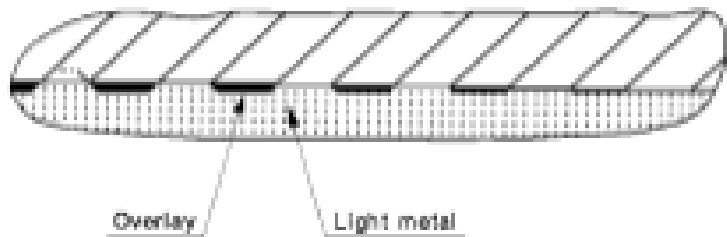
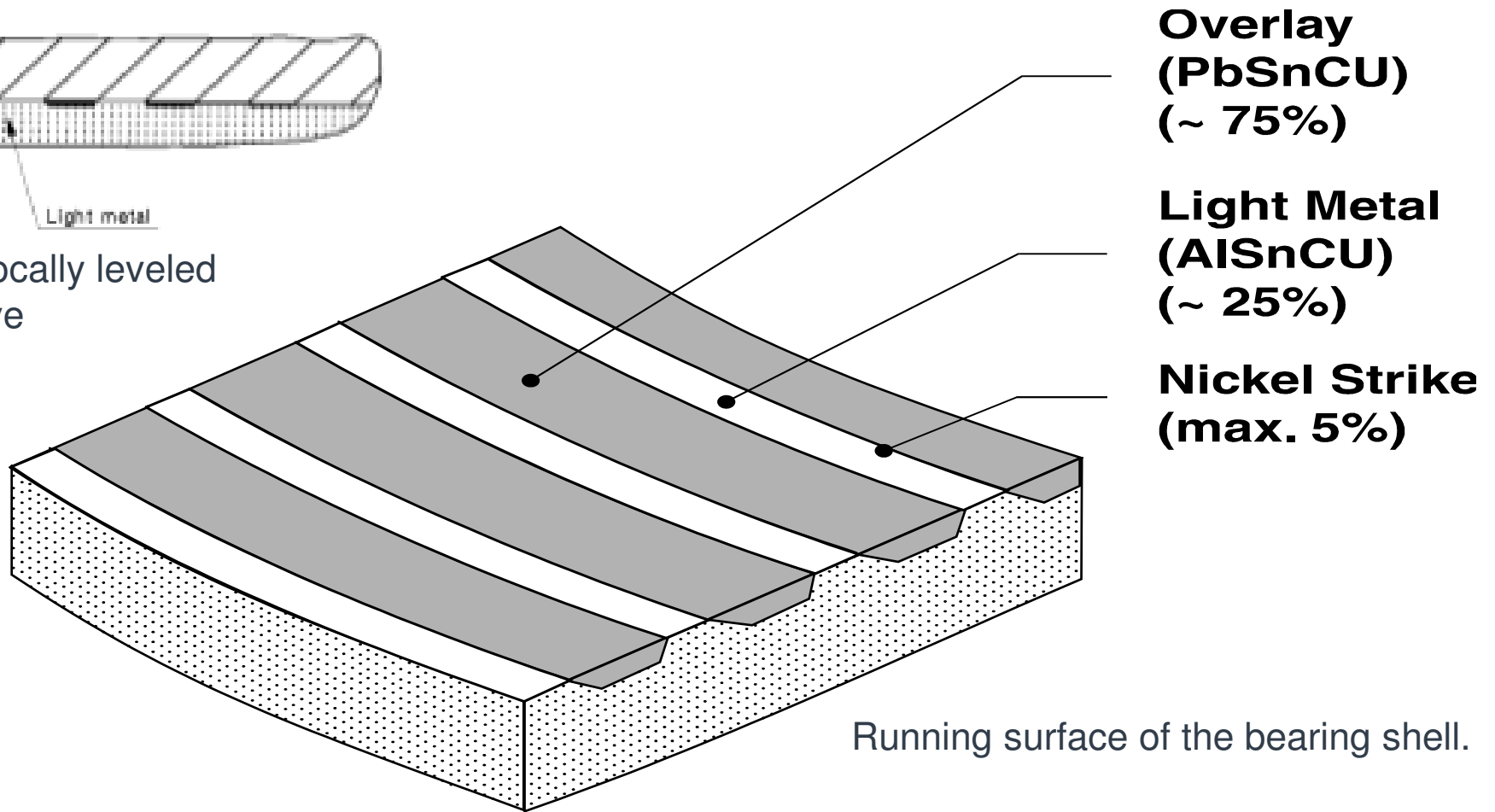


