

# 3xD

# Series 1184

Application Materials:

Twist Drills



TiN coated



External Coolant



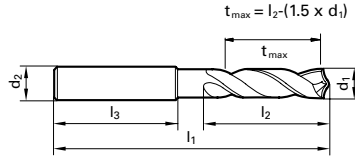
Reinforced Straight Shank  
w/Whistle Notch

Speeds & Feeds  
information pg 459

## RT 100 U High Penetration

Carbide, RT 100 U high penetration, 3xD, self-centering 140° SU point, reinforced straight shank with whistle notch, RH helix

Cut Dia. = m7 tolerance range, Shank Dia. = h6



- Universal Steels
- General Steels/Brass
- Cast Iron

Dec. inch	Fract. inch	Wire / letter	Diameter (d1) mm	d2 mm	l1 mm	l2 mm	EDP #
0.1181			3.000	6.000	62.00	20.00	9011840030000
0.1220			3.100	6.000	62.00	20.00	9011840031000
0.1248	1/8		3.170	6.000	62.00	20.00	9011840031700
0.1260			3.200	6.000	62.00	20.00	9011840032000
0.1299			3.300	6.000	62.00	20.00	9011840033000
0.1339			3.400	6.000	62.00	20.00	9011840034000
0.1378			3.500	6.000	62.00	20.00	9011840035000
0.1406	9/64	28	3.570	6.000	62.00	20.00	9011840035700
0.1417			3.600	6.000	62.00	20.00	9011840036000
0.1457			3.700	6.000	62.00	20.00	9011840037000
0.1496		25	3.800	6.000	66.00	24.00	9011840038000
0.1535			3.900	6.000	66.00	24.00	9011840039000
0.1563	5/32		3.970	6.000	66.00	24.00	9011840039700
0.1575			4.000	6.000	66.00	24.00	9011840040000
0.1614			4.100	6.000	66.00	24.00	9011840041000
0.1654			4.200	6.000	66.00	24.00	9011840042000
0.1693		18	4.300	6.000	66.00	24.00	9011840043000
0.1720	11/64		4.370	6.000	66.00	24.00	9011840043700
0.1732			4.400	6.000	66.00	24.00	9011840044000
0.1772		16	4.500	6.000	66.00	24.00	9011840045000
0.1811			4.600	6.000	66.00	24.00	9011840046000
0.1850		13	4.700	6.000	66.00	24.00	9011840047000
0.1874	3/16		4.760	6.000	66.00	28.00	9011840047600
0.1890		12	4.800	6.000	66.00	28.00	9011840048000
0.1929			4.900	6.000	66.00	28.00	9011840049000
0.1969			5.000	6.000	66.00	28.00	9011840050000
0.2008			5.100	6.000	66.00	28.00	9011840051000
0.2031	13/64		5.160	6.000	66.00	28.00	9011840051600
0.2047			5.200	6.000	66.00	28.00	9011840052000
0.2087			5.300	6.000	66.00	28.00	9011840053000
0.2126			5.400	6.000	66.00	28.00	9011840054000
0.2165			5.500	6.000	66.00	28.00	9011840055000
0.2189	7/32		5.560	6.000	66.00	28.00	9011840055600
0.2205			5.600	6.000	66.00	28.00	9011840056000
0.2244			5.700	6.000	66.00	28.00	9011840057000
0.2283			5.800	6.000	66.00	28.00	9011840058000
0.2323			5.900	6.000	66.00	28.00	9011840059000
0.2343	15/64		5.950	6.000	66.00	28.00	9011840059500
0.2362			6.000	6.000	66.00	28.00	9011840060000
0.2402			6.100	8.000	79.00	34.00	9011840061000
0.2441			6.200	8.000	79.00	34.00	9011840062000
0.2480			6.300	8.000	79.00	34.00	9011840063000
0.2500	1/4	E	6.350	8.000	79.00	34.00	9011840063500
0.2520			6.400	8.000	79.00	34.00	9011840064000
0.2559			6.500	8.000	79.00	34.00	9011840065000
0.2598			6.600	8.000	79.00	34.00	9011840066000
0.2638			6.700	8.000	79.00	34.00	9011840067000
0.2657	17/64	H	6.750	8.000	79.00	34.00	9011840067500
0.2677			6.800	8.000	79.00	34.00	9011840068000
0.2717		I	6.900	8.000	79.00	34.00	9011840069000
0.2756			7.000	8.000	79.00	34.00	9011840070000
0.2795			7.100	8.000	79.00	41.00	9011840071000
0.2811	9/32	K	7.140	8.000	79.00	41.00	9011840071400
0.2835			7.200	8.000	79.00	41.00	9011840072000

