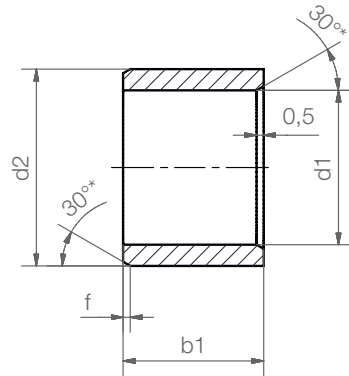


## Sleeve bearing



### Order key

**XSM-0203-03**



Length b1  
Outer diameter d2  
Inner diameter d1  
Metric  
Type (Form S)  
Material iglidur® X

Dimensions according to ISO 3547-1 and special dimensions

\* thickness < 1 mm, chamfer = 20°

Chamfer in relation to the d1

|          |       |        |         |        |
|----------|-------|--------|---------|--------|
| d1 [mm]: | Ø 1-6 | Ø 6-12 | Ø 12-30 | Ø > 30 |
| f [mm]:  | 0.3   | 0.5    | 0.8     | 1.2    |

### Dimensions [mm]

| Part number  | d1   | d1-Tolerance* | d2   | b1<br>h13 |
|--------------|------|---------------|------|-----------|
| XSM-0203-03  | 2.0  | +0.006 +0.046 | 3.5  | 3.0       |
| XSM-0304-03  | 3.0  | +0.006 +0.046 | 4.5  | 3.0       |
| XSM-0304-06  | 3.0  | +0.006 +0.046 | 4.5  | 6.0       |
| XSM-0405-04  | 4.0  | +0.010 +0.058 | 5.5  | 4.0       |
| XSM-0405-06  | 4.0  | +0.010 +0.058 | 5.5  | 6.0       |
| XSM-0405-10  | 4.0  | +0.010 +0.058 | 5.5  | 10.0      |
| XSM-0507-035 | 5.0  | +0.010 +0.058 | 7.0  | 3.5       |
| XSM-0507-05  | 5.0  | +0.010 +0.058 | 7.0  | 5.0       |
| XSM-0507-08  | 5.0  | +0.010 +0.058 | 7.0  | 8.0       |
| XSM-0608-06  | 6.0  | +0.010 +0.058 | 8.0  | 6.0       |
| XSM-0608-08  | 6.0  | +0.010 +0.058 | 8.0  | 8.0       |
| XSM-0608-10  | 6.0  | +0.010 +0.058 | 8.0  | 10.0      |
| XSM-0608-13  | 6.0  | +0.010 +0.058 | 8.0  | 13.8      |
| XSM-0709-10  | 7.0  | +0.013 +0.071 | 9.0  | 10.0      |
| XSM-0709-12  | 7.0  | +0.013 +0.071 | 9.0  | 12.0      |
| XSM-0810-06  | 8.0  | +0.013 +0.071 | 10.0 | 6.0       |
| XSM-0810-08  | 8.0  | +0.013 +0.071 | 10.0 | 8.0       |
| XSM-0810-10  | 8.0  | +0.013 +0.071 | 10.0 | 10.0      |
| XSM-0810-12  | 8.0  | +0.013 +0.071 | 10.0 | 12.0      |
| XSM-0810-15  | 8.0  | +0.013 +0.071 | 10.0 | 15.0      |
| XSM-1012-035 | 10.0 | +0.013 +0.071 | 12.0 | 3.5       |
| XSM-1012-06  | 10.0 | +0.013 +0.071 | 12.0 | 6.0       |
| XSM-1012-08  | 10.0 | +0.013 +0.071 | 12.0 | 8.0       |
| XSM-1012-10  | 10.0 | +0.013 +0.071 | 12.0 | 10.0      |
| XSM-1012-12  | 10.0 | +0.013 +0.071 | 12.0 | 12.0      |

