

DATRON Standard Engraving Tool, Countersink Tool, and Cutting Diamond

Engraving, deburring and chamfering. Now the DATRON engraving tool is also available as a balanced model and for steel machining.



Gold
Silver
Steel
Copper
Brass
Plastic
Aluminium

DATRON Standard Engraving Tool

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



- Micrograin solid carbide engraving tool
- with single flute
- conic tool tip
- shank without clamping surface DIN 6535-HA

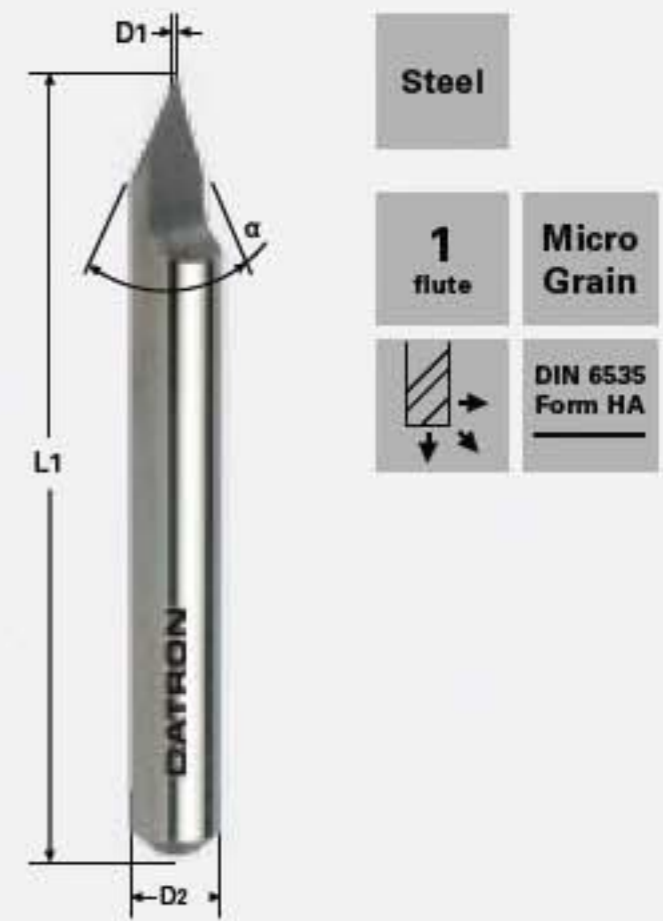
Art. No.	D1 (mm)	D2 (mm)	L1 (mm)	α Degree	DG
0068279	0.1	3.0	40.0	20	1
0068679	0.1	3.175	40.0	20	1
0068270	0.1	4.0	40.0	20	1
0068279A	0.1	3.0	40.0	30	1
0068679A	0.1	3.175	40.0	30	1
0068273	0.1	4.0	40.0	30	1
0068283	0.1	6.0	50.0	30	1
0068279B	0.2	3.0	40.0	30	1
0068283D	0.2	6.0	50.0	30	1
0068283E	0.3	6.0	50.0	30	1
0068283F	0.4	6.0	50.0	30	1
0068283G	0.6	6.0	50.0	30	1
0068280	0.1	3.0	40.0	40	1
0068680	0.1	3.175	40.0	40	1
0068274	0.1	4.0	40.0	40	1
0068280B	0.2	3.0	40.0	40	1
0068280A	0.1	3.0	40.0	45	1
0068285	0.1	6.0	50.0	50	1
0068281	0.1	3.0	40.0	60	1

Art. No.	D1 (mm)	D2 (mm)	L1 (mm)	α Degree	DG
0068681	0.1	3.175	40.0	60	1
0068276	0.1	4.0	40.0	60	1
0068285A	0.1	6.0	50.0	60	1
0068281A	0.2	3.0	40.0	60	1
0068285D	0.2	6.0	50.0	60	1
0068285E	0.3	6.0	50.0	60	1
0068285F	0.4	6.0	50.0	60	1
0068282	0.1	3.0	40.0	90	1
0068682	0.1	3.175	40.0	90	1
0068277	0.1	4.0	40.0	90	1
0068286	0.1	6.0	50.0	90	1
0068286G*	0.1	6.0	50.0	90	2
0068287	0.1	6.0	50.0	120	2
0068284	3.0	3.0	40.0	180	2
0068288	6.0	6.0	50.0	180	2
0068293	Regrind service	3.0	40.0		
0068296	Regrind service	6.0	50.0		
0068298	Diamond hand lap				

