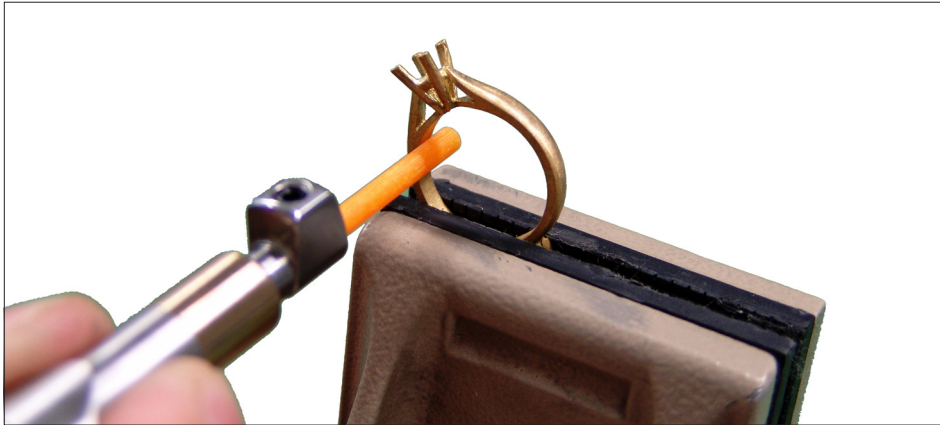


Polishing and Finishing Equipment for Jewellers and Goldsmiths



Dipromini-set Large

Set containing 1 pc of Dipromini polishing/filing machine with optional stroke length 0.5, 1.0 or 1.5 mm, suitable micro-motor type HPM-B1, power unit type DPU-3 and rotary handpiece type C-HPM-B1.

Specification	Item. No.
Dipromini-machine with 0,5 mm stroke length, micro-motor type HPM-B1, power unit type DPU-3 and rotary handpiece type C-HPM-B1.	FMR-SET-5L
Dipromini-machine with 1,0 mm stroke length, micro-motor type HPM-B1, power unit type DPU-3 and rotary handpiece type C-HPM-B1.	FMR-SET-10L
Dipromini-machine with 1,5 mm stroke length, micro-motor type HPM-B1, power unit type DPU-3 and rotary handpiece type C-HPM-B1.	FMR-SET-15L



Dipromini-set Small

Set containing 1 pc of Dipromini polishing/filing machine with optional stroke length 0.5, 1.0 or 1.5 mm, suitable micro-motor type HPM-B1 and power unit type DPU-3.

Specification	Item. No.
Dipromini-machine with 0,5 mm stroke length, micro-motor type HPM-B1 and power unit type DPU-3.	FMR-SET-5S
Dipromini-machine with 1,0 mm stroke length, micro-motor type HPM-B1 and power unit type DPU-3.	FMR-SET-10S
Dipromini-machine with 1,5 mm stroke length, micro-motor type HPM-B1 and power unit type DPU-3.	FMR-SET-15S



Set of Rotary Handpiece and Power Unit

A basic and affordable set consisting of power unit type DPU-3 and rotary handpiece type C-HPM-B1.

Specification	Item. No.
Power unit type DPU-3 and rotary handpiece type C-HPM-B1.	DPU-SET-S



Dipromini - Polishing/Filing Machine with Flexible-shaft Connection



Dipromini polishing/filing machine with flexible-shaft connection. Designed for work on small surfaces and in narrow and confined spaces. Available with 0,5 mm (**FMR/S5**), 1,0 mm (**FMR/S10**) or 1,5 mm (**FMR/S15**) stroke length.

Stroke length	Item. No.
0,5 mm	FMR/S5
1,0 mm	FMR/S10
1,5 mm	FMR/S15

Technical data

Tool-holder:	Ø 3,6 mm
Stroke length:	0,5, 1,0 or 1,5 mm
Speed:	max 12.000 rpm, rec.: 5.000 - 11.000 rpm
Dimensions:	L130 x Ø24 mm
Weight:	approx. 120 g
Noise:	< 70 dB(A) at 9.000 rpm
Vibrations:	stroke 0,5 mm: <2,5 m/s ² , stroke 1,0 mm: 1,5 - 3 m/s ² , stroke 1,5 mm: 1,5 - 4 m/s ²

Frequency weighed hand/arm vibration principally in accordance with ISO 28927-8.