| Part number  | d1   | d1-Tolerance* | d2   | b1<br>h13 |
|--------------|------|---------------|------|-----------|
| XSM-1012-15  | 10.0 | +0.013 +0.071 | 12.0 | 15.0      |
| XSM-1012-20  | 10.0 | +0.013 +0.071 | 12.0 | 20.0      |
| XSM-1214-035 | 12.0 | +0.016 +0.086 | 14.0 | 3.5       |
| XSM-1214-06  | 12.0 | +0.016 +0.086 | 14.0 | 6.0       |
| XSM-1214-08  | 12.0 | +0.016 +0.086 | 14.0 | 8.0       |
| XSM-1214-10  | 12.0 | +0.016 +0.086 | 14.0 | 10.0      |
| XSM-1214-12  | 12.0 | +0.016 +0.086 | 14.0 | 12.0      |
| XSM-1214-15  | 12.0 | +0.016 +0.086 | 14.0 | 15.0      |
| XSM-1214-20  | 12.0 | +0.016 +0.086 | 14.0 | 20.0      |
| XSM-1214-25  | 12.0 | +0.016 +0.086 | 14.0 | 25.0      |
| XSM-1416-12  | 14.0 | +0.016 +0.086 | 16.0 | 12.0      |
| XSM-1416-15  | 14.0 | +0.016 +0.086 | 16.0 | 15.0      |
| XSM-1416-20  | 14.0 | +0.016 +0.086 | 16.0 | 20.0      |
| XSM-1517-07  | 15.0 | +0.016 +0.086 | 17.0 | 7.0       |
| XSM-1517-10  | 15.0 | +0.016 +0.086 | 17.0 | 10.0      |
| XSM-1517-15  | 15.0 | +0.016 +0.086 | 17.0 | 15.0      |
| XSM-1517-20  | 15.0 | +0.016 +0.086 | 17.0 | 20.0      |
| XSM-1517-25  | 15.0 | +0.016 +0.086 | 17.0 | 25.0      |
| XSM-1618-10  | 16.0 | +0.016 +0.086 | 18.0 | 10.0      |
| XSM-1618-12  | 16.0 | +0.016 +0.086 | 18.0 | 12.0      |
| XSM-1618-15  | 16.0 | +0.016 +0.086 | 18.0 | 15.0      |
| XSM-1618-20  | 16.0 | +0.016 +0.086 | 18.0 | 20.0      |
| XSM-1618-35  | 16.0 | +0.016 +0.086 | 18.0 | 35.0      |
| XSM-1719-20  | 17.0 | +0.016 +0.086 | 19.0 | 20.0      |
| XSM-1820-15  | 18.0 | +0.016 +0.086 | 20.0 | 15.0      |

\* after pressfit. Testing methods ► page 75



**delivery** from stock  
**time**



**prices** price list online  
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**Sleeve bearing**
**Dimensions [mm]**

| Part number  | d1   | d1-Tolerance* | d2   | b1<br>h13 |
|--------------|------|---------------|------|-----------|
| XSM-1820-20  | 18.0 | +0.016 +0.086 | 20.0 | 20.0      |
| XSM-2022-140 | 20.0 | +0.020 +0.104 | 22.0 | 14.0      |
| XSM-2022-145 | 20.0 | +0.020 +0.104 | 22.0 | 14.5      |
| XSM-2022-18  | 20.0 | +0.020 +0.104 | 22.0 | 18.0      |
| XSM-2022-20  | 20.0 | +0.020 +0.104 | 22.0 | 20.0      |
| XSM-2023-07  | 20.0 | +0.020 +0.104 | 23.0 | 7.0       |
| XSM-2023-10  | 20.0 | +0.020 +0.104 | 23.0 | 10.0      |
| XSM-2023-15  | 20.0 | +0.020 +0.104 | 23.0 | 15.0      |
| XSM-2023-20  | 20.0 | +0.020 +0.104 | 23.0 | 20.0      |
| XSM-2023-25  | 20.0 | +0.020 +0.104 | 23.0 | 25.0      |
| XSM-2023-30  | 20.0 | +0.020 +0.104 | 23.0 | 30.0      |
| XSM-2225-15  | 22.0 | +0.020 +0.104 | 25.0 | 15.0      |
| XSM-2225-20  | 22.0 | +0.020 +0.104 | 25.0 | 20.0      |
| XSM-2426-20  | 24.0 | +0.020 +0.104 | 26.0 | 20.0      |
| XSM-2427-20  | 24.0 | +0.020 +0.104 | 27.0 | 20.0      |
| XSM-2528-077 | 25.0 | +0.020 +0.104 | 28.0 | 7.7       |
| XSM-2528-09  | 25.0 | +0.020 +0.104 | 28.0 | 9.0       |
| XSM-2528-12  | 25.0 | +0.020 +0.104 | 28.0 | 12.0      |
| XSM-2528-13  | 25.0 | +0.020 +0.104 | 28.0 | 13.0      |
| XSM-2528-15  | 25.0 | +0.020 +0.104 | 28.0 | 15.0      |
| XSM-2528-20  | 25.0 | +0.020 +0.104 | 28.0 | 20.0      |
| XSM-2528-30  | 25.0 | +0.020 +0.104 | 28.0 | 30.0      |
| XSM-2528-35  | 25.0 | +0.020 +0.104 | 28.0 | 35.0      |
| XSM-2730-05  | 27.0 | +0.020 +0.104 | 30.0 | 5.7       |
| XSM-2832-20  | 28.0 | +0.020 +0.104 | 32.0 | 20.0      |
| XSM-2832-30  | 28.0 | +0.020 +0.104 | 32.0 | 30.0      |

