

Clamping Claws

EH 23370.



PRODUCT DESCRIPTION

Clamping claws are used as precision clamping element in conventional fixtures. A locating hole is provided in the body of the fixture. The hole depth has to be adapted to the desired clamping height.

For the version with ground support surface (picture 1), a support can be attached to the rounded claw part (radius 22) to absorb the counter force. This support can be flat, half-rounded or V-shaped.

For the version with positioning bushing (picture 2), a support to absorb the counterforce is not necessary. The positioning bushing, which must be inserted into the fixture, serves as a support for the clamping claw. This bushing is included in the scope of delivery and can also be ordered separately as an accessory.

Clamping is achieved by means of an enclosed hexagon screw DIN 933 (ISO 4017).

Material

Bushing

- Case-hardened steel, case-hardened

Body

- Case-hardened steel, case-hardened, blackened and ground

Disc

- Heat-treated steel, tempered, punched, mechanically trued, phosphatized

Spring

- Spring steel wire

Clamping screw

- Heat-treated steel

MORE INFORMATION

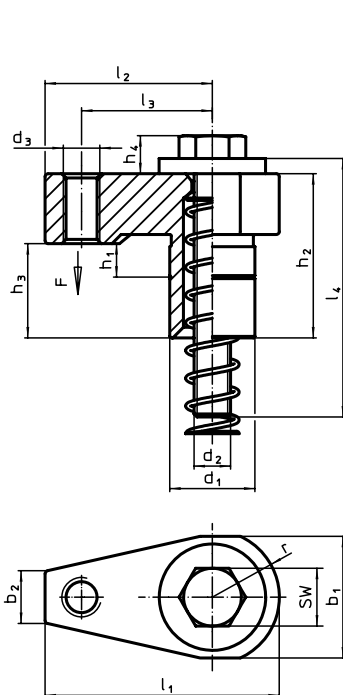
Notes

The tightening torque depends on the specific mounting situation.

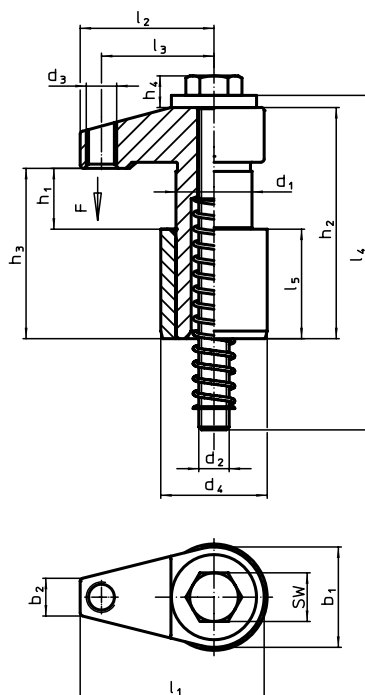
References

The clamping height can be reduced by using clamping inserts, e.g. EH 22730.

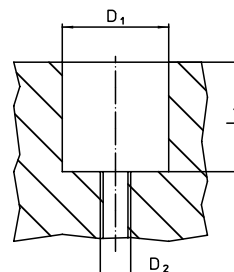
DRAWING



picture 1



picture 2



ORDER INFORMATION

Dimensions															Stroke	WS	Location hole			Clamp- ing force	Tight- ening torque max.		Art. No.
d ₁ f7	h ₁	b ₁	d ₂	d ₃	d ₄ n6	h ₂	h ₃	h ₄	l ₁	l ₂	l ₃	l ₄	l ₅	r ±0.02		D1 H7	D2	L1					
[mm]															[mm]	[mm]	[mm]			[kN]	[Nm]	[g]	
with ground supporting surface – picture 1																							
28	0 – 11	40.0	M12	M12	–	31	54	13	77.0	55.0	43	85	–	22	11	18	28	M12	49	10.0	30	523	23370.0031
	0 – 25	40.0	M12	M12	–	53	76	13	77.0	55.0	43	120	–	22	25	18	28	M12	51	10.0	30	614	23370.0053
	20 – 41	40.0	M12	M12	–	83	106	13	77.0	55.0	43	150	–	22	21	18	28	M12	64	10.0	30	770	23370.0083

