

4-Flute Regular Length HSCO - Metric



Centre cutting allows these end mills to drill into the part for the beginning of a slot. These centre cutting end mills are recommended for pocketing, tracer milling, cam milling, die sinking and slotting. • Single end with weldon shank



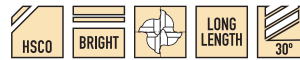
Speeds & Feeds > P. A44

Cutting Dia. (mm)	Shank Dia. (in.)	Flute Length (in.)	Overall Length (in.)	Code No.	Price \$
2 mm	3/8	3/8	2-5/16	103730	29.39
3 mm	3/8	3/8	2-5/16	103731	29.39
4 mm	3/8	1/2	2-3/8	103732	29.39
5 mm	3/8	9/16	2-1/2	103733	29.39
6 mm	3/8	5/8	2-1/2	103734	29.39
7 mm	3/8	11/16	2-1/2	103735	29.39
8 mm	3/8	3/4	2-1/2	103736	29.39
10 mm	3/8	1	2-11/16	103737	29.39
11 mm	3/8	1	2-11/16	103749	44.85
12 mm	3/8	1	2-11/16	103738	44.85
13 mm	1/2	1-1/4	3-1/4	103750	55.36
14 mm	1/2	1-3/8	3-3/8	103739	52.18
16 mm	5/8	1-5/8	3-3/4	103740	63.98
18 mm	5/8	1-5/8	3-3/4	103741	74.71
20 mm	5/8	1-7/8	4-1/8	103742	83.22
22 mm	3/4	1-7/8	4-1/8	103743	95.98
24 mm	3/4	2	4-1/2	103744	123.80

Multi-Flute Long Length HSCO



- Multiple helical flutes
- Centre cutting
- Single end with weldon shank



Speeds & Feeds > P. A44

Cutting Dia. (in.)	Shank Dia. (in.)	Flute Length (in.)	Overall Length (in.)	Flutes	Comb. Shank Code No.	Price \$	Weldon Flat Code No.	Price \$
Inch								
1/4	3/8	1-1/4	3-1/16	4	-	-	103360	34.18
5/16	3/8	1-3/8	3-1/8	4	-	-	103361	34.18
3/8	3/8	1-1/2	3-1/4	4	-	-	103362	34.18
1/2	1/2	2	4	4	103658	39.46	103363	51.16
5/8	5/8	2-1/2	4-5/8	4	-	-	103364	79.57
3/4	3/4	3	5-1/4	4	-	-	103365	96.01
7/8	3/4	3-1/2	5-3/4	4	103664	199.85	103366	115.63
1	1	4	6-1/2	4	103666	166.47	103367	174.48
1-1/4	1-1/4	4	6-1/2	6	-	-	103368	227.28
1-1/2	1-1/4	4	6-1/2	6	-	-	103369	317.04

Multi-Flute Regular Length HSCO & HSS

Centre cutting allows these end mills to drill into the part for the beginning of a slot. These centre cutting end mills are recommended for pocketing, tracer milling, cam milling, die sinking and slotting.



