

# Product Information

## Mechanical dial comparator Millimess 1004

### Product features:

- Large, high contrast dial face
- Adjustable tolerance markers
- Lockable fine adjustment screw
- Shockproof movement
- Mounting shank and measuring spindle are both made of hardened stainless steel
- Measuring spindle is mounted in a high precision ball guide for minimal hysteresis
- Resistant to lateral forces (side play) acting on the measuring spindle
- Maximum sensitivity and accuracy are ensured by the jeweled movement in conjunction with the precision gears and pinions
- Box type protective housing
- Constant measuring force
- Measuring spindle can be retracted with either a screw in cable release or with a lifting knob

### Package contains:

- case



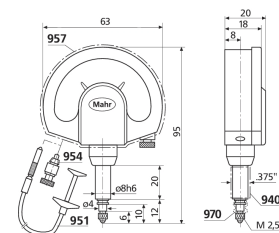
Order-No.: **4333000**

### Technical Data

Measuring range _beginning_ $\mu\text{m}$	-130 $\mu\text{m}$
measuring range_end_ $\mu\text{m}$	130 $\mu\text{m}$
Measuring range from	-0,13 mm
Measuring range up to	0,13 mm
Readings ( $\mu\text{m}$ )	5 $\mu\text{m}$
Error limit $G_e$ ( $\mu\text{m}$ )	3,5 $\mu\text{m}$
Error limit $G_{ges}$ ( $\mu\text{m}$ )	4 $\mu\text{m}$
Error limit $G_t$ ( $\mu\text{m}$ )	3 $\mu\text{m}$
Hysteresis $f_u$ ( $\mu\text{m}$ )	1 $\mu\text{m}$
Repeatability $f_w$ ( $\mu\text{m}$ )	1 $\mu\text{m}$
Measuring force	1 N
Type of dial face	130-0-130
Scale diameter	50 mm
Dial color	White

### Dimensions

Mounting shaft	8 mm
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### Accessories

Bezeichnung	Typ	Artikel-Nr.
Adapter bushing	940	4310103
Cable release	951	4372000
Lifting knob	954	4372030
Splash guard cover	957	4373030
Lug back	963	4375002