

# Bore Gauges

## Specifications

Accuracy	2 µm
Repeatability	0,5 µm
Delivered	Including box, dial indicator, plastic cover for indicator

## Optional accessories

No.	Description
953549	Extension Rod Series 511, 125mm, 9mm rod diameter
953550	Extension Rod Series 511, 250mm, 9mm rod diameter
953551	Extension Rod Series 511, 500mm, 9mm rod diameter
953552	Extension Rod Series 511, 125mm, 12mm rod diameter
953553	Extension Rod Series 511, 250mm, 12mm rod diameter
953554	Extension Rod Series 511, 500mm, 12mm rod diameter
953555	Extension Rod Series 511, 750mm, 12mm rod diameter
953556	Extension Rod Series 511, 1000mm, 12mm rod diameter
953557	Extension Rod Series 511, 125mm, 15mm rod diameter
953558	Extension Rod Series 511, 500mm, 15mm rod diameter
953559	Extension Rod Series 511, 750mm, 15mm rod diameter
953560	Extension Rod Series 511, 1000mm, 15mm rod diameter
952361	Extension Rod Series 511, 250mm, 15mm rod diameter
543-310B	Digital Indicator Bore Gauge ID-C, 12,7mm, 0,001mm, Flat Back

For details on indicators suitable for use with this instrument, refer to the Dial Gauges section. For a description of replacement contact points, see the Spare Parts section at end of catalogue.

## Series 511

This is a short range application Bore Gauge Set that automatically self-centres via a centring bridge and offers you the following benefits:

- It reduces the influence of heat from the operator's hand by 50% by making the grip hollow structured, thereby retaining high accuracy measurement.
- Interchangeable washers (0,5 mm thick) are supplied as standard accessories, so you can enable setting in small steps.
- Contact points are carbide (> 18 mm range), giving you high durability and wear resistance.



511-712-20



511-713-20



Extensions for deep-hole measurement (optional accessory)

## Metric

No.	Range [mm]	Stroke of contact point	Graduation	Number of anvils	Measuring depth	No. Dial Indicator	Mass [g]
511-721-20	18 - 35	1,2 mm	0,001 mm	9	100 mm	2109AB-10	330
511-722-20	35 - 60	1,2 mm	0,001 mm	6	150 mm	2109AB-10	400
511-723-20	50 - 150	18 - 60 mm: 1,2 mm 50 - 400 mm: 1,6 mm	0,001 mm	11	150 mm	2109AB-10	420
511-724-20	100 - 160	1,6 mm	0,001 mm	13	150 mm	2109AB-10	480
511-725-20	160 - 250	1,6 mm	0,001 mm	6	250 mm	2109AB-10	850
511-726-20	250 - 400	1,6 mm	0,001 mm	5	250 mm	2109AB-10	945
511-711-20	18 - 35	1,2 mm	0,01 mm	9	100 mm	2046AB	330
511-712-20	35 - 60	1,2 mm	0,01 mm	6	150 mm	2046AB	400
511-713-20	50 - 150	18 - 60 mm: 1,2 mm 50 - 400 mm: 1,6 mm	0,01 mm	11	150 mm	2046AB	420
511-714-20	100 - 160	1,6 mm	0,01 mm	13	150 mm	2046AB	480
511-715-20	160 - 250	1,6 mm	0,01 mm	6	250 mm	2046AB	850
511-716-20	250 - 400	1,6 mm	0,01 mm	5	250 mm	2046AB	945

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Example of measuring heads with different capacity.

