

DATRON Ball Nose End Mill, External Radius End Mill, Slotting Mill and Dovetail Milling Tool

For 3D machining, DATRON offers ball nose end mills with toric cut, micro milling tools, as well as a milling tool for machining Steel. With the solid carbide outer radius milling tool, you can produce high-quality visible surfaces.



Gold

Silver

Steel

Copper

Brass

Plastic

Aluminium

DATRON Ball Nose End Mill, Double Flute

Aluminium	Plastic
Brass	Copper
Gold	
2 flutes	Micro Grain
	
DIN 6535 Form HA	



- Micrograin solid carbide end mill
- with two flutes
- 30° upcut spiral
- centre cut
- shank without clamping surface DIN 6535-HA

Art. No.	D1 (mm)	D2 (mm)	L1 (mm)	L2 (mm)	CT	R (mm)	DG
00684003	0.3	3.0	40.0	0.5		0.15	2
00684004	0.4	3.0	40.0	1.2	x	0.2	2
00684005	0.5	3.0	40.0	0.8		0.25	2
00684010	0.5	3.0	40.0	1.5	x	0.25	2
00684006	0.6	3.0	40.0	1.8	x	0.3	2
00684007	0.7	3.0	40.0	2.1		0.35	2
00684008	0.8	3.0	40.0	2.4	x	0.4	2
0068400	1.0	3.0	40.0	3.0		0.50	2
00684015	1.5	3.0	40.0	3.0	x	0.75	2
0068402	2.0	3.0	40.0	4.0	x	1.0	2
00684025	2.5	3.0	40.0	5.0	x	1.25	2
0068401	3.0	3.0	40.0	6.0	x	1.5	2
0068403	3.0	6.0	50.0	4.0		1.5	2
0068404	4.0	6.0	50.0	5.0		2.0	2
0068405	5.0	6.0	50.0	8.0		2.5	2
0068406	6.0	6.0	50.0	10.0		3.0	2
0068408	8.0	8.0	50.0	12.0		4.0	2

DG = Discount Group CT = Alcrona Coating

DATRON Ball Nose End Mill, Four Flutes, Short Version

- Micrograin solid carbide end mill
- with four flutes
- 30° upcut spiral
- centre cut, full radius
- shank with clamping surface DIN 6535-HB



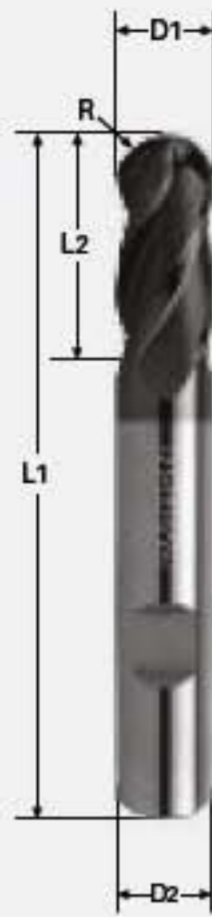
Alu- minium	Steel < 1900 N/mm
Brass	Copper
4 flutes	Micro Grain
30°	
DIN 6535 Form HB	

Art. No.	D1 (mm)	D2 (mm)	L1 (mm)	L2 (mm)	CT	R (mm)	DG
0078542	2.0	6.0	57.0	6.0	x	1.0	2
0078543	3.0	6.0	57.0	8.0	x	1.5	2
0078544	4.0	6.0	57.0	11.0	x	2.0	2
0078545	5.0	6.0	57.0	13.0	x	2.5	2
0078546	6.0	6.0	57.0	13.0	x	3.0	2
0078548	8.0	8.0	63.0	19.0	x	4.0	2
0078550	10.0	10.0	72.0	22.0	x	5.0	2
0078552	12.0	12.0	83.0	26.0	x	6.0	2
0078554	14.0	14.0	83.0	26.0	x	7.0	2
0078556	16.0	16.0	92.0	32.0	x	8.0	2
0078558	18.0	18.0	92.0	32.0	x	9.0	2
0078560	20.0	20.0	104.0	38.0	x	10.0	2

DG = Discount Group CT = Alcrona Coating

DATRON Ball Nose End Mill, Four Flutes, Long Version

Aluminium	Steel ≤ 1300 N/mm
Brass	Copper
4 flutes	Micro Grain
 30°	
DIN 6535 Form HB	



- Micrograin solid carbide end mill
- with four flutes
- 30° upcut spiral
- centre cut, full radius
- shank with clamping surface DIN 6535-HB

