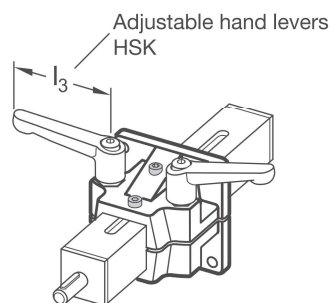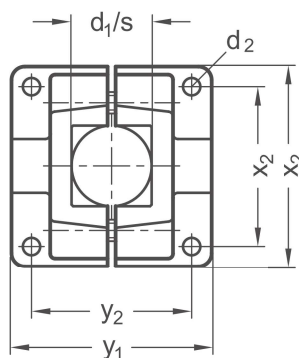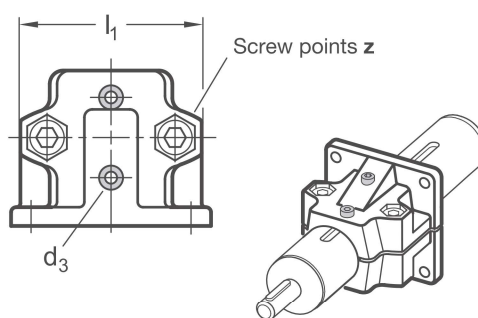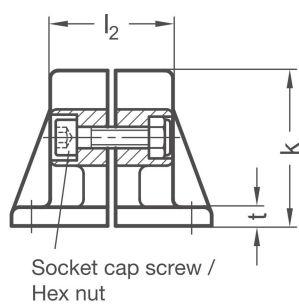**2B**

PRODUCT INFO

Base linear unit connectors BM.E of die-cast aluminum have a split guide element bore machined by cutting methods that is oriented perpendicular 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. Drive keys transmit the linear movement of the linear unit to the linear unit connector.

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

Socket cap screw / Hex nut

Screw points **z**

d_3

d_1/s d_2

Adjustable hand levers HSK

Clamping point			Mounting screws on the drive key	Clamping length								Hex socket	Accessories recom. hand lever
Bore d_1	Square s	d_2	d_3	k	l_1	l_2	t	x_1	x_2	y_1	y_2	cap screws	HSK for z lever length l_3
B 30	V 30	7	M 4	58	69	46	7	75	60	75	60	M 8-35	78
B 40	V 40	11	M 5	91	98	70	14	115	90	119	90	M 10-60	92
B 50	V 50	11	M 6	91	98	70	14	115	90	119	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   BM.E - d$_1$ / s - z - o

Base linear unit connector
Clamping point
Screw points
Surface

ACCESSORIES

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

ON REQUEST

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