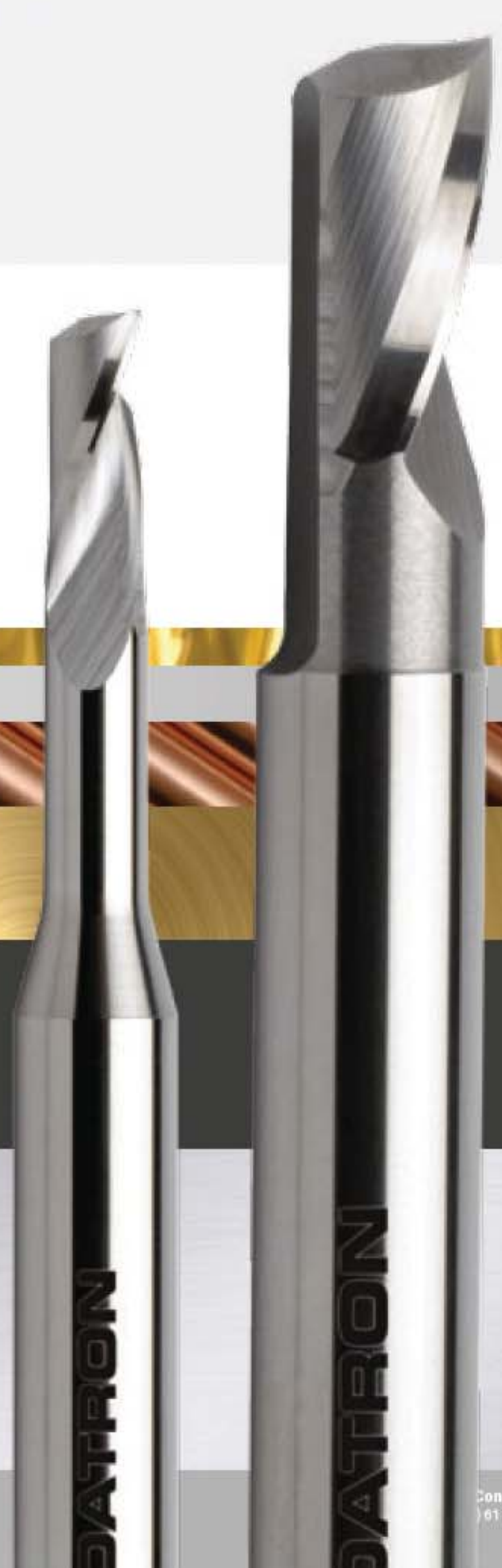


# DATRON Single Flute End Mill

These tools are available with various cutting lengths and shank diameters. The balanced single flute end mill – an exclusive DATRON product. Powerful, economical and patent pending.



Gold

Silver

Copper

Brass

Plastic

Aluminium

# DATRON Single Flute End Mill

Alu- minium	Plastic
Brass	Copper
Gold	
1 flute	Micro Grain
	
DIN 6535 Form HA	



- Micrograin solid carbide end mill
- with single flute and flat bottom
- 30° upcut spiral
- shank without clamping surface DIN 6535-HA

This specially-cut end mill is designed for very fast feed rates and very high chip removal capacity.

Art. No.	D1 (mm)	D2 (mm)	L1 (mm)	L2 (mm)	CT	DG
0068003E	0.3	3.0	40.0	1.0		2
0068004E	0.4	3.0	40.0	1.0		1
0068005E	0.5	3.0	40.0	1.5		1
0068006E	0.6	3.0	40.0	2.5		1
0068606E	0.6	3.175	40.0	2.5		1
0068008E	0.8	3.0	40.0	3.0		1
0068608E	0.8	3.175	40.0	3.0		1
0068010E	1.0	3.0	40.0	4.0		1
0068610E	1.0	3.175	40.0	3.0		1
0068410E	1.0	6.0	50.0	4.0		2
0068612E	1.2	3.175	40.0	4.0		1
0068015E	1.5	3.0	40.0	5.0		1
0068615E	1.5	3.175	40.0	4.0		1
0068415Y	1.5	4.0	40.0	5.0		2
0068415E	1.5	6.0	50.0	7.0		2
0068415A	1.5	6.0	50.0	3.0		2
0078415E	1.5	6.0	58.0	7.0		2
0068016E	1.6	3.0	38.0	5.0		1
0068020G	2.0	3.0	40.0	6.0		2
0068020E	2.0	3.0	40.0	8.0		1
0068020L	2.0	3.0	40.0	10.0		1

