



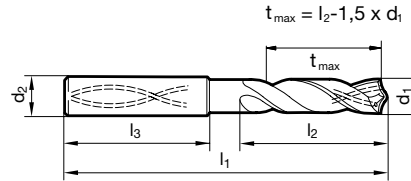
Tool material **Solid Carbide**  
Surface **F**

<b>P</b>	Steel	●
<b>M</b>	Stainless steel	○
<b>K</b>	Cast iron	○
<b>N</b>	Aluminum	○
<b>S</b>	Titanium alloys	○
<b>H</b>	Hardened steel	○

relieved cone • main cutting edge form concave • optimized cutting geometry • maximum performance • double margin

structural and case hardened steels • free-cutting steels, heat treatable steels • steels (alloyed/unalloyed) up to 1400 N/mm<sup>2</sup>

● = Optimal  
○ = Limited



For L3 dimensions per DIN 6537, please see page 468  
Speeds and feeds information on pg. 568

Diameter (d <sub>1</sub> )			d <sub>2</sub> mm	l <sub>1</sub> mm	t <sub>max</sub> mm	l <sub>2</sub> mm	EDP #
inch	wire/tr	mm					
0.1181		3.00	6.00	70.00	25.50	30.00	9054990030000
0.1220		3.10	6.00	70.00	25.35	30.00	9054990031000
0.1248	1/8	3.17	6.00	70.00	25.25	30.00	9054990031700
0.1260		3.20	6.00	70.00	25.20	30.00	9054990032000
0.1280		3.25	6.00	70.00	25.13	30.00	9054990032500
0.1299		3.30	6.00	70.00	25.05	30.00	9054990033000
0.1339		3.40	6.00	75.00	30.40	35.50	9054990034000
0.1378		3.50	6.00	75.00	30.25	35.50	9054990035000
0.1406	9/64 #28	3.57	6.00	75.00	30.15	35.50	9054990035700
0.1417		3.60	6.00	75.00	30.10	35.50	9054990036000
0.1457		3.70	6.00	75.00	29.95	35.50	9054990037000
0.1496	#25	3.80	6.00	75.00	31.80	37.50	9054990038000
0.1535		3.90	6.00	75.00	31.65	37.50	9054990039000
0.1563	5/32	3.97	6.00	75.00	31.55	37.50	9054990039700
0.1575		4.00	6.00	75.00	31.50	37.50	9054990040000
0.1591	#21	4.04	6.00	75.00	31.44	37.50	9054990040400
0.1614		4.10	6.00	75.00	31.35	37.50	9054990041000
0.1654		4.20	6.00	75.00	31.20	37.50	9054990042000
0.1693	#18	4.30	6.00	85.00	38.55	45.00	9054990043000
0.1720	11/64	4.37	6.00	85.00	38.45	45.00	9054990043700
0.1732		4.40	6.00	85.00	38.40	45.00	9054990044000
0.1772	#16	4.50	6.00	85.00	38.25	45.00	9054990045000
0.1811		4.60	6.00	85.00	38.10	45.00	9054990046000
0.1831		4.65	6.00	85.00	38.03	45.00	9054990046500
0.1850	#13	4.70	6.00	85.00	37.95	45.00	9054990047000
0.1874	3/16	4.76	6.00	90.00	42.86	50.00	9054990047600
0.1890	#12	4.80	6.00	90.00	42.80	50.00	9054990048000
0.1929		4.90	6.00	90.00	42.65	50.00	9054990049000
0.1969		5.00	6.00	90.00	42.50	50.00	9054990050000
0.2008		5.10	6.00	90.00	42.35	50.00	9054990051000
0.2012	#7	5.11	6.00	90.00	42.34	50.00	9054990051100
0.2031	13/64	5.16	6.00	90.00	42.26	50.00	9054990051600
0.2047		5.20	6.00	90.00	42.20	50.00	9054990052000
0.2087		5.30	6.00	90.00	42.05	50.00	9054990053000
0.2126		5.40	6.00	97.00	48.90	57.00	9054990054000
0.2130	#3	5.41	6.00	97.00	48.89	57.00	9054990054100
0.2165		5.50	6.00	97.00	48.75	57.00	9054990055000
0.2185		5.55	6.00	97.00	48.68	57.00	9054990055500
0.2189	7/32	5.56	6.00	97.00	48.66	57.00	9054990055600
0.2205		5.60	6.00	97.00	48.60	57.00	9054990056000
0.2244		5.70	6.00	97.00	48.45	57.00	9054990057000
0.2283		5.80	6.00	97.00	48.30	57.00	9054990058000

