

4 Flute Ball Nose Single End Mills

M42 8% Cobalt



Size	Shank Dia.	Flute Length	Overall Length	Order No.
1/8"	3/8"	3/8"	2-5/16"	723-3700
3/16	3/8	1/2	2-3/8	723-3702
1/4	3/8	5/8	2-1/2	723-3705
1/4	3/8	1-1/4	3-1/16	723-3708
5/16	3/8	3/4	2-1/2	723-3715
5/16	3/8	1	2-3/4	723-3710
5/16	3/8	1-1/2	3-1/4	723-3718
3/8	3/8	3/4	2-1/2	723-3725
3/8	3/8	1	2-3/4	723-3720
3/8	3/8	1-1/2	3-1/4	723-3728
1/2	1/2	1	2-3/4	723-3730
1/2	1/2	1-1/4	3-1/4	723-3735
1/2	1/2	1-1/2	3-1/4	723-3740
1/2	1/2	2	4	723-3748
5/8	5/8	1-5/8	3-3/4	723-3750
5/8	5/8	2-1/2	4-5/8	723-3758
3/4	3/4	1-5/8	3-7/8	723-3760
3/4	3/4	3	5-1/4	723-3768
7/8	7/8	1-7/8	4-1/8	723-3765
1	1	2	4-1/2	723-3775
1	1	2-1/4	4-3/4	723-3770
1	1	4	6-1/2	723-3778
1-1/4	1-1/4	2	4-1/2	723-3785
1-1/4	1-1/4	2-1/2	5	723-3780
1-1/2	1-1/4	2	4-1/2	723-3795
1-1/2	1-1/4	2-1/2	5	723-3790

2 Flute Ball Nose Double End Mills

M42 8% Cobalt



Size	Shank Dia.	Flute Length	Overall Length	Order No.
1/8"	3/8"	3/8"	3-3/16"	723-2100
9/64	3/8	7/16	3-1/8	723-2105
5/32	3/8	1/2	3-1/8	723-2110
11/64	3/8	7/16	3-1/8	723-2115
3/16	3/8	7/16	3-1/8	723-2120
13/64	3/8	1/2	3-1/8	723-2125
7/32	3/8	1/2	3-1/8	723-2130
15/64	3/8	1/2	3-1/8	723-2135
1/4	3/8	1/2	3-1/8	723-2140
17/64	3/8	9/16	3-1/8	723-2145
9/32	3/8	9/16	3-1/8	723-2150
19/64	3/8	9/16	3-1/8	723-2155
5/16	3/8	9/16	3-1/8	723-2160
21/64	3/8	9/16	3-1/8	723-2161
11/32	3/8	9/16	3-1/8	723-2162
23/64	1/2	9/16	3-1/8	723-2163
3/8	3/8	9/16	3-1/8	723-2165
13/32	1/2	13/16	3-3/4	723-2168
7/16	1/2	13/16	3-3/4	723-2170
1/2	1/2	13/16	3-3/4	723-2174
5/8	5/8	1-1/8	4-1/2	723-2185
3/4	3/4	1-5/16	5	723-2188
7/8	7/8	1-9/16	5-1/2	723-2190
1	1	1-5/8	5-7/8	723-2192