Dec. inch	Fract. inch	Wire / letter	Diameter (d1) mm	d2 mm	l1 mm	l2 mm	EDP #
0.2874			7.300	8.000	79.00	41.00	9011840073000
0.2913			7.400	8.000	79.00	41.00	9011840074000
0.2953			7.500	8.000	79.00	41.00	9011840075000
0.2969	19/64		7.540	8.000	79.00	41.00	9011840075400
0.2992			7.600	8.000	79.00	41.00	9011840076000
0.3031			7.700	8.000	79.00	41.00	9011840077000
0.3071			7.800	8.000	79.00	41.00	9011840078000
0.3110			7.900	8.000	79.00	41.00	9011840079000
0.3126	5/16		7.940	8.000	79.00	41.00	9011840079400
0.3150			8.000	8.000	79.00	41.00	9011840080000
0.3189			8.100	10.000	89.00	47.00	9011840081000
0.3228		P	8.200	10.000	89.00	47.00	9011840082000
0.3268			8.300	10.000	89.00	47.00	9011840083000
0.3280	21/64		8.330	10.000	89.00	47.00	9011840083300
0.3307			8.400	10.000	89.00	47.00	9011840084000
0.3346			8.500	10.000	89.00	47.00	9011840085000
0.3386			8.600	10.000	89.00	47.00	9011840086000
0.3425			8.700	10.000	89.00	47.00	9011840087000
0.3437	11/32		8.730	10.000	89.00	47.00	9011840087300
0.3465			8.800	10.000	89.00	47.00	9011840088000
0.3504			8.900	10.000	89.00	47.00	9011840089000
0.3543			9.000	10.000	89.00	47.00	9011840090000
0.3583			9.100	10.000	89.00	47.00	9011840091000
0.3594	23/64		9.130	10.000	89.00	47.00	9011840091300
0.3622			9.200	10.000	89.00	47.00	9011840092000
0.3661			9.300	10.000	89.00	47.00	9011840093000
0.3701			9.400	10.000	89.00	47.00	9011840094000
0.3740			9.500	10.000	89.00	47.00	9011840095000
0.3748	3/8		9.520	10.000	89.00	47.00	9011840095200
0.3780			9.600	10.000	89.00	47.00	9011840096000
0.3819			9.700	10.000	89.00	47.00	9011840097000
0.3858		W	9.800	10.000	89.00	47.00	9011840098000
0.3898			9.900	10.000	89.00	47.00	9011840099000
0.3906	25/64		9.920	10.000	89.00	47.00	9011840099200
0.3937			10.000	10.000	89.00	47.00	9011840100000
0.3976			10.100	12.000	102.00	55.00	9011840101000
0.4016			10.200	12.000	102.00	55.00	9011840102000
0.4055			10.300	12.000	102.00	55.00	9011840103000
0.4063	13/32		10.320	12.000	102.00	55.00	9011840103200
0.4094			10.400	12.000	102.00	55.00	9011840104000
0.4134			10.500	12.000	102.00	55.00	9011840105000
0.4173			10.600	12.000	102.00	55.00	9011840106000
0.4213			10.700	12.000	102.00	55.00	9011840107000
0.4220	27/64		10.720	12.000	102.00	55.00	9011840107200
0.4252			10.800	12.000	102.00	55.00	9011840108000
0.4291			10.900	12.000	102.00	55.00	9011840109000
0.4331			11.000	12.000	102.00	55.00	9011840110000
0.4370			11.100	12.000	102.00	55.00	9011840111000
0.4374	7/16		11.110	12.000	102.00	55.00	9011840111100
0.4409			11.200	12.000	102.00	55.00	9011840112000
0.4449			11.300	12.000	102.00	55.00	9011840113000
0.4488			11.400	12.000	102.00	55.00	9011840114000
0.4528			11.500	12.000	102.00	55.00	9011840115000
0.4531	29/64		11.510	12.000	102.00	55.00	9011840115100

