For more information on Drill Bits, see page 2239.







Taper-Length High-Speed Steel Drill Bits

Drill Bit Size	Decimal Equivalent	Flute Length	Shank Dia.	Overall Length	Brand	Item No.
	le Finish, Spira			rough, Taper	Shank	
118° Point	t Angle, Convei	ntional Poi	nt			
1/2"	0.5000	4 3/8 in	MT2	8 1/4 in	Chicago-Latrobe	1N735
17/32"	0.5312	4 5/8 in	MT2	8 ½ in	Chicago-Latrobe	1N765
9/16"	0.5625	4 1/8 in	MT2	8 ¾ in	Chicago-Latrobe	1N769
39/64"	0.6094	4 1/8 in	MT2	8 ¾ in	Chicago-Latrobe	4HAR2
5/8"	0.6250	4 1/8 in	MT2	8 ¾ in	Chicago-Latrobe	1N777
21/32"	0.6562	5 1/8 in	MT2	9 in	Chicago-Latrobe	1N781
11/16"	0.6875	5 % in	MT2	9 1/4 in	Chicago-Latrobe	1N799
3/4"	0.7500	5 1/8 in	18.00mm	9 ¾ in	Westward	5TVF8
3/4"	0.7500	5 1/8 in	MT2	9 3/4 in	Chicago-Latrobe	1N807
13/16"	0.8125	6 1/8 in	0.9484"	10 ¾ in	Westward	5TVG0
13/16"	0.8125	6 1/8 in	MT3	1 3/4 in	Chicago-Latrobe	1N815
7/8"	0.8750	6 1/8 in	MT3	1 ¾ in	Chicago-Latrobe	1N823
7/8"	0.8750	6 1/8 in	MT3	1 3/4 in	Cle-Line	50AZ40
15/16"	0.9375	6 1/8 in	MT3	1 3/4 in	Chicago-Latrobe	1N831
63/64"	0.9844	6 % in	MT3	11 in	Chicago-Latrobe	4HAT5
1"	1.0000	6 % in	MT3	11 in	Chicago-Latrobe	1N839
11/16"	1.0625	6 5/8 in	MT3	11 ¼ in	Chicago-Latrobe	1N847
17/64"	1.1094	7 1/8 in	MT4	12 ¾ in	Chicago-Latrobe	4HAT9
11/8"	1.1250	7 1/8 in	MT4	12 ¾ in	Chicago-Latrobe	1N855
15/32"	1.1562	2 1/8 in	1.2446"	12 % in	Westward	5TVH0
13/16"	1.1875	7 % in	MT4	13 in	Chicago-Latrobe	1N863
11/4"	1.2500	7 % in	1.2446"	13 ½ in	Westward	5TVH2
11/4"	1.2500	7 1/8 in	MT3	12 ½ in	Cleveland	439G64
11/4"	1.2500	7 % in	MT4	13 ½ in	Chicago-Latrobe	1N871
15/16"	1.3125	8 % in	1.2446"	14 ¼ in	Westward	5TVH3
1 11/32"	1.3438	8 ¾ in	MT4	14 ¾ in	Cleveland	439G51
13/8"	1.3750	8 1/8 in	MT4	14 ½ in	Chicago-Latrobe	1N887
1 17/32"	1.5312	9 % in	MT4	15 in	Cleveland	439G65
15/8"	1.6250	10 in	MT5	17 in	Chicago-Latrobe	1N905
1 11/16"	1.6875	1 1/8 in	MT5	17 1/8 in	Chicago-Latrobe	4HAV2
13/4"	1.7500	1 1/8 in	MT5	17 1/8 in	Chicago-Latrobe	1N907
2"	2.0000	10 ¾ in	1.7596"	17 ¾ in	Westward	5TVH7