2 Flute Inch Shank Single End Mills



Size	Shank Dia.	Flute Length	Overall Length	M2 Order No.	M2Al Order No.	TiN-Coated Order No.
5mm	3/8"	1/2"	2-5/16"	720-9050	721-9050	722-9050
6mm	3/8	1/2	2-5/16	720-9060	721-9060	722-9060
7mm	3/8	9/16	2-5/16	720-9070	721-9070	722-9070
8mm	3/8	9/16	2-5/16	720-9080	721-9080	722-9080
9mm	3/8	9/16	2-5/16	720-9090	721-9090	722-9090
10mm	3/8	13/16	2-1/2	720-9100	721-9100	722-9100
11mm	3/8	13/16	2-1/2	720-9110	721-9110	722-9110
12mm	1/2	1	3	720-9120	721-9120	722-9120
13mm	1/2	1-1/8	3-1/8	720-9130	721-9130	722-9130
14mm	1/2	1-1/8	3-1/8	720-9140	721-9140	722-9140
15mm	1/2	1-1/8	3-1/8	720-9150	721-9150	722-9150
16mm	1/2	1-5/16	3-5/16	720-9160	721-9160	722-9160
18mm	1/2	1-5/16	3-5/16	720-9180	721-9180	722-9180
20mm	3/4	1-1/2	3-3/4	720-9200	721-9200	722-9200
22mm	3/4	1-1/2	3-3/4	720-9222	721-9222	722-9222
24mm	3/4	1-1/2	3-3/4	720-9240	721-9240	722-9240
25mm	1	1-5/8	4-1/8	720-9250	721-9250	722-9250

4 Flute Inch Shank Single End Mills

Center Cutting



Size	Shank Dia.	Flute Length	Overall Length	M2 Order No.	M2Al Order No.	TiN-Coated Order No.
5mm	3/8"	9/16"	2-7/16"	720-8050	721-8050	722-8050
6mm	3/8	5/8	2-1/2	720-8060	721-8060	722-8060
7mm	3/8	5/8	2-1/2	720-8070	721-8070	722-8070
8mm	3/8	3/4	2-1/2	720-8080	721-8080	722-8080
9mm	3/8	3/4	2-1/2	720-8090	721-8090	722-8090
10mm	3/8	3/4	2-1/2	720-8100	721-8100	722-8100
11mm	3/8	1	2-11/16	720-8110	721-8110	722-8110
12mm	3/8	1	2-11/16	720-8120	721-8120	722-8120
13mm	1/2	1-1/4	3-1/4	720-8130	721-8130	722-8130
14mm	1/2	1-3/8	3-3/8	720-8140	721-8140	722-8140
15mm	1/2	1-3/8	3-3/8	720-8150	721-8150	722-8150
16mm	5/8	1-5/8	3-3/4	720-8160	721-8160	722-8160
18mm	3/4	1-5/8	3-3/4	720-8180	721-8180	722-8180
20mm	3/4	1-7/8	4-1/8	720-8200	721-8200	722-8200
22mm	7/8	1-7/8	4-1/8	720-8220	721-8220	722-8220
24mm	7/8	1-7/8	4-1/8	720-8240	721-8240	722-8240
25mm	1	2	4-1/2	720-8250	721-8250	722-8250

Metric 4 Flute Single End Mills

DIN844B, High Speed Steel, Long Length



Size	Shank Dia.	Flute Length	Overall Length	M2 Order No.	M2Al Order No.	TiN-Coated Order No.
3mm	6	12	56	720-4503	721-4503	722-4503
4mm	6	19	63	720-4504	721-4504	722-4504
5mm	6	24	68	720-4505	721-4505	722-4505
6mm	6	24	68	720-4506	721-4506	722-4506
7mm	10	30	80	720-4507	721-4507	722-4507
8mm	10	38	88	720-4508	721-4508	722-4508
10mm	10	45	95	720-4510	721-4510	722-4510
12mm	12	53	110	720-4512	721-4512	722-4512
14mm	12	53	110	720-4514	721-4514	722-4514
16mm	16	63	123	720-4516	721-4516	722-4516
18mm	16	63	123	720-4518	721-4518	722-4518
20mm	20	75	141	720-4520	721-4520	722-4520
22mm	20	75	141	720-4522	721-4522	722-4522
25mm	25	90	166	720-4525	721-4525	722-4525

