

Note
Operating parameters: See Technical section

ASME
B94.11M

HSS

118° K-Notch

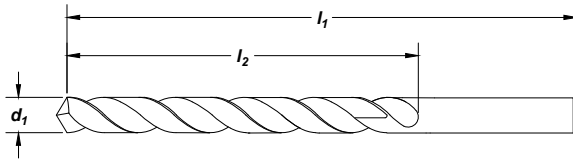
Helix
Regular
21° to 34°

Straight
Shank

Surface
Treatment

Black
Oxide

Extra Length



Feature:

Extra length for long reach and deeper drilling depth.

High Speed Steel

drill diameter d₁	decimal equiv.	overall length l₁ (in)	flute length l₂ (in)	order number 950E
3/32	.0938	8.000	5.500	C09655
7/64	.1094	8.000	5.500	C09656
1/8	.1250	8.000	5.500	C09657
1/8	.1250	10.000	7.500	C09707
1/8	.1250	12.000	9.000	C09736
9/64	.1406	8.000	5.500	C09658
5/32	.1562	8.000	5.500	C09659
5/32	.1562	10.000	7.500	C09709
5/32	.1562	12.000	9.000	C09738
11/64	.1719	8.000	5.500	C09660
3/16	.1875	8.000	5.500	C09661
3/16	.1875	10.000	7.500	C09711
3/16	.1875	12.000	9.000	C09740
13/64	.2031	8.000	5.500	C09662
7/32	.2188	8.000	5.500	C09663
7/32	.2188	10.000	7.500	C09713
7/32	.2188	12.000	9.000	C09742
15/64	.2344	8.000	5.500	C09664
15/64	.2344	10.000	7.500	C09714
1/4	.2500	8.000	5.500	C09665
1/4	.2500	10.000	7.500	C09715
1/4	.2500	12.000	9.000	C09744
17/64	.2656	8.000	5.500	C09666
9/32	.2812	8.000	5.500	C09667
9/32	.2812	10.000	7.500	C09717
9/32	.2812	12.000	9.000	C09746
19/64	.2969	8.000	5.500	C09668
5/16	.3125	8.000	5.500	C09669
5/16	.3125	10.000	7.500	C09719
5/16	.3125	12.000	9.000	C09748
21/64	.3281	8.000	5.500	C09670
11/32	.3438	8.000	5.500	C09671
11/32	.3438	10.000	7.500	C09721
11/32	.3438	12.000	9.000	C09750
23/64	.3594	8.000	5.500	C09672
3/8	.3750	8.000	5.500	C09673
3/8	.3750	10.000	7.500	C09723
3/8	.3750	12.000	9.000	C09752
25/64	.3906	8.000	5.500	C09674
13/32	.4062	8.000	5.500	C09675
13/32	.4062	10.000	7.500	C09725
13/32	.4062	12.000	9.000	C09754

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drill diameter d₁	decimal equiv.	overall length l₁ (in)	flute length l₂ (in)	order number 950E
27/64	.4219	8.000	5.500	C09676
7/16	.4375	8.000	5.500	C09677
7/16	.4375	10.000	7.500	C09727
7/16	.4375	12.000	9.000	C09756
29/64	.4531	8.000	5.500	C09678
15/32	.4688	8.000	5.500	C09679
15/32	.4688	10.000	7.500	C09729
15/32	.4688	12.000	9.000	C09758
31/64	.4844	8.000	5.500	C09680
1/2	.5000	8.000	5.500	C09681
1/2	.5000	10.000	7.500	C09731
1/2	.5000	12.000	9.000	C09760
17/32	.5312	10.000	7.500	C09733
17/32	.5312	12.000	9.000	C09762
9/16	.5625	10.000	7.500	C09735
9/16	.5625	12.000	9.000	C09764
19/32	.5938	12.000	9.000	C09766
5/8	.6250	12.000	9.000	C09768
21/32	.6562	12.000	9.000	C09770
11/16	.6875	12.000	9.000	C09772
23/32	.7188	12.000	9.000	C09774
3/4	.7500	12.000	9.000	C09776

Extra Length
High Speed Steel

Material Reference	Steel (HRc)				Stainless Steel			Cast Iron (HRc)		Aluminum and Non-Ferrous	Hi-Temp Alloy		Hardened Steel (HRc)
	Low Carbon		Alloy		Austenitic	Martensitic	PH	Gray	Nodular		Ni, Co, Fe Based Super Alloy	Titanium	
Hardness	13-38	>38	16-38	> 38	300 Series	400 series		18-22	22-32				>45
Black Oxide	☆		☆					☆	◆				

☆ = Best Performance ◆ = Acceptable