# Ball-Ended Thrust Screws • headed, ball protected against rotating



# **Product Description**

Ball-ended thrust screws can also be used for clamping, tightening or supporting of non-parallel surfaces

The flat-faced, movable ball enables a flat load transmission.

#### Materia

#### Ball

· Ball-bearing steel, hardened

#### Screw

Heat-treated steel, 1200 ±100 N/mm<sup>2</sup>

## More information

#### Notes

Note: Thread runout I<sub>4</sub>!
Ball protected against rotating.
Special types on request.

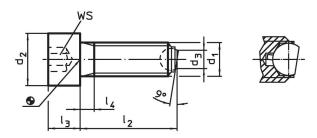
#### References

Thread lock on request, please refer to appendix - Technical Data -

## **Further products**

• Ball-Ended Thrust Screws, headed, flatfaced ball

# **Drawing**

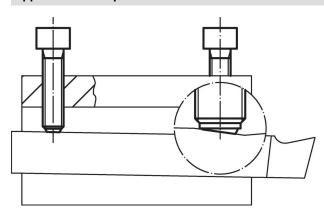


# Order information

Dimensions							ws	Load capacity	I	Art. No.
d <sub>1</sub>	l <sub>2</sub> ~	d <sub>2</sub>	d <sub>3</sub>	l <sub>3</sub>	I <sub>4</sub>	Ball diameter		for static load <sup>1)</sup> max.		
[mm]							[mm]	[kN]	[g]	
flat-faced ball, bearing surface ribbed, Heat-treated steel										
M12	50	18	7.2	12	5	8.5	10	18	52	22700.0224

<sup>1)</sup> Statements on load capacity are not valid for the stainless steel type.

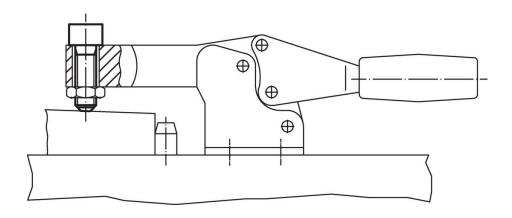
## **Application example**



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# 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 27.06.2024.

## 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.



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