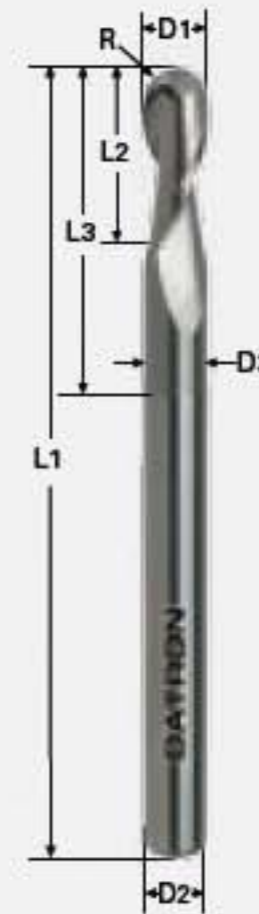
Art. No.	D1 (mm)	D2 (mm)	L1 (mm)	L2 (mm)	CT	R (mm)	DG
0078543A	3.0	6.0	57.0	20.0	x	1.5	2
0078544A	4.0	6.0	57.0	20.0	x	2.0	2
0078545A	5.0	6.0	75.0	30.0	x	2.5	2
0078546A	6.0	6.0	75.0	30.0	x	3.0	2
0078548A	8.0	8.0	75.0	30.0	x	4.0	2
0078550A	10.0	10.0	75.0	30.0	x	5.0	2
0078552A	12.0	12.0	100.0	45.0	x	6.0	2
0078554A	14.0	14.0	100.0	45.0	x	7.0	2
0078556A	16.0	16.0	100.0	45.0	x	8.0	2
0078558A	18.0	18.0	100.0	45.0	x	9.0	2
0078560A	20.0	20.0	100.0	45.0	x	10.0	2

DG = Discount Group CT = Alcrona Coating

DATRON Ball Nose End Mill, Two Flutes with Toric Cut

- Micrograin solid carbide end mill
- with two flutes
- 30° upcut spiral
- centre cut
- toric cut
- shank without clamping surface DIN 6535-HA

Thanks to the toric cut of the shaft the work piece can be machined more deeply.



Alu- minium	Plastic
Brass	Copper
Gold	
2 flutes	Micro Grain
30°	
DIN 6535 Form HA	

Art. No.	D1 (mm)	D2 (mm)	D3 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	R (mm)	DG
0078502	2.0	6.0	1.8	75.0	5.0	20.0	1.0	2
0078503	3.0	6.0	2.8	75.0	6.0	20.0	1.5	2
0078504	4.0	6.0	3.8	75.0	8.0	20.0	2.0	2
0078505	5.0	6.0	4.8	100.0	20.0	40.0	2.5	2
0078506	6.0	6.0	5.8	100.0	20.0	40.0	3.0	2
0078508	8.0	8.0	7.8	100.0	20.0	40.0	4.0	2
0078510	10.0	10.0	9.8	100.0	20.0	40.0	5.0	2
0078510A	10.0	10.0	9.8	150.0	20.0	60.0	5.0	2
0078512	12.0	12.0	11.7	100.0	20.0	40.0	6.0	2
0078512A	12.0	12.0	11.7	150.0	20.0	60.0	6.0	2
0078516	16.0	16.0	15.7	150.0	30.0	70.0	8.0	2
0078518	18.0	18.0	17.7	150.0	30.0	70.0	9.0	2
0078520	20.0	20.0	19.7	150.0	30.0	80.0	10.0	2

DG = Discount Group

DATRON Micro Ball Nose End Mill with Toric Cut

Aluminium	Plastic
Brass	Copper
Gold	
2 flutes	Micro Grain
	
DIN 6535 Form HA	



- Micrograin solid carbide end mill
- with two flutes
- 30° upcut spiral
- centre cut
- toric cut
- shank without clamping surface DIN 6535-HA

Thanks to the toric cut of the shaft the work piece can be machined more deeply.

