High Precision Dial Gauges with the movement of Comparator Gauges

The FEINIKA High Precision Dial Gauges have similar movements to those of our range of COMPIKA Comparator Gauges. The travel of the plunger is transmitted and magnified by means of a lever device to the hand. This lever transmission has two advantages. It provides extremely high accuracy, as well as an effective shockproof system.

The following quality features apply to our entire manufacturing programme of FEINIKA High Precision Dial Gauges:

- Effective shockproof system.
- With metal bezel.
- Lifting cap to raise the plunger easily.
- Hardened plunger to protect against damage.
- Additional over-travel for easy insertion of test pieces under the measuring tip.
- Highly responsive movements.
- Precisely matched plunger and stem to minimise lateral play.
- All gear pivots run in high-class ruby bearings.
- A lifting cap to prevent ingress of contaminants.

DIN 878 does not include these High Precision Dial Gauges. So we subject these gauges to more stringent standards as laid down in the table 0.0500.9.0010, edition 1/2001 of our works standard.

Technical data for Metric High Precision Dial Gauges of the series Feinika

Type	Reading	Range per revolution	Range	Overtravel	Bezel-Ø	Special Feature
Feinika KM 1102	0,002 mm	0,1 mm	1 mm	2,5 mm	40 mm	Shockproof
Feinika FM 1102	0,002 mm	0,1 mm	1 mm	4 mm	58 mm	Shockproof
Feinika KM 1101	0,001 mm	0,1 mm	1 mm	2,5 mm	40 mm	Shockproof
Feinika KM 1101 W	0,001 mm	0,1 mm	1 mm	2,5 mm	44,5 mm	Waterproof
Feinika SI-914	0,001 mm	–	0,08 mm	3 mm	40 mm	Error free
Feinika FM 1101	0,001 mm	0,1 mm	1 mm	4 mm	58 mm	Shockproof
Feinika FM 1101 W	0,001 mm	0,1 mm	1 mm	4 mm	61,5 mm	Waterproof
Feinika SI-915	0,001 mm	–	0,08 mm	5 mm	58 mm	Error free
Feinika SI-918	0,001 mm	–	0,16 mm	5 mm	58 mm	Error free