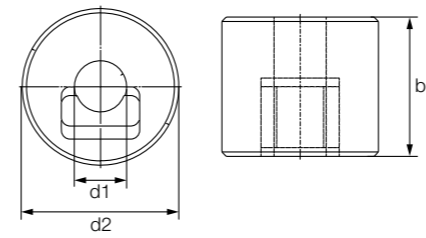
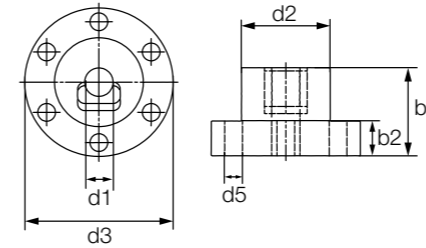


Backlash is the phenomenon created on the lead screw drive by the axial clearance. By adding a radial pre-load, vibrations are significantly reduced.



Cylindrical (form S)



With flange (form F)

Order key

Type d2 b1 Thread

S R M-AB-25 25 TR 10X2

| | | | | | | | | | | |
|-------------------|--------|------------------|--------|---------------|--------------|-------------|--------------------|---------------|-------|--------------------------------------------------------|
| iglidur® material | Form S | Hand of rotation | Metric | Anti-backlash | Outer Ø [mm] | Length [mm] | Trapezoidal thread | Diameter [mm] | Pitch | Options: Form S: Cylindrical Form F: With flange |
| | | J | | | | | | | | High efficiency at all speeds |
| | | R | | | | | | | | The cost-effective option for high volume |

Technical data – cylindrical design

| Thread | Hand of rotation | | Effective supporting surface [mm²] | Max. stat. axial F [N] iglidur® | |
|----------------------|------------------|------|------------------------------------|---------------------------------|-------|
| | right | left | | J | R |
| Cylindrical – form S | | | | | |
| Tr8x1.5 | ● | – | 228 | 683 | 342 |
| Tr10x2 | ● | – | 283 | 848 | 424 |
| Tr12x3 | ● | – | 396 | 1,188 | 594 |
| Tr16x4 | ● | – | 704 | 2,111 | 1,056 |
| Tr18x4 | ● | – | 905 | 2,714 | 1,357 |
| Tr20x4 | ● | – | 1,131 | 3,393 | 1,696 |
| Tr24x5 | ● | – | 1,621 | 4,863 | 2,432 |

Technical data – with flange

| Thread | Hand of rotation | | Effective supporting surface [mm²] | Max. stat. axial F [N] iglidur® | |
|----------------------|------------------|------|------------------------------------|---------------------------------|-------|
| | right | left | | J | R |
| With flange – form F | | | | | |
| Tr10x2 | ● | – | 353 | 1,060 | 530 |
| Tr10x3 | ● | – | 334 | 1,001 | 501 |
| Tr12x3 | ● | – | 396 | 1,188 | 594 |
| Tr14x4 | ● | – | 471 | 1,414 | 707 |
| Tr16x2 | ● | – | 613 | 1,838 | 919 |
| Tr16x4 | ● | – | 704 | 2,111 | 1,056 |
| Tr18x4 | ● | – | 905 | 2,714 | 1,357 |
| Tr20x4 | ● | – | 1,131 | 3,393 | 1,696 |
| Tr24x5 | ● | – | 1,621 | 4,863 | 2,432 |

Dimensions [mm] – cylindrical design

| d1 ¹⁵⁶⁾ | d2 ¹⁵⁶⁾ | b1 ¹⁵⁶⁾ | Weight [g] iglidur® | | Part No. |
|--------------------|--------------------|--------------------|---------------------|-------|----------------------------------------------|
| | | | J | R | |
| 8 | 22 | 20 | 9.8 | 9.2 | <input type="checkbox"/> SRM-AB-2220-TR8X1.5 |
| 10 | 22 | 20 | 9.0 | 8.4 | <input type="checkbox"/> SRM-AB-2220-TR10X2 |
| 12 | 26 | 24 | 14.9 | 13.9 | <input type="checkbox"/> SRM-AB-2624-TR12X3 |
| 16 | 36 | 32 | 38.9 | 36.3 | <input type="checkbox"/> SRM-AB-3632-TR16X4 |
| 18 | 40 | 36 | 53.8 | 50.1 | <input type="checkbox"/> SRM-AB-4036-TR18X4 |
| 20 | 45 | 40 | 76.1 | 71.0 | <input type="checkbox"/> SRM-AB-4540-TR20X4 |
| 24 | 50 | 48 | 108.1 | 100.8 | <input type="checkbox"/> SRM-AB-5048-TR24X5 |

Dimensions [mm] – with flange

| d1 ¹⁵⁶⁾ | d2 ¹⁵⁶⁾ | d3 | d4 | d5 | b1 ¹⁵⁶⁾ | b2 | Weight [g] iglidur® | | Part No. |
|--------------------|--------------------|----|----|----|--------------------|----|---------------------|------|---------------------------------------------|
| | | | | | | | J | R | |
| 10 | 25 | 42 | 34 | 5 | 25 | 10 | 28.7 | 26.8 | <input type="checkbox"/> FRM-AB-2525-TR10X2 |
| 10 | 25 | 42 | 34 | 5 | 25 | 10 | 28.7 | 26.8 | <input type="checkbox"/> FRM-AB-2525-TR10X3 |
| 12 | 28 | 48 | 35 | 5 | 35 | 12 | 30.3 | 28.3 | <input type="checkbox"/> FRM-AB-2835-TR12X3 |
| 14 | 28 | 48 | 38 | 6 | 35 | 12 | 45.4 | 42.4 | <input type="checkbox"/> FRM-AB-2835-TR14X4 |
| 16 | 28 | 48 | 38 | 6 | 35 | 12 | 43.0 | 40.1 | <input type="checkbox"/> FRM-AB-2835-TR16X2 |
| 16 | 28 | 48 | 38 | 6 | 35 | 12 | 43.0 | 40.1 | <input type="checkbox"/> FRM-AB-2835-TR16X4 |
| 18 | 28 | 48 | 38 | 6 | 35 | 12 | 40.2 | 37.5 | <input type="checkbox"/> FRM-AB-2835-TR18X4 |
| 20 | 32 | 55 | 45 | 7 | 44 | 12 | 60.2 | 56.2 | <input type="checkbox"/> FRM-AB-3244-TR20X4 |
| 24 | 32 | 55 | 45 | 7 | 44 | 12 | 51.2 | 47.7 | <input type="checkbox"/> FRM-AB-3244-TR24X5 |

¹⁵⁶⁾ Tolerances according to DIN ISO 2768-1, tolerance class m (medium)