

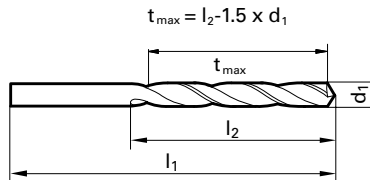
Tool material

Solid Carbide

Surface



- | | |
|----------------------------|--|
| P Steel ● | web thinning $\geq \varnothing 3.000$ • 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 • alloyed steels up to 1200 N/mm ² • cast materials • bronze, brass • high-alloyed AlSi-alloys |
| N Aluminum ○ | |
| S Titanium alloys ○ | |
| H Hardened steel ○ | |
- =Optimal
○=Limited



Speeds and feeds information on pg. 553

Shank diameter = cut diameter

Diameter (d1)		l1 mm	t _{max} mm	l2 mm	EDP #
inch	wire/ltr mm				
0.1181	3.00	46.00	11.50	16.00	9012420030000
0.1220	3.10	49.00	13.35	18.00	9012420031000
0.1248	1/8 3.17	49.00	13.25	18.00	9012420031700
0.1260	3.20	49.00	13.20	18.00	9012420032000
0.1299	3.30	49.00	13.05	18.00	9012420033000
0.1339	3.40	52.00	14.90	20.00	9012420034000
0.1378	3.50	52.00	14.75	20.00	9012420035000
0.1406	9/64 #28 3.57	52.00	14.65	20.00	9012420035700
0.1417	3.60	52.00	14.60	20.00	9012420036000
0.1457	3.70	52.00	14.45	20.00	9012420037000
0.1496	#25 3.80	55.00	16.30	22.00	9012420038000
0.1535	3.90	55.00	16.15	22.00	9012420039000
0.1563	5/32 3.97	55.00	16.05	22.00	9012420039700
0.1575	4.00	55.00	16.00	22.00	9012420040000
0.1614	4.10	55.00	15.85	22.00	9012420041000
0.1654	4.20	55.00	15.70	22.00	9012420042000
0.1693	#18 4.30	58.00	17.55	24.00	9012420043000
0.1720	11/64 4.37	58.00	17.45	24.00	9012420043700
0.1732	4.40	58.00	17.40	24.00	9012420044000
0.1772	#16 4.50	58.00	17.25	24.00	9012420045000
0.1811	4.60	58.00	17.10	24.00	9012420046000
0.1850	#13 4.70	58.00	16.95	24.00	9012420047000
0.1874	3/16 4.76	62.00	18.86	26.00	9012420047600
0.1890	#12 4.80	62.00	18.80	26.00	9012420048000
0.1929	4.90	62.00	18.65	26.00	9012420049000
0.1969	5.00	62.00	18.50	26.00	9012420050000
0.2008	5.10	62.00	18.35	26.00	9012420051000
0.2031	13/64 5.16	62.00	18.26	26.00	9012420051600
0.2047	5.20	62.00	18.20	26.00	9012420052000
0.2087	5.30	62.00	18.05	26.00	9012420053000
0.2126	5.40	66.00	19.90	28.00	9012420054000
0.2165	5.50	66.00	19.75	28.00	9012420055000
0.2189	7/32 5.56	66.00	19.66	28.00	9012420055600
0.2205	5.60	66.00	19.60	28.00	9012420056000
0.2244	5.70	66.00	19.45	28.00	9012420057000
0.2283	5.80	66.00	19.30	28.00	9012420058000
0.2323	5.90	66.00	19.15	28.00	9012420059000
0.2343	15/64 5.95	66.00	19.08	28.00	9012420059500
0.2362	6.00	66.00	19.00	28.00	9012420060000
0.2402	6.10	70.00	21.85	31.00	9012420061000
0.2441	6.20	70.00	21.70	31.00	9012420062000
0.2480	6.30	70.00	21.55	31.00	9012420063000