Art. No.	D1 (mm)	D2 (mm)	L1 (mm)	L2 (mm)	CT	DG
0068620G	2.0	3.175	40.0	5.0		1
0068620E	2.0	3.175	40.0	8.0		1
0068620F	2.0	3.175	40.0	11.5		1
0068432Y	2.0	4.0	40.0	8.0		2
0068432A	2.0	6.0	50.0	5.0		2
0068432E	2.0	6.0	50.0	7.0		2
0068932E	2.0	6.0	50.0	7.0	x	2
0068432L	2.0	6.0	50.0	12.0		2
0078420E	2.0	6.0	58.0	7.0		2
0068024E	2.4	3.0	40.0	8.0		1
0068624E	2.4	3.175	40.0	8.0		1
0068024L	2.4	3.0	40.0	10.0		2
0078424E	2.4	6.0	50.0	8.0		2
0068425A	2.5	6.0	50.0	5.0		2
0078425E	2.5	6.0	58.0	8.0		2
0068030E	3.0	3.0	40.0	10.0		1
0068030Y	3.0	3.0	65.0	10.0		2
0068630E	3.0	3.175	40.0	9.0		1
0068630F	3.0	3.175	40.0	11.5		1
0068430Y	3.0	4.0	40.0	10.0		2
0068430A	3.0	6.0	50.0	5.0		2

DG = Discount Group    CT = Alcrona Coating

# DATRON Single Flute End Mill

- Micrograin solid carbide end mill
- with single flute and flat bottom
- 30° upcut spiral
- shank without clamping surface DIN 6535-HA

This specially-cut end mill is designed for very fast feed rates and very high chip removal capacity.



Aluminium	Plastic
Brass	Copper
Gold	
1 flute	Micro Grain
DIN 6535 Form HA	

Art. No.	D1 (mm)	D2 (mm)	L1 (mm)	L2 (mm)	CT	DG
0068430E	3.0	6.0	50.0	8.0		2
0068930E	3.0	6.0	50.0	8.0	x	2
0068430S	3.0	6.0	50.0	10.0		2
0068930S	3.0	6.0	50.0	10.0	x	2
0068430L	3.0	6.0	50.0	12.0		2
0068930L	3.0	6.0	50.0	12.0	x	2
0078430E	3.0	6.0	58.0	8.0		2
0078430S	3.0	6.0	58.0	10.0		2
0078435E	3.5	6.0	58.0	10.0		2
0068434Y	4.0	4.0	40.0	10.0		2
0068434Z	4.0	6.0	45.0	14.0		2
0068434A	4.0	6.0	50.0	5.0		2
0068434B	4.0	6.0	50.0	7.0		2
0068434E	4.0	6.0	50.0	10.0		2
0068934E	4.0	6.0	50.0	10.0	x	2
0068434L	4.0	6.0	50.0	12.0		2
0068934S	4.0	6.0	50.0	14.0		2
0078440E	4.0	6.0	58.0	10.0		2
0078440L	4.0	6.0	58.0	18.0		2
0068934L	4.0	6.0	58.0	20.0	x	2
0068434S	4.0	6.0	60.0	14.0		2

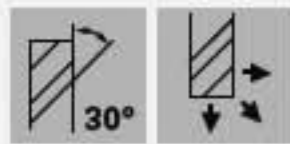
Art. No.	D1 (mm)	D2 (mm)	L1 (mm)	L2 (mm)	CT	DG
0068435B	5.0	6.0	50.0	8.0		2
0068435E	5.0	6.0	50.0	12.0		2
0068935E	5.0	6.0	50.0	12.0	x	2
0068435L	5.0	6.0	60.0	22.0		2
0068935L	5.0	6.0	60.0	22.0	x	2
0068460C	6.0	6.0	50.0	8.0		2
0068460E	6.0	6.0	50.0	14.0		2
0068960E	6.0	6.0	50.0	14.0	x	2
0068460L	6.0	6.0	60.0	20.0		2
0068960L	6.0	6.0	60.0	20.0	x	2
0068460A	6.0	6.0	60.0	25.0		2
0068460B	6.0	6.0	65.0	30.0		2
0068079E	7.0	8.0	60.0	14.0		2
0068080E	8.0	8.0	60.0	14.0		2
0068080L	8.0	8.0	60.0	20.0		2
0068080A	8.0	8.0	60.0	25.0		2
0068080B	8.0	8.0	80.0	32.0		2
0068470E	10.0	10.0	60.0	20.0		2
0068470L	10.0	10.0	100.0	40.0		2

