



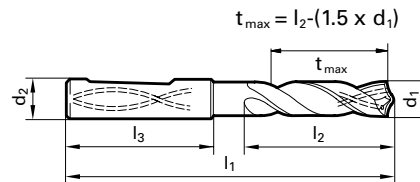
Tool material

Solid Carbide

Surface



- P** Steel ● web thinning ≥ Ø 3.000 • facet point grinding • main cutting edge form straight • optimized cutting geometry
  - M** Stainless steel ○
  - K** Cast iron ● structural and case hardened steels • free-cutting steels, heat treatable steels • steels (alloyed/unalloyed) up to 1200 N/mm<sup>2</sup> • cast materials • bronze, brass • high-alloyed AlSi-alloys
  - N** Aluminum ○
  - S** Titanium alloys ○
  - H** Hardened steel ○
- =Optimal  
○=Limited



For L3 dimensions per DIN 6537, please see page 468  
Speeds and feeds information on pg. 578

Diameter (d1)			d2 mm	l1 mm	t <sub>max</sub> mm	l2 mm	EDP #
inch	wire/ltr	mm					
0.1181		3.00	6.00	66.00	23.50	28.00	9056110030000
0.1220		3.10	6.00	66.00	23.35	28.00	9056110031000
0.1248	1/8	3.17	6.00	66.00	23.25	28.00	9056110031700
0.1260		3.20	6.00	66.00	23.20	28.00	9056110032000
0.1280		3.25	6.00	66.00	23.13	28.00	9056110032500
0.1299		3.30	6.00	66.00	23.05	28.00	9056110033000
0.1339		3.40	6.00	66.00	22.90	28.00	9056110034000
0.1378		3.50	6.00	66.00	22.75	28.00	9056110035000
0.1406	9/64 #28	3.57	6.00	66.00	22.65	28.00	9056110035700
0.1417		3.60	6.00	66.00	22.60	28.00	9056110036000
0.1457		3.70	6.00	66.00	22.45	28.00	9056110037000
0.1496	#25	3.80	6.00	74.00	30.30	36.00	9056110038000
0.1535		3.90	6.00	74.00	30.15	36.00	9056110039000
0.1563	5/32	3.97	6.00	74.00	30.05	36.00	9056110039700
0.1575		4.00	6.00	74.00	30.00	36.00	9056110040000
0.1614		4.10	6.00	74.00	29.85	36.00	9056110041000
0.1654		4.20	6.00	74.00	29.70	36.00	9056110042000
0.1693	#18	4.30	6.00	74.00	29.55	36.00	9056110043000
0.1720	11/64	4.37	6.00	74.00	29.45	36.00	9056110043700
0.1732		4.40	6.00	74.00	29.40	36.00	9056110044000
0.1772	#16	4.50	6.00	74.00	29.25	36.00	9056110045000
0.1811		4.60	6.00	74.00	29.10	36.00	9056110046000
0.1831		4.65	6.00	74.00	29.03	36.00	9056110046500
0.1850	#13	4.70	6.00	74.00	28.95	36.00	9056110047000
0.1874	3/16	4.76	6.00	82.00	36.86	44.00	9056110047600
0.1890	#12	4.80	6.00	82.00	36.80	44.00	9056110048000
0.1929		4.90	6.00	82.00	36.65	44.00	9056110049000
0.1969		5.00	6.00	82.00	36.50	44.00	9056110050000
0.2008		5.10	6.00	82.00	36.35	44.00	9056110051000
0.2031	13/64	5.16	6.00	82.00	36.26	44.00	9056110051600
0.2047		5.20	6.00	82.00	36.20	44.00	9056110052000
0.2087		5.30	6.00	82.00	36.05	44.00	9056110053000
0.2126		5.40	6.00	82.00	35.90	44.00	9056110054000
0.2165		5.50	6.00	82.00	35.75	44.00	9056110055000
0.2185		5.55	6.00	82.00	35.68	44.00	9056110055500
0.2189	7/32	5.56	6.00	82.00	35.66	44.00	9056110055600
0.2205		5.60	6.00	82.00	35.60	44.00	9056110056000
0.2244		5.70	6.00	82.00	35.45	44.00	9056110057000
0.2283		5.80	6.00	82.00	35.30	44.00	9056110058000
0.2323		5.90	6.00	82.00	35.15	44.00	9056110059000
0.2343	15/64	5.95	6.00	82.00	35.08	44.00	9056110059500
0.2362		6.00	6.00	82.00	35.00	44.00	9056110060000