DG = Discount Group * with balanced tool tip

DATRON Standard Engraving Tool for Steel engraving

- Micrograin solid carbide engraving tool
- with single flute
- shank without clamping surface DIN 6535-HA
- For Steel engraving



Art. No.	D1 (mm)	D2 (mm)	L1 (mm)	α Degree	DG
0068510	0.1	6.0	50.0	20	2
0068511	0.1	6.0	50.0	30	2
0068512	0.1	6.0	50.0	40	2
0068513	0.1	6.0	50.0	60	2
0068514	0.1	6.0	50.0	90	2
0068510A	0.2	6.0	50.0	20	2
0068511A	0.2	6.0	50.0	30	2
0068512A	0.2	6.0	50.0	40	2
0068513A	0.2	6.0	50.0	60	2
0068514A	0.2	6.0	50.0	90	2

DG = Discount Group

DATRON Countersink Tool

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



- Micrograin solid carbide countersink tool
- with two flutes or up to four flutes
- centre cut
- shank without clamping surface DIN 6535-HA

Art. No.	D1 (mm)	D2 (mm)	L1 (mm)	L2 (mm)	α Degree	F	DG
0068478A	3.0	3.0	40.0	2.5	60	2	2
0068478	3.0	3.0	40.0	1.5	90	2	2
0068479B	6.0	6.0	50.0	3.0	40	3	2
0068480B	6.0	6.0	50.0	5.1	60	3	2
0068479C	6.0	6.0	50.0	3.2	70	3	2
0068479	6.0	6.0	50.0	3.0	90	3	2
0068479A	6.0	6.0	50.0	1.7	120	3	2
0068479D	6.0	6.0	50.0	2.8	140	3	2
0068480	8.0	6.0	50.0	4.0	90	3	2
0068480A	8.0	6.0	50.0	2.3	120	3	2
0068480C	8.0	6.0	50.0	3.3	100	3	2
0068483	10.0	6.0	50.0	5.0	90	3	2
0068483B	10.0	10.0	50.0	5.0	90	3	2
0068483A	10.0	6.0	50.0	2.8	120	3	2
0068483E	12.0	6.0	50.0	8.0	120	4	2
0068483D	12.0	8.0	50.0	4.0	90	4	2
0068483H	14.0	8.0	50.0	7.0	90	4	2

DG = Discount Group F = Number of Flutes

DATRON Milling Countersink Tool

- Micrograin solid carbide countersink tool
- with single flute
- centre cut
- shank without clamping surface DIN 6535-HA

This combination tool has a cylindrical milling range, as well as a conical countersink part. The groove and chamfer can be realized in only one work step. This way, the tool change can be omitted, which reduces the production time.



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

DATRON Milling Countersink Tool

Art.-Nr.	D1 (mm)	D2 (mm)	L1 (mm)	L2 (mm)	α Degree	DG
0068772	2.0	6.0	50.0	1.9	90	2
0068772A	2.0	6.0	50.0	2.9	90	2
0068772B	2.0	6.0	40.0	5.0	90	2
0068773	3.0	6.0	50.0	2.9	90	2
0068773A	3.0	6.0	50.0	3.9	90	2
0068773B	3.0	6.0	50.0	5.0	90	2
0068774	4.0	6.0	50.0	2.9	90	2
0068774A	4.0	6.0	50.0	3.9	90	2

DG = Discount Group

DATRON Cutting Diamond

Aluminium	Plastic
Brass	Copper
Gold	



Spring-mounted cutting diamond for jewellery engraving, suitable for metals such as Gold, Silver, Brass, Tin, Aluminium (e. g. colour-anodised).

For engraving work pieces with a curved surface, a sharp angle of 90 degrees should be selected. Otherwise, a sharp angle of 120 degrees is recommended (higher tool life)
Shank: 6 mm, Length: 58 mm

Art. No.	Article Description	L1 (mm)	D2 (mm)	α Degree
0068501	Cutting Diamond, spring-mounted 90	60	6.0	90
0068502	Cutting Diamond, spring-mounted 120	60	6.0	120