

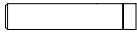
5xD



Bright Finish



External Coolant



Straight Shank

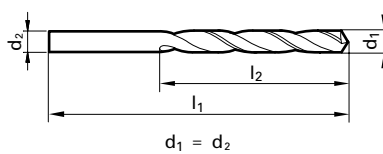
Speeds & Feeds
information pg 443

Series 605




Type Ti

Cobalt, Type Ti, jobber length, self-centering 130° split point, web thinned >1.0mm dia., standard straight shank, RH helix

Cut / Shank Dia. = h8 tolerance range



Application Materials:

-  Universal Steels
-  Stainless Steels
-  Ti & Ni Alloys

Twist Drills



Dec. inch	Diameter (d1)		l1 mm	l2 mm	EDP #
	Fract. inch	Wire / letter			
0.0118			19.00	3.00	9006050003000
0.0122		83	19.00	4.00	9006050003100
0.0126		82	19.00	4.00	9006050003200
0.0130		81	19.00	4.00	9006050003300
0.0134		80	19.00	4.00	9006050003400
0.0146		79	19.00	4.00	9006050003700
0.0157	1/64		20.00	5.00	9006050004000
0.0161		78	20.00	5.00	9006050004100
0.0173			20.00	5.00	9006050004400
0.0177			20.00	5.00	9006050004500
0.0181		77	20.00	5.00	9006050004600
0.0197			22.00	6.00	9006050005000
0.0201		76	22.00	6.00	9006050005100
0.0209		75	22.00	6.00	9006050005300
0.0217			24.00	7.00	9006050005500
0.0224		74	24.00	7.00	9006050005700
0.0228			24.00	7.00	9006050005800
0.0236			24.00	7.00	9006050006000
0.0240		73	26.00	8.00	9006050006100
0.0252		72	26.00	8.00	9006050006400
0.0256			26.00	8.00	9006050006500
0.0260		71	26.00	8.00	9006050006600
0.0276			28.00	9.00	9006050007000
0.0280		70	28.00	9.00	9006050007100
0.0283			28.00	9.00	9006050007200
0.0291		69	28.00	9.00	9006050007400
0.0295			28.00	9.00	9006050007500
0.0299			30.00	10.00	9006050007600
0.0311	1/32	68	30.00	10.00	9006050007900
0.0315			30.00	10.00	9006050008000
0.0319		67	30.00	10.00	9006050008100
0.0323			30.00	10.00	9006050008200
0.0327			30.00	10.00	9006050008300
0.0331		66	30.00	10.00	9006050008400
0.0335			30.00	10.00	9006050008500
0.0339			32.00	11.00	9006050008600
0.0343			32.00	11.00	9006050008700
0.0346			32.00	11.00	9006050008800
0.0350		65	32.00	11.00	9006050008900
0.0354			32.00	11.00	9006050009000
0.0358		64	32.00	11.00	9006050009100
0.0362			32.00	11.00	9006050009200
0.0370		63	32.00	11.00	9006050009400
0.0374			32.00	11.00	9006050009500
0.0382		62	34.00	12.00	9006050009700
0.0386			34.00	12.00	9006050009800
0.0390		61	34.00	12.00	9006050009900
0.0394			34.00	12.00	9006050010000
0.0402		60	34.00	12.00	9006050010200
0.0404			34.00	12.00	9006050010250
0.0409		59	34.00	12.00	9006050010400
0.0413			34.00	12.00	9006050010500
0.0421		58	36.00	14.00	9006050010700

