



 Installation instructions and video tutorials
▶ www.igus-asean.com/zero-backlash-nut

Technical data

Thread	Max. stat. axial F [N]	Max. idling torque (with spring) ¹⁷⁰⁾ from [Nm]	Weight [g]
Ds5x5	75	0.02	5.1
Ds6.35x2.54	75	0.02	5.1
Ds6.35x5.08	75	0.02	5.1
Ds6.35x12.7	75	0.02	5.1
Ds6.35x25.4	75	0.02	5.1
Ds8x10	150	0.03	15.2
Ds8x15	150	0.03	15.2
Ds8x24	150	0.03	15.2
Ds10x12	150	0.04	15.2
Ds10x25	150	0.04	15.2
Ds10x50	150	0.04	15.2

¹⁷⁰⁾ The idling torque of the zero-backlash lead screw nut increases with service life. When calculating the dimensions, it is recommended that the maximum idling torque be taken into account.

 Order key

Part number	Type	Thread
DST- J F R M-ZB-0001-DS 10X12		
dryspin® technology	iglidur® J	
	Form F	
	Hand of rotation	
	Metric	
	Zero-backlash	
	Type 0001	
	Thread type	
	Thread Ø [mm]	
	Pitch	

Dimensions [mm]

d1 ¹⁵⁶⁾	d2 ¹⁵⁶⁾	d3	d4	d5	b1 ^{40) 156)}	b2	Part No.
5	13.5	28	22.2	3.7	31 – 36	4.1	DST-JFRM-ZB-0001-DS5X5 New
6.35	13.5	28	22.2	3.7	31 – 36	4.1	DST-JFRM-ZB-0001-DS6.35X2.54
6.35	13.5	28	22.2	3.7	31 – 36	4.1	DST-JFRM-ZB-0001-DS6.35X5.08
6.35	13.5	28	22.2	3.7	31 – 36	4.1	DST-JFRM-ZB-0001-DS6.35X12.7
6.35	13.5	28	22.2	3.7	31 – 36	4.1	DST-JFRM-ZB-0001-DS6.35X25.4
8	20	38.1	28.3	5.2	41 – 47	4.8	DST-JFRM-ZB-0001-DS8X10
8	20	38.1	28.3	5.2	41 – 47	4.8	DST-JFRM-ZB-0001-DS8X15
8	20	38.1	28.3	5.2	41 – 47	4.8	DST-JFRM-ZB-0001-DS8X24 New
10	20	38.1	28.3	5.2	41 – 47	4.8	DST-JFRM-ZB-0001-DS10X12
10	20	38.1	28.3	5.2	41 – 47	4.8	DST-JFRM-ZB-0001-DS10X25
10	20	38.1	28.3	5.2	41 – 47	4.8	DST-JFRM-ZB-0001-DS10X50

⁴⁰⁾ Variable according to thread pitch / clearance

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