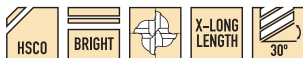
Speeds & Feeds > P. A44

Cutting Dia. (in.)	Shank Dia. (in.)	Flute Length (in.)	Overall Length (in.)	Flutes	HSCO Weldon Flat		HSCO TiAIN Coated Weldon Flat		HSS Weldon Flat		HSCO Comb. Shank	
					Code No.	Price \$	Code No.	Price \$	Code No.	Price \$	Code No.	Price \$
Inch												
1/8	3/8	3/8	2-5/16	4	103222	25.23	104522	48.15	104400	16.01	-	-
5/32	3/8	7/16	2-3/8	4	103223	22.94	-	-	104402	15.60	103021	16.83
3/16	3/8	1/2	2-3/8	4	103224	26.19	104524	48.15	104404	17.02	-	-
7/32	3/8	9/16	2-7/16	4	103225	19.79	-	-	104406	15.98	103023	18.77
1/4	3/8	5/8	2-7/16	4	103226	26.19	104526	44.84	104408	17.02	-	-
9/32	3/8	11/16	2-1/2	4	103227	26.19	-	-	104410	17.02	-	-
5/16	3/8	3/4	2-1/2	4	103228	26.19	104528	48.18	104412	17.68	-	-
11/32	3/8	3/4	2-1/2	4	103229	26.19	-	-	104414	18.74	103027	16.83
3/8	3/8	3/4	2-1/2	4	103230	26.19	104530	48.17	104416	17.67	-	-
13/32	3/8	1	2-11/16	4	103231	37.80	-	-	104418	27.12	-	-
7/16	3/8	1	2-11/16	4	103232	39.29	104532	61.16	104420	27.13	-	-
1/2	1/2	1-1/4	3-1/4	4	103235	39.29	104535	70.45	104422	27.13	-	-
9/16	1/2	1-3/8	3-3/8	4	103237	52.07	-	-	104424	37.62	103031	64.04
5/8	5/8	1-5/8	3-3/4	4	103240	60.20	104540	97.58	104426	39.72	-	-
11/16	5/8	1-5/8	3-3/4	4	103242	66.84	-	-	104428	45.09	103033	57.44
3/4	3/4	1-5/8	3-7/8	4	103246	71.19	104546	108.48	104430	51.80	-	-
13/16	3/4	1-7/8	4-1/8	4	103248	74.31	-	-	-	-	-	-
7/8	3/4	1-7/8	4-1/8	4	103252	89.42	-	-	-	-	-	-
1	1	2	4-1/2	4	103259	107.86	104559	172.39	104432	64.93	-	-
1-1/8	1	2	4-1/2	4	-	-	104561	209.70	104434	66.42	-	-
1-1/8	1	2	4-1/2	6	103261	145.26	-	-	104436	151.15	-	-
1-1/4	1-1/4	2	4-1/2	4	-	-	104564	250.81	-	-	-	-
1-1/4	1-1/4	2	4-1/2	6	103264	172.83	-	-	104438	136.16	-	-
1-3/8	1	2	4-1/2	6	103265	197.66	-	-	-	-	-	-
1-1/2	1-1/4	2	4-1/2	4	-	-	-	-	-	-	103046	275.37
1-1/2	1-1/4	2	4-1/2	6	103267	228.51	104567	349.10	104442	196.34	103044	327.79
2	1-1/4	2	4-1/2	6	103269	360.32	-	-	104444	257.60	-	-
6pc Set	Contains: 1/4" - 3/4"				103581	240.06						

Multi-Flute Extra Long Length HSCO



- Multiple helical flutes
- Centre cutting
- Single end with weldon shank



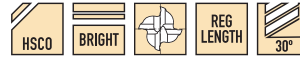
Speeds & Feeds > P. A44

Cutting Dia. (in.)	Shank Dia. (in.)	Flute Length (in.)	Overall Length (in.)	Flutes	Code No.	Price \$
Inch						
1/4	3/8	1-3/4	3-9/16	4	103370	40.67
5/16	3/8	2	3-3/4	4	103371	44.41
3/8	3/8	2-1/2	4-1/4	4	103372	46.93
1/2	1/2	3	5	4	103373	60.69
5/8	5/8	4	6-1/8	4	103374	96.07
3/4	3/4	4	6-1/4	4	103375	116.74
7/8	3/4	5	7-1/4	4	103376	138.56
1	1	6	8-1/2	4	103377	195.65
1-1/4	1-1/4	6	8-1/2	6	103378	263.77
1-1/2	1-1/4	8	10-1/2	6	103378A	478.08

4-Flute Double End Regular Length HSCO



Double end economy. Used for slabbing, shallow pocketing, tracer milling or die sinking and similar operations.



Speeds & Feeds > P. A44

Cutting Dia. (in.)	Shank Dia. (in.)	Flute Length (in.)	Overall Length (in.)	Code No.	Price \$
Inch					
1/8	3/8	3/8	3-1/16	103379	36.48
3/16	3/8	1/2	3-1/4	103380	36.48
1/4	3/8	5/8	3-3/8	103381	36.48
5/16	3/8	3/4	3-1/2	103382	36.48
3/8	3/8	3/4	3-1/2	103383	36.48
1/2	1/2	1	4-1/8	103384	53.21
5/8	5/8	1-3/8	5	103385	91.58
3/4	3/4	1-5/8	5-5/8	103386	105.27
7/8	7/8	1-7/8	6-1/8	103387	140.87
1	1	1-7/8	6-3/8	103388	174.28