

## Product Information

### Indenters



#### Features

- Available for ANY hardness testing machine make and model
- High quality, UK manufactured
- Diamonds calibrated using specialist machines
- Balls calibrated by batch
- Optionally supplied with a UKAS accredited calibration certificate
- Full NADCAP compliance
- Manufactured in accordance to a 17025:2005 Quality Assurance System
- Supplied in an individually identified container
- Re-lapping service where possible
- Measurement uncertainties supplied for each indenter with a UKAS certificate

#### Range of application

A good quality indenter is an essential component of a hardness testing machine. Indenters are regularly damaged and this damage will result in inaccurate hardness test results. It is best practice to check for damage to the indenter every day using a hardness test reference block.

There are hundreds of indenter designs with different threads and head and shaft dimensions. Indentec can supply UKAS accredited indenters for any hardness

testing machine. A UKAS certificate is optional. All indenters are manufactured to international standards: Rockwell ISO 6508-2 and ASTM E18, Vickers 6507-2 and ASTM E384, for Knoop ISO 4545-2, and Brinell 6506-2 and ASTM E10.

Also available is a re-grinding and re-calibration service for diamond indenters where the damage to the diamond is not too severe.

Scale	Material	Certification
Rockwell (HR)	Diamond, carbide steel or steel	ISO 6508-2, ASTM E18
Vickers (HV)	Diamond	ISO 6507-2, ASTM E384
Knoop (HK)	Diamond	ISO 4545-2
Brinell (HB)	Carbide steel or steel	ISO 6506-2, ASTM E10