

BORING TOOL

PRODUCT DESCRIPTION: PEG 25-50

The PEG 25-50 boring tool is specially designed for use on aluminium cylinder heads with "cast-in" camshaft bearings. The tool will rebore camshaft bearing surfaces to any size with precision alignment, on warped cylinder heads or when the bearing surface must be filled or welded. It can be used on a wide range of cylinder head types.

COMPONENTS

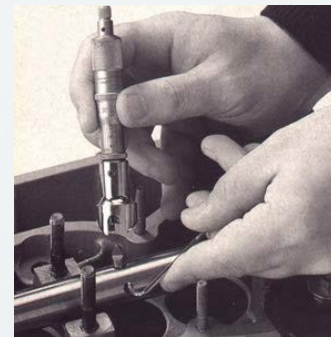
- Feed assembly with locking nut, support, attachment plates with locating bush and attachment ears
- Cutting with six (6) cutting bits
- End attachment plate with locating bush and attachment ears
- Centre support unit with bush
- Locating bush set
- Accessory kit, comprising: setup micrometer, hex bali driver, hex wrenches, spare cutting bit
- Carrying case

PRINCIPLES OF OPERATION

- Centering of the cutting bar for line boring is carried out by the use of locating bushes designed to fit in the cam oil seal and/or aia plug at either end of the cylinder head
- The cutting bar and locating bushes are held in position by the attachment ears. When these are secured to the upper valve cover gasket surface of the cylinder head, the cutting bar will be properly aligned
- The attachment ears are adjustable and will fit over valve cover studs (if available) or can be fixed by nuts, bolts and/or clamps or washer combinations. Ensure that the cutting bar can travel freely - a hogged or warped cylinder head causes friction on the bar. If necessary, adjust with spacers before completing attachment
- A centre support unit is provided with the tool. Because of the flex of the cutting bar, the unit must be used when the supports are widely spaced
- The cutting bits are spring loaded, with locking nuts to secure them in the correct position (fig 3)
- The boring tool is driven by coupling to a portable drill provided with a hex bali drive bit (fig 4). Rotation must be clockwise, otherwise the bar will not be pulled towards the other end
- Before motorizing the bar, tighten the feed bush well (fig 5) to avoid the bar running free
- The micrometer gives a direct reading of the cutting radius
- Removing material from bearing caps follows the same principle as re-sizing connecting rods. A smaller hole will be obtained only on top and this can be bored back to its original size and alignment

SPECIFICATIONS

Cutting tips	6 Pz.
Locations available for tips	12
Race boring max	90 mm
Diameter boring min	24 mm
Diameter boring max	40 mm
Electric power	lead screw type
Feed per revolution	0,05 mm
Speed Linear Power	400 - 600 giri/min
Shipping Weight	10 Kg



Note: We reserve the right to modify the design & specifications because of continuous improvement.