Metric 4 Flute Single End Mills

DIN844B, High Speed Steel



Size	Shank Dia.	Flute Length	Overall Length	M2 Order No.	M2Al Order No.	TiN-Coated Order No.
3mm	6	8	52	720-4903	721-4903	722-4903
4mm	6	11	55	720-4904	721-4904	722-4904
5mm	6	13	57	720-4905	721-4905	722-4905
6mm	6	13	57	720-4906	721-4906	722-4906
7mm	10	16	66	720-4907	721-4907	722-4907
8mm	10	19	63	720-4908	721-4908	722-4908
10mm	10	22	72	720-4910	721-4910	722-4910
12mm	12	26	83	720-4912	721-4912	722-4912
14mm	12	26	83	720-4914	721-4914	722-4914
16mm	16	32	92	720-4916	721-4916	722-4916
18mm	16	32	92	720-4918	721-4918	722-4918
20mm	20	38	104	720-4920	721-4920	722-4920
22mm	20	38	104	720-4922	721-4922	722-4922
25mm	25	45	121	720-4925	721-4925	722-4925
28mm	25	45	121	720-4928	721-4928	722-4928
30mm	25	45	121	720-4930	721-4930	722-4930

Metric 2 Flute Single End Mills

DIN327, High Speed Steel



Size	Shank Dia.	Flute Length	Overall Length	M2 Order No.	M2Al Order No.	TiN-Coated Order No.
3mm	6	6	50	720-2303	721-2303	722-2303
4mm	6	7	51	720-2304	721-2304	722-2304
5mm	6	8	52	720-2305	721-2305	722-2305
6mm	6	8	52	720-2306	721-2306	722-2306
7mm	10	10	60	720-2307	721-2307	722-2307
8mm	10	11	61	720-2308	721-2308	722-2308
10mm	10	13	63	720-2310	721-2310	722-2310
12mm	12	16	73	720-2312	721-2312	722-2312
14mm	12	16	73	720-2314	721-2314	722-2314
16mm	16	19	79	720-2316	721-2316	722-2316
18mm	16	19	79	720-2318	721-2318	722-2318
20mm	20	22	88	720-2320	721-2320	722-2320
22mm	20	22	88	720-2322	721-2322	722-2322
24mm	25	26	102	720-2324	721-2324	722-2324
25mm	25	26	102	720-2325	721-2325	722-2325

M42 8% Cobalt Metric 2 Flute Single End Mills

DIN327



Size	Shank Dia.	Flute Length	Overall Length	Order No.	Size	Shank Dia.	Flute Length	Overall Length	Order No.
2mm	6mm	4mm	48	723-2302	15mm	12mm	16mm	73	723-2315
3	6	5	49	723-2303	16	16	19	79	723-2316
4	6	7	51	723-2304	17	16	19	79	723-2317
5	6	8	52	723-2305	18	16	19	79	723-2318
6	6	8	52	723-2306	19	16	19	79	723-2319
7	10	10	60	723-2307	20	20	22	88	723-2320
8	10	11	61	723-2308	21	20	22	88	723-2321
9	10	13	63	723-2309	22	20	22	88	723-2322
10	10	13	63	723-2310	23	20	22	88	723-2323
11	12	16	73	723-2311	24	25	26	102	723-2324
12	12	16	73	723-2312	25	25	26	102	723-2325
13	12	16	73	723-2313	26	25	26	102	723-2326
14	12	16	73	723-2314	28	25	26	102	723-2328

M42 8% Cobalt Metric 4 Flute Single End Mills

DIN844



Size	Shank Dia.	Flute Length	Overall Length	Order No.	Size	Shank Dia.	Flute Length	Overall Length	Order No.
2mm	6	7	51	723-4902	16	16	32	92	723-4916
3	6	8	52	723-4903	17	16	32	92	723-4917
4	6	11	55	723-4904	18	16	32	92	723-4918
5	6	13	57	723-4905	19	16	32	92	723-4919
6	6	13	57	723-4906	20	20	38	104	723-4920
7	10	16	66	723-4907	21	20	38	104	723-4921
8	10	19	63	723-4908	22	20	38	104	723-4922
9	10	19	69	723-4909	23	20	38	104	723-4923
10	10	22	72	723-4910	24	25	45	121	723-4924
11	12	26	83	723-4911	25	25	45	121	723-4925
12	12	26	83	723-4912	26	25	45	121	723-4926
13	12	26	83	723-4913	27	25	45	121	723-4928
14	12	26	83	723-4914	28	25	45	121	723-4930
15	12	26	83	723-4915	29	32	53	133	723-4932

