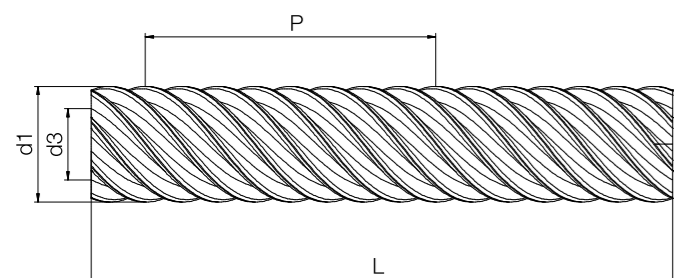




Stainless steel, rolled, AISI 304



Aluminium, rolled (EN AW 6082)



Technical data

Helix deviation	0.1mm to 300mm
Straightness (standard)	0.3mm to 300mm
Aligned	<0.1mm to 300mm

The tensile/compressive strength of the EN AW 6082 lead screw material is 160MPa per mm² (elongation limit 0.2mm).

Technical data

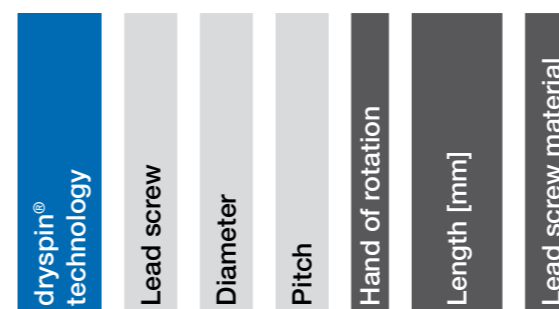
Thread	Hand of rotation		Material		Pitch P [mm]	Number of thread pitches	Pitch angle α [°]	Weight	
	right	left	Stainless steel	Aluminium				Stainless steel	Aluminium
			AISI 304	EN AW 6082				[kg/m]	[kg/m]
Ds4x2.4	●	–	●	–	2.4	2	10.81	0.10	–
Ds5x5	●	–	●	–	5.0	2	17.70	0.20	–
Ds6.35x2.54	●	●	●	–	2.54	2	7.26	0.25	–
Ds6.35x5.08	●	–	●	–	5.08	4	14.29	0.25	–
Ds6.35x12.7	●	–	●	–	12.7	4	32.48	0.25	–
Ds6.35x25.4	●	–	●	–	25.4	8	51.85	0.25	–
Ds8x10	●	●	●	●	10.0	4	21.70	0.40	0.14
Ds8x15	●	●	●	●	15.0	6	30.83	0.40	0.14
Ds8x24	●	–	●	–	24.0	8	43.70	0.40	–
Ds10x3	●	–	●	–	3.0	2	5.45	0.62	–
Ds10x12	●	●	●	●	12.0	4	21.54	0.62	0.21
Ds10x25	●	●	●	●	25.0	8	38.51	0.62	0.21
Ds10x50	●	●	●	●	50.0	10	57.86	0.62	0.21
Ds12x5	●	–	●	●	5.0	2	7.55	0.89	0.31
Ds12.7x12.7	●	–	●	–	12.7	4	17.65	0.90	–
Ds12x15	●	–	●	–	15.0	5	21.90	0.98	–
Ds12x25	●	–	●	●	25.0	8	33.55	0.89	0.31
Ds14x25	●	●	●	●	25.0	5	29.61	1.22	0.42
Ds14x30	●	–	●	●	30.0	6	34.30	1.22	0.42
Ds14x40.6	●	–	●	–	40.6	8	42.71	1.22	0.42
Ds16x35	●	–	●	●	35.0	7	34.85	1.59	0.54
Ds18x24	●	●	●	●	24.0	6	22.99	2.01	0.69

Available from stock
Upon request

Order key

Part number	Thread	Options
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DST-LS-10X50-R-1000-ES



- Options:
- Hand of rotation
 - R: Right-hand thread
 - L: Left-hand thread
 - Length in mm: Freely selectable (see table)
 - Lead screw material
 - ES: Stainless steel, rolled
 - AL: Aluminium, rolled

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► www.igus-asean.com/leadscrew-configurator

Dimensions [mm]

Outer Ø d1	Core Ø d3	Max. total length L		Part No.
		ES	AL	
–0.1	–0.1			
4.0 –0.05	3.0 –0.1	1,000	1,000	DST-LS-4X2.4-R-□-ES
5.0	3.30	1,000	–	DST-LS-5X5-R-□-ES New
6.35 –0.05	4.35 –0.05	1,000	1,000	DST-LS-6.35X2.54-□-ES
6.35 –0.05	4.85 –0.05	1,000	1,000	DST-LS-6.35X5.08-R-□-ES
6.35 –0.05	4.35 –0.05	1,000	1,000	DST-LS-6.35X12.7-R-□-ES
6.35 –0.05	4.15 –0.05	1,000	1,000	DST-LS-6.35X25.4-R-□-ES
8.0	5.63	1,000	1,000	DST-LS-8X10-□-ES
8.0	5.63	1,000	–	DST-LS-8X15-□-ES
8.0	5.55	1,000	–	DST-LS-8X24-R-□-ES New
10.0	7.85	3,000	–	DST-LS-10X3-R-□-ES New
10.0	6.95	3,000	1,000	DST-LS-10X12-□-ES
10.0	7.10	3,000	1,000	DST-LS-10X25-□-ES
10.0	7.35	3,000	1,000	DST-LS-10X50-□-ES
12.0	9.60	3,000	1,500	DST-LS-12X5-R-ES
12.7	9.60	3,000	–	DST-LS-12.7X12.7-R-□-ES New
12.0	9.00	3,000	–	DST-LS-12X15-R-□-ES New
12.0	8.95	3,000	1,500	DST-LS-12X25-R-□-ES
14.0	9.60	3,000	1,500	DST-LS-14X25-□-ES
14.0	9.60	3,000	1,500	DST-LS-14X30-R-□-ES
14.0	9.65	3,000	1,500	DST-LS-14X40.6-R-□-ES
16.0	11.60	3,000	1,500	DST-LS-16X35-R-□-ES
18.0	14.28	3,000	1,500	DST-LS-18X24-□-ES