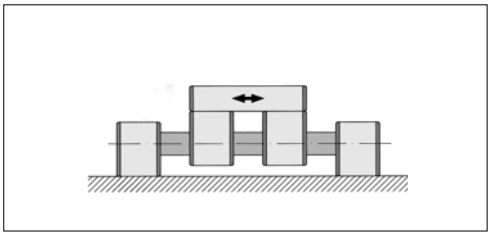
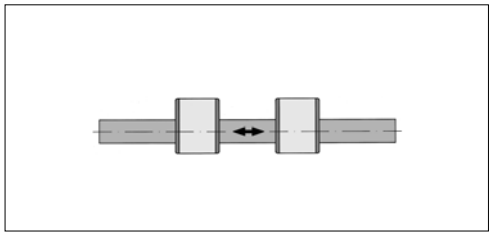
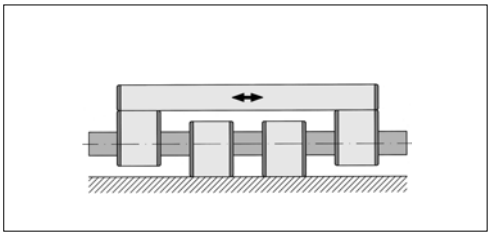
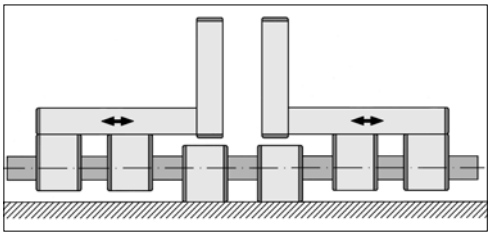
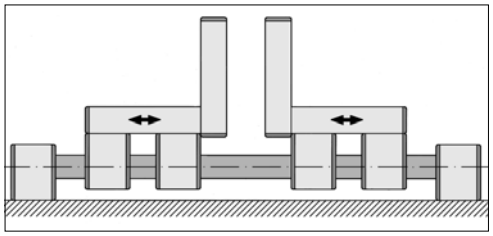
Guide Alternatives

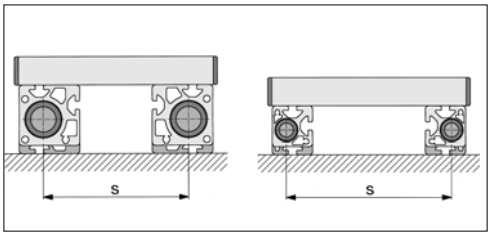








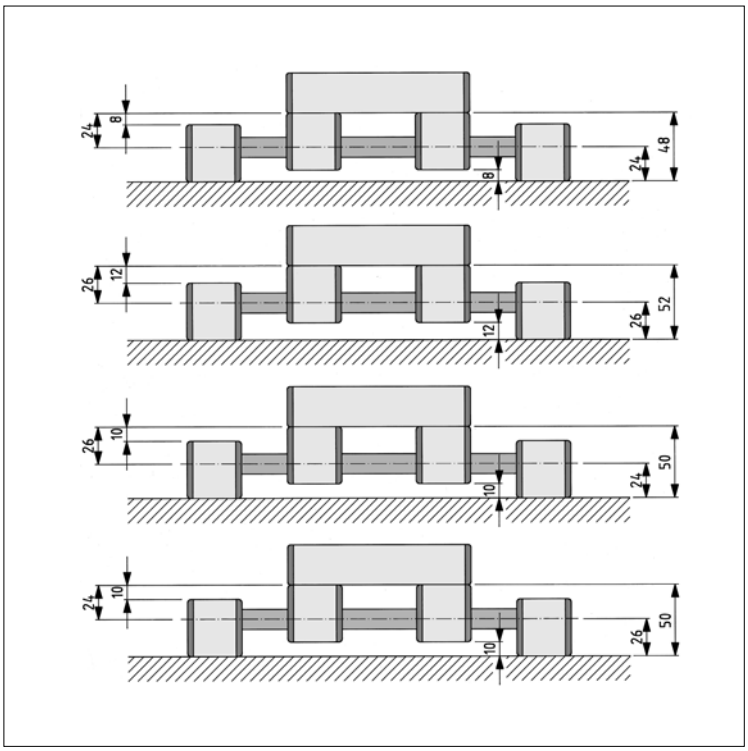




The ball-bush block guides allow versatile design. Dimension s can be adjusted for different support widths.

