



INSTRUCCIONES DE FUNCIONAMIENTO

Calibre de cuadrante Series 1312, 1311, 1315

Precaución: No mida la pieza de trabajo si está girando, esto es peligroso y las caras de medición se desgastarán

Series	Graduación del reloj comparador	Precisión
1312/1315	0.02mm	±0.02mm (Rango: 0-100mm) ±0.03mm (Rango: 100-200mm)
1311	0.01mm	±0.04mm (Rango: 200-300mm)

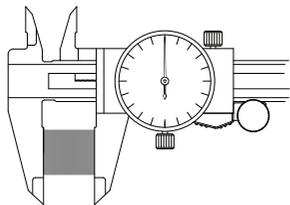


Viga chapada en titanio (serie 1315)

- 1-Faces de medición escalonadas
- 2-Mandíbulas de medición internas
- 3-Barra dentada
- 4-Aguja
- 5-Escala circular
- 6-Escuadra
- 7-Tornillo de bloqueo

- 8-Escala
- 9-Mandíbulas de medición externas
- 10-Tornillo de bloqueo del bisel
- 11-Rodillo pulgar (no para código con sufijo 'W')
- 12-Viga
- 13-Barra de medición de profundidad

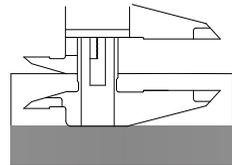
1. Measurement



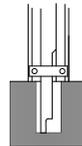
Medición externa



Medición interna



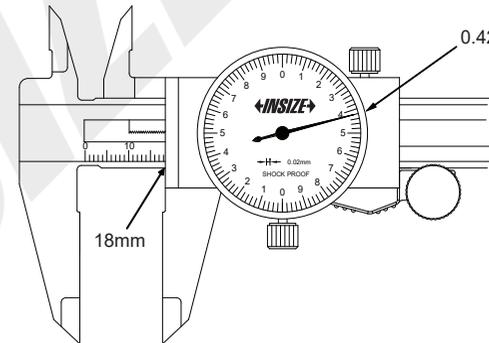
Medición por pasos



Medición de la profundidad

2. Prevent cutting chips from getting into the gear bar during measurement, which may damage the dial gauge. Keep the lower jaws closed after measurement, so the depth measuring bar covers the gear bar, which will prevent cutting chips from getting into the gear bar.
3. Please clean the measuring faces and beam with soft cloth, then close the external jaws. If the needle does not point at zero, caliper needs to be zero set. Loosen bezel locking screw and rotate bezel until needle points to zero, tighten bezel locking screw to lock bezel at the new position. The caliper should be checked regularly to make sure that it is properly zero set.
4. To get accurate measurement, it is necessary to control the force. During measurement, please always apply constant and proper force on the thumb roller. The measuring jaws should 'hold' the workpiece and can still 'slide' on the workpiece.
5. The reading is obtained by adding the reading of the circle scale to that of the main scale.

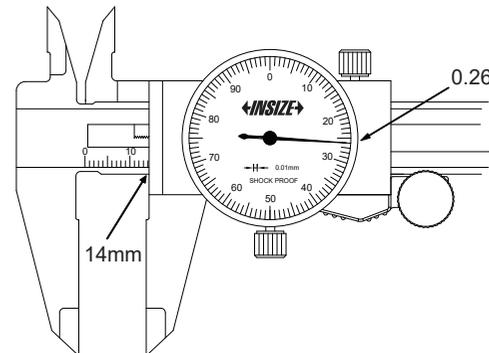
Series 1312, 1315:



Lectura de la escala principal: 18 mm
Lectura de la escala circular: 0.42 mm

Lectura 18.42 mm

Series 1311:



Lectura de la escala principal: 14 mm
Lectura de la escala circular: 0.26 mm

Lectura 14.26 mm

MN-1312-ES

V2