

BALL GAUGES AND REFERENCE BALLS

The high precision tungsten carbide ball gauge gives focused contact area and very good feel which is quickly communicated.

Roughness, bell-mouthing and taper are easily detected. Ideal for high precision go/nogo gauging. The carbide ball is virtually inert, providing rugged resistance to impact, wear, temperature, humidity and corrosion.

A ball under 4mm is brazed to a stem, over this diameter the ball has a spark eroded hole into which is fixed a matched ground pin to ensure precision and performance.

Reference balls and related products.

- Tungsten carbide, chrome steel or silicon nitride.
- CMM reference balls and mounting fixtures.
- Reference balls with straight and cranked stems.
- Reference balls with flexible rugged wire and i.d. tag.
- Reference and tooling balls. Types 1,2,3,4 and 5.
- Calibrated master ball sets.
- Special balls and related products.



ROK-IT GAUGES

ROK-IT gauges are simple go/no go gauges which are lightweight and easy to use.

Because of the plate design with spherically formed ends, Rok-it gauges can be presented to a bore at any angle with no problems of alignment, and rocked over centre to check size.

If the 'go' end rocks over centre and the 'no go' stops, then the bore is within tolerance. Simple and quick, so gauging time is reduced to a minimum.

Rok-it can test

- Barreling
- Ovality
- Taper
- Blind bores
- Recessed bores
- Deep bores

and can be supplied to gauge product tolerances as low as 0.005mm.

Gauge life is not a problem – unlike conventional plug gauges which slide up and down the bore to be tested, the simple rocking action usually means less contact, less friction and less wear.

All Rok-it gauges are available in high quality tool steel or with special hard-facing.

It should be noted that Rok-It Gauges will not test for bore straightness or cylindricity.

