



For more information on Drill Bits, see page 2137.



1N735



## Taper-Length High-Speed Steel Drill Bits

Drill Bit Size	Decimal Equivalent	Flute Length	Shank Dia.	Overall Length	Brand	Item No.
<b>Black Oxide Finish, Spiral Flute, Non-Coolant Through, Taper Shank</b>						
<b>118° Point Angle, Conventional Point</b>						
1/2 in	0.5000	4 1/2 in	MT2	8 1/4 in	Chicago-Latrobe	1N735
1/2 in	0.5312	4 1/2 in	MT2	8 1/2 in	Chicago-Latrobe	1N765
3/4 in	0.5625	4 1/2 in	MT2	8 3/4 in	Chicago-Latrobe	1N769
3/4 in	0.6094	4 1/2 in	MT2	8 3/4 in	Chicago-Latrobe	4HAR2
5/8 in	0.6250	4 1/2 in	MT2	8 3/4 in	Chicago-Latrobe	1N777
21/32 in	0.6562	5 1/2 in	MT2	9 in	Chicago-Latrobe	1N781
1 1/16 in	0.6875	5 1/2 in	MT2	9 1/4 in	Chicago-Latrobe	1N799
3/4 in	0.7500	5 1/2 in	18.00mm	9 3/4 in	Westward	5TVF8
3/4 in	0.7500	5 1/2 in	MT2	9 3/4 in	Chicago-Latrobe	1N807
1 1/16 in	0.8125	6 1/2 in	0.9484	10 3/4 in	Westward	5TVG0
1 1/16 in	0.8125	6 1/2 in	MT3	1 1/4 in	Chicago-Latrobe	1N815
1 1/2 in	0.8750	6 1/2 in	MT3	1 1/4 in	Chicago-Latrobe	1N823
1 1/2 in	0.8750	6 1/2 in	MT3	1 1/4 in	Cle-Line	50A240
1 1/2 in	0.9375	6 1/2 in	MT3	1 1/4 in	Chicago-Latrobe	1N831
3/4 in	0.9844	6 1/2 in	MT3	1 1/4 in	Chicago-Latrobe	4HAT5
1 in	1.0000	6 1/2 in	MT3	1 1/4 in	Chicago-Latrobe	1N839
1 1/16 in	1.0625	6 1/2 in	MT3	1 1/4 in	Chicago-Latrobe	1N847
1 1/4 in	1.1094	7 1/2 in	MT4	12 3/4 in	Chicago-Latrobe	4HAT9
1 1/4 in	1.1250	7 1/2 in	MT4	12 3/4 in	Chicago-Latrobe	1N855
1 1/2 in	1.1562	2 1/2 in	1.2446	12 1/2 in	Westward	5TVH0
1 1/2 in	1.1875	7 1/2 in	MT4	13 in	Chicago-Latrobe	1N863
1 1/4 in	1.2500	7 1/2 in	1.2446	13 1/2 in	Westward	5TVH2
1 1/4 in	1.2500	7 1/2 in	MT3	12 1/2 in	Cleveland	439G64
1 1/4 in	1.2500	7 1/2 in	MT4	13 1/2 in	Chicago-Latrobe	1N871
1 1/2 in	1.3125	8 1/2 in	1.2446	14 1/2 in	Westward	5TVH3
1 1/2 in	1.3438	8 1/2 in	MT4	14 3/4 in	Cleveland	439G51
1 3/8 in	1.3750	8 1/2 in	MT4	14 1/2 in	Chicago-Latrobe	1N887
1 1/2 in	1.5312	9 1/2 in	MT4	15 in	Cleveland	439G65
1 1/2 in	1.6250	10 in	MT5	17 in	Chicago-Latrobe	1N905
1 1/2 in	1.6875	1 1/2 in	MT5	17 1/2 in	Chicago-Latrobe	4HAY2
1 3/4 in	1.7500	1 1/2 in	MT5	17 1/2 in	Chicago-Latrobe	1N907
2 in	2.0000	1 1/2 in	MT5	17 1/2 in	Chicago-Latrobe	1N911