| Part number | d1   | d1-Tolerance* | d2   | b1<br>h13 |
|-------------|------|---------------|------|-----------|
| XSM-2832-69 | 28.0 | +0.020 +0.104 | 32.0 | 69.0      |
| XSM-3034-15 | 30.0 | +0.020 +0.104 | 34.0 | 15.0      |
| XSM-3034-20 | 30.0 | +0.020 +0.104 | 34.0 | 20.0      |
| XSM-3034-25 | 30.0 | +0.020 +0.104 | 34.0 | 25.0      |
| XSM-3034-30 | 30.0 | +0.020 +0.104 | 34.0 | 30.0      |
| XSM-3034-40 | 30.0 | +0.020 +0.104 | 34.0 | 40.0      |
| XSM-3236-25 | 32.0 | +0.025 +0.125 | 36.0 | 25.0      |
| XSM-3236-30 | 32.0 | +0.025 +0.125 | 36.0 | 30.0      |
| XSM-3236-35 | 32.0 | +0.025 +0.125 | 36.0 | 35.0      |
| XSM-3236-54 | 32.0 | +0.025 +0.125 | 36.0 | 54.0      |
| XSM-3539-20 | 35.0 | +0.025 +0.125 | 39.0 | 20.0      |
| XSM-3539-30 | 35.0 | +0.025 +0.125 | 39.0 | 30.0      |
| XSM-3539-40 | 35.0 | +0.025 +0.125 | 39.0 | 40.0      |
| XSM-3539-50 | 35.0 | +0.025 +0.125 | 39.0 | 50.0      |
| XSM-4044-30 | 40.0 | +0.025 +0.125 | 44.0 | 30.0      |
| XSM-4044-40 | 40.0 | +0.025 +0.125 | 44.0 | 40.0      |
| XSM-4044-50 | 40.0 | +0.025 +0.125 | 44.0 | 50.0      |
| XSM-4550-50 | 45.0 | +0.025 +0.125 | 50.0 | 50.0      |
| XSM-5055-30 | 50.0 | +0.025 +0.125 | 55.0 | 30.0      |
| XSM-5055-40 | 50.0 | +0.025 +0.125 | 55.0 | 40.0      |
| XSM-5055-60 | 50.0 | +0.025 +0.125 | 55.0 | 60.0      |
| XSM-5560-50 | 55.0 | +0.030 +0.150 | 60.0 | 50.0      |
| XSM-6065-45 | 60.0 | +0.030 +0.150 | 65.0 | 45.0      |
| XSM-6065-60 | 60.0 | +0.030 +0.150 | 65.0 | 60.0      |
| XSM-6570-50 | 65.0 | +0.030 +0.150 | 70.0 | 50.0      |
| XSM-7075-70 | 70.0 | +0.030 +0.150 | 75.0 | 70.0      |

\* after pressfit. Testing methods ► page 75


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