



PRODUCT INFO

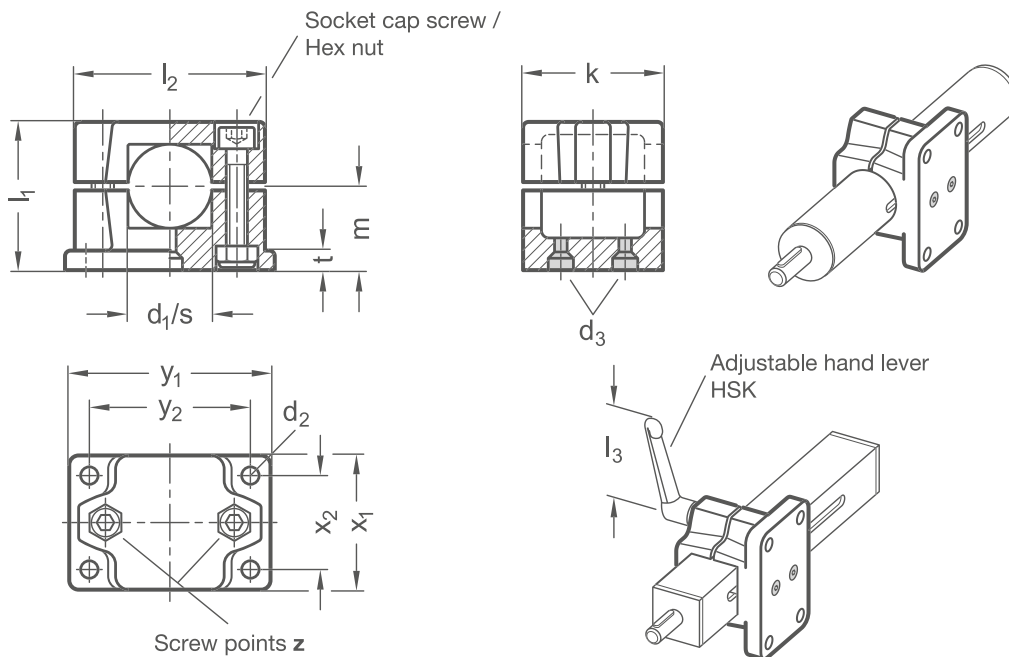
Flanged linear unit connectors FM.E of die-cast aluminum have a split guide element bore machined by cutting methods. This is arranged in the plane parallel to the face of the flange.

Together with the guide tube of the linear unit, the guide element bore forms a solid linear round or square guide mechanism that can be adjusted and clamped for low play. Centering bushes in the pass-through bores eliminate axial play. Drive keys transmit the linear movement of the linear unit to the guide element.

Depending on the design, the part to be moved is fastened to the guide element or the guide element itself is installed at the place of use such that the entire linear unit moves together. At the screw points, hex socket cap screws or adjustable hand levers reduce the guide element bore size.

Adjustable hand levers are intended for repeated, tool-free clamping. Under the designation HSK, these are available separately for individual use and in other designs. Compared with the tool-operated hex socket cap screw, the clamping force achievable with an adjustable hand lever is lower due to the shorter lever length.

RoHS-compliant product



Clamping point		d ₂	Mounting screws on the drive key d ₃	Clamping length k	l ₁	l ₂	m	t	x ₁	x ₂	y ₁	y ₂	Hex socket cap screws	Accessories recom. hand lever
Bore d ₁	Square s													HSK for z lever length l ₃
B 30	V 30	6,5	M 4	50	53	68	30	7	50	35	75	60	M 8-35	78
B 40	V 40	11	M 5	76	81,5	98	46,5	14	76	50	115	90	M 10-60	92
B 50	V 50	11	M 6	76	81,5	98	46,5	14	76	50	115	90	M 10-60	92

Screw points

Z

1	Hex socket cap screw steel, zinc-plated DIN 912-8.8 and lock nut steel DIN 985-8, zinc-plated
2	Hex socket cap screw stainless steel DIN 912-A2-70 and lock nut stainless steel DIN 985-A2, glide coating

Surface

O

2	textured powder-coated, Black RAL 9005
8	blasted, matt

ORDER KEY

FM.E - d₁ / s - z - o



ACCESSORIES

– Adjustable hand levers **HSK** see page 168

ON REQUEST

– Surface
ball-burnished, anodized or powder-coated in other RAL colors