TIN Finish  
2MFA3

## Screw-Machine Length Cobalt Drill Bits

Drill Bit Size	Decimal Equivalent	Flute Length	Shank Dia.	Overall Length	Brand	Item No.
<b>Straw/Bronze Finish, Spiral Flute, Non-Coolant Through, Straight Shank</b>						
<b>135° Point Angle, Split Point</b>						
1/2 in	0.1250	7/8 in	1/8 in	1 1/2 in	Chicago-Latrobe	1TN16
3/4 in	0.1406	1 1/2 in	3/16 in	1 1/2 in	Chicago-Latrobe	1TN17
5/8 in	0.1562	1 1/2 in	3/16 in	2 1/2 in	Chicago-Latrobe	1TN18
3/4 in	0.1875	1 1/2 in	3/16 in	2 1/2 in	Chicago-Latrobe	1TN19
1 1/4 in	0.2031	1 3/4 in	3/16 in	2 1/2 in	Chicago-Latrobe	1TN20
1 1/2 in	0.2188	1 1/2 in	3/16 in	2 1/2 in	Chicago-Latrobe	1TN21
1 1/4 in	0.2500	1 3/4 in	3/16 in	2 1/2 in	Chicago-Latrobe	1TN22
1 1/4 in	0.2500	1 3/4 in	3/16 in	2 1/2 in	Westward	5TVU1
3/4 in	0.3125	1 3/4 in	3/16 in	2 1/2 in	Chicago-Latrobe	1TN23
3/4 in	0.3750	1 3/4 in	3/16 in	3 1/2 in	Chicago-Latrobe	1TN24
3/4 in	0.3750	1 3/4 in	3/16 in	3 1/2 in	Cleveland	439V38
1 1/2 in	0.4062	1 3/4 in	3/16 in	3 1/2 in	Chicago-Latrobe	1TN25
2 1/4 in	0.4219	2 in	3/16 in	3 1/2 in	Chicago-Latrobe	1TN26
1 1/2 in	0.4375	2 1/2 in	3/16 in	3 1/2 in	Chicago-Latrobe	1TN27
1 1/2 in	0.5000	2 1/2 in	3/16 in	3 1/2 in	Chicago-Latrobe	1TN28
1 1/2 in	0.5000	2 1/2 in	3/16 in	3 1/2 in	Cleveland	439W53
#7	0.2010	1 3/4 in	3/16 in	2 1/2 in	Chicago-Latrobe	4CNV2
#10	0.1935	1 3/4 in	3/16 in	2 1/2 in	Cleveland	439V93
#30	0.1285	1 3/4 in	3/16 in	1 1/2 in	Chicago-Latrobe	4CNX7
F	0.2570	1 1/2 in	3/16 in	2 1/2 in	Chicago-Latrobe	4CNP2
O	0.3160	1 1/2 in	3/16 in	2 1/2 in	Chicago-Latrobe	4CNR2
Q	0.3320	1 1/2 in	3/16 in	3 in	Chicago-Latrobe	4CNR4
U	0.3680	1 1/2 in	3/16 in	3 1/2 in	Chicago-Latrobe	4CNR8
V	0.3770	1 1/2 in	3/16 in	3 1/2 in	Chicago-Latrobe	4CNR9
W	0.3860	1 1/2 in	3/16 in	3 1/2 in	Chicago-Latrobe	4CNU1
Y	0.4040	1 1/2 in	3/16 in	3 1/2 in	Chicago-Latrobe	4CNU3

<b>TiAlN Finish, Parabolic Flute, Non-Coolant Through, Straight Shank</b>						
<b>135° Point Angle, Split Point</b>						
1/2 in	0.1250	7/8 in	1/8 in	1 1/2 in	Cleveland	2VUJ4
1/4 in	0.2500	1 3/4 in	3/16 in	2 1/2 in	Cleveland	2VUK3
3/4 in	0.3125	1 3/4 in	3/16 in	2 1/2 in	Cleveland	2VUK7
3/4 in	0.3594	1 3/4 in	3/16 in	3 1/2 in	Cleveland	2VUL1
3/4 in	0.3750	1 3/4 in	3/16 in	3 1/2 in	Cleveland	2VUL2
3/4 in	0.5625	2 1/2 in	3/16 in	4 in	Cleveland	439X55
3/4 in	0.6250	2 3/4 in	3/16 in	4 1/4 in	Cleveland	439X59
#21	0.1590	1 1/2 in	3/16 in	2 1/2 in	Cleveland	2VUR4
#26	0.1470	1 1/2 in	3/16 in	2 1/2 in	Cleveland	2VUR9

