



For more information on Drill Bits, see page 2137.



TINAI Finish
442F05



Flat-Bottom Carbide Drill Bits

Drill Bit Size	Decimal Equivalent	Flute Length	Shank Dia.	Overall Length	Brand	Item No.
EgiAs Finish, Spiral Flute, Non-Coolant Through, Straight Shank						
180° Point Angle, Flat Bottom						
1/16 in	0.1875	24.00 mm	4.76 mm	65.00 mm	OSG	54LT49
1/8 in	0.2188	27.00 mm	6.35 mm	65.00 mm	OSG	54LT50
1/4 in	0.25	30.00 mm	6.35 mm	70.00 mm	OSG	54LT51
3/8 in	0.3125	34.00 mm	7.93 mm	75.00 mm	OSG	54LT87
1/2 in	0.3281	38.00 mm	9.52 mm	80.00 mm	OSG	54LT88
5/8 in	0.3594	42.00 mm	9.52 mm	85.00 mm	OSG	54LT89
3/4 in	0.4375	50.00 mm	11.11 mm	95.00 mm	OSG	54LU22
2.00 mm	0.0787	10.00 mm	4.00 mm	50.00 mm	OSG	54LR99
2.30 mm	0.0906	11.00 mm	4.00 mm	50.00 mm	OSG	54LT03
2.90 mm	0.1142	14.00 mm	4.00 mm	50.00 mm	OSG	54LT09
3.30 mm	0.1299	15.00 mm	6.00 mm	55.00 mm	OSG	54LT13
3.80 mm	0.1496	19.00 mm	6.00 mm	60.00 mm	OSG	54LT18
4.10 mm	0.1614	19.00 mm	6.00 mm	60.00 mm	OSG	54LT21
5.00 mm	0.1969	24.00 mm	6.00 mm	65.00 mm	OSG	54LT30
5.80 mm	0.2283	27.00 mm	6.00 mm	65.00 mm	OSG	54LT38
6.90 mm	0.2717	30.00 mm	6.00 mm	70.00 mm	OSG	54LT55
7.00 mm	0.2756	30.00 mm	6.00 mm	70.00 mm	OSG	54LT56
8.00 mm	0.315	34.00 mm	8.00 mm	75.00 mm	OSG	54LT62
8.10 mm	0.3189	38.00 mm	8.00 mm	80.00 mm	OSG	54LT63
8.20 mm	0.3228	38.00 mm	8.00 mm	80.00 mm	OSG	54LT64
9.00 mm	0.3543	38.00 mm	8.00 mm	80.00 mm	OSG	54LT69
9.30 mm	0.3661	42.00 mm	8.00 mm	85.00 mm	OSG	54LT71
9.60 mm	0.378	42.00 mm	8.00 mm	85.00 mm	OSG	54LT74
10.50 mm	0.4134	46.00 mm	10.00 mm	90.00 mm	OSG	54LT83
TINAI Finish, Spiral Flute, Coolant Through, Straight Shank						
180° Point Angle, Flat Bottom						
1/8 in	0.1250	12.00 mm	6.00 mm	62.00 mm	Walter Titex	29FT60
1/4 in	0.2187	21.00 mm	6.00 mm	66.00 mm	Walter Titex	29FT70
TINAI Finish, Spiral Flute, Non-Coolant Through, Straight Shank						
180° Point Angle, Flat Bottom						
1/32 in	0.063	1 1/16 in	12.00 mm	4 in	Walter Titex	442F05
1/16 in	0.0375	1 1/16 in	12.00 mm	4 in	Walter Titex	442F15
1/8 in	0.0688	1 1/16 in	12.00 mm	4 in	Walter Titex	442F09
1/2 in	0.5000	1 29/32 in	14.00 mm	4.21875	Walter Titex	442D94
3/16 in	0.5625	2 3/16 in	16.00 mm	4.5	Walter Titex	442F16
10.20 mm	0.4016	40.00 mm	12.00 mm	102.00 mm	Walter Titex	442D95
11.00 mm	0.4331	40.00 mm	12.00 mm	102.00 mm	Walter Titex	442D97
11.50 mm	0.4528	43.00 mm	12.00 mm	102.00 mm	Walter Titex	442D98
12.00 mm	0.4724	43.00 mm	12.00 mm	102.00 mm	Walter Titex	442F01
12.50 mm	0.4921	49.00 mm	14.00 mm	107.00 mm	Walter Titex	442F02
13.00 mm	0.5118	49.00 mm	14.00 mm	107.00 mm	Walter Titex	442F03
14.00 mm	0.5512	49.00 mm	14.00 mm	107.00 mm	Walter Titex	442F06
14.50 mm	0.5709	56.00 mm	16.00 mm	115.00 mm	Walter Titex	442F07
15.00 mm	0.5906	56.00 mm	16.00 mm	115.00 mm	Walter Titex	442F08
16.00 mm	0.6299	56.00 mm	16.00 mm	115.00 mm	Walter Titex	442F10
17.00 mm	0.6693	63.00 mm	18.00 mm	123.00 mm	Walter Titex	442F11
18.00 mm	0.7087	63.00 mm	18.00 mm	123.00 mm	Walter Titex	442F12
19.00 mm	0.7480	70.00 mm	20.00 mm	131.00 mm	Walter Titex	442F13
20.00 mm	0.7874	70.00 mm	20.00 mm	131.00 mm	Walter Titex	442F14
Z	0.4130	1 1/16 in	12.00 mm	4 in	Walter Titex	442D96



