



### Precision bore gauge

Precision bore gauge for bores with two hard metal contact points, measurements repeatable to a thousandth (0.001 mm). Uses: as well as measuring the diameter of large bores, it is possible to check for any errors in shape, such as roundness, cone and barrel shape. The instrument can be used with all comparators with a  $\varnothing$  8 h7 stem.

**Comparator not included in the set.**



Code	€	Measurement field (mm)	Dial gauge holder length (mm)	Contact points
F250300005	---	19,5±34,5	150	hard metal
F250300010	---	26,3±110	150	hard metal

Code	€	Measurement field (mm)	Dial gauge holder length (mm)	Contact points
F250300015	---	50,5±330	300	hard metal

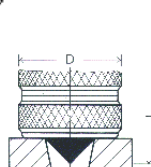


### Vernier for internal cone measurement

Vernier for measurement of the maximum diameter of internal cones, this instrument can be used to read the maximum diameter of an internal cone quickly and directly, with angles of up to 90°. To measure, simply position the instrument against the sides and read the diameter on the comparator, the instrument can be reset on a verification plane.

**The instrument is supplied complete with analogue comparator.**

To check cones with angles of more than 90° or for special applications, instruments with special cones can be supplied on request.



Code	€	Measurement field (mm)	Taper angle (°)	$\varnothing$ (mm)	Instrument length (mm)
F250350005	---	0,5±20	90	27	182
F250350010	---	10±30	90	37	191
F250350015	---	20±40	90	47	191
F250350020	---	40±60	90	67	191

Code	€	Measurement field (mm)	Taper angle (°)	$\varnothing$ (mm)	Instrument length (mm)
F250350025	---	60±80	90	87	191
F250350030	---	80±100	90	107	290
F250350035	---	100±120	90	127	290

#### Applications:

DIN 74 screw seats	Seats of protections	Seats of collets	Morse Cone	Bore of conical pins	Thread protection countersinks	V-belt pulleys	T milling



### Comparator holder magnetic base

Comparator holder base with magnetic base that can be disconnected using a key, support surface with V shape to allow anchoring on curved surfaces, yellow jointed rods, mechanic central locking, universal connector with fine adjustment.



Code	€	Base dimensions (mm)	Adhesion force (N)	Radius of action (mm)
F307000005	---	50x60x55	800	261
F307000010	---	50x60x55	800	321



### Comparator holder magnetic base

Magnetic comparator support with magnet that can be turned off using a key, support surface with V-shape allowing anchoring even on curved surfaces, jointed flexible arm with lever lock on cam locking bush.



Code	€	Base dimensions (mm)	Adhesion force (N)	Radius of action (mm)
F304000005	---	70x45x65	600	350



BORE GAUGES  
BASES