

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

22980.0103

**Product Description**

The high precision design swing bolts exceed the DIN Version's quality. The thread is rolled - the shaft diameter is equal to the roll diameter. The surfaces -s- are machined.  
Bore tolerance  $d_2 = H7$ .

**Material**

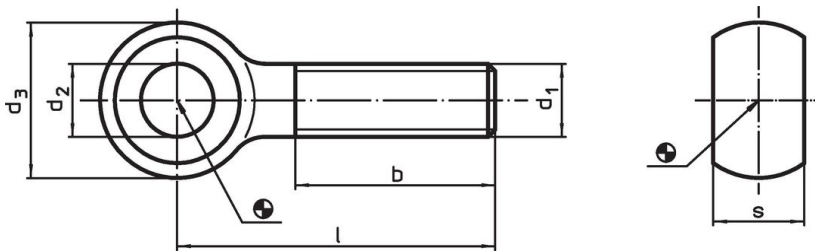
- Heat-treated steel, tempered, quality 8.8, black


**More information****References**

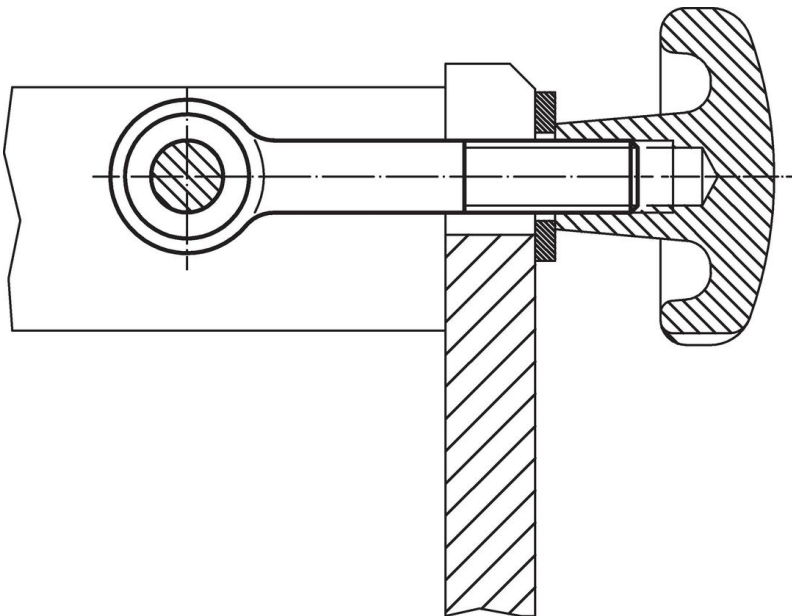
For torques please refer to appendix - Technical Data -

**Further products**

- Swing Bolts, DIN 444, form B

**Drawing****Order information**

Dimensions						 [g]	Art. No.
$d_1$	$l$	$d_2$ H7	$d_3$	$b$	$s$ -0.2		
M10	50	10	20	26	12	38	22980.0103

**Application example**

## 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.