

● Plan Parallel Optical Flats

Used for examining the flatness and parallelism of the measuring faces on external micrometers as well as other similar measuring instruments. The difference in length of the optical flats within a set corresponds to a quarter or a third of the spindle pitch of 0,5 mm.



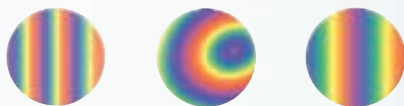
Length tolerance with reference to the nominal dimension: $\pm 100 \mu\text{m}$

Flatness tolerances for optical flats with lengths:
 $\leq 27,335 \text{ mm}$: $0,15 \mu\text{m}$
 $\geq 52,00 > 77,335 \text{ mm}$: $0,2 \mu\text{m}$

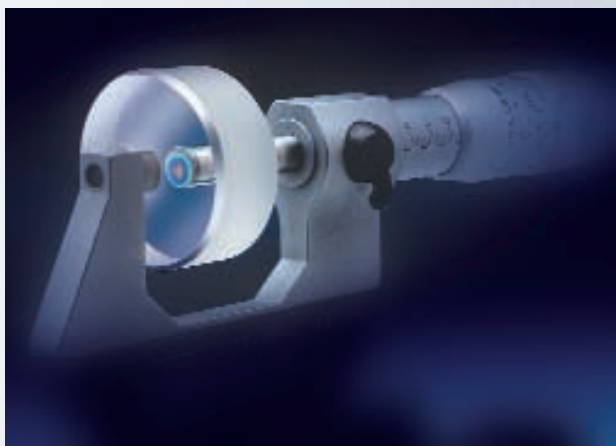
Parallelism tolerances for optical flats with lengths:
 $\leq 27,335 \text{ mm}$: $0,4 \mu\text{m}$
 $\geq 52,00 > 77,335 \text{ mm}$: $0,5 \mu\text{m}$

Each set is supplied in a wooden case

Declaration of conformity



No	mm
25.10001	12,00
25.10002	12,125
25.10003	12,25
25.10004	12,375
25.10000	12,00 ÷ 12,375
25.10101	27,00
25.10102	27,165
25.10103	27,335
25.10100	27,00 ÷ 27,335
25.10201	52,00
25.10202	52,165
25.10203	52,335
25.10200	52,00 ÷ 52,335
25.10301	77,00
25.10302	77,165
25.10303	77,335
25.10300	77,00 ÷ 77,335



● Heat Insulating Grips for External Micrometers

Protect the frame from hand warmth.



Models No. 01.40401 and 01.40402 in anodised aluminum, black colour
 No. 01.60101 up to 01.60103 in moulded plastic, black colour

No	mm
01.40401	up to 200
01.40402	200 ÷ 500
01.60101	500 ÷ 700
01.60102	700 ÷ 1000
01.60103	1000 ÷ 1500

