Spherical Washers / Conical Seats · similar to DIN 6319, stainless steel
23050.0316

Product Description

Spherical washers / Conical seats are used as washers in a screw connection to compensate non-parallel surfaces.

Material

Spherical washer
• Stainless steel 1.4305

Assembly

Conical seats form D are to be used only for plain, closed round areas.
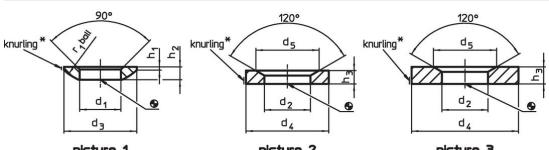For larger holes only use form G!

Characteristic

Types from stainless steel A4 with marking (knurling) according drawing.
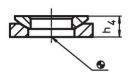
More information

Further products

• Spherical Washers / Conical Seats, DIN 6319
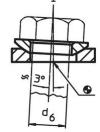• Fixture Nuts, DIN 6330 (height 1,5 d)

Drawing

picture 1   picture 2   picture 3

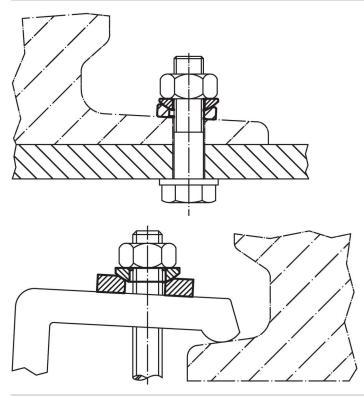* Knurling = material identification for stainless steel A4 type

Order information

d$_1$ H13	d$_3$	h$_1$	h$_2$	h$_4$ with conical seat form D ~	h$_4$ with conical seat form G ~	r$_1$	For pin d$_6$	For screws d$_6$	Load capacity for static load max.	Torque for screwed connections[1] max.	[g]	Art. No.
				[mm]			[mm]	[mm]	[kN]	[Nm]	[g]	
spherical washers from stainless steel, form C – picture 1, Stainless steel 1.4305												
17	30	1.3	5.3	9.3	10.1	22	16	M16	45	135	13	23050.0316

[1] Torques of screws with standard thread, eventual pre-loads to be considered, coefficient of friction μ_{total} 0.14.

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.