



BEARING & TOOL CENTRE



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Our Sister Concern : RELIEF SERVICE CENTRE

Repairs, Removal of Jaw Error, Bore Gauge Extension, Instrument Modifications & Spares

Quotation

158	Optical Flats
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Flatness – mic.	W	C	D %	02.	0.1	0.2
Diameter mm				45	45	60
MitutoyoRs.	12	N	5	11690	12572	16445
Code				158 – 117	158 – 118	158 - 119
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Terms & Conditions –

- Goods offered - Subject to Prior Sale
- Price Validity: "15 Days from Date of Quotation"
- C.S.T 2% extra against form C. Otherwise 5% without form C For Out of Gujarat Sales only.
- VAT 5% extra for Sales within Gujarat. Prices Ex-Godown Ahmedabad.
- Payment against Proforma Invoice, Packing, Forwarding & Freight extra.
- **Bank Detail** – Kotak Mahindra Bank Ltd.
- **Branch** – Shivranjini
- **Bank IFSC Code** - KKBK 0000 810
- **Bank Account No.** 08102 00000 2689
- Note - While making payment online do mention your Company's name.
- TIN NO 24070901229 , CST No. 24570901229
- We are looking forward to your valued orders.

MITUTOYO MAKE

Optical Parallels

SERIES 157

FEATURES

- Designed to inspect parallelism and flatness of measuring faces of micrometers.
- Each set consists of 4 thicknesses.
- Supplied with fitted carrying case.



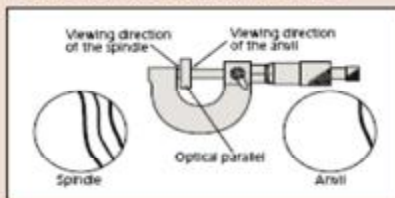
Technical Data

Flatness: 0.1 μ m
 Parallelism: 0.2 μ m
 Diameter: 30mm

Parallelism Check between Measuring Faces by Means of Interference Fringe Produced by an Optical Parallel

The parallelism between the measuring faces can be determined as follows; bring the optical parallel to the anvil and observe the number of interference fringes produced on the spindle side under the measuring force of the micrometers.

The parallelism is about 1 μ m (0.32 μ m x 3 = 0.96 μ m). Fringe on the anvil side must not be more than one.



SPECIFICATIONS

Metric		
Range of micrometer to be checked	Order No.	Assortment of parallels (Thickness of parallel)
0-25mm	157-903	12.00, 12.12, 12.25, 12.37mm
25-50mm	157-904	25.00, 25.12, 25.25, 25.37mm

Inch		
Range of micrometer to be checked	Order No.	Assortment of parallels (Thickness of parallel)
0-1"	157-901	.5000", .5062", .5125", .5187"
1-2"	157-902	1.0000", 1.0062", 1.0125", 1.0187"

Optical Flats

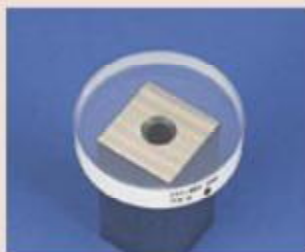
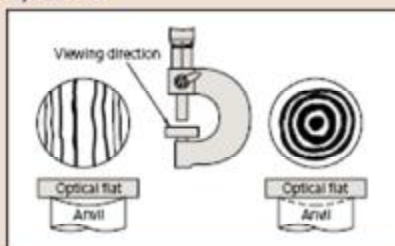
SERIES 158

FEATURES

- Used for inspecting the flatness of micrometer's or gauge block's measuring faces with high accuracy.



Flatness Check of Measuring Faces Using Interference Fringe Pattern Produced by an Optical Flat



SPECIFICATIONS

Metric		
Flatness	Order No.	Diameter/Thickness
0.2 μ m	158-117	45mm/12mm
	158-119	60mm/15mm
0.1 μ m	158-118	45mm/12mm
	158-120	60mm/15mm

Inch		
Flatness	Order No.	Diameter/Thickness
.00004"	158-122	1.8"/1.5"
	158-124	2.4"/1.6"