dryspin® technology | Lead screw nuts | Product range

Lead screw nuts, cylindrical (form S)

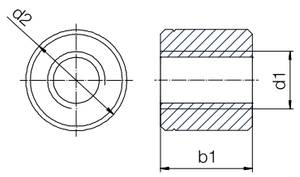
iglidur® J

iglidur® J350

iglidur® R

iglidur® A180

iglidur® E7



Order key

Type											d2	b1	Thread		
DST-	□	S	R	M-	1	4	1	3	DS	10	X	12			

dryspin® technology	iglidur® material	Form S	Hand of rotation	Metric	Outer Ø [mm]	Length [mm]	Thread type	Diameter [mm]	Pitch

Options:
Hand of rotation
R: Right-hand thread
L: Left-hand thread

J	High efficiency at all speeds
J350	For temperatures up to +150°C
R	The cost-effective option for high volume
A180	FDA-compliant for the food and pharmaceutical industries
E7	For high speeds

Technical data

Thread	Hand of rotation right	Hand of rotation left	Effective supporting surface [mm²]	Max. stat. axial F [N] iglidur® J / J350 / A180	Max. stat. axial F [N] iglidur® R	Max. stat. axial F [N] iglidur® E7
Ds4x2.4	●	–	60	152	152	–
Ds5x5	●	–	57	152	152	–
Ds6.35x2.54	●	●	172	152	152	86
Ds6.35x5.08	●	–	135	152	152	68
Ds6.35x12.7	●	–	67	152	152	34
Ds6.35x25.4	●	–	74	152	152	24
Ds8x10	●	●	122	304	244	61
Ds8x15	●	●	123	308	244	61
Ds8x24	●	–	104	260	208	–
Ds10x3	●	–	410	1,025	820	–
Ds10x12	●	●	274	685	541	72
Ds10x25	●	●	249	623	499	125
Ds10x50	●	●	144	361	289	137
Ds12x5	●	–	398	995	796	–
Ds12.7x12.7	●	–	462	1,155	924	–
Ds12x15	●	–	712	1,113	891	–
Ds12x25	●	–	385	963	770	–
Ds14x25	●	●	444	1,110	888	–
Ds14x30	●	–	440	1,101	881	–
Ds14x40.6	●	–	434	1,095	868	–
Ds16x35	●	–	610	1,526	1,221	–
Ds18x24	●	●	844	2,110	1,688	–

Dimensions [mm]

d1[156]	d2[156]	b1[156]	Weight [g] iglidur® J	Weight [g] iglidur® J350	Weight [g] iglidur® R	Weight [g] iglidur® A180	Weight [g] iglidur® E7	Part No.	
4	14	13	2.74	2.65	2.55	2.68	–	DST-□SRM-131315DS4X2.4	
5	14	13	2.4	2.3	2.2	2.3	–	DST-□SRM-1413DS5X5	New
6.35	14	13	2.4	2.3	2.2	2.3	1.67	DST-□S□M-1413DS6.35X2.54	
6.35	14	13	2.4	2.3	2.2	2.3	1.67	DST-□SRM-1413DS6.35X5.08	
6.35	14	13	2.4	2.3	2.2	2.3	1.67	DST-□SRM-1413DS6.35X12.7	
6.35	14	13	2.4	2.3	2.2	2.3	1.67	DST-□SRM-1413DS6.35X25.4	
8	18	12	3.7	3.5	3.4	3.6	2.57	DST-□S□M-1812DS8X10	
8	18	12	3.7	3.5	3.4	3.6	2.57	DST-□S□M-1812DS8X15	
8	18	12	3.7	3.5	3.4	3.6	–	DST-□SRM-1812DS8X24	New
10	22	20	9.0	8.7	8.4	8.8	–	DST-□SRM-2220DS10X3	New
10	22	20	9.0	8.7	8.4	8.8	6.33	DST-□S□M-2220DS10X12	
10	22	20	9.0	8.7	8.4	8.8	6.33	DST-□S□M-2220DS10X25	
10	22	20	9.0	8.7	8.4	8.8	6.33	DST-□S□M-2220DS10X50	
12	26	24	14.9	14.4	13.9	14.6	–	DST-□SRM-2624DS12X5	
12	26	24	14.9	14.4	13.9	14.6	–	DST-□SRM-2624DS12.7X12.7	New
12	26	24	14.9	14.4	13.6	14.6	–	DST-□SRM-2624DS12X15	New
12	26	24	14.9	14.4	13.9	14.6	–	DST-□SRM-2624DS12X25	
14	30	27	22.2	21.5	20.8	21.8	–	DST-□S□M-3027DS14X25	
14	30	27	22.2	21.5	20.8	21.8	–	DST-□SRM-3027DS14X30	
14	30	27	22.2	21.5	20.8	21.8	–	DST-□SRM-3027DS14X40.6	
16	36	32	38.9	37.6	36.3	38.2	–	DST-□SRM-3632DS16X35	
18	40	36	53.8	52.0	50.1	52.7	–	DST-□S□M-4036DS18X24	

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

Technical data

Thread	Hand of rotation		Effective supporting surface	Max. stat. axial F [N] iglidur®		
	right	left	[mm²]	J / J350 / A180	R	E7
Ds18x40	●	●	786	1,966	1,573	–
Ds18x80	●	●	543	1,357	1,086	–
Ds18x100	●	●	476	1,191	953	–
Ds20x20	●	●	984	2,460	1,968	–
Ds20x50	●	–	1007	2,517	2,014	–
Ds20x60	●	●	663	1,657	1,325	–
Ds20x80	●	●	686	1,715	1,372	–
Ds20x90	●	●	610	1,657	1,220	–

Dimensions [mm]

d1[156]	d2[156]	b1[156]	Weight [g] iglidur®					Part No.
			J	J350	R	A180	E7	
18	40	36	53.8	52.0	50.1	52.7	–	**DST-□S□M-4036DS18X40**
18	40	36	53.8	52.0	50.1	52.7	–	**DST-□S□M-4036DS18X80**
18	40	36	53.8	52.0	50.1	52.7	–	**DST-□S□M-4036DS18X100**
20	45	40	76.1	73.5	71.0	74.5	–	**DST-□S□M-4540DS20X20**
20	45	40	76.1	73.5	71.0	74.5	–	**DST-□SRM-4540DS20X50**
20	45	40	76.1	73.5	71.0	74.5	–	**DST-□S□M-4540DS20X60**
20	45	40	76.1	73.5	71.0	74.5	–	**DST-□S□M-4540DS20X80**
20	45	40	76.1	73.5	71.0	74.5	–	**DST-□S□M-4540DS20X90**

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