

## STANDARD KING BRINELL HARDNESS TESTER

The King Brinell hardness tester has a

- base with a 14" gap and 4" throat
- head and gauge calibrated for a 0 — 3000 kg. load
- filled hydraulic reservoir
- 10mm steel ball
- flat, dome and vee shaped anvils
- instruction and maintenance manuals.

**ALLOY STEEL-THREADED POSTS**  
Wear longer, resist distortion.

**BOURDON-TYPE  
PRESSURE GAUGE**  
Indicates true load  
exerted by pump  
and when full load  
has been reached.

**STAINLESS STEEL TEST HEAD**  
Contains sealed hydraulic pump and reservoir.  
Calibrated to release load at 3,000 kg.  
Fully interchangeable with optional King bases.  
Also available in a low pressure version for testing  
softer metals and in a long ram version.

**STANDARD 10mm BRINELL BALL**  
Can be easily changed to 2.5 & 5mm ball  
or reverse direction load head.

**THROAT**  
Standard is 4" with 6" optional.

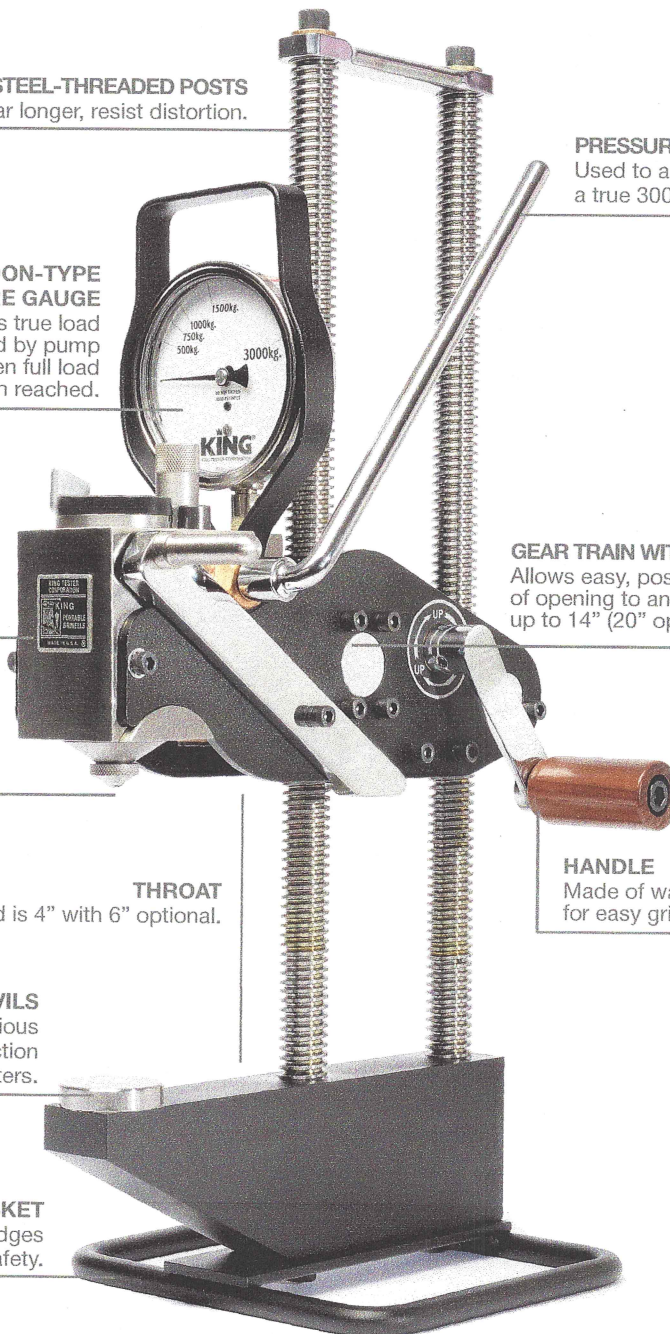
**FLAT, DOME AND VEE ANVILS**  
Supplied as standard equipment for testing various  
shaped specimens. Also accepts reverse direction  
impression adapters.

