

# ■ Serco TA 240

Portable Boring Machine

TA 240

Ø 320 - 900 mm (12.5" – 35.4")



## Description:

The SERCO TA 240 machine is a portable boring machine to which three different boring heads can be fitted depending on the range of diameters to be covered:

TA 240 borer equipped with a TA 100 head:

- Bores up to 320 mm (12.6") in diameter
- Maximum radial feed 30 mm (1.18")

TA 240 borer equipped with a TA 120 head:

- Bores up to 400 mm (15.7") in diameter
- Maximum radial feed 40 mm (1.57")

TA 240 borer equipped with a TA 170 head:

- Bores up to 600 mm (23.6") in diameter
- Maximum radial feed 60 mm (2.4")

TA 240 borer equipped with a TA 220 head:

- Bores up to 900 mm (35.4") in diameter
- 100 mm(3.9") maximum radial feed
- Equipped with 4 special positioning columns and a set of four long-length arms for clamping on diameters from 350 mm (13.8") to 1210 mm (47.6").

REF.	DESCRIPTION
TA 240 / 100	TA 240 borer equipped with the TA 100 head - facing Ø: 0-320 mm (12.6")
TA 240 / 120	TA 240 borer equipped with the TA 120 head - facing Ø: 0-400 mm (15.7")
TA 240 / 170	TA 240 borer equipped with the TA 170 head - facing Ø: 0-600 mm (23.6")
TA 240 / 220	TA 240 borer equipped with the TA 220 head - facing Ø: 0-900 mm (35.4")



## Applications:

Machining liner bearing surfaces on SULZER engines.

Resurfacing six upper bores Ø 505 followed by positioning inserts.

Resurfacing six intermediate bores Ø 500 followed by positioning six inserts.

Tolerances to be met: 0.03 mm (.001").

SERCO equipment: TA 240 / 220.



Machining 6 cylinders + positioning inserts in ten days.



Machining grooves.