# L23/30H, Piston, Con. Rod and Cyl. Liner

## - Connecting rod-bearing shell, Ridge bearing



The slots are locally leveled  
as shown above



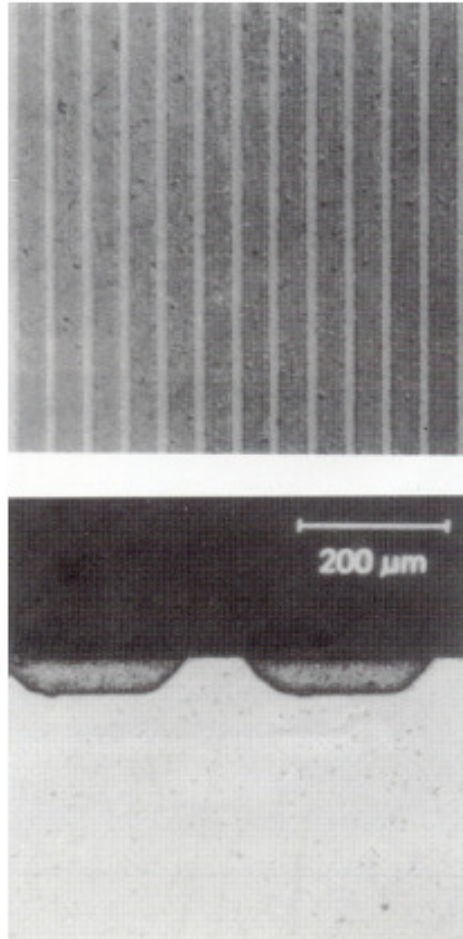
# L23/30H, Piston, Con. Rod and Cyl. Liner -Connecting rod-bearing shell



Condition: The slot geometry corresponds to a new bearing shell. The overlay in the slots is fully preserved, Dark spots are mainly oil coke remains.

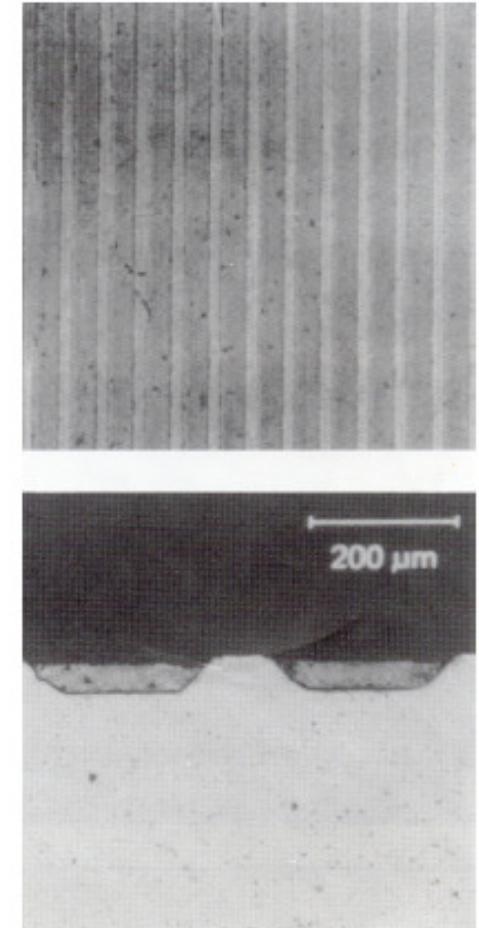
Valuation: The ratio between light-alloy metal and overlay is 75 % to 25 %.

**Re-use!**



Condition: The overlay is equally worn, approx. 0.005 mm in the slots. The light-alloy strips show no wear, see fig. 3. Dark spots are mainly oil coke remains.

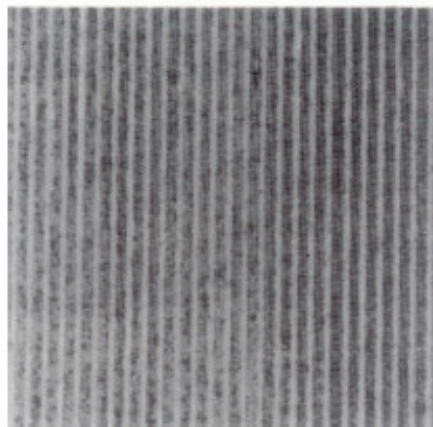
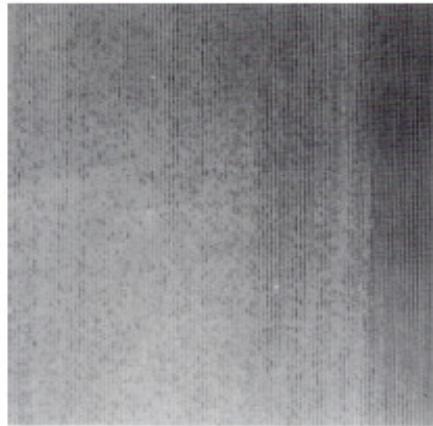
Valuation: Due to worn running surface the light alloy strips are slightly widened. **Re-use**



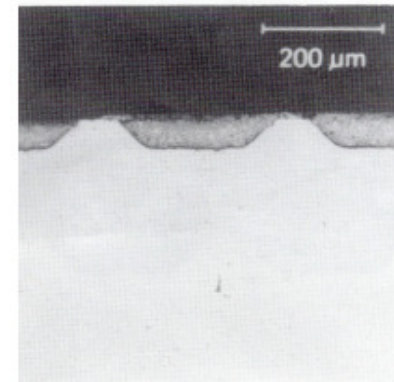
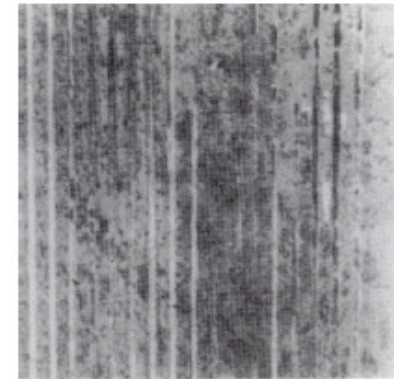
# L23/30H, Piston, Con. Rod and Cyl. Liner -Connecting rod-bearing shell



Condition: Small particles all over the overlay. The light- alloy metal shows no changes of importance,  
Valuation: **Re-use** of the shell, as the particles are wedged in the slots.



Condition: The overlay has been dragged and smudged over the light- alloy metal. These are only partly visible.  
Valuation: **Re-use** of the shell.

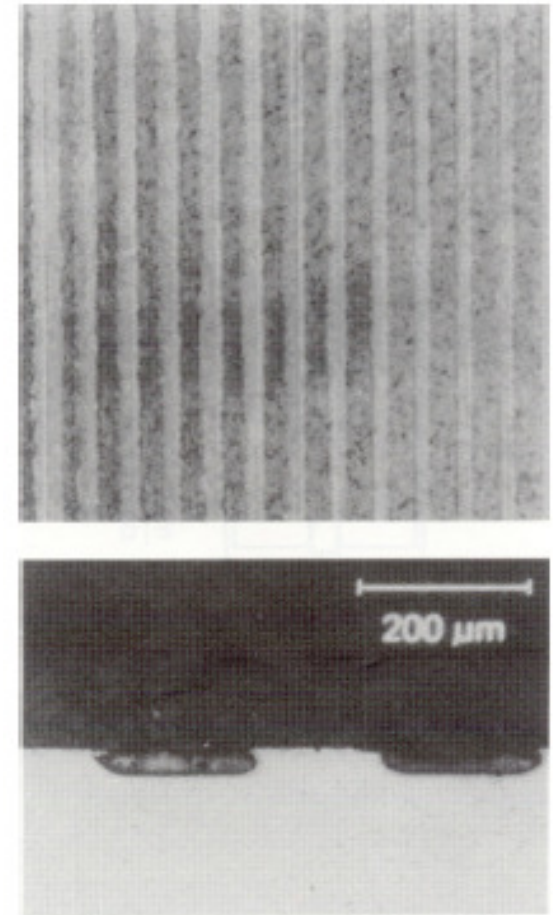
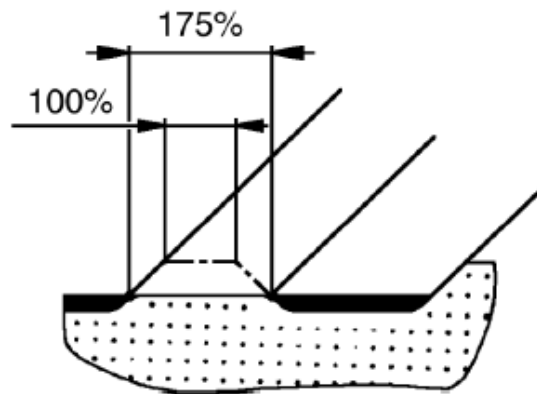


# L23/30H, Piston, Con. Rod and Cyl. Liner - *Connecting rod-bearing shell*

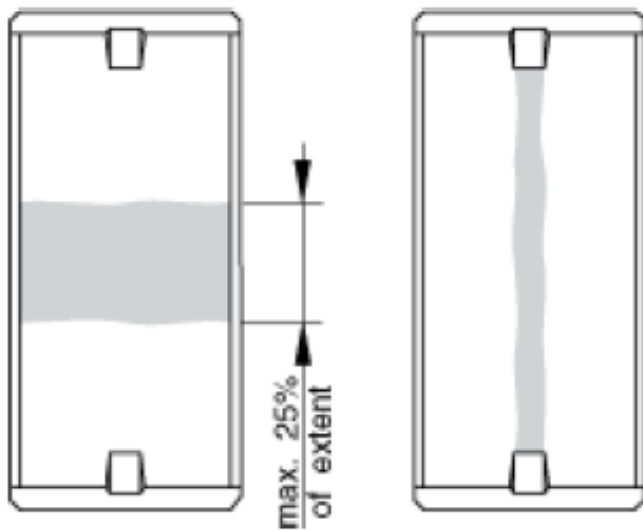


Condition: The bearing shell is locally so worn, that the ratio between the light-alloy metal and the overlay is 1:1. The width of the light-alloy metal has increased from 100 % (new bearing shell) up to 175 %. In the slots some overlay is still left,

Valuation: The bearing can operate with wear of the below listed size, see fig. 8 og 9. If the wear limits are exceeded the bearing shells **must be exchanged** due to safety precautions.

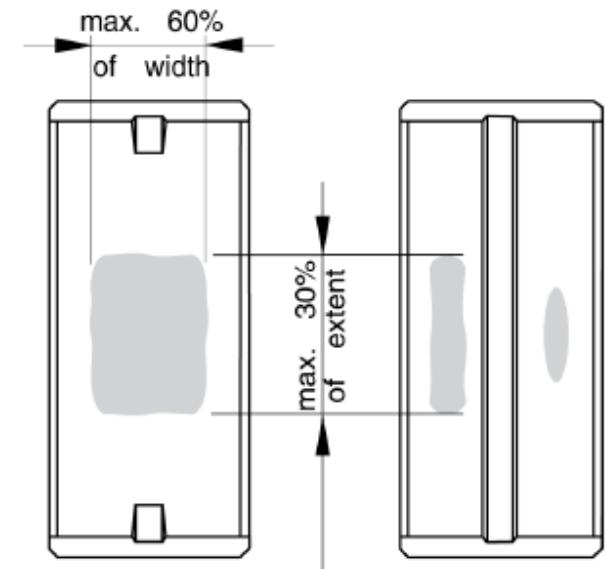


# L23/30H, Piston, Con. Rod and Cyl. Liner - *Connecting rod-bearing shell*



Valuation:

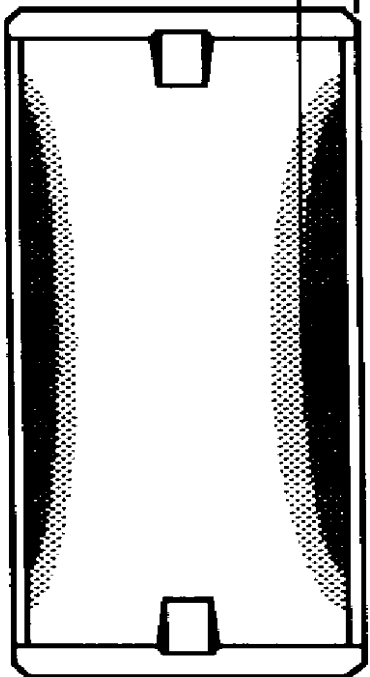
- The bearing can operate with wear of the shown size.
- If the wear limits are exceeded the bearing shells **must be exchanged** due to safety precautions.



# L23/30H, Piston, Con. Rod and Cyl. Liner -Connecting rod-bearing shell

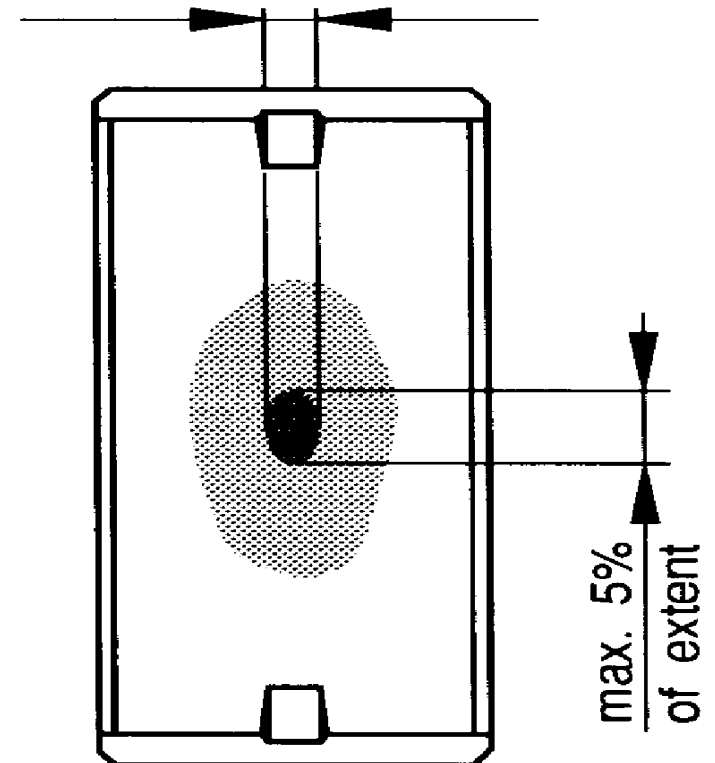


max. 10% of width or  
max. 5 mm



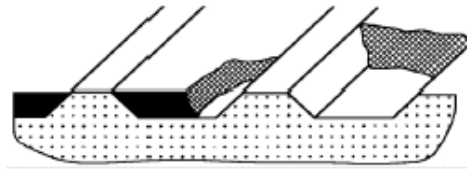
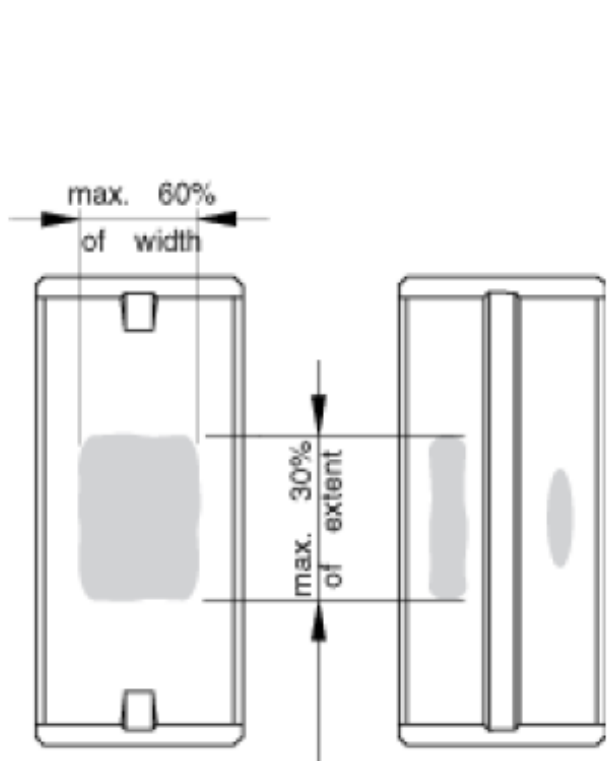
- If the limits, as shown above,
- are exceeded,
- The bearing shells must be **exchanged.**

max. 10% of width





# L23/30H, Piston, Con. Rod and Cyl. Liner - *Connecting rod-bearing shell*



Condition: Breakage in the overlay due to local overload, as shown.  
Valuation: If the limits as shown are exceeded with totally or partially empty slots, the bearing shells must be exchanged.

max. 10% of width or  
max. 10 mm