For further details, see diagram and other information in the corresponding operation guide.

Dipomini - Polishing/Filing Machine with Connection for Micro-motor type HPM-B1



Dipomini polishing/filing machine with connection for Diprofil micro-motor type HPM-B1. Designed for work on small surfaces and in narrow and confined spaces. Available with 0,5 mm (**FMR/D5**), 1,0 mm (**FMR/D10**) or 1,5 mm (**FMR/D15**) stroke length.

Stroke length	Item. No.
0,5 mm	FMR/D5
1,0 mm	FMR/D10
1,5 mm	FMR/D15

Technical data

Tool-holder:	Ø 3,6 mm
Stroke length:	0,5, 1,0 or 1,5 mm
Speed:	max 12.000 rpm, rec.: 5.000 - 11.000 rpm
Dimensions:	L98 x Ø24 mm
Weight:	approx. 120 g
Noise:	< 70 dB(A) at 9.000 rpm
Vibrations:	stroke 0,5 mm: <2,5 m/s ² , stroke 1,0 mm: 1,5 - 3 m/s ² , stroke 1,5 mm: 1,5 - 4 m/s ²

Frequency weighed hand/arm vibration principally in accordance with ISO 28927-8.

For further details, see diagram and other information in the corresponding operation guide.

Micro-motor - HPM-B1



DC micro-motor adapted for Dipromini polishing/filing machines type FMR/D, FMV/D and rotary handpiece type C-HPM-B1. To be used together with power unit type DPU-3 or TPU-20.

Item. No.: **HPM-B1**

Technical data

Speed:	max. 38.000 rpm
Consumed power:	100 W
Torque:	4,0N cm
Weight:	190 g
Dimensions:	L100 x Ø29,5 mm
Noise:	< 70 db(A) at 38.000 rpm
Vibrations:	< 2,5 m/s ²

Rotary Handpiece - C-HPM-B1



Micro-motor driven high speed rotary handpiece with DC motor for use together with power unit type DPU-3 or TPU-20. Features a quick-change design for both the tool and the collet. Supplied with 3,0 mm collet. Optional 2,35 mm collet available.

Item. No.: **C-HPM-B1**

Technical data

Speed:	max. 38.000 rpm
Consumed power:	100 W
Torque:	4,0N cm
Weight:	285 g
Dimensions:	L159 x Ø29,5 mm
Noise:	< 70 db(A) at 38.000 rpm
Vibrations:	< 2,5 m/s ²

Power Unit - DPU-3



Affordable and compact power unit for use together with dedicated rotary hand-pieces and micro-motor driven polishing/filing machines with carbon brush motors. Electrical feedback circuitry prevents the rpm from dropping at high working pressures. Other features include continuously adjustable speed, forward/reverse switch and automatic overload protection. Supplied with foot-control for optional speed adjustment.

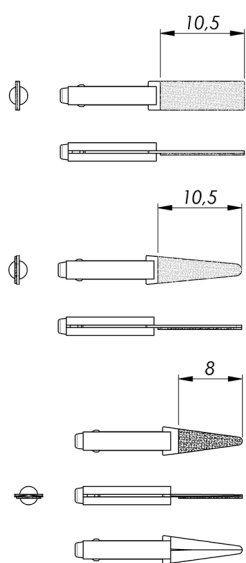
Technical data

Input:	AC 110/220 V at 50/60 Hz
Output:	DC 0 – 32 V, 1,2 A
Power:	max. 100 W
Weight (power unit):	1,7 kg
Dimensions (power unit):	B115 x D147 x H96 mm
Weight (foot control):	585 g

Item No.: DPU-3

DLT / LTA - Diamond Tips

Electroplated diamond tips for use in the Dipromini together with dedicated tool-holders type FMR-20 or FMR-21. All diamond tips are sold in packages of 3 pcs.



