



CF15, rolled, AISI 1015



Stainless steel, rolled, AISI 304



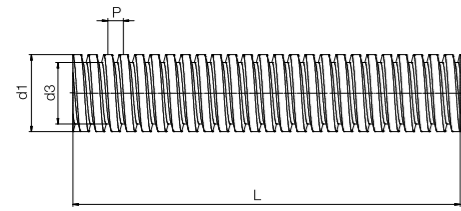
Aluminium, rolled (EN AW 6082)



### Technical data

Pitch variation	0.1mm to 300mm
Straightness (standard)	0.3mm to 300mm
Aligned	<0.1mm to 300mm
Tolerance (according to DIN 103)	7e

The tensile/compressive strength of the EN AW 6082 lead screw material is 160MPa per mm<sup>2</sup> (elongation limit 0.2mm).



### Technical data

Thread	Hand of rotation		Material						Pitch P [mm]	Pitch angle α [°]
			C15	Stainless steel				Aluminium EN AW 6082		
				AISI 304	AISI 303	AISI 316L	AISI 321			
Tr8x1.5	●	●	●	●	-	-	-	1.5	3.42	
Tr10x2	●	●	●	●	-	-	●	2	3.64	
Tr10x3	●	●	●	-	-	●	-	3	5.45	
Tr12x3	●	●	●	●	-	-	●	3	4.55	
Tr14x3	●	●	●	●	-	-	-	3	3.90	
Tr14x4	●	●	●	-	-	-	●	4	5.20	
Tr16x2	●	●	●	-	●	-	-	2	2.28	
Tr16x4	●	●	●	●	-	-	●	4	4.55	
Tr18x4	●	●	●	●	-	-	●	4	4.05	
Tr20x4	●	●	●	●	-	-	●	4	3.64	
Tr24x5	●	●	●	●	-	-	-	5	3.79	
Tr26x5	●	●	●	●	-	-	-	5	3.50	
Tr28x5	●	●	●	●	-	-	-	5	3.25	
Tr30x6	●	●	●	●	-	-	-	6	3.64	
Tr32x6	●	●	●	-	●	-	-	6	3.42	
Tr36x6	●	●	●	-	●	-	-	6	3.04	
Tr40x7	●	●	●	-	●	-	-	7	3.19	
Tr50x8	●	●	●	-	●	-	-	8	2.92	



### Please contact us!

All drylin® leads screws can be custom machined. Please send us your drawing or configure online. We can then provide a quotation quickly.

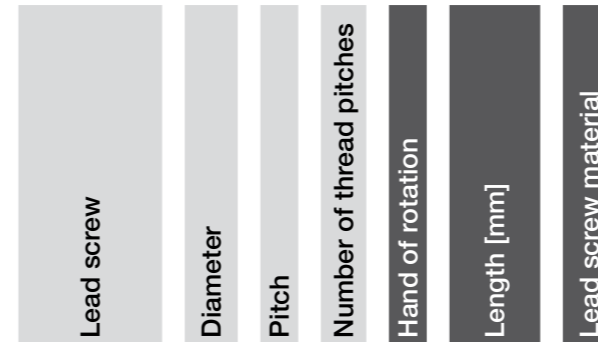
► [www.igus-asean.com/leadscrew-configurator](http://www.igus-asean.com/leadscrew-configurator)



### Order key

Part number	Thread	Options
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## PTGSG-10X2-01-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
- Blank: C15, rolled
- ES: Stainless steel, rolled
- AL: Aluminium, rolled



ACME thread (US standard)

► page 1620

### Dimensions [mm]

C15	Weight		Outer Ø d1		Core Ø d3		Max. total length L			Part No.
	[kg/m]	Stainless steel [kg/m]	Aluminium [kg/m]	min.	max.	min.	max.	L		
								C15 / ES	AL	
0.39	0.40	0.14	7.8	8	5.4	6.2	1,500	-	PTGSG-8X1.5-01-□-□	
0.62	0.62	0.21	9.8	10	7.2	7.5	3,000	1,000	PTGSG-10X2-01-□-□	
0.62	0.62	0.21	9.8	10	6.2	6.5	3,000	-	PTGSG-10X3-01-□-□	
0.89	0.89	0.31	11.8	12	7.7	8.5	3,000	1,000	PTGSG-12X3-01-□-□	
1.21	1.22	0.42	13.8	14	9.7	10.5	3,000	-	PTGSG-14X3-01-□-□	
1.21	1.22	0.42	13.7	14	9.1	9.5	3,000	-	PTGSG-14X4-01-□-□	
1.58	1.59	0.54	15.8	16	11.8	12.8	3,000	-	PTGSG-16X2-01-□-□	
1.58	1.59	0.54	15.7	16	10.5	11.5	3,000	1,000	PTGSG-16X4-01-□-□	
2.00	2.01	0.69	17.7	18	12.5	13.5	3,000	2,000	PTGSG-18X4-01-□-□	
2.47	2.48	0.85	19.7	20	14.5	15.5	3,000	2,000	PTGSG-20X4-01-□-□	
3.55	3.57	1.22	23.7	24	17.3	18.5	3,000	-	PTGSG-24X5-01-□-□	
4.17	4.19	1.43	25.7	26	19.3	20.5	3,000	-	PTGSG-26X5-01-□-□	
4.83	4.86	1.66	27.7	28	21.3	22.5	3,000	-	PTGSG-28X5-01-□-□	
5.55	5.58	1.91	29.6	30	21.6	23.0	3,000	-	PTGSG-30X6-01-□-□	
6.31	6.35	2.17	31.6	32	24.5	25.0	3,000	-	PTGSG-32X6-01-□-□	
7.99	8.04	2.75	35.6	36	27.6	29.0	3,000	-	PTGSG-36X6-01-□-□	
9.86	9.93	3.39	39.6	40	30.4	32.0	3,000	-	PTGSG-40X7-01-□-□	
15.41	15.51	5.30	49.6	50	39.2	41.0	3,000	-	PTGSG-50X8-01-□-□	



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