

**Swing Bolts • DIN 444, form B**  
22980.0312**Product Description**

Swing bolts similar to DIN 444 however, steel design with higher quality 8.8. The stainless steel A2-50 design has a tensile strength of min. 500 N/mm<sup>2</sup>.

**Material**

- Heat-treated steel, tempered, quality 8.8, black

**More information****Notes**

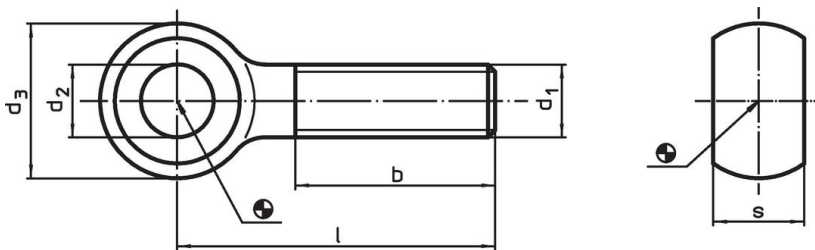
Special types on request.

**References**

For torques please refer to appendix - Technical Data -

**Further products**

- Swing Bolts, DIN 444, form B, quality 8.8 high precision design

**Drawing****Order information**

Dimensions			Art. No.
d <sub>1</sub>	l	d <sub>2</sub> H9 [mm]	
d <sub>3</sub>	b	s	[g]
Heat-treated steel			
M20	100	18	40
		46	22
		323	22980.0312

**Compliance****RoHS compliant**

Compliant according to Directive 2011/65/EU and Directive 2015/863.

**Does not contain SVHC substances**

No SVHC substances with more than 0.1% w/w contained - SVHC list [REACH] as of 23.01.2024.

**Does not contain Proposition 65 substances**

No Proposition 65 substances included.

<https://www.P65Warnings.ca.gov/>

**Free from Conflict Minerals**

This product does not contain any substances designated as "conflict minerals" such as tantalum, tin, gold or tungsten from the Democratic Republic of Congo or adjacent countries.