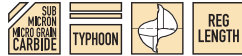


2-Flute Typhoon End Mills

2-Flute Regular Length — Typhoon

These end mills are manufactured with Premium Sub-Micron carbide and are designed to cut hardened materials. The unique geometry of the Typhoon end mill combined with its modified AlTiN coating make it an excellent choice for demanding applications.



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Cutting Dia. (in.)	Shank Dia. (in.)	Flute Length (in.)	Overall Length (in.)	Code No.	Price \$
Inch					
1/16	1/8	3/16	1-1/2	104602	18.50
3/32	1/8	5/16	1-1/2	104601	17.66
1/8	1/8	1/2	1-1/2	104600	16.59
5/32	3/16	9/16	2	104603	21.87
3/16	3/16	5/8	2	104604	20.92
7/32	1/4	5/8	2-1/2	104605	30.63
1/4	1/4	3/4	2-1/2	104608	28.23
9/32	5/16	3/4	2-1/2	104607	48.10
5/16	5/16	13/16	2-1/2	104612	40.24
3/8	3/8	1	2-1/2	104616	47.49
7/16	7/16	1	2-3/4	104618	57.10
1/2	1/2	1	3	104620	71.03
9/16	9/16	1-1/8	3-1/2	104622	118.12
5/8	5/8	1-1/4	3-1/2	104624	131.07
11/16	3/4	1-3/8	4	104630	210.24
3/4	3/4	1-1/2	4	104628	187.09
7/8	7/8	1-1/2	4	104631	279.49
1	1	1-1/2	4	104632	279.49
Metric					
1	3	3	39	101780	19.62
1.5	3	5	39	101781	19.62
2	3	7	39	101782	18.50
2.5	3	8	39	101783	16.59
3	3	10	39	101784	16.59
3.5	4	12	51	101785	31.15
4	4	14	51	101786	31.15
4.5	5	14	51	101787	30.50
5	5	16	51	101788	30.50
6	6	19	64	101789	29.23
7	8	19	64	101790	51.44
8	8	21	64	101791	41.72
9	10	22	70	101792	64.42
10	10	25	70	101793	56.95
11	12	25	70	101794	73.96
12	12	25	76	101795	73.96
14	14	30	89	101796	130.88
16	16	32	89	101797	136.72
18	18	35	102	101798	205.86
20	20	38	102	101799	252.76
22	22	38	102	101800	306.36
25	25	38	102	101801	288.65

2-Flute Long Length — Typhoon

These Typhoon end mills have the added reach and depth of cut required for longer reach applications in hardened materials.



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Cutting Dia. (in.)	Shank Dia. (in.)	Flute Length (in.)	Overall Length (in.)	Code No.	Price \$
Inch					
1/8	1/8	3/4	2-1/4	104815	19.08
3/16	3/16	3/4	2-1/4	104816	20.92
1/4	1/4	1-1/8	3	104818	47.37
5/16	5/16	1-1/8	3	104820	60.41
3/8	3/8	1-1/8	3	104822	66.59
1/2	1/2	2	4	104824	96.12
5/8	5/8	2-1/4	5	104826	205.62
3/4	3/4	2-1/4	5	104830	251.10
1	1	2-1/4	5	104831	374.13

2-Flute Corner Radius — Typhoon

Typhoon end mills with corner radius allow more strength and minimize chipping on the corners in demanding applications.



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Cutting Dia. (in.)	Corner Radius (in.)	Shank Dia. (in.)	Flute Length (in.)	Overall Length (in.)	Code No.	Price \$
Inch						
1/8	0.015	1/8	1/2	1-1/2	102602	19.08
3/16	0.020	3/16	5/8	2	102610	23.96
1/4	0.020	1/4	3/4	2-1/2	102616	32.67
1/4	0.030	1/4	3/4	2-1/2	102618	32.67
5/16	0.020	5/16	13/16	2-1/2	102620	44.28
3/8	0.020	3/8	1	2-1/2	102628	51.72
3/8	0.030	3/8	1	2-1/2	102630	51.72
1/2	0.020	1/2	1	3	102636	88.21
1/2	0.030	1/2	1	3	102638	88.21
1/2	0.060	1/2	1	3	102640	88.21

2-Flute Ball Nose Regular Length — Typhoon

Typhoon ball nose end mills are designed for contour milling applications in hardened materials.



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Cutting Dia. (in.)	Shank Dia. (in.)	Flute Length (in.)	Overall Length (in.)	Code No.	Price \$
Inch					
1/16	1/8	3/16	1-1/2	104649	20.97
3/32	1/8	5/16	1-1/2	104651	20.21
1/8	1/8	1/2	1-1/2	104650	19.57
5/32	3/16	9/16	2	104653	25.73
3/16	3/16	5/8	2	104654	23.44
7/32	1/4	5/8	2-1/2	104655	33.06
1/4	1/4	3/4	2-1/2	104658	33.57
9/32	5/16	3/4	2-1/2	104657	43.33
5/16	5/16	13/16	2-1/2	104662	45.50
3/8	3/8	1	2-1/2	104666	53.14
7/16	7/16	1	2-3/4	104668	61.18
1/2	1/2	1	3	104670	90.63
9/16	9/16	1-1/8	3-1/2	104672	131.79
5/8	5/8	1-1/4	3-1/2	104674	144.28
3/4	3/4	1-1/2	4	104678	206.91
7/8	7/8	1-1/2	4	104681	336.43
1	1	1-1/2	4	104682	353.25
Metric					
1	3	3	39	101810	22.74
1.5	3	5	39	101811	22.74
2	3	7	39	101812	21.42
2.5	3	8	39	101813	20.65
3	3	10	39	101814	19.08
3.5	4	12	51	101815	19.08
4	4	14	51	101816	32.32
4.5	5	14	51	101817	35.09
5	5	16	51	101818	35.09
6	6	19	64	101819	33.97
7	8	19	64	101820	44.28
8	8	21	64	101821	45.95
9	10	22	70	101822	51.72
10	10	25	70	101823	62.44
11	12	25	70	101824	91.94
12	12	25	76	101825	91.94
14	14	30	89	101826	133.76
16	16	32	89	101827	146.53
18	18	35	102	101828	210.38
20	20	38	102	101829	285.01
22	22	38	102	101830	326.65
25	25	38	102	101831	326.65