

870-0040

MICROMETER SCREWS



870-0040

- Designed for micro-positioning applications
- Stainless steel screw with hardened steel ball tip
- Brass threaded collar
- Very smooth motion allows positioning with sensitivity of 1 µm
- Scale 10 µm division
- Nominal travel 5, 10, 15, 20, 25, 30, 50 mm

Micrometer screws 840-0040, 840-0041 have M6x0.5 internal driving screw thread. External mounting thread – M10x1. External M10x0.5 mounting thread is available on request.

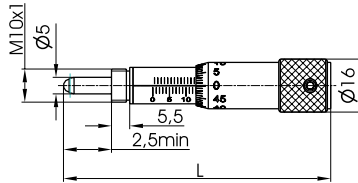
Vernier scale is engraved on a revolving cylindrical collar of the micrometer screw. The collar can be rotated to make the scale visible if micrometer screw is mounted with the scale out of sight. 870-0040, 870-0041 are used in translation stages and mirror mounts and can be used in mounts and stages of other manufacturers.

SPECIFICATIONS

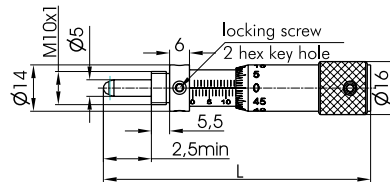
Scale graduation	0.01 mm
Sensitivity	1 µm
Pitch	M6x0.5
Thread	M10x1
(as option)	M10x0.5



870-0040



870-0041



860-0058-20
with 870-0040-20 installed



860-0060-06
with 870-0040-50 installed



860-0053 XYZ
with 870-0040-25 installed

Code	Nominal travel, mm	Maximum travel, mm	L, mm	Weight, kg	Price, EUR
870-0040-05, 870-0041-05	5	7	40	0.03	47 / 65
870-0040-10, 870-0041-10	10	13	54	0.04	51 / 69
870-0040-15, 870-0041-15	15	17	60	0.04	55 / 73
870-0040-20, 870-0041-20	20	22	70	0.05	60 / 78
870-0040-25, 870-0041-25	25	27	81	0.06	66 / 84
870-0040-30, 870-0041-30	30	32	92	0.08	79 / 97
870-0040-50, 870-0041-50	50	52	136	0.10	100 / 118

Complementary Products

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860-0058-20	8.112
860-0060-06	8.113

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BRACKETS & RAILS

BASE MOUNTS & ACCESSORIES

OPTICAL MOUNTS

OPTICAL POSITIONERS

BASE POSITIONERS

TRANSLATION & ROTATION STAGES

ADJUSTMENT SCREWS

MOTORIZED POSITIONERS