Conventional
Point
10N917



Solid Spade Carbide Drill Bits

Drill Bit Size	Decimal Equivalent	Drill Diameter Tolerance	Shank Dia.	Overall Length	Brand	Item No.
Bright Finish, Straight Shank						
118° Point Angle, Conventional Point						
1/32 in	0.0312	+0.0000 in / -0.0005 in	0.0313 in	1 1/2 in	Chicago-Latrobe	10L353
1/16 in	0.0625	+0.0000 in / -0.0005 in	1/16 in	1 1/2 in	Chicago-Latrobe	10L354
3/32 in	0.0938	+0.0000 in / -0.0005 in	0.0938 in	1 1/2 in	Chicago-Latrobe	10L355
1/8 in	0.1250	+0.0000 in / -0.0005 in	1/8 in	1 1/2 in	Chicago-Latrobe	10L356
5/32 in	0.1562	+0.0000 in / -0.0007 in	5/32 in	2 in	Chicago-Latrobe	10L357
3/16 in	0.1875	+0.0000 in / -0.0007 in	3/16 in	2 in	Chicago-Latrobe	10L358
7/32 in	0.2188	+0.0000 in / -0.0007 in	0.2188 in	2 in	Chicago-Latrobe	10L359
1/4 in	0.2500	+0.0000 in / -0.0007 in	1/4 in	2 in	Chicago-Latrobe	10L360
5/16 in	0.2812	+0.0000 in / -0.0010 in	0.2813 in	2 1/2 in	Chicago-Latrobe	10L361
3/8 in	0.3125	+0.0000 in / -0.0010 in	3/8 in	2 1/2 in	Chicago-Latrobe	10L362
1/2 in	0.3438	+0.0000 in / -0.0010 in	0.3438 in	2 1/2 in	Chicago-Latrobe	10N917
5/8 in	0.3750	+0.0000 in / -0.0010 in	5/8 in	2 1/2 in	Chicago-Latrobe	10N918
118° Point Angle, Radial Point						
1/32 in	0.0313	+0.0000 in / -0.0005 in	0.0312 in	1 1/4 in	Micro 100	16R805
1/16 in	0.0313	+0.0000 in / -0.0005 in	1/32 in	1 1/2 in	—	45XY55
3/64 in	0.0469	+0.0000 in / -0.0005 in	3/64 in	1 1/2 in	—	45YC46
1/8 in	0.0625	+0.0000 in / -0.0005 in	1/8 in	1 1/2 in	—	45XY38
1/16 in	0.0625	+0.0000 in / -0.0005 in	1/16 in	1 1/2 in	—	45XY38
3/32 in	0.0938	+0.0000 in / -0.0005 in	3/32 in	1 1/2 in	Micro 100	16R806
1/8 in	0.0938	+0.0000 in / -0.0005 in	0.0938 in	1 1/2 in	Micro 100	16R807
5/32 in	0.0938	+0.0000 in / -0.0005 in	5/32 in	1 1/2 in	—	45YC38
3/16 in	0.1094	+0.0000 in / -0.0005 in	3/16 in	1 1/2 in	—	45YF46
1/8 in	0.1250	+0.0000 in / -0.0005 in	1/8 in	1 1/2 in	—	45XY72
1/4 in	0.1250	+0.0000 in / -0.0005 in	1/4 in	1 1/2 in	Micro 100	16R808
3/16 in	0.1406	+0.0000 in / -0.0005 in	3/16 in	2 in	—	45YG01
1/8 in	0.1563	+0.0000 in / -0.0005 in	0.1562 in	2 in	Micro 100	16R809
3/32 in	0.1563	+0.0000 in / -0.0005 in	3/32 in	2 in	—	45YE31
1/64 in	0.1719	+0.0000 in / -0.0005 in	1/64 in	2 in	—	45XZ34
3/16 in	0.1875	+0.0000 in / -0.0005 in	3/16 in	2 in	—	45YC27
1/8 in	0.1875	+0.0000 in / -0.0005 in	1/8 in	2 in	Micro 100	16R810
7/32 in	0.2188	+0.0000 in / -0.0005 in	0.2188 in	2 in	Micro 100	16R811
1/2 in	0.2188	+0.0000 in / -0.0005 in	1/2 in	2 in	—	45YF41
1/4 in	0.2500	+0.0000 in / -0.0005 in	1/4 in	2 in	—	45XY59
1/4 in	0.2500	+0.0000 in / -0.0005 in	1/4 in	2 in	Micro 100	16R812
5/32 in	0.2813	+0.0000 in / -0.0005 in	5/32 in	2 1/2 in	—	45YF95
1/8 in	0.3125	+0.0000 in / -0.0005 in	1/8 in	2 1/2 in	—	45YE20
3/16 in	0.3125	+0.0000 in / -0.0005 in	3/16 in	2 1/2 in	Micro 100	16R814
1/2 in	0.3438	+0.0000 in / -0.0005 in	1/2 in	2 1/2 in	—	45XZ29
3/8 in	0.3750	+0.0000 in / -0.0005 in	3/8 in	2 1/2 in	—	45YC50
1/8 in	0.3750	+0.0000 in / -0.0005 in	1/8 in	2 1/2 in	Micro 100	16R816
1/32 in	0.4063	+0.0000 in / -0.0005 in	1/32 in	2 3/4 in	—	45XZ65
1/16 in	0.4375	+0.0000 in / -0.0005 in	1/16 in	2 3/4 in	—	45YF36
1/32 in	0.4688	+0.0000 in / -0.0005 in	1/32 in	3 in	—	45XZ83
1/2 in	0.5000	+0.0000 in / -0.0005 in	1/2 in	2 1/2 in	Micro 100	16R820
1/2 in	0.5000	+0.0000 in / -0.0005 in	1/2 in	3 in	—	45XY43



