

2 Flute Square End Standard Length Endmills 2 břitá fréza krátká

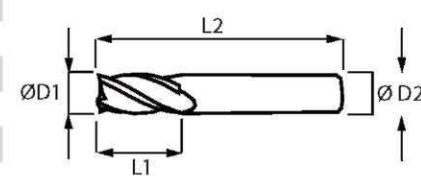
ØD1	L1	ØD2	L2	bez povlaku	povlak TiAIN
1	3	3	38	8100 1	8103 1
1.5	5	3	38	8105 1	8108 1
2	6	3	38	8110 1	8113 1
2.5	7	3	38	8115 1	8118 1
3	12	3	38	8120 1	8123 1
3.5	12	4	50	8125 1	8128 1
4	14	4	50	8130 1	8133 1
4.5	14	5	50	8135 1	8138 1
5	16	5	50	8140 1	8143 1
6	19	6	63	8145 1	8148 1
7	19	8	63	8150 1	8153 1
8	19	8	63	8155 1	8158 1
9	22	10	70	8160 1	8163 1
10	22	10	70	8165 1	8168 1
11	25	11	70	8170 1	8173 1
12	25	12	75	8175 1	8178 1
14	30	14	88	8180 1	8183 1
16	32	16	88	8185 1	8188 1
18	36	18	100	8190 1	8193 1
20	38	20	100	8195 1	8198 1
22	38	22	100	8200 1	8203 1
25	38	25	100	8205 1	8208 1

Cutting Edge Tolerance +.00 -.05
Shank Tolerance +.000 -.005

Tolerance řezné části +.00 -.05
Tolerance stopky +.000 -.005

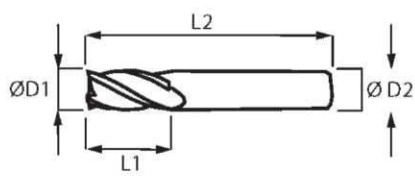
3 Flute Square End Standard Length Endmills 3 břitá fréza krátká

ØD1	L1	ØD2	L2	bez povlaku	povlak TiAlN
1	3	3	38	81003	81033
1.5	5	3	38	81053	81083
2	6	3	38	81103	81133
2.5	7	3	38	81153	81183
3	12	3	38	81203	81233
3.5	12	4	50	81253	81283
4	14	4	50	81303	81333
4.5	14	5	50	81353	81383
5	16	5	50	81403	81433
6	19	6	63	81453	81483
7	19	8	63	81503	81533
8	19	8	63	81553	81583
9	22	10	70	81603	81633
10	22	10	70	81653	81683
11	25	11	70	81703	81733
12	25	12	75	81753	81783
14	30	14	88	81803	81833
16	32	16	88	81853	81883
18	36	18	100	81903	81933
20	38	20	100	81953	81983
22	38	22	100	82003	82033
25	38	25	100	82053	82083



Tolerance řezné části +.00 -.05
Tolerance stopky +.000 -.005

Cutting Edge Tolerance +.00 -.05
Shank Tolerance +.000 -.005



4 Flute Square End Standard Length Endmills 4 břitá fréza krátká

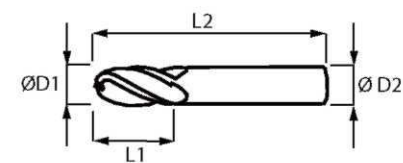
ØD1	L1	ØD2	L2	bez povlaku	povlak TiAIN
1	3	3	38	81000	81030
1.5	5	3	38	81050	81080
2	6	3	38	81100	81130
2.5	7	3	38	81150	81180
3	12	3	38	81200	81230
3.5	12	4	50	81250	81280
4	14	4	50	81300	81330
4.5	14	5	50	81350	81380
5	16	5	50	81400	81430
6	19	6	63	81450	81480
7	19	8	63	81500	81530
8	19	8	63	81550	81580
9	22	10	70	81600	81630
10	22	10	70	81650	81680
11	25	11	70	81700	81730
12	25	12	75	81750	81780
14	30	14	88	81800	81830
16	32	16	88	81850	81880
18	36	18	100	81900	81930
20	38	20	100	81950	81980
22	38	22	100	82000	82030
25	38	25	100	82050	82080

Cutting Edge Tolerance +.00 -.05
Shank Tolerance +.000 -.005

Tolerance řezné části +.00 -.05
Tolerance stopky +.000 -.005

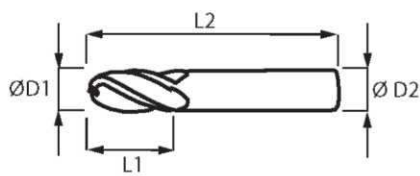
2 Flute Ball End Standard Length Endmills 2 břitá fréza kopírovací krátká

