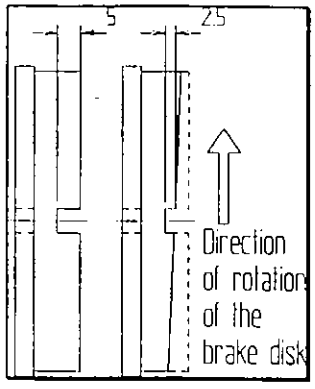
Checking and changing of brake blocks

The checking and changing of the brake blocks forms part of thescope of maintenance of the ORTLINGHAUS tension brake (series 0-454-...). Frictional surfaces and brake blocks must be kept free of grease and oil.

Checking the brake blocks

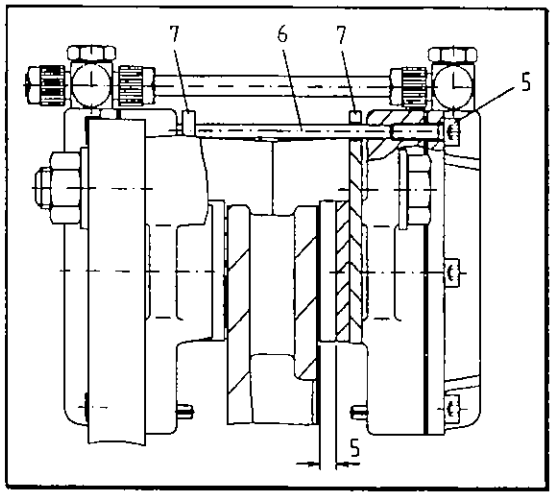
A slot, which is initially 5mm deep, is milled into the brake lining. The brake block must be changed when the lining has been worn down to level with the base of this slot. If a change is not carried out at this point, damage to the brake disk or caliper can occur.



Operating the brake primarily in one direction of rotation can lead to the brake lining being worn off in an uneven manner. This uneven wear can be compensated for by changing the two brake blocks of a caliper around. This should be done when wear of approx. 2.5 mm has taken place (half slot depth). If the lining is worn down to the base of the slot on one side, a new brake block must be fitted.

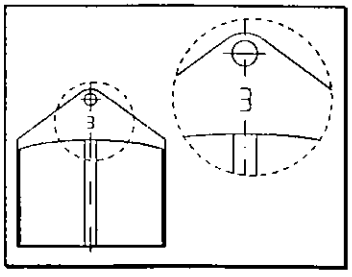
Attention: Use only origingal ORTLINGHAUS brake blocks.
Art. No.: 2-454-532-34-0 _ _
The last digit is the code for the coefficient of frcition (see "Characterizing of the brake blocks").

Changing the brake blocks



- Depressurize the brake
- Unsrew the hexagon socket screw (5)
- Remove the positioning pin (6) through the tapped hole
- Draw out the brake block (7)
- Check the brake block for furrows.
  If bad furrows have built up on the brake disk, this can lead to accelerated wear of the new brake block. In this case the brake disk should be renewed.
- Insert the new brake blocks.
  Attention: Use only original ORTLINGHAUS brake blocks (Art. No.:2-454-532-34-...)
  Check that the coefficient of friction is correct! (see "Characterizing of the brake blocks").
- Fit the positioning pin (6) in such a way that the brake blocks are held in position.
- Fit the hexagon socket screw (5) and tighten it up.

Characterizing of the brake blocks



To characterize each brake block, a digit is stamped on the carrier plate at the top of the brake block. This digit gives the coefficient of the brake block in accordance with the following table:

Digit	Coeff. of friction μ	Artikel. No.
1	0,15	2-454-532-34-0_1
3	0,3	2-454-532-34-0_3
4	0,4	2-454-532-34-0_4

standard _0_
brake block with connection for wear display _1_

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