



### PRODUCT INFO

**Joint clamps GSQ** of die-cast aluminum have slitted clamping points machined by cutting methods. They are comprised of swivel clamps LST and LSQ.

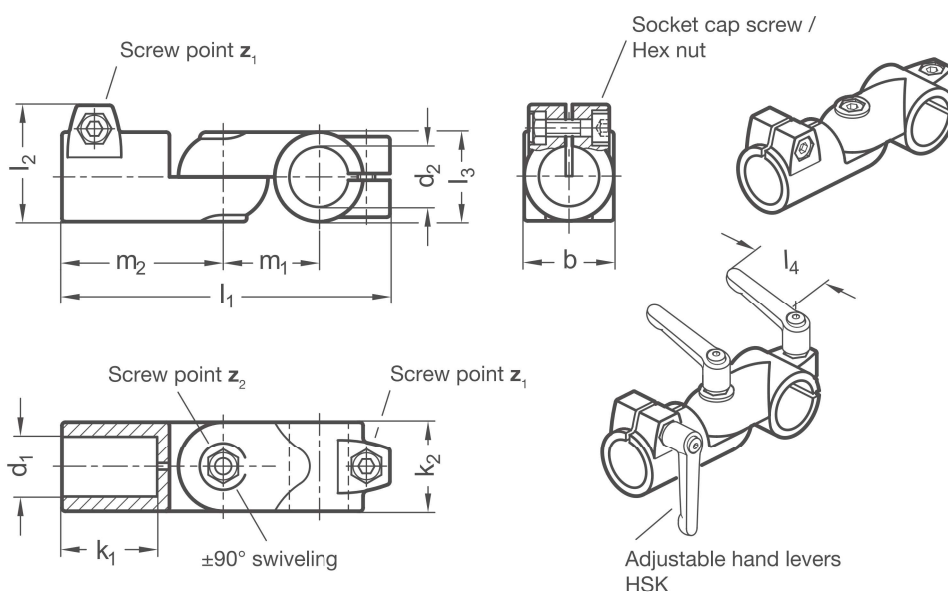
The clamping point bores are situated in a plane and are connected by the clamping joint to swivel by  $\pm 90^\circ$ , from perpendicular to parallel. They receive typically available construction tubes with full surface contact over the entire cross-section of the bore.

At the screw points, hex socket cap screws or adjustable hand levers reduce the bore cross-section for clamping.

A hex socket cap screw or an adjustable hand lever at the clamping joint serves for locking the joint axis. The clamping joint can be adjusted either steplessly or based on the serration pattern.

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 1	Clamping point 2	Lug width <b>b</b>	<b>k<sub>1</sub></b>	<b>k<sub>2</sub></b>	<b>l<sub>1</sub></b>	<b>l<sub>2</sub></b>	<b>l<sub>3</sub></b>	<b>m<sub>1</sub></b>	<b>m<sub>2</sub></b>	Hex socket cap screw <b>z<sub>1</sub></b>	Hex socket cap screw <b>z<sub>2</sub></b>	Accessories recom. hand lever	
Bore <b>d<sub>1</sub></b>	Bore <b>d<sub>2</sub></b>											HSK for z <sub>1</sub> <b>l<sub>4</sub></b>	HSK for z <sub>2</sub> <b>l<sub>4</sub></b>
B 20	B 20	40	42,5	40	147	52	40	43	72	M 8-25	M 8-30	-	78
B 25	B 25	40	42,5	40	147	52	40	43	72	M 8-25	M 8-30	78	78
B 30	B 30	40	42,5	40	147	52	40	43	72	M 8-25	M 8-30	78	78
B 40	B 40	65	74	65	230	77,5	65	70	115	M 10-50	M 10-55	-	92
B 42	B 42	65	74	65	230	77,5	65	70	115	M 10-50	M 10-55	-	92
B 45	B 45	65	74	65	230	77,5	65	70	115	M 10-50	M 10-55	92	92
B 48	B 48	65	74	65	230	77,5	65	70	115	M 10-50	M 10-55	92	92
B 50	B 50	65	74	65	230	77,5	65	70	115	M 10-50	M 10-55	92	92

Type  
**t**

S	Stepless adjustment
T	Adjustment with 15° division (serration)

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

GSQ - d<sub>1</sub> - d<sub>2</sub> - t - z - o

Joint clamp	_____
Clamping point 1	_____
Clamping point 2	_____
Type	_____
Screw points	_____
Surface	_____

## ACCESSORIES

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

## ON REQUEST

- Clamping points  
with different diameters d<sub>1</sub> and d<sub>2</sub> or special diameter
- Screw points  
with hex head screws or mixed screw /  
adjustable hand lever elements
- Surface  
ball-burnished, anodized or powder-coated in  
other RAL colors