Diameter (d <sub>1</sub> )			d <sub>2</sub> mm	l <sub>1</sub> mm	t <sub>max</sub> mm	l <sub>2</sub> mm	EDP #
inch	wire/tr	mm					
0.2323		5.90	6.00	97.00	48.15	57.00	9054990059000
0.2343	15/64	5.95	6.00	97.00	48.08	57.00	9054990059500
0.2362		6.00	6.00	97.00	48.00	57.00	9054990060000
0.2402		6.10	8.00	106.00	56.85	66.00	9054990061000
0.2441		6.20	8.00	106.00	56.70	66.00	9054990062000
0.2480		6.30	8.00	106.00	56.55	66.00	9054990063000
0.2500	1/4 E	6.35	8.00	106.00	56.48	66.00	9054990063500
0.2520		6.40	8.00	106.00	56.40	66.00	9054990064000
0.2559		6.50	8.00	106.00	56.25	66.00	9054990065000
0.2571	F	6.53	8.00	106.00	56.21	66.00	9054990065300
0.2579		6.55	8.00	106.00	56.18	66.00	9054990065500
0.2598		6.60	8.00	106.00	56.10	66.00	9054990066000
0.2638		6.70	8.00	106.00	55.95	66.00	9054990067000
0.2657	17/64 H	6.75	8.00	106.00	55.88	66.00	9054990067500
0.2677		6.80	8.00	106.00	55.80	66.00	9054990068000
0.2717	I	6.90	8.00	116.00	65.65	76.00	9054990069000
0.2756		7.00	8.00	116.00	65.50	76.00	9054990070000
0.2795		7.10	8.00	116.00	65.35	76.00	9054990071000
0.2811	9/32 K	7.14	8.00	116.00	65.29	76.00	9054990071400
0.2835		7.20	8.00	116.00	65.20	76.00	9054990072000
0.2874		7.30	8.00	116.00	65.05	76.00	9054990073000
0.2913		7.40	8.00	116.00	64.90	76.00	9054990074000
0.2953		7.50	8.00	116.00	64.75	76.00	9054990075000
0.2969	19/64	7.54	8.00	116.00	64.69	76.00	9054990075400
0.2992		7.60	8.00	116.00	64.60	76.00	9054990076000
0.3031		7.70	8.00	116.00	64.45	76.00	9054990077000
0.3071		7.80	8.00	116.00	64.30	76.00	9054990078000
0.3110		7.90	8.00	116.00	64.15	76.00	9054990079000
0.3126	5/16	7.94	8.00	116.00	64.09	76.00	9054990079400
0.3150		8.00	8.00	116.00	64.00	76.00	9054990080000
0.3189		8.10	10.00	131.00	74.85	87.00	9054990081000
0.3228	P	8.20	10.00	131.00	74.70	87.00	9054990082000
0.3268		8.30	10.00	131.00	74.55	87.00	9054990083000
0.3280	21/64	8.33	10.00	131.00	74.51	87.00	9054990083300
0.3307		8.40	10.00	131.00	74.40	87.00	9054990084000
0.3346		8.50	10.00	131.00	74.25	87.00	9054990085000
0.3386		8.60	10.00	131.00	74.10	87.00	9054990086000
0.3425		8.70	10.00	131.00	73.95	87.00	9054990087000
0.3437	11/32	8.73	10.00	131.00	73.91	87.00	9054990087300
0.3465		8.80	10.00	131.00	73.80	87.00	9054990088000
0.3504		8.90	10.00	131.00	73.65	87.00	9054990089000
0.3543		9.00	10.00	131.00	73.50	87.00	9054990090000