Metric Roughing End Mills

High Speed Steel



Size	Shank Dia.	Flute Length	Overall Length	No. of Flute	Order No.	Tin-coated Order No.
6mm	6	13	57	4	720-5806	722-5806
8mm	10	19	69	4	720-5808	722-5808
10mm	10	22	72	4	720-5810	722-5810
11mm	12	22	79	4	720-5811	722-5811
12mm	12	26	83	4	720-5812	722-5812
13mm	12	26	83	4	720-5813	722-5813
14mm	12	26	83	4	720-5814	722-5814
15mm	12	26	83	4	720-5815	722-5815
16mm	16	32	92	4	720-5816	722-5816
17mm	16	32	92	4	720-5817	722-5817
18mm	16	32	92	4	720-5818	722-5818
19mm	16	32	92	4	720-5819	722-5819
20mm	20	38	104	4	720-5820	722-5820
22mm	20	38	104	4	720-5822	722-5822
22mm	20	38	104	5	720-5823	722-5823
24mm	25	45	121	4	720-5824	722-5824
25mm	25	45	121	4	720-5825	722-5825
25mm	25	45	121	5	720-5826	722-5826
26mm	25	45	121	6	720-5827	722-5827
28mm	25	45	121	6	720-5828	722-5828
30mm	25	45	121	5	720-5830	722-5830
30mm	25	45	121	6	720-5831	722-5831
32mm	32	53	133	5	720-5832	722-5832
32mm	32	53	133	6	720-5833	722-5833
38mm	32	53	133	6	720-5838	722-5838
40mm	40	63	155	6	720-5840	722-5840
40mm	40	63	155	8	720-5841	722-5841
45mm	40	63	155	6	720-5845	722-5845
45mm	40	63	155	8	720-5846	722-5846
50mm	50	75	177	6	720-5850	722-5850
50mm	50	75	177	8	720-5851	722-5851
55mm	50	75	177	6	720-5855	722-5855
55mm	50	75	177	8	720-5856	722-5856
63mm	63	90	202	6	720-5863	722-5863
63mm	63	90	202	8	720-5864	722-5864
71mm	63	90	202	8	720-5871	722-5871

M42 2 Flute Inch Shank Single End Mills

Center Cutting

M-42 cobalt end mills are more economical than high speed steel end mills. They stay sharper longer to allow more cuts between grinds and reduce downtime to give you lower cost per machined workpiece!



Size	Shank Dia.	Flute Length	Overall Length	Order No.
3mm	3/8"	5/16"	2-5/16"	723-9029
3mm	3/8	3/8"	2-5/16	723-9030
3.5mm	3/8	7/16	2-5/16	723-9035
4.0mm	3/8	7/16	2-5/16	723-9040
4.5mm	3/8	7/16	2-5/16	723-9045
5mm	3/8	1/2	2-5/16	723-9050
5.5mm	3/8	1/2	2-3/8	723-9055
6mm	3/8	1/2	2-5/16	723-9060
6.5mm	3/8	9/16	2-3/8	723-9065
7mm	3/8	9/16	2-5/16	723-9070
7.5mm	3/8	9/16	2-5/16	723-9075
8mm	3/8	9/16	2-5/16	723-9080
8.5mm	3/8	9/16	2-5/16	723-9085
9mm	3/8	9/16	2-5/16	723-9090
9.5mm	3/8	9/16	2-5/16	723-9095
10mm	3/8	13/16	2-1/2	723-9100
10.5mm	3/8	13/16	2-1/2	723-9105
11mm	3/8	13/16	2-1/2	723-9110
11.5mm	3/8	13/16	2-1/2	723-9115
11.5MM	3/8	13/16	2-1/2	723-9119
12mm	1/2	1	3	723-9120
12.5mm	1/2	1	3	723-9125
13mm	1/2	1-1/8	3-1/8	723-9130
13.5mm	1/2	1-1/8	3-1/8	723-9135
14mm	1/2	1-1/8	3-1/8	723-9140
14.5mm	1/2	1-1/8	3-1/8	723-9145
15mm	1/2	1-1/8	3-1/8	723-9150
16mm	1/2	1-5/16	3-5/16	723-9160
17mm	5/8	1-5/16	3-7/16	723-9170
18mm	5/8	1-5/16	3-5/16	723-9180
19mm	3/4	1-5/8	3-7/8	723-9190
20mm	3/4	1-1/2	3-3/4	723-9200
21mm	3/4	1-1/2	3-3/4	723-9210
22mm	7/8	1-1/2	3-3/4	723-9220
23mm	7/8	1-7/8	4-1/8	723-9230
24mm	1/2	1-1/2	3-1/2	723-9240
25mm	1	1-5/8	4-1/8	723-9250
28mm	1	2	4-1/2	723-9280
32mm	1	2	4-1/2	723-9320
35mm	1	2	4-1/2	723-9350
36mm	1	2	4-1/2	723-9360
40mm	1-1/4	2	4-1/2	723-9400
45mm	1-1/4	2	4-1/2	723-9450