Art. No.	D1 (mm)	D2 (mm)	D3 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	R (mm)	DG
00782004	0.4	3.0	0.35	40.0	0.60	2	0.2	2
00782005	0.5	3.0	0.45	40.0	0.75	4	0.25	2
00782006	0.6	3.0	0.55	40.0	0.90	4	0.3	2
00782008	0.8	3.0	0.75	40.0	1.20	6	0.4	2
00782010	1.0	3.0	0.95	40.0	1.50	6	0.5	2
00782011	1.0	3.0	0.95	40.0	1.50	9	0.5	2
00782012	1.2	3.0	1.15	40.0	1.80	9	0.6	2
00782015	1.5	3.0	1.45	40.0	2.20	9	0.75	2
00782020	2.0	3.0	1.95	40.0	3.0	12	1.0	2

DG = Discount Group

DATRON External Radius End Mill

- Micrograin solid carbide external radius end mill
- with two flutes or up to four flutes
- with specially cut edges for the machining of external edges
- shank without clamping surface DIN 6535-HA

This end mill is specially designed for the optimum machining of external radii.



Alu-minium	Plastic
Brass	Copper
Gold	
2/4 flutes	Micro Grain
	DIN 6535 Form HA

Art. No.	D1 (mm)	D2 (mm)	L1 (mm)	R (mm)	F	DG
0068410	5.0	6.0	50.0	0.5	2	2
0068411	4.0	6.0	50.0	1.0	2	2
00684115	3.0	6.0	50.0	1.5	2	2
0068412	2.0	6.0	50.0	2.0	2	2
00684125	3.0	6.0	50.0	2.5	4	2
0068413	4.0	6.0	50.0	3.0	4	2
00684135	4.0	6.0	50.0	3.5	4	2
0068414	4.0	6.0	50.0	4.0	4	2
00684145	3.0	6.0	50.0	4.5	4	2
0068415	3.0	6.0	50.0	5.0	4	2
0068416	4.0	6.0	50.0	6.0	4	2

DG = Discount Group F = Number fo Flutes

DATRON T-Slotting Mill

Aluminium	Plastic
Plastic	Copper
Gold	
2/6 flutes	Micro Grain
	DIN 6535 Form HA
	



- Micrograin solid carbide T-slotting mill
- with two flutes or up to six flutes
- shank without clamping surface DIN 6535-HA

Art. No.	D1 (mm)	D2 (mm)	D3 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	F	DG
0068425	3.0	3.0	1.6	40.0	0.8	6.0	2	2
0068424D	6.0	6.0	3.0	50.0	2.8	8.0	4	2
0068424L	8.0	6.0	3.5	50.0	0.7	6.0	4	2
0068424K	8.0	6.0	3.5	50.0	1.0	6.0	4	2
0068424	8.0	6.0	3.5	50.0	1.3	6.0	4	2
0068424S	8.0	6.0	3.5	50.0	4.5	9.0	4	2
0068424A	8.0	8.0	3.5	50.0	1.3	6.0	4	2
0068423	10.0	6.0	4.0	50.0	2.0	12.0	4	2
0068426	15.0	6.0	6.0	50.0	3.0	25.0	4	2

DG = Discount Group F = Number of Flutes

DATRON Dovetail Milling Tool

- Micrograin solid carbide end mill
- with two flutes
- shank without clamping surface DIN 6535-HA

The double-edged special milling tools are excellently suited for producing dovetail grooves and rear-side deburring or chamfering of the bottom sides of work pieces. This minimises reclamping operations and reduces production times.



Alu- minium	Plastic
Brass	Copper
Gold	
2 flutes	Micro Grain
	DIN 6535 Form HA

Art. No.	D1 (mm)	D2 (mm)	D3 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	α Degree	DG
0068290	3.0	3.0	2.0	40.0	6.0	6.0	5	2
0068783	3.0	3.0	2.0	40.0	0.87	6.0	30	2
0068783A	3.0	3.0	2.0	40.0	0.5	6.0	45	2
0068783B	3.0	3.0	2.0	40.0	0.29	6.0	60	2
0068690	3.175	3.175	2.0	40.0	6.0	6.0	5	2
0068784	4.0	6.0	2.0	50.0	1.73	6.0	30	2
0068784A	4.0	6.0	2.0	50.0	1.0	6.0	45	2
0068784B	4.0	6.0	2.0	50.0	0.58	6.0	60	2
0068785	5.0	6.0	2.5	50.0	2.17	6.0	30	2
0068785A	5.0	6.0	2.5	50.0	1.25	6.0	45	2
0068785B	5.0	6.0	2.5	50.0	0.72	6.0	60	2
0068291	6.0	6.0	5.0	50.0	6.0	6.0	5	2
0068786	6.0	6.0	3.0	50.0	2.6	6.0	30	2
0068786A	6.0	6.0	3.0	50.0	1.5	6.0	45	2
0068786B	6.0	6.0	3.0	50.0	0.87	6.0	60	2

DG = Discount Group