Diameter (d1)			d2 mm	l1 mm	t <sub>max</sub> mm	l2 mm	EDP #
inch	wire/ltr	mm					
0.2402		6.10	8.00	91.00	43.85	53.00	9056110061000
0.2441		6.20	8.00	91.00	43.70	53.00	9056110062000
0.2480		6.30	8.00	91.00	43.55	53.00	9056110063000
0.2500	1/4 E	6.35	8.00	91.00	43.48	53.00	9056110063500
0.2520		6.40	8.00	91.00	43.40	53.00	9056110064000
0.2559		6.50	8.00	91.00	43.25	53.00	9056110065000
0.2598		6.60	8.00	91.00	43.10	53.00	9056110066000
0.2638		6.70	8.00	91.00	42.95	53.00	9056110067000
0.2657	17/64 H	6.75	8.00	91.00	42.88	53.00	9056110067500
0.2677		6.80	8.00	91.00	42.80	53.00	9056110068000
0.2717	I	6.90	8.00	91.00	42.65	53.00	9056110069000
0.2756		7.00	8.00	91.00	42.50	53.00	9056110070000
0.2795		7.10	8.00	91.00	42.35	53.00	9056110071000
0.2811	9/32 K	7.14	8.00	91.00	42.29	53.00	9056110071400
0.2835		7.20	8.00	91.00	42.20	53.00	9056110072000
0.2874		7.30	8.00	91.00	42.05	53.00	9056110073000
0.2913		7.40	8.00	91.00	41.90	53.00	9056110074000
0.2953		7.50	8.00	91.00	41.75	53.00	9056110075000
0.2969	19/64	7.54	8.00	91.00	41.69	53.00	9056110075400
0.2992		7.60	8.00	91.00	41.60	53.00	9056110076000
0.3031		7.70	8.00	91.00	41.45	53.00	9056110077000
0.3071		7.80	8.00	91.00	41.30	53.00	9056110078000
0.3110		7.90	8.00	91.00	41.15	53.00	9056110079000
0.3126	5/16	7.94	8.00	91.00	41.09	53.00	9056110079400
0.3150		8.00	8.00	91.00	41.00	53.00	9056110080000
0.3189		8.10	10.00	103.00	48.85	61.00	9056110081000
0.3228	P	8.20	10.00	103.00	48.70	61.00	9056110082000
0.3268		8.30	10.00	103.00	48.55	61.00	9056110083000
0.3280	21/64	8.33	10.00	103.00	48.51	61.00	9056110083300
0.3307		8.40	10.00	103.00	48.40	61.00	9056110084000
0.3346		8.50	10.00	103.00	48.25	61.00	9056110085000
0.3386		8.60	10.00	103.00	48.10	61.00	9056110086000
0.3425		8.70	10.00	103.00	47.95	61.00	9056110087000
0.3437	11/32	8.73	10.00	103.00	47.91	61.00	9056110087300
0.3465		8.80	10.00	103.00	47.80	61.00	9056110088000
0.3504		8.90	10.00	103.00	47.65	61.00	9056110089000
0.3543		9.00	10.00	103.00	47.50	61.00	9056110090000
0.3583		9.10	10.00	103.00	47.35	61.00	9056110091000
0.3594	23/64	9.13	10.00	103.00	47.31	61.00	9056110091300
0.3622		9.20	10.00	103.00	47.20	61.00	9056110092000
0.3642		9.25	10.00	103.00	47.13	61.00	9056110092500
0.3661		9.30	10.00	103.00	47.05	61.00	9056110093000