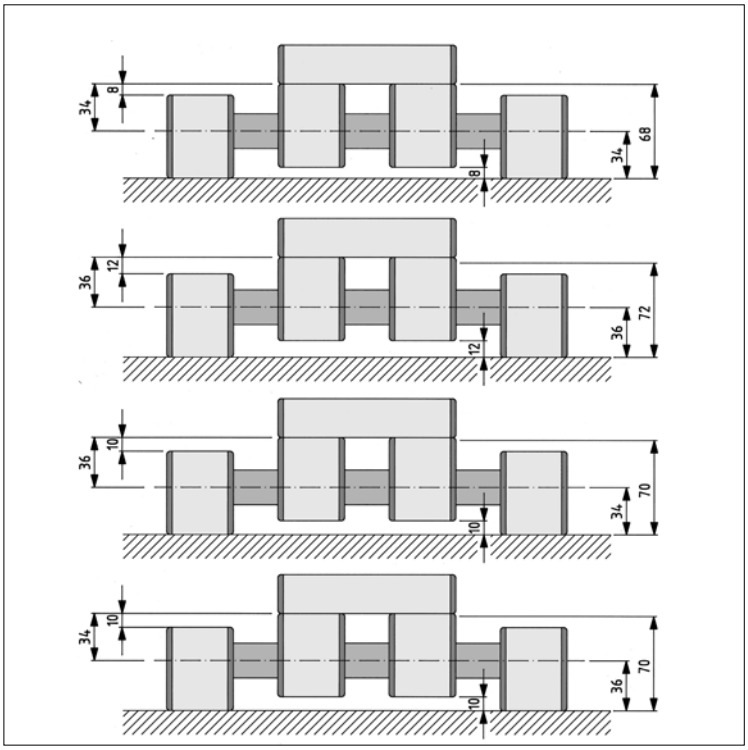
Mounting Levels

8 40x40



The asymmetric structure of the Bearing Blocks and the use of various screw-attachment areas offer a selection of construction heights.

Mounting Level
8 60x60



Load Specifications

The various sizes 14 and 25 permit slide loads of between 500 and 1500 N. The maximum travelling speed is 2 m/s.

Calculation of Service Life

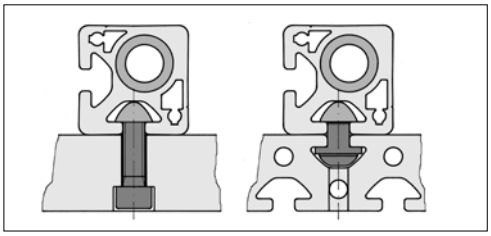
$$L = \left(\frac{C}{P}\right)^3 \cdot 100 \quad \text{in km}$$

$$L_h = \left(\frac{C}{P}\right)^3 \cdot \frac{1666}{\bar{v}} \quad \text{in h}$$

$$S_0 = \frac{C_0}{P}$$

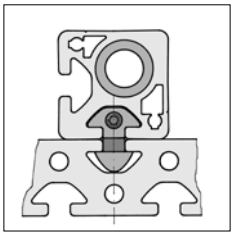
L	=	Service life	in km
L_h	=	Service life	in h
C	=	Dynamic load factor	in N
P	=	Load	in N
$\bar{v}$	=	Mean slide speed	in m/min
S_0	=	Static load safety factor	> 3
C_0	=	Static load factor	in N

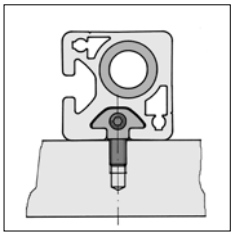
Assembly Tips



Connection of Bearing Blocks with Profiles 8 or other components is possible from the outside with the help of T-Slot Nuts 8 St.

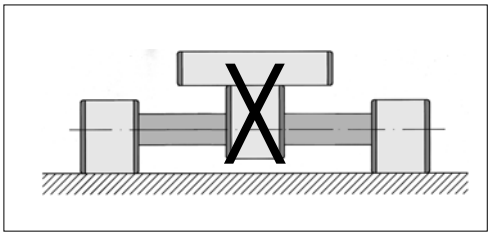
Assembly Tips



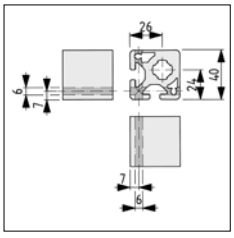


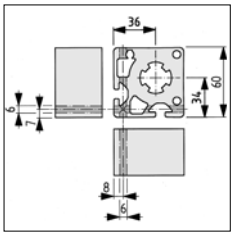
The Bearing Blocks can be secured to other profiles using Direct Fastener 8 without any machining. Access to the fastener is from the profile end face.

Where it is desired to attach to other components they must be drilled and tapped M6.



An individual Ball Bush is unable to absorb any moment. It is therefore always necessary to use two shafts for a guide system, with at least two Ball Bushes being located one after the other on a single shaft.
The distances must be appropriate for the moment loads.





The blocks can be pinned in the areas marked (depending on requirements).