7xD Drills

Diameter (d <sub>1</sub> )			d2 mm	l1 mm	t <sub>max</sub> mm	l2 mm	EDP #
inch	wire/ltr	mm					
0.3583		9.10	10.00	139.00	81.35	95.00	9054990091000
0.3594	23/64	9.13	10.00	139.00	81.31	95.00	9054990091300
0.3622		9.20	10.00	139.00	81.20	95.00	9054990092000
0.3642		9.25	10.00	139.00	81.13	95.00	9054990092500
0.3661		9.30	10.00	139.00	81.05	95.00	9054990093000
0.3677	U	9.34	10.00	139.00	80.99	95.00	9054990093400
0.3701		9.40	10.00	139.00	80.90	95.00	9054990094000
0.3740		9.50	10.00	139.00	80.75	95.00	9054990095000
0.3748	3/8	9.52	10.00	139.00	80.72	95.00	9054990095200
0.3780		9.60	10.00	139.00	80.60	95.00	9054990096000
0.3819		9.70	10.00	139.00	80.45	95.00	9054990097000
0.3858	W	9.80	10.00	139.00	80.30	95.00	9054990098000
0.3898		9.90	10.00	139.00	80.15	95.00	9054990099000
0.3906	25/64	9.92	10.00	139.00	80.12	95.00	9054990099200
0.3937		10.00	10.00	139.00	80.00	95.00	9054990100000
0.3976		10.10	12.00	155.00	90.85	106.00	9054990101000
0.4016		10.20	12.00	155.00	90.70	106.00	9054990102000
0.4055		10.30	12.00	155.00	90.55	106.00	9054990103000
0.4063	13/32	10.32	12.00	155.00	90.52	106.00	9054990103200
0.4094		10.40	12.00	155.00	90.40	106.00	9054990104000
0.4134		10.50	12.00	155.00	90.25	106.00	9054990105000
0.4173		10.60	12.00	155.00	90.10	106.00	9054990106000
0.4213		10.70	12.00	155.00	89.95	106.00	9054990107000
0.4220	27/64	10.72	12.00	155.00	89.92	106.00	9054990107200
0.4252		10.80	12.00	155.00	89.80	106.00	9054990108000
0.4291		10.90	12.00	155.00	89.65	106.00	9054990109000
0.4331		11.00	12.00	155.00	89.50	106.00	9054990110000
0.4370		11.10	12.00	163.00	97.35	114.00	9054990111000
0.4374	7/16	11.11	12.00	163.00	97.34	114.00	9054990111100
0.4409		11.20	12.00	163.00	97.20	114.00	9054990112000
0.4449		11.30	12.00	163.00	97.05	114.00	9054990113000
0.4488		11.40	12.00	163.00	96.90	114.00	9054990114000
0.4528		11.50	12.00	163.00	96.75	114.00	9054990115000
0.4531	29/64	11.51	12.00	163.00	96.74	114.00	9054990115100
0.4567		11.60	12.00	163.00	96.60	114.00	9054990116000
0.4606		11.70	12.00	163.00	96.45	114.00	9054990117000
0.4646		11.80	12.00	163.00	96.30	114.00	9054990118000
0.4685		11.90	12.00	163.00	96.15	114.00	9054990119000
0.4689	15/32	11.91	12.00	163.00	96.14	114.00	9054990119100
0.4724		12.00	12.00	163.00	96.00	114.00	9054990120000
0.4764		12.10	14.00	182.00	114.85	133.00	9054990121000
0.4803		12.20	14.00	182.00	114.70	133.00	9054990122000
0.4843	31/64	12.30	14.00	182.00	114.55	133.00	9054990123000
0.4882		12.40	14.00	182.00	114.40	133.00	9054990124000