DG = Discount Group CT = Alcrona Coating

# DATRON Single Flute End Mill with Polished Cutting Edge

Plastic

1 flute  
Micro Grain



DIN 6535  
Form HA



- Micrograin solid carbide end mill
- with single flute and flat bottom
- 30° upcut spiral
- shank without clamping surface DIN 6535-HA

For this tool, optimised for plastic machining, in addition to the additional polish-grinding, the cutting geometry was also reworked, the cutting angles are now designed much sharper. Compared to universal single-flutes, this leads to a considerably more sharp cutting edge. With this, top-quality surface results can be realised on plastic contours.

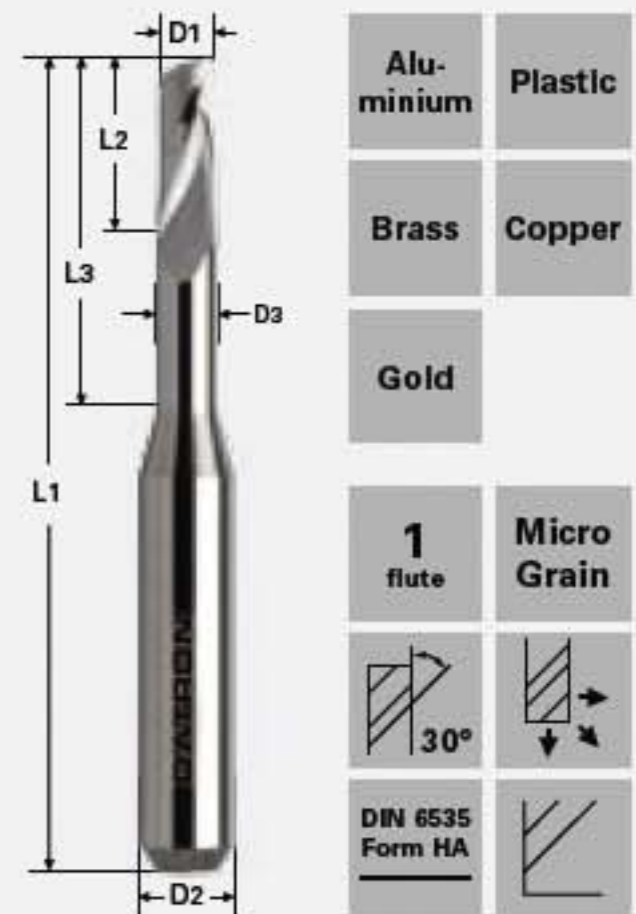
Art. No.	D1 (mm)	D2 (mm)	L1 (mm)	L2 (mm)	DG DG
0078320E	2.0	6.0	50.0	7.0	2
0078330E	3.0	6.0	50.0	8.0	2
0078334E	4.0	6.0	50.0	10.0	2
0078335E	5.0	6.0	50.0	12.0	2
0078360E	6.0	6.0	50.0	14.0	2

DG = Discount Group

# DATRON Single Flute End Mill with Toric Cut

- Micrograin solid carbide end mill
- with single flute and flat bottom
- 30° upcut spiral
- shank without clamping surface DIN 6535-HA
- toric cut

With this specially ground milling tool, you can perform particularly deep milling work with high feed rates in the material. The large chip groove allows optimal chip removal.



Art. No.	D1 (mm)	D2 (mm)	D3 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	DG
0068492K	2.0	6.0	1.8	50.0	4.0	12.00	2
0068492E	2.0	6.0	1.8	50.0	7.0	12.00	2
0068493K	3.0	6.0	2.8	50.0	4.0	14.00	2
0068493E	3.0	6.0	2.8	50.0	8.0	14.00	2
0068493D	3.0	6.0	2.8	50.0	4.0	17.00	2
0068493S	3.0	6.0	2.8	50.0	8.0	17.00	2
0068493F	3.0	6.0	2.8	50.0	4.0	21.00	2
0068493L	3.0	6.0	2.8	50.0	8.0	21.00	2
0068494K	4.0	6.0	3.8	50.0	5.0	18.00	2
0068494E	4.0	6.0	3.8	50.0	10.0	18.00	2
0068494D	4.0	6.0	3.8	50.0	5.0	21.00	2
0068494S	4.0	6.0	3.8	50.0	10.0	21.00	2
0068495K	5.0	6.0	4.8	60.0	5.0	22.00	2
0068495E	5.0	6.0	4.8	50.0	12.0	22.00	2
0068496K	6.0	6.0	5.8	60.0	5.0	24.00	2
0068496E	6.0	6.0	5.8	50.0	14.0	24.00	2
0068496F	6.0	6.0	5.8	60.0	5.0	30.00	2
0068496L	6.0	6.0	5.8	60.0	14.0	30.00	2