Dec. inch	Diameter (d1)		l1 mm	l2 mm	EDP #
	Fract. inch	Wire / letter			
0.0425			36.00	14.00	9006050010800
0.0429		57	36.00	14.00	9006050010900
0.0433			36.00	14.00	9006050011000
0.0449			36.00	14.00	9006050011400
0.0453			36.00	14.00	9006050011500
0.0457			36.00	14.00	9006050011600
0.0465		56	36.00	14.00	9006050011800
0.0469	3/64		38.00	16.00	9006050011900
0.0472			38.00	16.00	9006050012000
0.0476			38.00	16.00	9006050012100
0.0480			38.00	16.00	9006050012200
0.0484			38.00	16.00	9006050012300
0.0492			38.00	16.00	9006050012500
0.0508			38.00	16.00	9006050012900
0.0512			38.00	16.00	9006050013000
0.0520		55	38.00	16.00	9006050013200
0.0531			40.00	18.00	9006050013500
0.0551		54	40.00	18.00	9006050014000
0.0571			40.00	18.00	9006050014500
0.0575			40.00	18.00	9006050014600
0.0591			40.00	18.00	9006050015000
0.0594		53	43.00	20.00	9006050015100
0.0598			43.00	20.00	9006050015200
0.0602			43.00	20.00	9006050015300
0.0610			43.00	20.00	9006050015500
0.0626	1/16		43.00	20.00	9006050015900
0.0630			43.00	20.00	9006050016000
0.0634		52	43.00	20.00	9006050016100
0.0638			43.00	20.00	9006050016200
0.0650			43.00	20.00	9006050016500
0.0661			43.00	20.00	9006050016800
0.0669		51	43.00	20.00	9006050017000
0.0681			46.00	22.00	9006050017300
0.0689			46.00	22.00	9006050017500
0.0701		50	46.00	22.00	9006050017800
0.0709			46.00	22.00	9006050018000
0.0717			46.00	22.00	9006050018200
0.0728		49	46.00	22.00	9006050018500
0.0748			46.00	22.00	9006050019000
0.0760		48	49.00	24.00	9006050019300
0.0768			49.00	24.00	9006050019500
0.0776			49.00	24.00	9006050019700
0.0780	5/64		49.00	24.00	9006050019800
0.0783		47	49.00	24.00	9006050019900
0.0787			49.00	24.00	9006050020000
0.0795			49.00	24.00	9006050020200
0.0799			49.00	24.00	9006050020300
0.0803			49.00	24.00	9006050020400
0.0807			49.00	24.00	9006050020500
0.0811		46	49.00	24.00	9006050020600
0.0819		45	49.00	24.00	9006050020800
0.0827			49.00	24.00	9006050021000
0.0835			49.00	24.00	9006050021200

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

Series 605

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Twist Drills

Dec. inch	Diameter (d1)		l1 mm	l2 mm	EDP #	
	Fract. inch	Wire / letter				
0.0846			2.150	53.00	27.00	9006050021500
0.0858		44	2.180	53.00	27.00	9006050021800
0.0866			2.200	53.00	27.00	9006050022000
0.0886			2.250	53.00	27.00	9006050022500
0.0890		43	2.260	53.00	27.00	9006050022600
0.0906			2.300	53.00	27.00	9006050023000
0.0913			2.320	53.00	27.00	9006050023200
0.0925			2.350	53.00	27.00	9006050023500
0.0933		42	2.370	57.00	30.00	9006050023700
0.0937	3/32		2.380	57.00	30.00	9006050023800
0.0945			2.400	57.00	30.00	9006050024000
0.0961		41	2.440	57.00	30.00	9006050024400
0.0965			2.450	57.00	30.00	9006050024500
0.0980		40	2.490	57.00	30.00	9006050024900
0.0984			2.500	57.00	30.00	9006050025000
0.0996		39	2.530	57.00	30.00	9006050025300
0.1004			2.550	57.00	30.00	9006050025500
0.1016		38	2.580	57.00	30.00	9006050025800
0.1024			2.600	57.00	30.00	9006050026000
0.1039		37	2.640	57.00	30.00	9006050026400
0.1043			2.650	57.00	30.00	9006050026500
0.1063			2.700	61.00	33.00	9006050027000
0.1067		36	2.710	61.00	33.00	9006050027100
0.1083			2.750	61.00	33.00	9006050027500
0.1094	7/64		2.780	61.00	33.00	9006050027800
0.1098		35	2.790	61.00	33.00	9006050027900
0.1102			2.800	61.00	33.00	9006050028000
0.1106			2.810	61.00	33.00	9006050028100
0.1110		34	2.820	61.00	33.00	9006050028200
0.1122			2.850	61.00	33.00	9006050028500
0.1130		33	2.870	61.00	33.00	9006050028700
0.1142			2.900	61.00	33.00	9006050029000
0.1161		32	2.950	61.00	33.00	9006050029500
0.1181			3.000	61.00	33.00	9006050030000
0.1193			3.030	65.00	36.00	9006050030300
0.1201		31	3.050	65.00	36.00	9006050030500
0.1220			3.100	65.00	36.00	9006050031000
0.1240			3.150	65.00	36.00	9006050031500
0.1248	1/8		3.170	65.00	36.00	9006050031700
0.1260			3.200	65.00	36.00	9006050032000
0.1280			3.250	65.00	36.00	9006050032500
0.1283		30	3.260	65.00	36.00	9006050032600
0.1299			3.300	65.00	36.00	9006050033000
0.1319			3.350	65.00	36.00	9006050033500
0.1339			3.400	70.00	39.00	9006050034000
0.1358		29	3.450	70.00	39.00	9006050034500
0.1378			3.500	70.00	39.00	9006050035000
0.1398			3.550	70.00	39.00	9006050035500
0.1406	9/64	28	3.570	70.00	39.00	9006050035700
0.1417			3.600	70.00	39.00	9006050036000
0.1437			3.650	70.00	39.00	9006050036500
0.1441		27	3.660	70.00	39.00	9006050036600
0.1457			3.700	70.00	39.00	9006050037000
0.1469		26	3.730	70.00	39.00	9006050037300
0.1476			3.750	70.00	39.00	9006050037500
0.1496		25	3.800	75.00	43.00	9006050038000
0.1520		24	3.860	75.00	43.00	9006050038600
0.1535			3.900	75.00	43.00	9006050039000
0.1539		23	3.910	75.00	43.00	9006050039100
0.1555			3.950	75.00	43.00	9006050039500
0.1563	5/32		3.970	75.00	43.00	9006050039700
0.1571		22	3.990	75.00	43.00	9006050039900
0.1575			4.000	75.00	43.00	9006050040000
0.1591		21	4.040	75.00	43.00	9006050040400
0.1594			4.050	75.00	43.00	9006050040500
0.1610		20	4.090	75.00	43.00	9006050040900
0.1614			4.100	75.00	43.00	9006050041000
0.1634			4.150	75.00	43.00	9006050041500
0.1654			4.200	75.00	43.00	9006050042000