Spot-Weld Cobalt Drill Bits

Drill Bit Size	Decimal Equivalent	Flute Length	Shank Dia.	Overall Length	Item No.
Black Oxide Finish, Spiral Flute, Non-Coolant Through, Straight Shank					
135° Point Angle, Split Point					
6.00 mm	0.2362	28.00 mm	6.00 mm	66.00 mm	50CM40
8.00 mm	0.315	37.00 mm	8.00 mm	79.00 mm	50CR60
10.00 mm	0.3937	43.00 mm	10.00 mm	89.00 mm	50CR59
Straw/Bronze Finish, Spiral Flute, Non-Coolant Through, Straight Shank					
135° Point Angle, Split Point					
6.00 mm	0.2362	28.00 mm	6.00 mm	66.00 mm	50CM37
8.00 mm	0.315	37.00 mm	8.00 mm	79.00 mm	50CR56
10.00 mm	0.3937	43.00 mm	10.00 mm	89.00 mm	50CR55
Straw/Bronze Finish, Spiral Flute, Non-Coolant Through, Straight with Three Flats Shank					
135° Point Angle, Split Point					
6.00 mm	0.2362	28.00 mm	6.00 mm	66.00 mm	50CM38
6.50 mm	0.2559	31.00 mm	6.50 mm	70.00 mm	50CM39
8.00 mm	0.315	37.00 mm	8.00 mm	79.00 mm	50CR58
10.00 mm	0.3937	43.00 mm	10.00 mm	89.00 mm	50CR57



Black Oxide Finish
50CM40