Description

Diamond tips with grit size 30 µm - FEPA D181. A thin rectangular tip for general use.

Diamond tips with grit size 30µm - FEPA D181. A thin conical tip for narrow and confined surfaces.

Diamond tips with grit size 15 µm - FEPA D181. Knife shaped design for use on concave surfaces.

Grit-size

Colour-code

Item. No.

D181	Red	DLT-10-150
D151	Green	DLT-10-100
D64	Yellow	DLT-10-50
30 µm	White	DLT-10-30
D181	Red	DLT-20-150
D151	Green	DLT-20-100
D64	Yellow	DLT-20-50
30 µm	White	DLT-20-30
D181	Red	LTA-S150/3
D151	Green	LTA-S100/3
D107	Gold	LTA-S75/3
D64	Yellow	LTA-S50/3
30 µm	White	LTA-S30/3
15 µm	Purple	LTA-S15/3

Holders for Diamond Tips



Tool-holder to be used together with diamond tips type DLT/LTA in the Dipromini polishing-/filing machines. Available in length 40 or 80 mm.

Tool-holder

Item. No.

40 mm

FMR-20

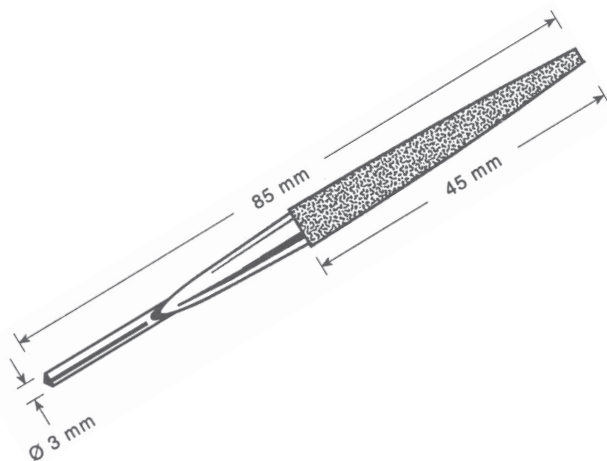
DLA® - Machine Files



Standard Files		Item number		
Shape	Size (mm)	Grit D64	Grit D151	Grit D181
	2x1	DLA-2x1S-D64	DLA-2x1S-D151	DLA-2x1S-D181
	3x1	DLA-3x1S-D64	DLA-3x1S-D151	DLA-3x1S-D181
	4x1	DLA-4x1S-D64	DLA-4x1S-D151	DLA-4x1S-D181
	4x2	DLA-4x2S-D64	DLA-4x2S-D151	DLA-4x2S-D181
	5x2	DLA-5x2S-D64	DLA-5x2S-D151	DLA-5x2S-D181
	Ø 1	DLA-1-D64	DLA-1-D151	DLA-1-D181
	Ø 2	DLA-2-D64	DLA-2-D151	DLA-2-D181
	Ø 3	DLA-3-D64	DLA-3-D151	DLA-3-D181
	Ø 4	DLA-4-D64	DLA-4-D151	DLA-4-D181
	2x2x2		DLA-T2S-D151	
	3x3x3		DLA-T3S-D151	
	4x4x4		DLA-T4S-D151	
	R = 1		DLA-R1S-D151	
	R = 1,5		DLA-R1,5S-D151	
	R = 2		DLA-R2S-D151	
	R = 2,5x5	DLA-R2,5R5-D64	DLA-R2,5R5-D151	DLA-R2,5R5-D181

Safe Sided Files		Grit D64	Grit D151	Grit D181
Shape	Size (mm)			
	2x1	DLA-2x1-D64	DLA-2x1-D151	DLA-2x1-D181
	3x1	DLA-3x1-D64	DLA-3x1-D151	DLA-3x1-D181
	4x1	DLA-4x1-D64	DLA-4x1-D151	DLA-4x1-D181
	5x2	DLA-5x2-D64	DLA-5x2-D151	DLA-5x2-D181
	0,5x4		DLA-0,5x4-D151	
	1x4		DLA-1x4-D151	
	2x2x2	DLA-T2-D64	DLA-T2-D151	DLA-T2-D181
	3x3x3	DLA-T3-D64	DLA-T3-D151	DLA-T3-D181
	4x4x4	DLA-T4-D64	DLA-T4-D151	DLA-T4-D181
	R = 1		DLA-R1-D151	
	R = 1,5		DLA-R1,5-D151	
	R = 2		DLA-R2-D151	