<b>TIN Finish, Spiral Flute, Non-Coolant Through, Straight Shank</b>						
<b>130° Point Angle, Notched Point</b>						
1/2 in	0.1250	7/8 in	3/16 in	2 1/2 in	OSG	2MFA3
1 1/4 in	0.1719	1 1/2 in	3/16 in	2 1/2 in	OSG	2MFC5
1/4 in	0.2500	1 3/4 in	3/16 in	2 1/2 in	OSG	2MFE2
3/4 in	0.3750	1 3/4 in	3/16 in	3 1/2 in	OSG	2MFF9
1 1/2 in	0.5000	2 1/4 in	3/16 in	4 1/2 in	OSG	2MFH2
T	0.3580	1 3/4 in	3/16 in	3 1/2 in	OSG	3CHP2

<b>135° Point Angle, Split Point</b>						
1/2 in	0.1250	7/8 in	1/8 in	1 1/2 in	Chicago-Latrobe	439J95
5/8 in	0.1562	1 1/2 in	3/16 in	2 1/2 in	Chicago-Latrobe	439J97
3/4 in	0.1875	1 1/2 in	3/16 in	2 1/2 in	Chicago-Latrobe	439J99
1/4 in	0.2500	1 3/4 in	3/16 in	2 1/2 in	Chicago-Latrobe	439K04
3/4 in	0.3750	1 3/4 in	3/16 in	3 1/2 in	Chicago-Latrobe	439K12
1 1/2 in	0.5000	2 1/4 in	3/16 in	3 1/2 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.
<b>Bright Finish, Spiral Flute, Non-Coolant Through, Straight Shank</b>						
<b>118° Point Angle, 4 Facet Point</b>						
3/2 in	0.0938	3/4 in	3/2 in	1 3/4 in	OSG	2PPK5
1/2 in	0.1250	1 3/4 in	1/2 in	2 1/4 in	OSG	2PPL2
3/2 in	0.1563	1 1/2 in	3/2 in	2 1/4 in	OSG	2PPL6
3/2 in	0.1875	1 1/2 in	3/2 in	2 1/4 in	OSG	2PPL8
1/4 in	0.2500	1 1/2 in	1/4 in	2 1/2 in	OSG	2PPN5
3/2 in	0.2813	2 1/2 in	3/2 in	3 1/2 in	Chicago-Latrobe	62RT7
3/2 in	0.3125	1 1/2 in	3/2 in	2 1/2 in	Chicago-Latrobe	3CLJ6
3/2 in	0.3125	2 1/2 in	3/2 in	3 1/2 in	Chicago-Latrobe	62CT9
1 1/2 in	0.3438	2 1/2 in	1 1/2 in	4 in	OSG	2PPN9
3/2 in	0.3750	1 1/2 in	3/2 in	2 3/4 in	Chicago-Latrobe	6TD03
3/2 in	0.3750	1 1/2 in	3/2 in	3 1/2 in	OSG	2PPP2
2 1/4 in	0.3906	1 1/2 in	2 1/4 in	2 3/4 in	Chicago-Latrobe	6TD04
2 1/4 in	0.3906	2 1/2 in	2 1/4 in	4 1/2 in	OSG	3CLG4
1 1/2 in	0.4062	1 1/2 in	1 1/2 in	2 3/4 in	Chicago-Latrobe	6TD05
1 1/2 in	0.4063	2 1/2 in	1 1/2 in	4 1/2 in	OSG	2PPP3
2 1/4 in	0.4219	2 1/2 in	2 1/4 in	4 1/2 in	OSG	2PPP4
1/2 in	0.4375	1 1/2 in	1/2 in	2 3/4 in	Chicago-Latrobe	6TD07
1 1/2 in	0.4688	3 in	1 1/2 in	4 1/2 in	OSG	3CLF7
1/2 in	0.5000	1 1/2 in	1/2 in	3 in	Chicago-Latrobe	6TDE1
1/2 in	0.5000	3 in	1/2 in	4 1/2 in	OSG	2PPP6
<b>135° Point Angle, 4 Facet Point</b>						
1/2 in	0.1250	7/8 in	1/2 in	1 1/2 in	—	36XK19
1/2 in	0.1250	7/8 in	1/2 in	1 1/2 in	OSG	2PPG4
3/2 in	0.1562	1 1/2 in	3/2 in	2 1/2 in	—	36XK23
3/2 in	0.1563	1 1/2 in	3/2 in	2 1/2 in	OSG	2PPG8
3/2 in	0.1875	1 1/2 in	3/2 in	2 1/2 in	—	36XK27
3/2 in	0.1875	1 1/2 in	3/2 in	2 1/2 in	OSG	2PPH1
1/4 in	0.2500	1 1/2 in	1/4 in	2 1/2 in	—	36XK35
1/4 in	0.2500	1 1/2 in	1/4 in	2 1/2 in	OSG	2PPH7
3/2 in	0.3125	1 1/2 in	3/2 in	2 1/2 in	—	36XK43
3/2 in	0.3125	1 1/2 in	3/2 in	2 1/2 in	OSG	2PPJ1
1 1/2 in	0.3438	1 1/2 in	1 1/2 in	3 in	OSG	2PPJ2
3/2 in	0.3750	1 1/2 in	3/2 in	3 1/2 in	—	36XK51
3/2 in	0.3750	1 1/2 in	3/2 in	3 1/2 in	OSG	2PPJ4
1 1/2 in	0.4063	1 1/2 in	1 1/2 in	3 1/2 in	OSG	2PPJ5
1/2 in	0.4375	2 1/2 in	1/2 in	3 1/2 in	OSG	2PPJ7
1/2 in	0.5000	2 1/2 in	1/2 in	3 1/2 in	—	36XK67
1/2 in	0.5000	2 1/2 in	1/2 in	3 1/2 in	OSG	2PPJ8