# Series 1184

## Speeds & Feeds information pg 459

Dec. inch	Diameter (d1)		d2 mm	l1 mm	l2 mm	EDP #	
	Fract. inch	Wire / letter					
0.4567			11.600	12.000	102.00	55.00	9011840116000
0.4606			11.700	12.000	102.00	55.00	9011840117000
0.4646			11.800	12.000	102.00	55.00	9011840118000
0.4685			11.900	12.000	102.00	55.00	9011840119000
0.4689	15/32		11.910	12.000	102.00	55.00	9011840119100
0.4724			12.000	12.000	102.00	55.00	9011840120000
0.4764			12.100	14.000	107.00	60.00	9011840121000
0.4803			12.200	14.000	107.00	60.00	9011840122000
0.4843	31/64		12.300	14.000	107.00	60.00	9011840123000
0.4882			12.400	14.000	107.00	60.00	9011840124000
0.4921			12.500	14.000	107.00	60.00	9011840125000
0.4961			12.600	14.000	107.00	60.00	9011840126000
0.5000	1/2		12.700	14.000	107.00	60.00	9011840127000
0.5039			12.800	14.000	107.00	60.00	9011840128000
0.5118			13.000	14.000	107.00	60.00	9011840130000
0.5157	33/64		13.100	14.000	107.00	60.00	9011840131000
0.5197			13.200	14.000	107.00	60.00	9011840132000
0.5236			13.300	14.000	107.00	60.00	9011840133000
0.5315			13.500	14.000	107.00	60.00	9011840135000
0.5354			13.600	14.000	107.00	60.00	9011840136000
0.5394			13.700	14.000	107.00	60.00	9011840137000
0.5433			13.800	14.000	107.00	60.00	9011840138000
0.5469	35/64		13.890	14.000	107.00	60.00	9011840138900
0.5472			13.900	14.000	107.00	60.00	9011840139000
0.5512			14.000	14.000	107.00	60.00	9011840140000
0.5591			14.200	16.000	115.00	65.00	9011840142000
0.5626	9/16		14.290	16.000	115.00	65.00	9011840142900
0.5630			14.300	16.000	115.00	65.00	9011840143000
0.5669			14.400	16.000	115.00	65.00	9011840144000
0.5709			14.500	16.000	115.00	65.00	9011840145000
0.5748			14.600	16.000	115.00	65.00	9011840146000
0.5787			14.700	16.000	115.00	65.00	9011840147000
0.5827			14.800	16.000	115.00	65.00	9011840148000
0.5906			15.000	16.000	115.00	65.00	9011840150000
0.5945			15.100	16.000	115.00	65.00	9011840151000
0.5984			15.200	16.000	115.00	65.00	9011840152000
0.6063			15.400	16.000	115.00	65.00	9011840154000
0.6094	39/64		15.480	16.000	115.00	65.00	9011840154800

Dec. inch	Diameter (d1)		d2 mm	l1 mm	l2 mm	EDP #	
	Fract. inch	Wire / letter					
0.6102			15.500	16.000	115.00	65.00	9011840155000
0.6142			15.600	16.000	115.00	65.00	9011840156000
0.6181			15.700	16.000	115.00	65.00	9011840157000
0.6220			15.800	16.000	115.00	65.00	9011840158000
0.6248	5/8		15.870	16.000	115.00	65.00	9011840158700
0.6260			15.900	16.000	115.00	65.00	9011840159000
0.6299			16.000	16.000	115.00	65.00	9011840160000
0.6339			16.100	18.000	123.00	73.00	9011840161000
0.6378			16.200	18.000	123.00	73.00	9011840162000
0.6406	41/64		16.270	18.000	123.00	73.00	9011840162700
0.6417			16.300	18.000	123.00	73.00	9011840163000
0.6496			16.500	18.000	123.00	73.00	9011840165000
0.6614			16.800	18.000	123.00	73.00	9011840168000
0.6693			17.000	18.000	123.00	73.00	9011840170000
0.6811			17.300	18.000	123.00	73.00	9011840173000
0.6874	11/16		17.460	18.000	123.00	73.00	9011840174600
0.6890			17.500	18.000	123.00	73.00	9011840175000
0.6969			17.700	18.000	123.00	73.00	9011840177000
0.7008			17.800	18.000	123.00	73.00	9011840178000
0.7031	45/64		17.860	18.000	123.00	73.00	9011840178600
0.7087			18.000	18.000	123.00	73.00	9011840180000
0.7126			18.100	20.000	131.00	79.00	9011840181000
0.7205			18.300	20.000	131.00	79.00	9011840183000
0.7283			18.500	20.000	131.00	79.00	9011840185000
0.7343	47/64		18.650	20.000	131.00	79.00	9011840186500
0.7480			19.000	20.000	131.00	79.00	9011840190000
0.7500	3/4		19.050	20.000	131.00	79.00	9011840190500
0.7559			19.200	20.000	131.00	79.00	9011840192000
0.7677			19.500	20.000	131.00	79.00	9011840195000
0.7717			19.600	20.000	131.00	79.00	9011840196000
0.7795			19.800	20.000	131.00	79.00	9011840198000
0.7874			20.000	20.000	131.00	79.00	9011840200000

### Alternative Drill Series:

- #1242 Carbide, RT100, 3xD, 140 U pt, TiN
- #5514 Carbide, RT100, 3xD, 140 U pt, FIREX®
- #1702 Carbide, RT100, 3xD, 140 F pt, TiN

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