DLE - Machine Files



Standard Files		Item number
Shape	Size (mm)	Grit D151
	5x2	DLE-11-D151
	Ø 3	DLE-2-D151
	5x2	DLE-30-D151
	5x2	DLE-4-D151
	3,5x3,5x3,5	DLE-5-D151
	2,5x2,5	DLE-6-D151

Safe Sided Files		Grit D151
Shape	Size (mm)	
	5x2	DLE-1-D151
	5x2	DLE-3-D151

NEW 2017!

Diprofil/Vallorbe Mini Power Steel Files

Steel files for use on soft to medium hard steel, precious metals and other materials of a similar character.

An excellent choice together with the Diprofil Dipromini polishing/filing machines in both industrial as well as different jewellery applications.

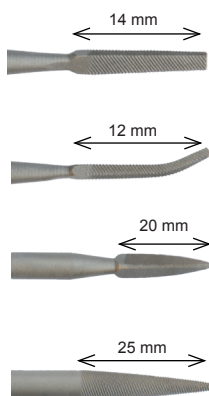
Medium cut (-0) = 25 teeth / cm

Very fine cut (-4) = 56 teeth / cm

Total length: Approx. 40 mm



Steel Files



		Art. nr.	
Profile	Size (mm)	Medium-0	Fin-4
	2 x 1,2	STL-910-0	STL-910-4
	2 x 1,2	STL-911-0	STL-911-4
	2,6 x 2,6 x 2,6	STL-941-0	STL-941-4
	Ø 3,1	STL-980-0	STL- 980-4



Fibre Stones type "Super stones"

An excellent choice for different polishing and finishing applications on small surfaces. All fibre stones comes in a length of 150 mm but can easily be cut and shaped to the required size. Grit sizes according to standard US-mesh.

(Listed below are only a small selection of a much wider assortment. Other dimensions and grit sizes available on request.)

Dimension (mm)	Grit size	Colour	Item. No.
1 x 2	400	Orange	SO 102 L
1 x 2	600	Brown	SP 102 L
1 x 2	800	Blue	SB 102 L
1 x 2	1000	White	SW 102 L
1 x 2	1200	Red	SR 102 L
1 x 4	400	Orange	SO 104 L
1 x 4	600	Brown	SP 104 L
1 x 4	800	Blue	SB 104 L
1 x 4	1000	White	SW 104 L
1 x 4	1200	Red	SR 104 L
1 x 6	400	Orange	SO 106 L
1 x 6	600	Brown	SP 106 L
1 x 6	800	Blue	SB 106 L
1 x 6	1000	White	SW 106 L
1 x 6	1200	Red	SR 106 L



Holders for Fibre Stones



Tool-holder in hardened steel for use together with fibre stones and other tools with a thickness of 1 mm. The low weight helps preventing potentially harmful vibrations.

Shank Ø: 3,0 mm
Shank length: 18 mm
Total length: 31,5 mm
Width: 8 mm
Weight: 4,3 g

Item. No.: THFS-1

Cylindrical Fibre Stones type "Super Grinders"

For use directly in 3,0 mm collets of rotary hand-pieces or together with polishing/filing machines.

Dimension (mm)	Grit size	Colour	Item. No.
Ø 3 x 50	120	Green	SED 3 A
Ø 3 x 50	180	Yellow	SGD 3 A
Ø 3 x 50	300	Light Brown	SLD 3 A
Ø 3 x 50	400	Orange	SOD 3 A
Ø 3 x 50	600	Brown	SPD 3 A
Ø 3 x 50	800	Blue	SBD 3 A
Ø 3 x 50	1000	White	SWD 3 A
Ø 3 x 50	1200	Red	SRD 3 A



Please contact us or your local dealer to obtain more information about other Diprofil products.

Local dealer: