

**HOFMANN
ENGINEERING**

HYDRAULIC EXCAVATOR

REPLACEMENT PARTS

BUCYRUS
TERREX - O & K
KOMATSU
LIEBHERR
CATERPILLAR



SLEW RINGS AND BEARINGS

Since 1969 Hofmann Engineering has provided specialist engineering services to Australia's industry leaders.

Quality Assurance certification by Lloyds complements our total quality culture.

Our commitment to continuous quality improvement touches every aspect of our products, services and customer support.

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When it comes to designing machines that can be all things to all people OEM's are always between a rock and a hard place. In the final product, this inevitably leads to compromises.

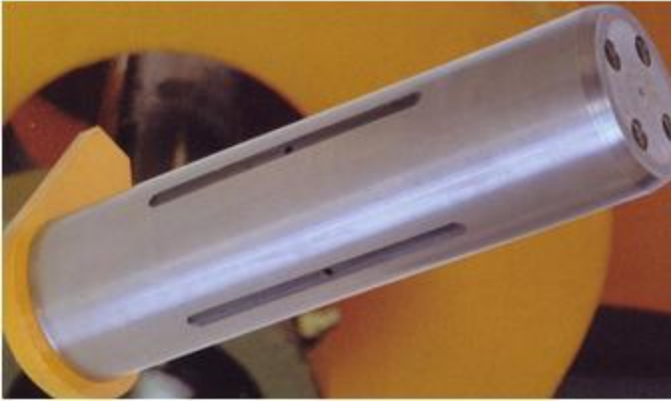
We have the flexibility and expertise to custom design components that will provide **outstanding performance in your particular application**



Track Pads

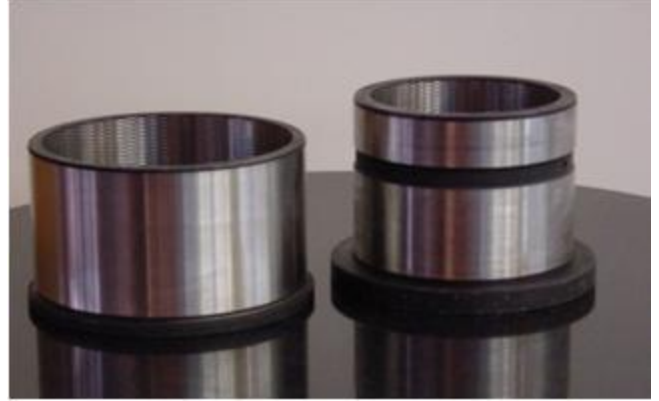
Replacement parts





PINS

- Deep case Induction Hardened and precision ground.
- Retro-fit "floating" pin designs available.
- We can offer a range of solutions to individual pin problems, including re-design of lubrication paths either through pin or bush to achieve considerable life expectancy gains.



BUSHES

Designed and manufactured to suit your specific requirements. A selection of:

- Materials.
- Heat Treatment processes.
- Surface coatings.
- Lubrication groove design. Traditional figure eight or fish-netting is available.



TRACK PADS

- *Manganese Steel* Up To 18%.
- *Alloy Steel* quench and tempered.
- *Induction Hardened Alloy Steel* quench & tempered and then deep case Induction Hardened on running path and in the track connecting bores.



PLANETARY GEAR BOXES (Slew and Final Drive)

- Full or partial strip down n.
- Replaced with new improved high performance gearing.
- Fully assembled, test run & technical report submitted.
- Onsite inspections also available.



SLEW RINGS AND BEARINGS

- Manufactured new, or refurbish your old components.
- Re-machine, induction harden and fit oversize rollers to reclaim worn slew bearings.



PRODUCT IMPROVEMENTS ON REVERSE ENGINEERED PARTS.

- *Co-ordinate Measuring Machine* to ensure precision measurement of components.
- *Metallurgical Laboratory* to analyse Chemistry, Hardness & Microstructure.
- *Engineering Office* with full CAD, CAM, FEA and gear design software.