Diameter (d <sub>1</sub> )			d2 mm	l1 mm	t <sub>max</sub> mm	l2 mm	EDP #
inch	wire/ltr	mm					
0.4921		12.50	14.00	182.00	114.25	133.00	9054990125000
0.4961		12.60	14.00	182.00	114.10	133.00	9054990126000
0.5000	1/2	12.70	14.00	182.00	113.95	133.00	9054990127000
0.5039		12.80	14.00	182.00	113.80	133.00	9054990128000
0.5079		12.90	14.00	182.00	113.65	133.00	9054990129000
0.5118		13.00	14.00	182.00	113.50	133.00	9054990130000
0.5157	33/64	13.10	14.00	182.00	113.35	133.00	9054990131000
0.5311	17/32	13.49	14.00	182.00	112.77	133.00	9054990134900
0.5315		13.50	14.00	182.00	112.75	133.00	9054990135000
0.5394		13.70	14.00	182.00	112.45	133.00	9054990137000
0.5469	35/64	13.89	14.00	182.00	112.17	133.00	9054990138900
0.5512		14.00	14.00	182.00	112.00	133.00	9054990140000
0.5551		14.10	16.00	204.00	130.85	152.00	9054990141000
0.5591		14.20	16.00	204.00	130.70	152.00	9054990142000
0.5626	9/16	14.29	16.00	204.00	130.57	152.00	9054990142900
0.5630		14.30	16.00	204.00	130.55	152.00	9054990143000
0.5709		14.50	16.00	204.00	130.25	152.00	9054990145000
0.5787		14.70	16.00	204.00	129.95	152.00	9054990147000
0.5827		14.80	16.00	204.00	129.80	152.00	9054990148000
0.5906		15.00	16.00	204.00	129.50	152.00	9054990150000
0.5945		15.10	16.00	204.00	129.35	152.00	9054990151000
0.6024		15.30	16.00	204.00	129.05	152.00	9054990153000
0.6094	39/64	15.48	16.00	204.00	128.78	152.00	9054990154800
0.6102		15.50	16.00	204.00	128.75	152.00	9054990155000
0.6181		15.70	16.00	204.00	128.45	152.00	9054990157000
0.6220		15.80	16.00	204.00	128.30	152.00	9054990158000
0.6248	5/8	15.87	16.00	204.00	128.20	152.00	9054990158700
0.6299		16.00	16.00	204.00	128.00	152.00	9054990160000
0.6417		16.30	18.00	223.00	146.55	171.00	9054990163000
0.6496		16.50	18.00	223.00	146.25	171.00	9054990165000
0.6575		16.70	18.00	223.00	145.95	171.00	9054990167000
0.6654		16.90	18.00	223.00	145.65	171.00	9054990169000
0.6693		17.00	18.00	223.00	145.50	171.00	9054990170000
0.6890		17.50	18.00	223.00	144.75	171.00	9054990175000
0.6969		17.70	18.00	223.00	144.45	171.00	9054990177000
0.7087		18.00	18.00	223.00	144.00	171.00	9054990180000
0.7283		18.50	20.00	244.00	162.25	190.00	9054990185000
0.7441		18.90	20.00	244.00	161.65	190.00	9054990189000
0.7480		19.00	20.00	244.00	161.50	190.00	9054990190000
0.7500	3/4	19.05	20.00	244.00	161.43	190.00	9054990190500
0.7677		19.50	20.00	244.00	160.75	190.00	9054990195000
0.7795		19.80	20.00	244.00	160.30	190.00	9054990198000
0.7874		20.00	20.00	244.00	160.00	190.00	9054990200000