



CERTIFIED CENTERING INDICATOR SET



ITEM NO.57-030-732
MODEL NO. E12.50CI

Version date: 07/19/2017

Please Read These Instructions Before Using Your Indicator
Contents Subject To Change Without Notice

Thank you for purchasing this Certified Centering Indicator Set.
Follow these instructions to use your Certified Centering Indicator Set correctly.

FEATURES

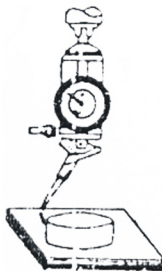
1. Use this indicator to quickly center work pieces or fixtures on your Boring and Milling Set-Ups.
2. The indicator stays stationary while the spindle rotates, which leave the operator with both hands free to accurately position the machine table.
3. Internal or External centering.

PREPARING AND OPERATING

1. Set the workpiece within the indicator travel range.
2. Choose appropriate feeler and then install it into the indicator rocker bracket.
Straight Feeler: Used for internal centering
Curved Feeler: Used for external centering
Center Point Feeler: Used for center punch marking



Internal Centering
(Straight Feeler)



External Centering
(Curved Feeler)



Center Punch Marking
(Center Point Feeler)

1. Adjusting rocker friction joint to make the feeler contact with the workpiece.
2. Hold the restraining rod to make the indicator always face toward the operator and then fasten it.
3. Start machine spindle and carefully control the speed which should not exceed 700–800RPM at any time.
4. Adjust the machine table along one axis to a point where the indicator finger travel range would be diminished to the lowest distance, that means the workpiece is centered in the direction with spindle.
5. Move the machine table along the axis which perpendicular with the previous direction until the indicator finger travel range diminishes to zero, that means the workpiece center is in axis alignment with the spindle.

MAINTENANCE

This Certified Centering Indicator Set should not require any maintaining during use. Each Centering Indicator has been thoroughly checked out for accuracy before delivery.

MAIN TECHNICAL DATA

The measuring range is 0.25".

The locating accuracy is 0.0002" of center.

The shank is 0.375" diameter and 0.75" long.

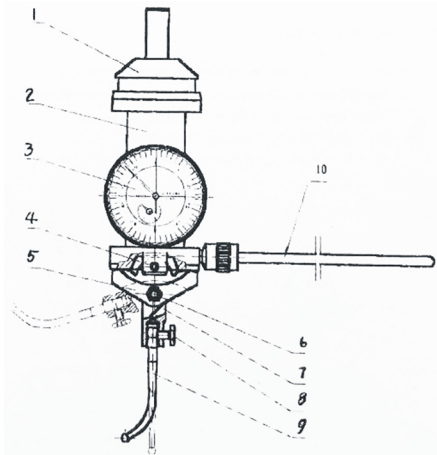
The indicator is 6-7/8" long.

Internal diameters from 0.15" to 12".

External diameters from 0 to 12".

BREAKDOWN FOR INDICATOR

1	Clamping Shank
2	Main Body
3	Dial Component
4	Pin
5	Cam
6	Cam Screw & Nut
7	Feeler Holder
8	Locking Screw
9.1	2" Straight Feeler
9.2	4" Straight Feeler
9.3	6" Straight Feeler
9.4	2" Curved Feeler
9.5	4" Curved Feeler
9.6	6" Curved Feeler
9.7	Center Point Feeler
10	Retaining Rod



**Please read this Manual carefully before operating.
If your Centering Indicator does not work properly,
please check relative contents.**



ELITE
PRECISION