



Metric table

Dimensions in: millimeters - inches

d ₁	d ₂	d ₃	h	For screws with thread size	Static load	
					Steel	Stainless steel
32 1.26	8 0.31	18 0.71	14 0.55	M 8	30 kN 6744 lbf	40 kN 8992 lbf
32 1.26	10 0.39	18 0.71	14 0.55	M 10	50 kN 11240 lbf	55 kN 12364 lbf
32 1.26	12 0.47	18 0.71	14 0.55	M 12	50 kN 11240 lbf	55 kN 12364 lbf

Specification

- Housing
Plastic
Technopolymer (Polyamide PA)
 - Glass fiber reinforced
 - Temperature resistant up to 176 °F (80 °C)
 - Black-gray, matte finish
- Axial ball bearing
 - Rolling bearing steel, plain finish **ST**
German Material No. 1.3505
Contact plate
Steel, zinc plated, blue passivated finish
 - Rolling bearing **NI**
Stainless steel AISI 440C
Contact plate
Stainless steel AISI 303
- *Stainless Steel Characteristics* → page QVX
- *Plastic Characteristics* → page QVX
- *RoHS compliant*

Information

Used in connection with clamping screws, e.g. star knobs, EN 6344 washer rings with axial ball bearing have the following advantages:

- Almost double the clamping force due to lower surface friction
- Fixed contact surface protecting the piece to be clamped

How to order	1
EN 6344-ST-32-10	Material of the axial ball bearing
	2 Outer diameter d₁
	3 Inner diameter d₂

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10