

Adjustable Centering Attachment Model 187

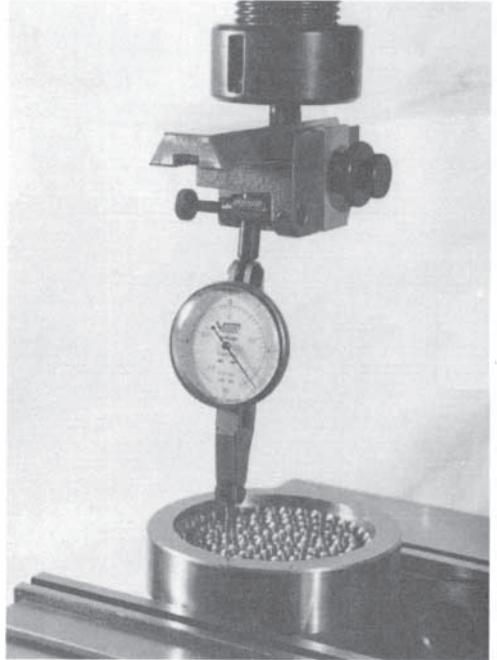
This attachment is a deluxe version of the 186 in which a rack and pinion movement is incorporated to give a more controlled method of setting. Designed to give ease of operation, the slide locking and traverse thumb nuts are combined on one spindle.

Code 16/ 0001

The Verdict Centering attachment is most suitably used in conjunction with a Verdict Twin faced indicator whereby the need for mirrors is eliminated.

A 6"/150mm extension is available for the 187 Centering Attachments allowing centering of components up to 12"/300mm diameter.

Code 16/ 0003 for 187



DIACATOR

FOR PRECISE CONCENTRICAL ALIGNING

The DIACATOR is an instrument with a stationary indicator and a rotating probe for fast and accurate concentrical alignment of bores and shafts on most rotary machine tools.

Applications:

Concentrical alignment of boxes and shafts on milling, drilling and boring machines; Alignment of the footstock on milling and cylindrical grinding machines and of the tailstock on lathes; Accurate concentrical alignment of indexing heads and tables, of grinding fixtures, of drill sleeves in tool holders and of many other special fixtures.

Design Features:

The DIACATOR is mounted in two suspension ball bearings that render it entirely free from play. The probe yoke is provided with a safety clutch as a precaution against damage to the instrument should the probe hang up on some obstacle while in motion.

Advantages:

Contrary to other aligning methods, the machine is in motion during the aligning operation. Thus alignment takes place under the same conditions (uniform oil film on spindle bearings and constant speed) as the subsequent work. The dial remains stationary and is positioned to face the operator so that he may conveniently and accurately follow the process. During alignment the revolving probe and the working spindle form a single unit. Possible off centre of the tool chuck caused by an inaccurate chuck, closer, sleeve, etc., in no way influences the centering operation or its accuracy.

Code No. 63/6000

Chucking Possibilities:

8mm and 3/8", 1/2" and 5/8" draw-in collet chuck; three or four jaw chuck; inside Morse taper No.1. For larger inside tapers use standard taper sleeves.

Specifications:

Inside Diameter Range: 0.06" to 4.72"(1.5 to 120mm)
Outside Diameter Range: 0.04" to 4.33"(1.0 to 110mm)

Standard Set Includes:

- 1 Dial Indicator
- 1 Pendulum Probe 86"(22mm) (for small bores)
- 2 Off-set Probes 98" and 1.89"(25 and 48mm)
- 1 Screw-on Morse Taper No.1
- 3 Screw-on Spacers 3/8", 1/2" and 5/8" or 10,12 and 16mm (please specify choice when ordering)
- 1 Stop-rod 160mm long (6-1/4")
- 1 Socket-head Wrench 0.08" (2mm)
- 1 Hardwood Case

