



LIMITING VALUE OR  
MAXIMUM  
PERMISSIBLE ERROR

- 4.2 The diameter of the bearing shank shall not deviate from its nominal size, (usually 1/2 in. or 9/16 in.) by more than +0  
-0.0002 in. (0.005 mm)
5. **REPETITION**
- 5.1 It shall be possible to obtain repetition of reading to within:-
- (i) Types made of Drgs. 950 or 1559 0.000 02 in.  
(0.000 5 mm)
  - (ii) Type made to Drg. 1634 0.000 01 in.  
(0.000 25mm)
6. **WORKING FORCE**
- 6.1 The force required to operate the indicator shall lie between:-
- (i) Model 1 8 and 12 oz wt  
(250 g) (340 g)
  - (ii) Model 2 Within ±10% of the value  
marked on the indicator.
7. **MEASURING FACE**
- 7.1 The measuring face shall be hardened Minimum 800 DPN
- 7.2 The face shall be lapped, well finished and flat 0.000 02 in.  
(0.000 5 mm)
- 7.3 The face shall be square to the bearing shank:-
- (i) Types made to Drgs. 950 or 1559 \*0.000 03 in.  
(0.000 8 mm)
  - (ii) Type made to Drg. 1634 \*0.000 02 in.  
(0.000 5 mm)
- \*over diameter of face

G.B.B.M Sutherland  
Director

*H. Barrell*

Superintendent, Standards Division

*[Handwritten initials]*

November 1958