TiN Finish

SCIE	w-iviac	enine	Leng	tn Gor	Jait Driii	BITS
Drill	Decimal	Flute	_	Overall		Item
Bit Size	Equivalent	Length	Shank Dia.	Lenath	Brand	No.
Straw/Bron	nze Finish, Spi		on-Coolant T	hrough. Straic	ıht Shank	
	Angle, Split F			,		
1/8 in	0.1250	⅓ in	1/8 in	1 1/8 in	Chicago-Latrobe	1TNT6
%4 in	0.1406	15/16 in	%4 in	1 15/16 in	Chicago-Latrobe	1TNT7
5∕32 in	0.1562	10 in	5∕32 in	2 1/16 in	Chicago-Latrobe	1TNT8
3/16 in	0.1875	1 1/8 in	3∕16 in	2 ¾16 in	Chicago-Latrobe	1TNU1
13/64 in	0.2031	1 3/16 in	13/64 in	2 1/4 in	Chicago-Latrobe	1TNU2
7∕32 in	0.2188	1 1/4 in	7∕32 in	2 % in	Chicago-Latrobe	1TNU3
1/4 in	0.2500	1 3/8 in	1/4 in	2 ½ in	Chicago-Latrobe	1TNU5
1/4 in	0.2500	1 3/8 in	1/4 in	2 ½ in	Westward	5TVU1
5/16 in	0.3125	1 % in	5∕16 in	2 13/16 in	Chicago-Latrobe	1TNU9
3/8 in	0.3750	1 13/16 in	3⁄8 in	3 1/8 in	Chicago-Latrobe	1TNV4
3/8 in	0.3750	1 13/16 in	3⁄8 in	3 1/8 in	Cleveland	439W38
13/32 in	0.4062	1 15/16 in	13/32 in	3 5/16 in	Chicago-Latrobe	1TNV6
²⁷ / ₆₄ in	0.4219	2 in	²⁷ / ₆₄ in	3 % in	Chicago-Latrobe	1TNV7
7∕16 in	0.4375	2 1/16 in	7∕16 in	3 7/16 in	Chicago-Latrobe	1TNV8
½ in	0.5000	2 1/4 in	½ in	3 ¾ in	Chicago-Latrobe	1TNW3
1/2 in	0.5000	2 1/4 in	1/2 in	3 ¾ in	Cleveland	439W53
#7	0.2010	1 3/16 in	3∕16 in	2 1/4 in	Chicago-Latrobe	4CNV2
#10	0.1935	1 ¾16 in	3∕16 in	2 1/4 in	Cleveland	439V93
#30	0.1285	15/16 in	1/8 in	1 15/16 in	Chicago-Latrobe	4CNX7
F	0.2570	1 7/16 in	1/4 in	2 % in	Chicago-Latrobe	4CNP2
0	0.3160	1 11/16 in	5∕16 in	2 15/16 in	Chicago-Latrobe	4CNR2
Q	0.3320	1 11/16 in	²¹ / ₆₄ in	3 in	Chicago-Latrobe	4CNR4
U	0.3680	1 13/16 in	²³ ⁄64 in	3 1/8 in	Chicago-Latrobe	4CNR8
V	0.3770	1 % in	3⁄8 in	3 1/4 in	Chicago-Latrobe	4CNR9
W	0.3860	1 1/8 in	3⁄8 in	3 1/4 in	Chicago-Latrobe	4CNU1
Y	0.4040	1 15/16 in	²⁵ ⁄64 in	3 5/16 in	Chicago-Latrobe	4CNU3
	sh, Parabolic I		Coolant Throu	gh, Straight S	hank	
	t Ángle, Split F					
1/8 in	0.1250	7∕8 in	1/8 in	1 1/8 in	Cleveland	2VUJ4
1/4 in	0.2500	1 % in	1/4 in	2 ½ in	Cleveland	2VUK3
5/16 in	0.3125	1 5/8 in	5/16 in	2 13/16 in	Cleveland	2VUK7
23/64 in	0.3594	1 3/4 in	²³ / ₆₄ in	3 1/16 in	Cleveland	2VUL1
3/8 in	0.3750	1 13/16 in	3⁄8 in	3 1/8 in	Cleveland	2VUL2

#21	0.1590	1 ½16 in	5∕32 in	2 1/8 in	Cleveland	2VUR4
#26	0.1470	10 in	%4 in	2 1/16 in	Cleveland	2VUR9
TiN Finish,	Spiral Flute.	, Non-Coolant	Through, S	traight Shank		
130° Point	Angle, Notel					
1/8 in	0.1250	⅓ in	3∕16 in	2 5/16 in	OSG	2MFA3
11/64 in	0.1719	1 1/16 in	3∕16 in	2 ½ in	OSG	2MFC5
1/4 in	0.2500	1 3/8 in	1/4 in	2 ½ in	OSG	2MFE2
3∕8 in	0.3750	1 13/16 in	3⁄8 in	3 % in	OSG	2MFF9
½ in	0.5000	2 1/4 in	½ in	4 11/32 in	OSG	2MFH2
T	0.3580	1 3/4 in	3⁄8 in	3 1/16 in	OSG	3CHP2
135° Point	Angle, Split	Point				
1/8 in	0.1250	⅓ in	1/8 in	1 % in	Chicago-Latrobe	439J95
5/32 in	0.1562	10 in	5/32 in	2 1/16 in	Chicago-Latrobe	439J97
3/16 in	0.1875	1 1/8 in	3∕16 in	2 ¾16 in	Chicago-Latrobe	439J99
1/4 in	0.2500	1 3/8 in	1/4 in	2 ½ in	Chicago-Latrobe	439K04
3∕8 in	0.3750	1 13/16 in	3⁄8 in	3 1/8 in	Chicago-Latrobe	439K12
½ in	0.5000	2 1/4 in	½ in	3 ¾ in	Chicago-Latrobe	439K20