Dec. inch	Diameter (d1)		l1 mm	l2 mm	EDP #	
	Fract. inch	Wire / letter				
0.1661		19	4.220	75.00	43.00	9006050042200
0.1673			4.250	75.00	43.00	9006050042500
0.1693		18	4.300	80.00	47.00	9006050043000
0.1713			4.350	80.00	47.00	9006050043500
0.1720	11/64		4.370	80.00	47.00	9006050043700
0.1728		17	4.390	80.00	47.00	9006050043900
0.1732			4.400	80.00	47.00	9006050044000
0.1772		16	4.500	80.00	47.00	9006050045000
0.1791			4.550	80.00	47.00	9006050045500
0.1799		15	4.570	80.00	47.00	9006050045700
0.1811			4.600	80.00	47.00	9006050046000
0.1819		14	4.620	80.00	47.00	9006050046200
0.1850		13	4.700	80.00	47.00	9006050047000
0.1870			4.750	80.00	47.00	9006050047500
0.1874	3/16		4.760	86.00	52.00	9006050047600
0.1890		12	4.800	86.00	52.00	9006050048000
0.1909		11	4.850	86.00	52.00	9006050048500
0.1929			4.900	86.00	52.00	9006050049000
0.1937		10	4.920	86.00	52.00	9006050049200
0.1961		9	4.980	86.00	52.00	9006050049800
0.1969			5.000	86.00	52.00	9006050050000
0.1988			5.050	86.00	52.00	9006050050500
0.1992		8	5.060	86.00	52.00	9006050050600
0.2008			5.100	86.00	52.00	9006050051000
0.2012		7	5.110	86.00	52.00	9006050051100
0.2031	13/64		5.160	86.00	52.00	9006050051600
0.2039		6	5.180	86.00	52.00	9006050051800
0.2047			5.200	86.00	52.00	9006050052000
0.2055		5	5.220	86.00	52.00	9006050052200
0.2087			5.300	86.00	52.00	9006050053000
0.2091		4	5.310	93.00	57.00	9006050053100
0.2126			5.400	93.00	57.00	9006050054000
0.2130		3	5.410	93.00	57.00	9006050054100
0.2165			5.500	93.00	57.00	9006050055000
0.2185			5.550	93.00	57.00	9006050055500
0.2189	7/32		5.560	93.00	57.00	9006050055600
0.2205			5.600	93.00	57.00	9006050056000
0.2209		2	5.610	93.00	57.00	9006050056100
0.2244			5.700	93.00	57.00	9006050057000
0.2264			5.750	93.00	57.00	9006050057500
0.2280		1	5.790	93.00	57.00	9006050057900
0.2283			5.800	93.00	57.00	9006050058000
0.2323			5.900	93.00	57.00	9006050059000
0.2339		A	5.940	93.00	57.00	9006050059400
0.2343	15/64		5.950	93.00	57.00	9006050059500
0.2362			6.000	93.00	57.00	9006050060000
0.2378		B	6.040	101.00	63.00	9006050060400
0.2382			6.050	101.00	63.00	9006050060500
0.2394			6.080	101.00	63.00	9006050060800
0.2402			6.100	101.00	63.00	9006050061000
0.2421		C	6.150	101.00	63.00	9006050061500
0.2441			6.200	101.00	63.00	9006050062000
0.2461		D	6.250	101.00	63.00	9006050062500
0.2480			6.300	101.00	63.00	9006050063000
0.2500	1/4	E	6.350	101.00	63.00	9006050063500
0.2520			6.400	101.00	63.00	9006050064000
0.2559			6.500	101.00	63.00	9006050065000
0.2571		F	6.530	101.00	63.00	9006050065300
0.2598			6.600	101.00	63.00	9006050066000
0.2610		G	6.630	101.00	63.00	9006050066300
0.2638			6.700	101.00	63.00	9006050067000
0.2657	17/64	H	6.750	109.00	69.00	9006050067500
0.2677			6.800	109.00	69.00	9006050068000
0.2717		I	6.900	109.00	69.00	9006050069000
0.2756			7.000	109.00	69.00	9006050070000
0.2768		J	7.030	109.00	69.00	9006050070300
0.2795			7.100	109.00	69.00	9006050071000
0.2811	9/32	K	7.140	109.00	69.00	9006050071400
0.2835			7.200	109.00	69.00	9006050072000

