

2-Flute Regular Length HSCO – Metric

These end mills come standard with right-hand cutting and right-hand helical flutes. All shanks are flatted for holder set screw. Designed for slotting, drilling, pocketing and general-purpose operation.

- 2 helical flutes
- Single end with weldon shank
- Centre cutting
- Keyway tolerance



Speeds & Feeds > P. A39

Cutting Dia. (mm)	Shank Dia. (in.)	Flute Length (in.)	Overall Length (in.)	Code No.	Price \$
Metric					
2 mm	3/8	5/16	2-5/16	103700	23.36
3 mm	3/8	5/16	2-5/16	103702	19.44
3.5 mm	3/8	7/16	2-5/16	103703	23.88
4 mm	3/8	7/16	2-5/16	103704	23.36
5 mm	3/8	1/2	2-5/16	103706	23.36
5.5 mm	3/8	1/2	2-5/16	103707	22.50
6 mm	3/8	1/2	2-5/16	103708	23.36
7 mm	3/8	9/16	2-5/16	103710	23.36
8 mm	3/8	9/16	2-5/16	103712	23.36
9 mm	3/8	9/16	2-5/16	103713	23.36
10 mm	3/8	13/16	2-1/2	103714	23.36
11 mm	3/8	13/16	2-1/2	103715	35.65
12 mm	3/8	13/16	2-1/2	103716	35.65
14 mm	1/2	1-1/8	3-1/8	103718	41.48
16 mm	5/8	1-5/16	3-7/16	103720	50.85
18 mm	5/8	1-5/16	3-7/16	103722	59.37
20 mm	5/8	1-1/2	3-3/4	103724	66.14
22 mm	3/4	1-1/2	3-3/4	103726	76.29
24 mm	3/4	2	4-1/2	103728	98.39

2-Flute Long Length HSCO



Speeds & Feeds > P. A39

Cutting Dia. (in.)	Shank Dia. (in.)	Flute Length (in.)	Overall Length (in.)	Code No.	Price \$
Inch					
1/4	3/8	1-1/4	3-1/8	103130	26.65
5/16	3/8	1-3/8	3-1/8	103132	26.65
3/8	3/8	1-1/2	3-1/4	103134	26.65
1/2	1/2	2	4	103136	37.51
5/8	5/8	2	4-1/8	103138	54.31
3/4	3/4	2-1/4	4-1/2	103140	60.77
7/8	7/8	2-1/2	4-3/4	103142	74.31
1	1	3	5-1/2	103144	103.75
1-1/8	1	3	5-1/2	103146	128.49
1-1/4	1-1/4	3	5-1/2	103150	140.76
1-1/2	1-1/4	3	5-1/2	103152	192.88
1-3/4	1-1/4	3	5-1/2	103154	231.35
2	1-1/4	3	5-1/2	103156	345.77

2-Flute Extended Shank HSCO



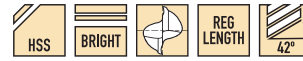
Speeds & Feeds > P. A39

Cutting Dia. (in.)	Shank Dia. (in.)	Flute Length (in.)	Length Below Shank (in.)	Overall Length (in.)	Comb. Shank Code No.	Price \$	Weldon Flat Code No.	Price \$
Inch								
1/8	3/8	3/8	13/16	2-3/8	-	-	103158	22.61
3/16	3/8	1/2	1-1/8	2-11/16	103622	21.25	103160	24.20
1/4	3/8	5/8	1-1/2	3-1/16	103624	20.21	103162	24.20
5/16	3/8	3/4	1-3/4	3-5/16	-	-	103164	24.21
3/8	3/8	3/4	1-3/4	3-5/16	103628	20.43	103166	24.21
1/2	1/2	1	2-7/32	4	103630	23.09	103168	33.99
5/8	5/8	1-3/8	2-23/32	4-5/8	103632	60.48	103170	56.33
3/4	3/4	1-5/8	3-11/32	5-3/8	103634	82.13	103172	65.22
7/8	7/8	2	4	6	103636	79.77	103174	94.18
1	1	2-1/2	4-31/32	7-1/4	-	-	103176	126.45
1-1/4	1-1/4	3	4-31/32	7-1/4	-	-	103178	153.15

2-Flute Regular Length HSS For Aluminum



The 2-flute end mills for aluminum have high helix flute design making them well suited for milling aluminum and other non-ferrous materials.



Speeds & Feeds > P. A39

Cutting Dia. (in.)	Shank Dia. (in.)	Flute Length (in.)	Overall Length (in.)	Code No.	Price \$
Inch					
1/4	3/8	5/8	2-7/16	103506	18.15
5/16	3/8	3/4	2-1/2	103507	18.15
3/8	3/8	3/4	2-1/2	103508	18.15
7/16	3/8	1	2-11/16	103509	26.34
1/2	1/2	1-1/4	3-1/4	103510	26.34
5/8	5/8	1-5/8	3-3/4	103511	42.35
3/4	3/4	1-5/8	3-7/8	103512	55.10
7/8	3/4	1-7/8	4-1/8	103513	66.56
1	1	2	4-1/2	103514	83.28
1-1/4	1-1/4	2	4-1/2	103515	122.95
1-1/2	1-1/4	2	4-1/2	103516	191.92
2	1-1/4	2	4-1/2	103517	290.54

2-Flute Extra Long Length HSS For Aluminum



Speeds & Feeds > P. A39

Cutting Dia. (in.)	Shank Dia. (in.)	Flute Length (in.)	Overall Length (in.)	Code No.	Price \$
Inch					
1/4	3/8	1-3/4	3-9/16	103529	24.18
5/16	3/8	2	3-3/4	103530	24.18
3/8	3/8	2-1/2	4-1/4	103531	24.18
1/2	1/2	3	5	103532	40.97
5/8	5/8	4	6-1/8	103533	71.59
3/4	3/4	4	6-1/4	103534	93.16
1	1	6	8-1/2	103535	138.51
1-1/4	1-1/4	6	8-1/2	103536	220.48
1-1/2	1-1/4	8	10-1/2	103537	298.73

2-Flute Long Length HSS For Aluminum



Speeds & Feeds > P. A39

Cutting Dia. (in.)	Shank Dia. (in.)	Flute Length (in.)	Overall Length (in.)	Code No.	Price \$
Inch					
1/4	3/8	1-1/4	3-1/16	103518	22.45
5/16	3/8	1-3/8	3-1/8	103519	22.44
3/8	3/8	1-1/2	3-1/4	103520	22.44
7/16	1/2	1-3/4	3-3/4	103521	34.84
1/2	1/2	2	4	103522	32.88
5/8	5/8	2-1/2	4-5/8	103523	55.02
3/4	3/4	3	5-1/4	103524	72.96
1	1	4	6-1/2	103525	118.69
1-1/4	1-1/4	4	6-1/2	103526	173.90
1-1/2	1-1/4	4	6-1/2	103527	248.08
2	1-1/4	4	6-1/2	103528	384.79

Tolerances - Inch

Size	Diameter	Shank Diameter
3/32 thru 1"	+0.0000"-0.002"	+0.00000"-0.0005"

Tolerances - Metric

Size	Diameter	Shank Diameter
1mm-25mm	+0.000mm-0.051mm	+0.000mm-0.013mm

Steel

Stainless Steel

Cast Iron/Hardened

Aluminum