118° Point Angle 2PPK5

Screw-Machine Length Carbide Drill Bits

Drill Bit Size	Decimal Equivalent	Flute Length	Shank Dia	Overall Length	Brand	Item No.
		ite, Non-Coolai			Diana	140.
118° Point	t Angle, 4 Fac	et Point	it illiough, ou	aight onaik		
3/32 in	0.0938	3/4 in	3/32 in	1 3/4 in	OSG	2PPK5
1/8 in	0.1250	1 1/4 in	1/8 in	2 1/4 in	OSG	2PPL2
5/32 in	0.1563	10 in	5/32 in	2 1/16 in	OSG	2PPL6
3∕16 in	0.1875	1 5/8 in	3/16 in	2 ¾ in	OSG	2PPL8
1/4 in	0.2500	1 % in	1/4 in	2 ½ in	OSG	2PPN5
1/4 in	0.2500	10 in	1/4 in	2 ½ in	Chicago-Latrobe	6ZRT7
9∕32 in	0.2813	2 1/8 in	%2 in	3 ½ in	OSG	3CLJ6
5∕16 in	0.3125	1 1/4 in	5∕16 in	2 ½ in	Chicago-Latrobe	6ZCT9
5∕16 in	0.3125	2 ¾ in	5∕16 in	3 ¾ in	OSG	2PPN8
11/32 in	0.3438	2 ½ in	11/32 in	4 in	OSG	2PPN9
3/8 in	0.3750	1 1/4 in	3/8 in	2 ¾ in	Chicago-Latrobe	6TDD3
3/8 in	0.3750	1 13/16 in	3⁄8 in	3 1/8 in	OSG	2PPP2
25/64 in	0.3906	1 1/4 in	25/64 in	2 ¾ in	Chicago-Latrobe	6TDD4
25/64 in	0.3906	2 % in	25/64 in	4 ½ in	OSG	3CLG4
13/32 in	0.4062	1 1/4 in	13/32 in	2 ¾ in	Chicago-Latrobe	6TDD5
13/32 in	0.4063	2 % in	¹3∕32 in	4 ½ in	OSG	2PPP3
²⁷ / ₆₄ in	0.4219	2 % in	²⁷ / ₆₄ in	4 ½ in	OSG	2PPP4
7/16 in	0.4375	1 1/4 in	7∕16 in	2 ¾ in	Chicago-Latrobe	6TDD7
15/32 in	0.4688	3 in	¹5∕32 in	4 ¾ in	OSG	3CLF7
1/2 in	0.5000	1 1/4 in	½ in	3 in	Chicago-Latrobe	6TDE1
½ in	0.5000	3 in	½ in	4 ¾ in	OSG	2PPP6
	t Angle, 4 Fac					
1/8 in	0.1250	7⁄8 in	1/8 in	1 % in	_	36XK19
1/8 in	0.1250	7∕8 in	1/8 in	1 1/8 in	OSG	2PPG4
5∕32 in	0.1562	10 in	5∕32 in	2 1/16 in	_	36XK23
5∕32 in	0.1563	10 in	5∕32 in	2 1/16 in	OSG	2PPG8
3∕16 in	0.1875	1 1/8 in	3/16 in	2 3/16 in	_	36XK27
3∕16 in	0.1875	1 1/8 in	3∕16 in	2 ¾16 in	OSG	2PPH1
1/4 in	0.2500	1 ¾ in	1/4 in	2 ½ in	_	36XK35
1/4 in	0.2500	1 % in	1/4 in	2 ½ in	OSG	2PPH7
5∕16 in	0.3125	1 5/8 in	5∕16 in	2 13/16 in	_	36XK43
5/16 in	0.3125	1 5/8 in	5∕16 in	2 13/16 in	OSG	2PPJ1
11/32 in	0.3438	1 1½16 in	11/32 in	3 in	OSG	2PPJ2
3/8 in	0.3750	1 13/16 in	3∕8 in	3 1/8 in		36XK51
3/8 in	0.3750	1 13/16 in	3/8 in	3 1/8 in	OSG	2PPJ4
13/32 in	0.4063	1 15/16 in	13/32 in	3 5∕16 in	OSG	2PPJ5
7∕16 in	0.4375	2 1/16 in	7∕16 in	3 7/16 in	OSG	2PPJ7
½ in	0.5000	2 1/4 in	½ in	3 ¾ in		36XK67
½ in	0.5000	2 1/4 in	½ in	3 ¾ in	OSG	2PPJ8











