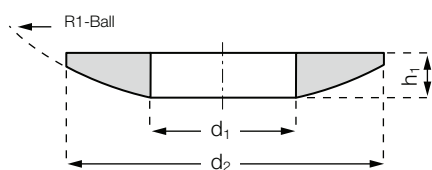


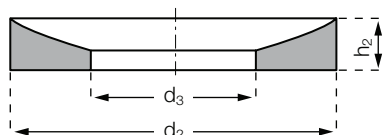
Spherical thrust bearing: SAM



Spherical washer



Housing pad



Technical data

| Part No. | Maximum static axial tensile strength | | Weight [g] |
|----------|---------------------------------------|-----------|---------------|
| | Short-term | Long-term | |
| | [N] | [N] | |
| SAM-05 | 4,000 | 2,000 | 0.9 |
| SAM-06 | 5,000 | 2,500 | 1.1 |
| SAM-08 | 8,000 | 4,000 | 2.2 |
| SAM-10 | 10,000 | 5,000 | 3.4 |
| SAM-12 | 12,000 | 6,000 | 5.9 |
| SAM-16 | 17,000 | 8,500 | 8.5 |
| SAM-20 | 22,000 | 11,000 | 12.8 |

Dimensions [mm]

| Part No. | d1 | d3 | d2 | h1 | h2 | H ³⁴⁾ | R1 | Compensation angle |
|----------|------------------------------|-------------------------|------|------------------|-------------|------------------|--------|--------------------|
| | Spherical washer DIN 7168 | Housing pad DIN 7168 | | Spherical washer | Housing pad | Total height | Radius | |
| SAM-05 | 5.2 | 7.0 | 15.0 | 3.0 | 3.5 | 4.7 | 15.0 | 3° |
| SAM-06 | 6.2 | 7.5 | 16.0 | 3.0 | 4.0 | 5.3 | 16.0 | 3° |
| SAM-08 | 8.2 | 10.0 | 20.0 | 4.0 | 5.0 | 6.8 | 20.0 | 2° |
| SAM-10 | 10.2 | 12.0 | 24.0 | 4.5 | 5.5 | 7.5 | 24.0 | 2° |
| SAM-12 | 12.5 | 14.5 | 30.0 | 5.0 | 6.2 | 8.0 | 32.0 | 2° |
| SAM-16 | 16.5 | 19.0 | 36.0 | 5.5 | 6.5 | 8.7 | 40.0 | 2° |
| SAM-20 | 20.2 | 23.0 | 44.0 | 6.0 | 7.0 | 8.6 | 45.0 | 2° |

³⁴⁾ In assembled condition

Order key

| Type | Size [mm] |
|------------|-----------|
| SA M-05 | |
| Type | Metric |
| Inner-Ø d1 | |

i Material:
Spherical washer: iglidur® W300 ► Page 153
Housing pad: igumid G ► Page 1496