**WIRE BASKET**  
Rounded corners and no sharp edges  
for maximum safety.

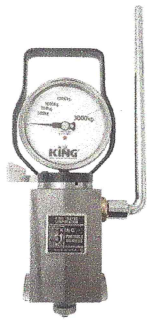
**PRESSURE LEVER**  
Used to apply up to  
a true 3000 kg load.

**GEAR TRAIN WITH HAND CRANK**  
Allows easy, positive adjustment  
of opening to any size specimen  
up to 14" (20" optional).

**HANDLE**  
Made of walnut wood  
for easy grip and durability.

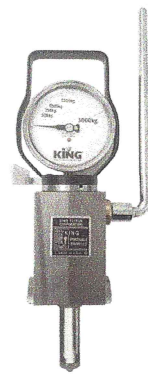


## OPTIONAL ADAPTERS AND COMPONENT PARTS



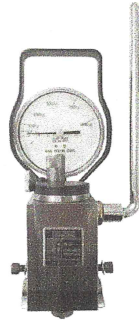
### STANDARD TEST HEAD

Calibrated accurate to 1/2 of 1% load.  
Releases at 3,000 kg automatically.  
Capable of incremental loads.



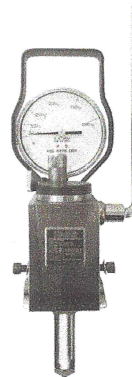
### STANDARD TEST HEAD WITH LONG RAM

Same features as standard test head plus a long ram that puts impression head at end of 2" extension for easy access into recessed areas or over raised edges.



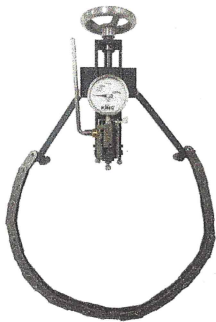
### LOW PRESSURE TEST HEAD

Applied load and indicator dial are coordinated for softer metals. Can be calibrated to release at loads of 62-1/2 kg, 125 kg, 250 kg, 500 kg, or 1000 kg.



### LOW PRESSURE TEST HEAD WITH LONG RAM

Same features as low pressure test head plus a long ram that puts impression head at end of 2" extension for easy access into recessed areas or over raised edges.



### CHAIN ADAPTER

Used for large cylinders it fits onto a standard test head and wraps around specimens that are too big for regular tester. High strength chrome/molybdenum steel arms hold the chain to the test head and allow it to stay rigid while the chain takes the full thrust of the load. Supplied with 4' chain.

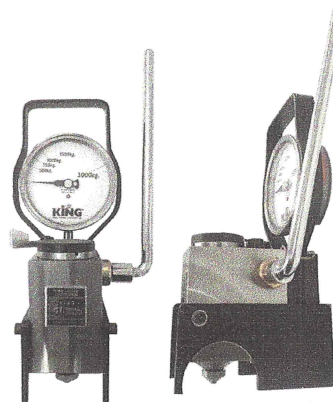


### BASE

14" base with 14" test height opening and 4" throat is standard. Optional 6" throat with either 14" or 20" test height opening available. 20" base also available with 4" throat and 20" test height opening.

### ADAPTER TO HOLD TEST HEAD UPRIGHT WITHOUT BASE

For testing large flats it enables test heads to be used under large drill presses, boring mills, arbor presses and beams that are capable of withstanding 3000 kg load.



### 2.5 & 5mm BALL ADAPTER

Used on softer materials or where a smaller impression is desired.

### REVERSE DIRECTION LOAD ADAPTER

Used inside pipes, tubes and other interior locations that are otherwise impossible to reach. Consists of an anvil which drops into the base and contains a 10mm ball penetrator; and a reverse direction load head, which screws onto the ram.