Diameter (d1)			l1 mm	t _{max} mm	l2 mm	EDP #
inch	wire/ltr	mm				
0.2500	1/4 E	6.35	70.00	21.48	31.00	9012420063500
0.2520	6.40	70.00	21.40	31.00	9012420064000	
0.2559	6.50	70.00	21.25	31.00	9012420065000	
0.2598	6.60	70.00	21.10	31.00	9012420066000	
0.2638	6.70	70.00	20.95	31.00	9012420067000	
0.2657	17/64 H	6.75	74.00	23.88	34.00	9012420067500
0.2677	6.80	74.00	23.80	34.00	9012420068000	
0.2717	I	6.90	74.00	23.65	34.00	9012420069000
0.2756	7.00	74.00	23.50	34.00	9012420070000	
0.2795	7.10	74.00	23.35	34.00	9012420071000	
0.2811	9/32 K	7.14	74.00	23.29	34.00	9012420071400
0.2835	7.20	74.00	23.20	34.00	9012420072000	
0.2874	7.30	74.00	23.05	34.00	9012420073000	
0.2913	7.40	74.00	22.90	34.00	9012420074000	
0.2953	7.50	74.00	22.75	34.00	9012420075000	
0.2969	19/64	7.54	79.00	25.69	37.00	9012420075400
0.2992	7.60	79.00	25.60	37.00	9012420076000	
0.3031	7.70	79.00	25.45	37.00	9012420077000	
0.3071	7.80	79.00	25.30	37.00	9012420078000	
0.3110	7.90	79.00	25.15	37.00	9012420079000	
0.3126	5/16	7.94	79.00	25.09	37.00	9012420079400
0.3150	8.00	79.00	25.00	37.00	9012420080000	
0.3189	8.10	79.00	24.85	37.00	9012420081000	
0.3228	P	8.20	79.00	24.70	37.00	9012420082000
0.3268	8.30	79.00	24.55	37.00	9012420083000	
0.3280	21/64	8.33	79.00	24.51	37.00	9012420083300
0.3307	8.40	79.00	24.40	37.00	9012420084000	
0.3346	8.50	79.00	24.25	37.00	9012420085000	
0.3386	8.60	84.00	27.10	40.00	9012420086000	
0.3425	8.70	84.00	26.95	40.00	9012420087000	
0.3437	11/32	8.73	84.00	26.91	40.00	9012420087300
0.3465	8.80	84.00	26.80	40.00	9012420088000	
0.3504	8.90	84.00	26.65	40.00	9012420089000	
0.3543	9.00	84.00	26.50	40.00	9012420090000	
0.3583	9.10	84.00	26.35	40.00	9012420091000	
0.3594	23/64	9.13	84.00	26.31	40.00	9012420091300
0.3622	9.20	84.00	26.20	40.00	9012420092000	
0.3661	9.30	84.00	26.05	40.00	9012420093000	
0.3701	9.40	84.00	25.90	40.00	9012420094000	
0.3740	9.50	84.00	25.75	40.00	9012420095000	
0.3748	3/8	9.52	89.00	28.72	43.00	9012420095200
0.3780	9.60	89.00	28.60	43.00	9012420096000	

3xD Drills

Diameter (d1)			l1 mm	t _{max} mm	l2 mm	EDP #
inch	wire/ltr	mm				
0.3819		9.70	89.00	28.45	43.00	9012420097000
0.3858	W	9.80	89.00	28.30	43.00	9012420098000
0.3898		9.90	89.00	28.15	43.00	9012420099000
0.3906	25/64	9.92	89.00	28.12	43.00	9012420099200
0.3937		10.00	89.00	28.00	43.00	9012420100000
0.3976		10.10	89.00	27.85	43.00	9012420101000
0.4016		10.20	89.00	27.70	43.00	9012420102000
0.4055		10.30	89.00	27.55	43.00	9012420103000
0.4063	13/32	10.32	89.00	27.52	43.00	9012420103200
0.4094		10.40	89.00	27.40	43.00	9012420104000
0.4134		10.50	89.00	27.25	43.00	9012420105000
0.4173		10.60	89.00	27.10	43.00	9012420106000
0.4213		10.70	95.00	30.95	47.00	9012420107000
0.4220	27/64	10.72	95.00	30.92	47.00	9012420107200
0.4252		10.80	95.00	30.80	47.00	9012420108000
0.4291		10.90	95.00	30.65	47.00	9012420109000
0.4331		11.00	95.00	30.50	47.00	9012420110000
0.4370		11.10	95.00	30.35	47.00	9012420111000
0.4374	7/16	11.11	95.00	30.34	47.00	9012420111100
0.4409		11.20	95.00	30.20	47.00	9012420112000

Diameter (d1)			l1 mm	t _{max} mm	l2 mm	EDP #
inch	wire/ltr	mm				
0.4449		11.30	95.00	30.05	47.00	9012420113000
0.4488		11.40	95.00	29.90	47.00	9012420114000
0.4528		11.50	95.00	29.75	47.00	9012420115000
0.4531	29/64	11.51	95.00	29.74	47.00	9012420115100
0.4567		11.60	95.00	29.60	47.00	9012420116000
0.4606		11.70	95.00	29.45	47.00	9012420117000
0.4646		11.80	95.00	29.30	47.00	9012420118000
0.4685		11.90	102.00	33.15	51.00	9012420119000
0.4689	15/32	11.91	102.00	33.14	51.00	9012420119100
0.4724		12.00	102.00	33.00	51.00	9012420120000
0.4921		12.50	102.00	32.25	51.00	9012420125000
0.5000	1/2	12.70	102.00	31.95	51.00	9012420127000
0.5118		13.00	102.00	31.50	51.00	9012420130000
0.5315		13.50	107.00	33.75	54.00	9012420135000
0.5512		14.00	107.00	33.00	54.00	9012420140000
0.5709		14.50	111.00	34.25	56.00	9012420145000
0.5906		15.00	111.00	33.50	56.00	9012420150000
0.6102		15.50	115.00	34.75	58.00	9012420155000
0.6299		16.00	115.00	34.00	58.00	9012420160000