DG = Discount Group

# DATRON Single Flute End Mill, Specially Balanced

Aluminium	Plastic
Brass	Copper
Gold	
1 flute	Micro Grain
	
DIN 6535 Form HA	



- Micrograin solid carbide end mill
- with single flute and flat bottom
- 30° upcut spiral
- shank without clamping surface DIN 6535-HA
- specially balanced
- toric cut

This balanced specially balanced end mill is designed for high revolutions, very fast feed rates and has a very high chip removal capacity.

Art. No.	D1 (mm)	D2 (mm)	D3 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	DG
0068085E	5.0	6.0	4.8	50.0	8.0	13.0	2
0068085S	5.0	8.0	4.8	50.0	8.0	13.0	2
0068086E	6.0	6.0	5.5	50.0	10.0	16.0	2
0068086S	6.0	8.0	5.5	50.0	10.0	16.0	2
0068086L	6.0	6.0	5.5	50.0	16.0	23.0	2
0068086X	6.0	6.0	5.5	55.0	21.0	27.0	2
0068088K	8.0	8.0	7.4	50.0	8.0	12.0	2
0068088E	8.0	8.0	7.4	60.0	14.0	22.0	2
0068088S	8.0	8.0	7.4	60.0	21.0	31.0	2
0068088L	8.0	8.0	7.4	60.0	26.0	34.0	2
0068080D	8.0	8.0	7.4	70.0	13.0	42.0	2
0068088X	8.0	8.0	7.4	70.0	31.0	42.0	2
0068090K	10.0	10.0	9.2	50.0	10.0	15.0	2
0068090E	10.0	10.0	9.2	60.0	17.0	27.0	2
0068090L	10.0	10.0	9.2	60.0	26.0	33.0	2
0068090X	10.0	10.0	9.2	70.0	32.0	42.0	2
0068090S	10.0	10.0	9.2	80.0	17.0	52.0	2

DG = Discount Group

# DATRON Single Flute End Mill with Ball Nose

- Micrograin solid carbide end mill
- with single flute and radius bottom
- 30° upcut spiral
- shank without clamping surface DIN 6535-HA

With this specially ground milling tool, with a small flute and ball nose end very outstanding results can be performed with high feed rates in the material. The large chip groove allows for optimal chip removal and an excellent surface finish.



Alu- minium	Plastic
Brass	Copper
Gold	
1 flute	Micro Grain
 30°	
DIN 6535 Form HA	

Art. No.	D1 (mm)	D2 (mm)	R (mm)	L1 (mm)	L2 (mm)	DG
0068172E	2.0	6.0	1.0	50.0	7.0	2
0068173E	3.0	6.0	1.5	50.0	8.0	2
0068174E	4.0	6.0	2.0	50.0	10.0	2
0068175E	5.0	6.0	2.5	50.0	12.0	2
0068176E	6.0	6.0	3.0	50.0	14.0	2
0068178E	8.0	8.0	4.0	60.0	14.0	2
0068179E	10.0	10.0	5.0	60.0	20.0	2

DG = Discount Group

# DATRON Single Flute End Mill, Left Hand Spiral, Right Hand Cutting

Alu- minium	Plastic
Brass	Copper
Gold	
1 flute	Micro Grain
 30°	
DIN 6535 Form HA	



- Micrograin solid carbide end mill
- with single flute and flat bottom
- 30° Downcut spiral
- shank without clamping surface DIN 6535-HA

Due to the downcut spiral, the cutting pressure during milling is exerted downward, preventing especially delicate work pieces from being lifted.

Art. No.	D1 (mm)	D2 (mm)	L1 (mm)	L2 (mm)	DG
0068471E	1.5	6.0	50.0	7.0	2
0068472E	2.0	6.0	50.0	7.0	2
0068473E	3.0	6.0	50.0	8.0	2
0068474E	4.0	6.0	50.0	10.0	2
0068475E	5.0	6.0	50.0	12.0	2
0068476E	6.0	6.0	50.0	14.0	2
0068476L	6.0	6.0	60.0	20.0	2

DG = Discount Group