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# Chromium Plated Cylinder Bores

All makes and types of engines may be fitted with chromium plated cylinder bores, usually by fitting a sleeve to the parent block. This is a guiding rule and it is essential to ensure that the cylinder bore material and the piston ring coatings are compatible.

## **CHROMIUM PLATED RINGS MUST NOT BE FITTED INTO CHROMIUM BORES**

If there is any doubt regarding the cylinder bore material the application of a copper sulphate solution will determine whether the ring coating and/or cylinder bore surface is chromium plated.

## **Chrome Detection**

- Ensure the checked surface is free from oil and grease.
- Apply a copper sulphate solution to a small area and rub.
- A chromium surface will remain bright and untarnished.
- A plain cast iron surface will immediately show a copper deposit.
- Wipe the copper sulphate solution clear from the tested area.
- Repeat test on all suspect surfaces.

**Remember! CHROME PLATED RINGS MUST NOT BE FITTED IN CHROME PLATED BORE**