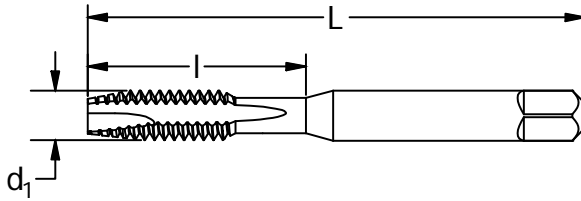


## Bottoming

Styles: **1012**

**Note**  
Tapping Speeds and Feeds see Technical section.

HSS
302A
Spiral Point
Blind Holes
Bottom 1-2
Surface Treatment
Bright



tap size and pitch $d_1$	thread form	decimal equiv.	number of flutes	H-limit	overall length L (in)	thread length I (in)	order number
*0-80	UNF	.0600	2	H2	1.625	.313	<b>1012</b> C57012
*2-56	UNC	.0860	2	H2	1.750	.438	C57032
4-40	UNC	.1120	2	H2	1.875	.563	C57049
5-40	UNC	.1250	2	H2	1.938	.625	C57063
6-32	UNC	.1380	2	H3	2.000	.688	C57073
8-32	UNC	.1640	2	H3	2.125	.750	C57086
10-24	UNC	.1900	2	H3	2.375	.875	C57098
10-32	UNF	.1900	2	H3	2.375	.875	C57105
1/4-20	UNC	.2500	2	H3	2.500	1.000	C57131
1/4-28	UNF	.2500	2	H3	2.500	1.000	C57140
5/16-18	UNC	.3125	3	H3	2.719	1.125	C57153
5/16-24	UNF	.3125	2	H3	2.719	1.125	C57162

\*#0-#2: 302 blank style

Spiral Point

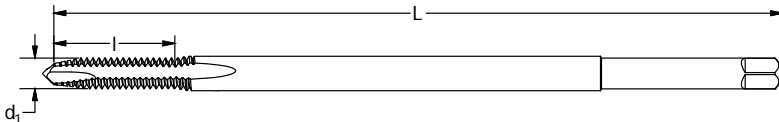
High Speed Steel

## 6" Extended Length

Styles: **1011E**

**Note**  
Tapping Speeds and Feeds see Technical section.

HSS
303-A Extended Length
Spiral Point
Thru Holes
Plug 3-5
Surface Treatment
Bright



**Feature:**

Extended length for long reach applications.

tap size and pitch $d_1$	thread form	decimal equiv.	number of flutes	H-limit	overall length L (in)	thread length I (in)	order number
#8-32	UNC	.1640	2	H3	6.0000	.7500	<b>1011E</b> C59106
#10-24	UNC	.1900	2	H3	6.0000	.8750	C59109
#10-32	UNF	.1900	2	H3	6.0000	.8750	C59110
1/4-20	UNC	.2500	2	H3	6.0000	1.0000	C59117
1/4-28	UNF	.2500	2	H3	6.0000	1.0000	C59118
5/16-18	UNC	.3125	2	H3	6.0000	1.1250	C59121
5/16-24	UNF	.3125	2	H3	6.0000	1.1250	C59122
3/8-16	UNC	.3750	3	H3	6.0000	1.2500	C59126
3/8-24	UNF	.3750	3	H3	6.0000	1.2500	C59127

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	
<b>1012 Bright</b>	13-38	>38	16-38	> 38	300 Series	400 series		18-22	22-32	☆			>45
<b>1011E Bright</b>	☆		☆					☆		◆			

☆ = Best Performance      ◆ = Acceptable