

DIPROMINI MACHINES

DIPROFIL MINI POLISHING/FILING MACHINES



The Dipromini polishing/filing machine is the natural choice when working in narrow and confined spaces. The compact and handy dimension makes it excellent for polishing and finishing applications on small and hard to reach surfaces. Using the Dipromini gives you total control even when working in the narrowest spaces on a delicate work-piece.

Dipromini machines are available with stroke length 0.5, 1.0 or 1.5 mm and connections for a wide variety of drive-sources. For lowest possible vibration levels we recommend using light weight tools and tool-holders such as the THFS-1 and the THPS-3.

All Dipromini machines are delivered in a handy tool-box with the necessary accessories.

Advantages with the Dipromini machines:

- ✓ Low weight
- ✓ Compact and handy dimension
- ✓ Available with 0.5, 1.0 or 1.5 mm stroke length
- ✓ Compatible with most drive-sources available on the market

TECHNICAL DATA

Flexible-Shaft Drive - Slip Joint Connection



Connection:	This model should be connected to a flexible-shaft of European standard (Slip-joint).
Tool-holder:	Max. Ø 3,6 mm
Stroke length:	0.5, 1.0 or 1.5 mm
Speed:	Max. 12.000 rpm (Recommended speed: 5.000 - 11.000 rpm)
Weight:	Approx. 120 g
Dimensions:	Ø 24 mm
Noise level:	< 70 dB(A) at 9.000 rpm
Vibration levels:	At stroke 0,5 mm: <2,5 m/s ² At stroke 1,0 mm: 1,5 - 3 m/s ² At 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.

Stroke length	Item number
0.5 mm	FMR/S5
1.0 mm	FMR/S10
1.5 mm	FMR/S15

Flexible-Shaft Drive - Ball Joint Connection



The Dipofil Mini Polishing/Filing machine for flexible-shaftdrive is available for connection to Ball Joint. There are three basic models with 0.5 mm (**FMR/B5**), 1.0 mm (**FMR/B10**) or 1.5 mm (**FMR/B15**) stroke length. Technical data is the same as above.

Stroke length	Item number
0.5 mm	FMR/S5
1.0 mm	FMR/S10
1.5 mm	FMR/S15

Micro Motor Connection - Gesswein, Argofile & Uhandy



The Dipromini Filing Machine for Gesswein, Argofile and Uhandy connection can be supplied with three different stroke lengths: 0.5 mm (**FMR/G5**), 1.0 mm (**FMR/G10**) or 1.5 mm (**FMR/G15**). Technical data is the same as above.

Stroke length	Item number
0.5 mm	FMR/G5
1.0 mm	FMR/G10
1.5 mm	FMR/G15

Micro Motor Connection - NSK EMax Evolution, Eneska 3-1 and Eneska 3-2



Tool-holder:	Max. Ø 3,6 mm
Stroke length:	0.5, 1.0 or 1.5 mm
Speed:	Max. 12.000 rpm (Recommended speed: 5.000 - 11.000 rpm)
Weight:	Approx. 120 g
Dimensions:	Ø 24 mm
Noise level:	< 70 dB(A) at 9.000 rpm
Vibration levels:	At stroke 0,5 mm: <2,5 m/s ² At stroke 1,0 mm: 1,5 - 3 m/s ² At 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.

Stroke length	Item number
0.5 mm	FMR/N5
1.0 mm	FMR/N10
1.5 mm	FMR/N15

Micro Motor Connection - NSK (Espert) and Eneska 4-1



Tool-holder:	Max. Ø 3,6 mm
Stroke length:	0.5, 1.0 or 1.5 mm
Speed:	Max. 12.000 rpm (Recommended speed: 5.000 - 11.000 rpm)
Weight:	Approx. 120 g
Dimensions:	Ø 24 mm
Noise level:	< 70 dB(A) at 9.000 rpm
Vibration levels:	At stroke 0,5 mm: <2,5 m/s ² At stroke 1,0 mm: 1,5 - 3 m/s ² At 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.

Stroke length	Item number
0.5 mm	FMR/E5
1.0 mm	FMR/E10
1.5 mm	FMR/E15

Micro Motor Connection - Diprofil Micro Motor type HPM-B1



Tool-holder:	Max. Ø 3,6 mm
Stroke length:	0.5, 1.0 or 1.5 mm
Speed:	Max. 12.000 rpm (Recommended speed: 5.000 - 11.000 rpm)
Weight:	Approx. 120 g
Dimensions:	Ø 24 mm
Noise level:	< 70 dB(A) at 9.000 rpm
Vibration levels:	At stroke 0,5 mm: <2,5 m/s ² At stroke 1,0 mm: 1,5 - 3 m/s ² At 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.

Stroke length	Item number
0.5 mm	FMR/D5
1.0 mm	FMR/D10
1.5 mm	FMR/D15

E-fit Standard Connection



Tool-holder:	Max. Ø 3,6 mm
Stroke length:	1.0 mm
Speed:	Max. 12.000 rpm (Recommended speed: 5.000 - 11.000 rpm)
Weight:	Approx. 120 g
Dimensions:	Ø 24 mm
Noise level:	< 70 dB(A) at 9.000 rpm
Vibration levels:	At stroke 0,5 mm: <2,5 m/s ² At stroke 1,0 mm: 1,5 - 3 m/s ² At 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.

Stroke length	Item number
1.0 mm	FMR/I10

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