520138000
0.5472			13.900	107.00	66.00	9014520139000
0.5512			14.000	107.00	66.00	9014520140000
0.5551			14.100	111.00	70.00	9014520141000
0.5591			14.200	111.00	70.00	9014520142000
0.5626	9/16		14.290	111.00	70.00	9014520142900
0.5630			14.300	111.00	70.00	9014520143000
0.5669			14.400	111.00	70.00	9014520144000

Dec. inch	Diameter (d1)		I1 mm	I2 mm	EDP #	
	Fract. inch	Wire / letter				
0.5709			14.500	111.00	70.00	9014520145000
0.5748			14.600	111.00	70.00	9014520146000
0.5787			14.700	111.00	70.00	9014520147000
0.5827			14.800	111.00	70.00	9014520148000
0.5866			14.900	111.00	70.00	9014520149000
0.5906			15.000	111.00	70.00	9014520150000
0.5945			15.100	115.00	73.00	9014520151000
0.5984			15.200	115.00	73.00	9014520152000
0.6024			15.300	115.00	73.00	9014520153000
0.6063			15.400	115.00	73.00	9014520154000
0.6102			15.500	115.00	73.00	9014520155000
0.6142			15.600	115.00	73.00	9014520156000
0.6181			15.700	115.00	73.00	9014520157000
0.6220			15.800	115.00	73.00	9014520158000
0.6248	5/8		15.870	115.00	73.00	9014520158700
0.6260			15.900	115.00	73.00	9014520159000
0.6299			16.000	115.00	73.00	9014520160000
0.6406	41/64		16.270	115.00	73.00	9014520162700
0.6496			16.500	119.00	73.00	9014520165000
0.6563	21/32		16.670	119.00	73.00	9014520166700
0.6693			17.000	119.00	73.00	9014520170000
0.6874	11/16		17.460	123.00	76.00	9014520174600
0.6890			17.500	123.00	76.00	9014520175000
0.7087			18.000	123.00	76.00	9014520180000
0.7283			18.500	127.00	76.00	9014520185000
0.7480			19.000	127.00	76.00	9014520190000
0.7500	3/4		19.050	131.00	79.00	9014520190500
0.7677			19.500	131.00	79.00	9014520195000
0.7874			20.000	131.00	79.00	9014520200000

**Alternative Drill Series:**

#609 Carbide, GS200, 5xD, 150 U pt, TiN  
 #5518 Carbide, GS200, 5xD, 150 G pt, Bright