Series 605

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Dec. inch	Diameter (d1)		I1 mm	I2 mm	EDP #	
	Fract. inch	Wire / letter				
0.2874			7.300	109.00	69.00	9006050073000
0.2902		L	7.370	109.00	69.00	9006050073700
0.2913			7.400	109.00	69.00	9006050074000
0.2949		M	7.490	109.00	69.00	9006050074900
0.2953			7.500	109.00	69.00	9006050075000
0.2969	19/64		7.540	117.00	75.00	9006050075400
0.2972			7.550	117.00	75.00	9006050075500
0.2992			7.600	117.00	75.00	9006050076000
0.3020		N	7.670	117.00	75.00	9006050076700
0.3031			7.700	117.00	75.00	9006050077000
0.3071			7.800	117.00	75.00	9006050078000
0.3110			7.900	117.00	75.00	9006050079000
0.3126	5/16		7.940	117.00	75.00	9006050079400
0.3150			8.000	117.00	75.00	9006050080000
0.3161		O	8.030	117.00	75.00	9006050080300
0.3189			8.100	117.00	75.00	9006050081000
0.3228		P	8.200	117.00	75.00	9006050082000
0.3268			8.300	117.00	75.00	9006050083000
0.3280	21/64		8.330	117.00	75.00	9006050083300
0.3307			8.400	117.00	75.00	9006050084000
0.3319		Q	8.430	117.00	75.00	9006050084300
0.3346			8.500	117.00	75.00	9006050085000
0.3386			8.600	125.00	81.00	9006050086000
0.3390		R	8.610	125.00	81.00	9006050086100
0.3425			8.700	125.00	81.00	9006050087000
0.3437	11/32		8.730	125.00	81.00	9006050087300
0.3465			8.800	125.00	81.00	9006050088000
0.3480		S	8.840	125.00	81.00	9006050088400
0.3504			8.900	125.00	81.00	9006050089000
0.3543			9.000	125.00	81.00	9006050090000
0.3579		T	9.090	125.00	81.00	9006050090900
0.3583			9.100	125.00	81.00	9006050091000
0.3594	23/64		9.130	125.00	81.00	9006050091300
0.3622			9.200	125.00	81.00	9006050092000
0.3661			9.300	125.00	81.00	9006050093000
0.3677		U	9.340	125.00	81.00	9006050093400
0.3701			9.400	125.00	81.00	9006050094000
0.3740			9.500	125.00	81.00	9006050095000
0.3748	3/8		9.520	133.00	87.00	9006050095200
0.3772		V	9.580	133.00	87.00	9006050095800
0.3780			9.600	133.00	87.00	9006050096000
0.3819			9.700	133.00	87.00	9006050097000
0.3858		W	9.800	133.00	87.00	9006050098000
0.3898			9.900	133.00	87.00	9006050099000
0.3906	25/64		9.920	133.00	87.00	9006050099200
0.3937			10.000	133.00	87.00	9006050100000
0.3969		X	10.080	133.00	87.00	9006050100800
0.4016			10.200	133.00	87.00	9006050102000
0.4039		Y	10.260	133.00	87.00	9006050102600
0.4055			10.300	133.00	87.00	9006050103000
0.4063	13/32		10.320	133.00	87.00	9006050103200
0.4130		Z	10.490	133.00	87.00	9006050104900