ØD1	L1	ØD2	L2	bez povlaku	povlak TiAlN
1	3	3	38	81005	81035
1.5	5	3	38	81055	81085
2	6	3	38	81105	81135
2.5	7	3	38	81155	81185
3	12	3	38	81205	81235
3.5	12	4	50	81255	81285
4	14	4	50	81305	81335
4.5	14	5	50	81355	81385
5	16	5	50	81405	81435
6	19	6	63	81455	81485
7	19	8	63	81505	81535
8	19	8	63	81555	81585
9	22	10	70	81605	81635
10	22	10	70	81655	81685
11	25	11	70	81705	81735
12	25	12	75	81755	81785
14	30	14	88	81805	81835
16	32	16	88	81855	81885
18	36	18	100	81905	81935
20	38	20	100	81955	81985
22	38	22	100	82005	82035
25	38	25	100	82055	82085



Tolerance řezné části +.00 -.05
Tolerance stopky +.000 -.005

Cutting Edge Tolerance +.00 -.05
Shank Tolerance +.000 -.005



4 Flute Ball End Standard Length Endmills 4 břitá fréza kopírovací krátká

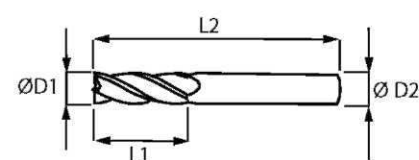
ØD1	L1	ØD2	L2	bez povlaku	povlak TiAlN
1	3	3	38	81004	81034
1.5	5	3	38	81054	81084
2	6	3	38	81104	81134
2.5	7	3	38	81154	81184
3	12	3	38	81204	81234
3.5	12	4	50	81254	81284
4	14	4	50	81304	81334
4.5	14	5	50	81354	81384
5	16	5	50	81404	81434
6	19	6	63	81454	81484
7	19	8	63	81504	81534
8	19	8	63	81554	81584
9	22	10	70	81604	81634
10	22	10	70	81654	81684
11	25	11	70	81704	81734
12	25	12	75	81754	81784
14	30	14	88	81804	81834
16	32	16	88	81854	81884
18	36	18	100	81904	81934
20	38	20	100	81954	81984
22	38	22	100	82004	82034
25	38	25	100	82054	82084

Cutting Edge Tolerance +.00 -.05
Shank Tolerance +.000 -.005

Tolerance řezné části +.00 -.05
Tolerance stopky +.000 -.005

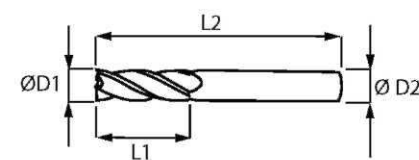
2 Flute Square End Long Length Endmills 2 břitá fréza dlouhá

ØD1	L1	ØD2	L2	bez povlaku	povlak TiAlN
3	25	3	65	83001	83031
4	25	4	65	83051	83081
5	25	5	75	83101	83131
6	25	6	75	83151	83181
8	25	8	75	83201	83231
10	38	10	100	83251	83281
12	50	12	100	83301	83331
14	56	14	125	83351	83381
16	75	16	150	83401	83431
18	75	18	150	83451	83481
20	75	20	150	83501	83531
25	75	25	150	83551	83581



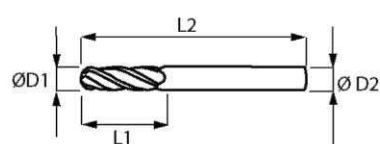
4 Flute Square End Long Length Endmills 4 břitá fréza dlouhá

ØD1	L1	ØD2	L2	bez povlaku	povlak TiAlN
3	25	3	65	83000	83030
4	25	4	65	83050	83080
5	25	5	75	83100	83130
6	25	6	75	83150	83180
8	25	8	75	83200	83230
10	38	10	100	83250	83280
12	50	12	100	83300	83330
14	56	14	125	83350	83380
16	75	16	150	83400	83430
18	75	18	150	83450	83480
20	75	20	150	83500	83530
25	75	25	150	83550	83580



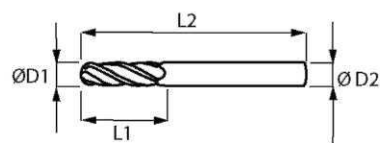
Tolerance řezné části +.00 -.05
Tolerance stopky +.000 -.005

Cutting Edge Tolerance +.00 -.05
Shank Tolerance +.000 -.005



2 Flute Ball End Long Length Endmills 2 břitá fréza kopírovací dlouhá

ØD1	L1	ØD2	L2	bez povlaku	povlak TiAIN
3	25	3	65	83005	83035
4	25	4	65	83055	83085
5	25	5	75	83105	83135
6	25	6	75	83155	83185
8	25	8	75	83205	83235
10	38	10	100	83255	83285
12	50	12	100	83305	83335
14	56	14	125	83355	83385
16	75	16	150	83405	83435
18	75	18	150	83455	83485
20	75	20	150	83505	83535
25	75	25	150	83555	83585



