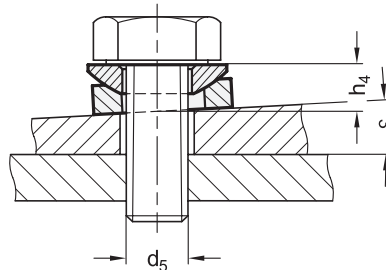


Assembly examples



SS Stainless Steel

2 Type

- C Spherical seat washer
- D Dished washer with  $d_3 = d_2$

Metric table



Dimensions in: millimeters - inches

d <sub>1</sub> H13 Type C	Type D	d <sub>2</sub>	d <sub>3</sub>	d <sub>4</sub>	d <sub>5</sub> Screw	h <sub>1</sub>	h <sub>2</sub>	h <sub>3</sub>	h <sub>4</sub> ≈	r	Max. transferable static bolt force
6.4 0.25	7.1 0.28	12 0.47	12 0.47	11 0.43	M 6	0.7 0.03	2.3 0.09	2.8 0.11	4.2 0.17	9 0.35	6 kN 1349 lbf
8.4 0.33	9.6 0.38	17 0.67	17 0.67	14.5 0.57	M 8	0.6 0.02	3.2 0.13	3.5 0.14	5.6 0.22	12 0.47	10 kN 2248 lbf
10.5 0.41	12 0.47	21 0.83	21 0.83	18.5 0.73	M 10	0.8 0.03	4 0.16	4.2 0.17	6.5 0.26	15 0.59	17 kN 3822 lbf
13 0.51	14.2 0.56	24 0.94	24 0.94	20 0.79	M 12	1.1 0.04	4.6 0.18	5 0.20	8 0.31	17 0.67	25 kN 5620 lbf
15 0.59	16.5 0.65	28 1.10	28 1.10	24.8 0.98	M 14	1.2 0.05	5 0.20	5.6 0.22	8.5 0.33	22 0.87	34 kN 7644 lbf
17 0.67	19 0.75	30 1.18	30 1.18	26 1.02	M 16	1.3 0.05	5.3 0.21	6.2 0.24	9.6 0.38	22 0.87	47 kN 10566 lbf
21 0.83	23.2 0.91	36 1.42	36 1.42	31 1.22	M 20	2 0.08	6.3 0.25	7.5 0.30	11.7 0.46	27 1.06	73 kN 16411 lbf
25 0.98	28 1.10	44 1.73	44 1.73	37 1.46	M 24	2.4 0.09	8.2 0.32	9.5 0.37	15.2 0.60	32 1.26	105 kN 23605 lbf
31 1.22	35 1.38	56 2.20	56 2.20	49 1.93	M 30	3.6 0.14	11.2 0.44	12 0.47	19.2 0.76	41 1.61	168 kN 37768 lbf

Specification



- Stainless steel AISI 316 Unhardened

A4

- ISO Fundamental Tolerances → page QVX
- Stainless Steel Characteristics → page QVX
- RoHS compliant

On request

- Stainless steel spherical washers, Type G with  $d_4 > d_2$  (enlarged outer diameter)

Information

Spherical washers DIN 6319 are used for clamping on non-parallel surfaces.

Thanks to the material used, the spherical washers are generally suited for particularly aggressive environmental conditions.

see also...

- Spherical Leveling Washers GN 350.3 (High Load Capacity) → page QVX
- Fixture Nuts DIN 6330 (with Spherical End) → page QVX

How to order

DIN6319-43-C-A4

- 1 Inner diameter d<sub>1</sub>
- 2 Type
- 3 Material