

Assembly instructions

isel-shaft slides WS 1, WS 3, WS 4, WS 5, WS 6; WS 11; IWS 1

isel[®]
From Components to Systems

General information

- Upon delivery, the shaft slides are conserved with oil. There is no need to remove this oil.
- Lubricate now and then about every 300 operating hours the shaft slides over the grease nipples. Therefore please use the fat GP00/000F-20 according to DIN 51 502 (Item-No.: 299031) or equivalent fat.
- Treat the components very carefully during transport and installation, there are precision parts.
- Avoid soiling.
- The operating temperatures are between - 10 °C and + 70 °C.

Mounting of the shaft slide

Slide the shaft slide carefully onto the rail on, push the shaft slide easily back and forth. If the shaft slide does not have the desired preload, you can readjust the bearings.

Adjustment of the shaft slide

As needed, you can easily readjust the shaft slides on the guide rail, in order to achieve an optimum operation and a long life. For this, the shaft slides have the adjustment screws on the underside of the bearing.

1. Loosen all set screws - just slightly loosen, do not remove.
Between the bearing and rail is play now.
2. Move the carriage to the rail back and forth.
3. Tighten all set screws evenly step by step (crosswise)
4. Repeat the process (point 2 and 3) until the carriage moves without play and relatively easy.

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isel-shaft slide

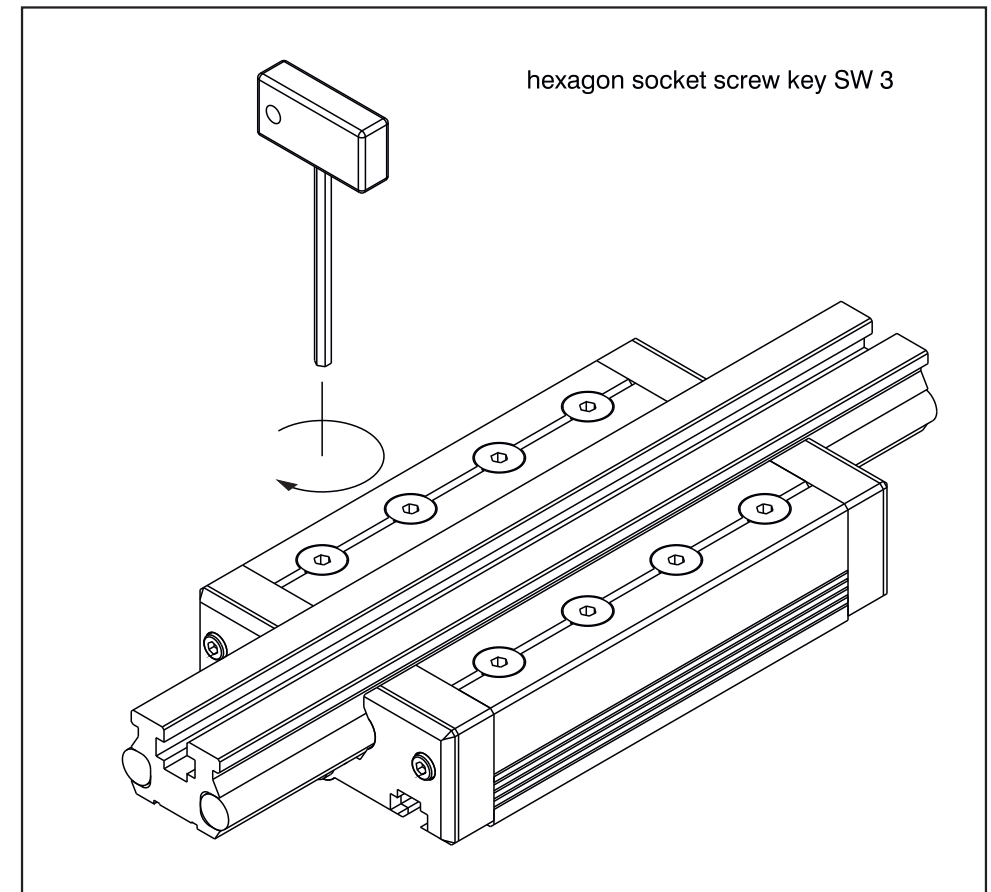
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The preload depends on your application.

When the slide jerks strong, the bearings are too tight.



An over-preload of the bearings reduces the life.
You notice it, when the slide is too tight and it is difficult to move it on the guide rail.



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