4 Flute Ball End Long Length Endmills 4 břitá fréza kopírovací dlouhá

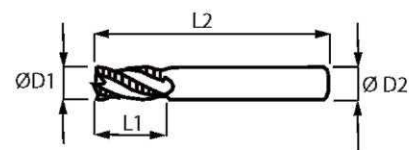
ØD1	L1	ØD2	L2	bez povlaku	povlak TiAIN
3	25	3	65	83004	83034
4	25	4	65	83054	83084
5	25	5	75	83104	83134
6	25	6	75	83154	83184
8	25	8	75	83204	83234
10	38	10	100	83254	83284
12	50	12	100	83304	83334
14	56	14	125	83354	83384
16	75	16	150	83404	83434
18	75	18	150	83454	83484
20	75	20	150	83504	83534
25	75	25	150	83554	83584

Cutting Edge Tolerance +.00 -.05
Shank Tolerance +.000 -.005

Tolerance řezné části +.00 -.05
Tolerance stopky +.000 -.005

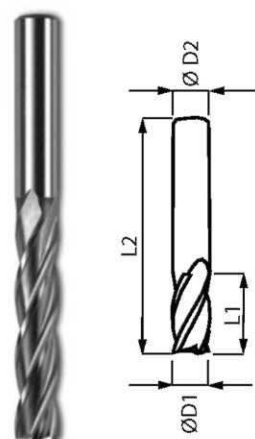
620 Series Medium Pitch Roughers (.062 Pitch) Hrubovací frézy

ØD1	L1	ØD2	L2	No. Of Flutes Počet břitů	EDP# bez povlaku	EDP# povlak TiAlN
6	19	6	63	3	86900	86903
8	19	8	63	3	86904	86907
10	22	10	63	3	86908	86911
12	25	12	75	4	86912	86915
16	32	16	88	4	86916	86919
20	38	20	100	4	86920	86923
25	38	25	100	5	86924	86927



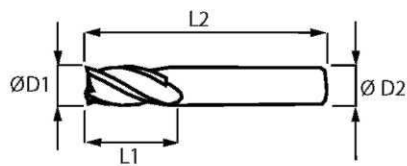
Extra Long Length Square Endmills Extra dlouhé frézy

ØD1	L1	ØD2	L2	4FL SQ 4 břité	2FL SQ 2 břité
6	38	6	100	30 1-1000	300-1000
6	75	6	150	30 1-1002	300-1002
6	75	8	200	30 1-1004	300-1004
8	42	8	100	30 1-1006	300-1006
8	75	8	150	30 1-1008	300-1008
8	75	8	200	30 1-1010	300-1010
8	75	10	200	30 1-1012	300-1012
10	75	10	150	30 1-1014	300-1014
10	75	10	200	30 1-1016	300-1016
12	75	12	150	30 1-1018	300-1018
12	75	12	200	30 1-1020	300-1020
14	62	14	125	30 1-1022	300-1022
14	75	14	150	30 1-1024	300-1024
14	75	16	200	30 1-1026	300-1026
16	75	16	200	30 1-1028	300-1028
18	75	18	200	30 1-1030	300-1030
20	75	20	200	30 1-1032	300-1032



Tolerance řezné části +.00 -.05
Tolerance stopky +.000 -.005

Cutting Edge Tolerance +.00 -.05
Shank Tolerance +.000 -.005



6 Flute Endmills 6 břitá fréza krátká

ØD1	L1	ØD2	L2	bez povlaku	povlak TiAlN
3	12	3	38	81202	81232
4	14	4	50	81302	81332
5	16	5	50	81402	81432
6	19	6	63	81452	81482
7	19	8	63	81502	81532
8	21	8	63	81552	81582
9	22	10	70	81602	81632
10	25	10	70	81652	81682
11	25	11	70	81702	81732
12	25	12	75	81752	81782
14	30	14	88	81802	81832
16	32	16	88	81852	81882
18	35	18	100	81902	81932
20	38	20	100	81952	81982
22	38	22	100	82002	82032
25	38	25	100	82052	82082

Cutting Edge Tolerance +.00 -.05
Shank Tolerance +.000 -.005

Tolerance řezné části +.00 -.05
Tolerance stopky +.000 -.005

Příklad objednávky:

4 břitá fréza krátká ø 3,5 mm, délka šroubovice 12 mm,
celková délka 50 mm, povlak TiAlN

Objednací číslo - 81 280