5xD Drills

Diameter (d1)			d2 mm	l1 mm	t <sub>max</sub> mm	l2 mm	EDP #
inch	wire/ltr	mm					
0.3701		9.40	10.00	103.00	46.90	61.00	9056110094000
0.3740		9.50	10.00	103.00	46.75	61.00	9056110095000
0.3748	3/8	9.52	10.00	103.00	46.72	61.00	9056110095200
0.3780		9.60	10.00	103.00	46.60	61.00	9056110096000
0.3819		9.70	10.00	103.00	46.45	61.00	9056110097000
0.3858	W	9.80	10.00	103.00	46.30	61.00	9056110098000
0.3898		9.90	10.00	103.00	46.15	61.00	9056110099000
0.3906	25/64	9.92	10.00	103.00	46.12	61.00	9056110099200
0.3937		10.00	10.00	103.00	46.00	61.00	9056110100000
0.3976		10.10	12.00	118.00	55.85	71.00	9056110101000
0.4016		10.20	12.00	118.00	55.70	71.00	9056110102000
0.4055		10.30	12.00	118.00	55.55	71.00	9056110103000
0.4063	13/32	10.32	12.00	118.00	55.52	71.00	9056110103200
0.4094		10.40	12.00	118.00	55.40	71.00	9056110104000
0.4134		10.50	12.00	118.00	55.25	71.00	9056110105000
0.4173		10.60	12.00	118.00	55.10	71.00	9056110106000
0.4213		10.70	12.00	118.00	54.95	71.00	9056110107000
0.4252		10.80	12.00	118.00	54.80	71.00	9056110108000
0.4291		10.90	12.00	118.00	54.65	71.00	9056110109000
0.4331		11.00	12.00	118.00	54.50	71.00	9056110110000
0.4370		11.10	12.00	118.00	54.35	71.00	9056110111000
0.4374	7/16	11.11	12.00	118.00	54.34	71.00	9056110111100
0.4409		11.20	12.00	118.00	54.20	71.00	9056110112000
0.4449		11.30	12.00	118.00	54.05	71.00	9056110113000
0.4488		11.40	12.00	118.00	53.90	71.00	9056110114000
0.4528		11.50	12.00	118.00	53.75	71.00	9056110115000
0.4567		11.60	12.00	118.00	53.60	71.00	9056110116000
0.4606		11.70	12.00	118.00	53.45	71.00	9056110117000
0.4646		11.80	12.00	118.00	53.30	71.00	9056110118000
0.4685		11.90	12.00	118.00	53.15	71.00	9056110119000
0.4689	15/32	11.91	12.00	118.00	53.14	71.00	9056110119100
0.4724		12.00	12.00	118.00	53.00	71.00	9056110120000

Diameter (d1)			d2 mm	l1 mm	t <sub>max</sub> mm	l2 mm	EDP #
inch	wire/ltr	mm					
0.4764		12.10	14.00	124.00	58.85	77.00	9056110121000
0.4803		12.20	14.00	124.00	58.70	77.00	9056110122000
0.4921		12.50	14.00	124.00	58.25	77.00	9056110125000
0.5000	1/2	12.70	14.00	124.00	57.95	77.00	9056110127000
0.5118		13.00	14.00	124.00	57.50	77.00	9056110130000
0.5315		13.50	14.00	124.00	56.75	77.00	9056110135000
0.5394		13.70	14.00	124.00	56.45	77.00	9056110137000
0.5512		14.00	14.00	124.00	56.00	77.00	9056110140000
0.5551		14.10	16.00	133.00	61.85	83.00	9056110141000
0.5591		14.20	16.00	133.00	61.70	83.00	9056110142000
0.5626	9/16	14.29	16.00	133.00	61.57	83.00	9056110142900
0.5709		14.50	16.00	133.00	61.25	83.00	9056110145000
0.5787		14.70	16.00	133.00	60.95	83.00	9056110147000
0.5906		15.00	16.00	133.00	60.50	83.00	9056110150000
0.5984		15.20	16.00	133.00	60.20	83.00	9056110152000
0.6102		15.50	16.00	133.00	59.75	83.00	9056110155000
0.6181		15.70	16.00	133.00	59.45	83.00	9056110157000
0.6299		16.00	16.00	133.00	59.00	83.00	9056110160000
0.6496		16.50	18.00	143.00	68.25	93.00	9056110165000
0.6575		16.70	18.00	143.00	67.95	93.00	9056110167000
0.6693		17.00	18.00	143.00	67.50	93.00	9056110170000
0.6890		17.50	18.00	143.00	66.75	93.00	9056110175000
0.6969		17.70	18.00	143.00	66.45	93.00	9056110177000
0.7087		18.00	18.00	143.00	66.00	93.00	9056110180000
0.7283		18.50	20.00	153.00	73.25	101.00	9056110185000
0.7362		18.70	20.00	153.00	72.95	101.00	9056110187000
0.7480		19.00	20.00	153.00	72.50	101.00	9056110190000
0.7500	3/4	19.05	20.00	153.00	72.43	101.00	9056110190500
0.7677		19.50	20.00	153.00	71.75	101.00	9056110195000
0.7756		19.70	20.00	153.00	71.45	101.00	9056110197000
0.7874		20.00	20.00	153.00	71.00	101.00	9056110200000