M42 4 Flute Inch Shank Single End Mills

Center Cutting

M-42 cobalt end mills are more economical than high speed steel end mills. They stay sharper longer to allow more cuts between grinds and reduce downtime to give you lower cost per machined workpiece!



Size	Shank Dia.	Flute Length	Overall Length	Order No.
3mm	3/8"	3/8"	2-5/16"	723-8610
3.5mm	3/8	7/16	2-5/16	723-8613
4mm	3/8	1/2	2-3/8	723-8616
4.5mm	3/8	7/16	2-5/16	723-8619
5mm	3/8	9/16	2-7/16	723-8622
5.5mm	3/8	5/8	2-1/2	723-8625
6mm	3/8	5/8	2-1/2	723-8628
6.5mm	3/8	11/16	2-1/2	723-8631
7mm	3/8	5/8	2-1/2	723-8634
7.5mm	3/8	3/4	2-1/2	723-8637
8mm	3/8	3/4	2-1/2	723-8641
8.5mm	3/8	3/4	2-1/2	723-8644
9mm	3/8	3/4	2-1/2	723-8647
9.5mm	3/8	3/4	2-1/2	723-8650
10mm	3/8	3/4	2-1/2	723-8653
10.5mm	3/8	1	2-11/16	723-8656
11mm	3/8	1	2-11/16	723-8659
11.5mm	3/8	1	2-11/16	723-8662
12mm	3/8	1	2-11/16	723-8665
12.5mm	1/2	1-1/4	3-1/4	723-8668
13mm	1/2	1-1/4	3-1/4	723-8671
13.5mm	1/2	1-3/8	3-3/8	723-8674
14mm	1/2	1-3/8	3-3/8	723-8677
14.5mm	1/2	1-3/8	3-3/8	723-8680
15mm	1/2	1-3/8	3-3/8	723-8683
16mm	5/8	1-5/8	3-3/4	723-8686
17mm	5/8	1-5/8	3-3/4	723-8689
18mm	3/4	1-5/8	3-3/4	723-8692
19mm	3/4	1-5/8	3-7/8	723-8695
20mm	3/4	1-7/8	4-1/8	723-8698
21mm	3/4	1-7/8	4-1/8	723-8701
22mm	7/8	1-7/8	4-1/8	723-8704
23mm	7/8	1-7/8	4-1/8	723-8707
24mm	7/8	1-7/8	4-1/8	723-8710
25mm	1	2	4-1/2	723-8713
28mm	1	2	4-1/2	723-8718
32mm	1	2	4-1/2	723-8725
35mm	1	2	4-1/2	723-8729
36mm	1	2	4-1/2	723-8732
40mm	1-1/4	2	4-1/2	723-8739
45mm	1-1/4	2	4-1/2	723-8747