Dec. inch	Diameter (d1)		I1 mm	I2 mm	EDP #	
	Fract. inch	Wire / letter				
0.4134			10.500	133.00	87.00	9006050105000
0.4173			10.600	133.00	87.00	9006050106000
0.4220	27/64		10.720	142.00	94.00	9006050107200
0.4252			10.800	142.00	94.00	9006050108000
0.4331			11.000	142.00	94.00	9006050110000
0.4374	7/16		11.110	142.00	94.00	9006050111100
0.4449			11.300	142.00	94.00	9006050113000
0.4528			11.500	142.00	94.00	9006050115000
0.4531	29/64		11.510	142.00	94.00	9006050115100
0.4606			11.700	142.00	94.00	9006050117000
0.4689	15/32		11.910	151.00	101.00	9006050119100
0.4724			12.000	151.00	101.00	9006050120000
0.4803			12.200	151.00	101.00	9006050122000
0.4843	31/64		12.300	151.00	101.00	9006050123000
0.4921			12.500	151.00	101.00	9006050125000
0.5000	1/2		12.700	151.00	101.00	9006050127000
0.5118			13.000	151.00	101.00	9006050130000
0.5157	33/64		13.100	151.00	101.00	9006050131000
0.5311	17/32		13.490	160.00	108.00	9006050134900
0.5469	35/64		13.890	160.00	108.00	9006050138900
0.5512			14.000	160.00	108.00	9006050140000
0.5626	9/16		14.290	169.00	114.00	9006050142900
0.5709			14.500	169.00	114.00	9006050145000
0.5780	37/64		14.680	169.00	114.00	9006050146800
0.5906			15.000	169.00	114.00	9006050150000
0.5937	19/32		15.080	178.00	120.00	9006050150800
0.6094	39/64		15.480	178.00	120.00	9006050154800
0.6102			15.500	178.00	120.00	9006050155000
0.6248	5/8		15.870	178.00	120.00	9006050158700
0.6299			16.000	178.00	120.00	9006050160000
0.6406	41/64		16.270	178.00	120.00	9006050162700
0.6496			16.500	184.00	125.00	9006050165000
0.6563	21/32		16.670	184.00	125.00	9006050166700
0.6693			17.000	184.00	125.00	9006050170000
0.6720	43/64		17.070	191.00	130.00	9006050170700
0.6874	11/16		17.460	191.00	130.00	9006050174600
0.6890			17.500	191.00	130.00	9006050175000
0.7031	45/64		17.860	191.00	130.00	9006050178600
0.7087			18.000	191.00	130.00	9006050180000
0.7189	23/32		18.260	198.00	135.00	9006050182600
0.7343	47/64		18.650	198.00	135.00	9006050186500
0.7480			19.000	198.00	135.00	9006050190000
0.7500	3/4		19.050	205.00	140.00	9006050190500

Alternative Drill Series:

- #657 Cobalt, Ti, 5xD, 130 pt, TiN
- #305 Cobalt, GP, 5xD, 118 pt, Bright/ Steam Oxide > 2.36
- #658 Cobalt, GT100, 5xD, 130 pt, TiN
- #530 PM Cobalt, GT500, 5xD, 130 pt, FIREX®

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