Parabolic Flute  
441H96

## Screw-Machine Length High-Speed Steel Drill Bits

Drill Bit Size	Decimal Equivalent	Flute Length	Shank Dia.	Overall Length	Brand	Item No.
Bright Finish, Spiral Flute, Non-Coolant Through, Straight Shank						
118° Point Angle, Conventional Point						
3/2 in	0.0938	3/4 in	3/2 in	1 3/4 in	Chicago-Latrobe	10P145
1/2 in	0.1250	1 3/4 in	1/2 in	1 1/2 in	Chicago-Latrobe	10P147
3/16 in	0.1875	1 1/2 in	3/16 in	2 1/2 in	Cleveland	439L10
1/4 in	0.2500	1 1/2 in	1/4 in	2 1/2 in	Chicago-Latrobe	1K746
1/4 in	0.2500	1 1/2 in	1/4 in	2 1/2 in	Cleveland	439L30
25/64 in	0.3906	1 1/2 in	25/64 in	3 1/2 in	Chicago-Latrobe	10P164
5/8 in	0.6250	2 3/4 in	5/8 in	4 1/2 in	Cleveland	439L75
#40	0.0980	1 1/2 in	3/2 in	1 1/2 in	Chicago-Latrobe	10U242
Bright Finish, Parabolic Flute, Non-Coolant Through, Straight Shank						
130° Point Angle, Conical Point						
#19	0.1660	55/64 in	4.22 mm	55.00 mm	Walter Titec	441H96
#25	0.1495	55/64 in	3.80 mm	55.00 mm	Walter Titec	441J04
#40	0.0980	35/64 in	2.49 mm	43.00 mm	Walter Titec	441J21
#41	0.0960	35/64 in	2.44 mm	43.00 mm	Walter Titec	441J22
3.00 mm	0.1181	5/8 in	3.00 mm	46.00 mm	Walter Titec	441G66
3.40 mm	0.1339	25/32 in	3.40 mm	52.00 mm	Walter Titec	441G70
3.50 mm	0.1378	25/32 in	3.50 mm	52.00 mm	Walter Titec	441G71
5.30 mm	0.2087	1 1/4 in	5.30 mm	62.00 mm	Walter Titec	441H04
5.50 mm	0.2165	1 3/32 in	5.50 mm	66.00 mm	Walter Titec	441H06
6.50 mm	0.2559	1 7/32 in	6.50 mm	70.00 mm	Walter Titec	441H20
8.60 mm	0.3386	1 9/16 in	8.60 mm	84.00 mm	Walter Titec	441H44
130° Point Angle, Conventional Point						
17/64 in	0.2656	1 21/64 in	6.75 mm	74.00 mm	Walter Titec	441G41
19/64 in	0.2969	1 29/64 in	7.54 mm	79.00 mm	Walter Titec	441G47
13/32 in	0.4062	1 1/16 in	10.32 mm	89.00 mm	Walter Titec	441G27
5/16 in	0.3125	1 29/64 in	7.94 mm	79.00 mm	Walter Titec	441H11