Parabolic Flute 441H96

Screw-Machine Length Wigh-Speed Steel Drill Rite

HIGN:	-2bee (a Ste	ei vriii	I RITS		
Drill	Decimal	Flute		Overall		Item
Bit Size	Equivalent	Length	Shank Dia.	Length	Brand	No.
Bright Fini	ish, Spiral Flut	te, Non-Coo	lant Through,	Straight Shank	(
	t Angle, Conve			1.0/.1		
3/32 in	0.0938	3/4 in	3/32 in	1 ¾ in	Chicago-Latrobe	10P145
½ in	0.1250	7% in	½ in	1 % in	Chicago-Latrobe	10P147
3/16 in	0.1875	1 1/8 in	3/16 in	2 3/16 in	Cleveland	439L10
1/4 in	0.2500	1 % in	1/4 in	2 ½ in	Chicago-Latrobe	1K746
1/4 in	0.2500	1 % in	½ in	2 ½ in	Cleveland	439L30
25/64 in	0.3906	1 % in	25/64 in	3 1/4 in	Chicago-Latrobe	10P164
5/8 in	0.6250	2 ¾ in	5/8 in	4 ½ in	Cleveland	439L75
#40	0.0980	¹³ ⁄16 in	3/32 in	1 13/16 in	Chicago-Latrobe	10U242
Bright Fin	ish, Parabolic	Flute, Non-	Coolant Inrou	gn, Straignt Si	iank	
	t Angle, Conica		4.00	FF 00	14/ It T't	4441100
#19	0.1660	55/64 in	4.22 mm	55.00 mm	Walter Titex	441H96
#25	0.1495	55/64 in	3.80 mm	55.00 mm	Walter Titex	441J04
#40	0.0980	35/64 in	2.49 mm	43.00 mm	Walter Titex	441J21
#41	0.0960	35/64 in	2.44 mm	43.00 mm	Walter Titex	441J22
3.00 mm	0.1181	5% in	3.00 mm	46.00 mm	Walter Titex	441G66
3.40 mm	0.1339	25/32 in	3.40 mm	52.00 mm	Walter Titex	441G70
3.50 mm	0.1378	²⁵ / ₃₂ in	3.50 mm	52.00 mm	Walter Titex	441G71
5.30 mm	0.2087	1 1/64 in	5.30 mm	62.00 mm	Walter Titex	441H04
5.50 mm	0.2165	1 3/32 in	5.50 mm	66.00 mm	Walter Titex	441H06
6.50 mm	0.2559	1 7/32 in	6.50 mm	70.00 mm	Walter Titex	441H20
8.60 mm	0.3386	1 % in	8.60 mm	84.00 mm	Walter Titex	441H44
130° Point	t Angle, Conve	ntional Poli		=	144 I. WI.	
17/64 in	0.2656	1 21/64 in	6.75 mm	74.00 mm	Walter Titex	441G41
19/64 in	0.2969	1 29/64 in	7.54 mm	79.00 mm	Walter Titex	441G47
13/32 in	0.4062	1 11/16 in	10.32 mm	89.00 mm	Walter Titex	441G27
5∕16 in	0.3125	1 ²⁹ / ₆₄ in	7.94 mm	79.00 mm	Walter Titex	441H11
	, Spiral Flute,			aignt Snank		
118° Point	t Angle, Conve			4 7/ 1	01.	4011007
1/8 in	0.1250	7% in	½ in	1 % in	Chicago-Latrobe	10U267
1/4 in	0.2500	1 % in	1/4 in	2 ½ in	Chicago-Latrobe	10U275
5∕16 in	0.3125	1 % in	5∕16 in	2 ¹³ ⁄ ₁₆ in	Chicago-Latrobe	10U279
	t Angle, 4 Face		0.00	04.00	000	ODNI/E
8.00 mm	0.3150	37.00 mm	8.00 mm	81.00 mm	OSG	2PNK5
15.00 mm	0.5906	56.00 mm	16.00 mm	116.00 mm	OSG	2PNT1
	t Angle, Split F		47.	4 77 1	01:	4001140
1/8 in	0.1250	₹ in	½ in	1 % in	Chicago-Latrobe	439H43
1/4 in	0.2500	1 % in	1/4 in	2 ½ in	Chicago-Latrobe	439H51
7∕16 in	0.4375	2 ½16 in	7/16 in	3 7/16 in	Chicago-Latrobe	439H63
½ in	0.5000	2 1/4 in	½ in	3 ¾ in	Chicago-Latrobe	439H67
#43	0.0890	3/4 in	5/64 in	1 ¾ in	Chicago-Latrobe	439J36
#51	0.0670	11/16 in	1/16 in	1 11/16 in	Chicago-Latrobe	439,144

2250