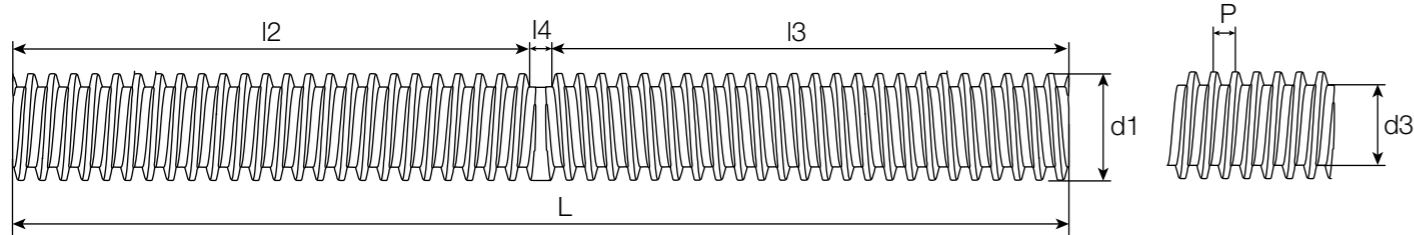




Technical data

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



Technical data

Thread	Material		Pitch P [mm]	Pitch angle α [°]	Weight	
	C15	Stainless steel			C15	Stainless steel
		AISI 304			[kg/m]	[kg/m]
Tr10x2	●	●	2	3.64	0.62	0.62
Tr12x3	●	●	3	4.55	0.89	0.89
Tr14x4	●	●	4	5.20	1.21	1.22
Tr16x4	●	●	4	4.55	1.58	1.58
Tr18x4	●	●	4	4.05	2.00	2.01
Tr20x4	●	●	4	3.64	2.47	2.48
Tr24x5	●	●	5	3.79	3.55	3.57

⁴⁶⁾ Non-usable thread transition

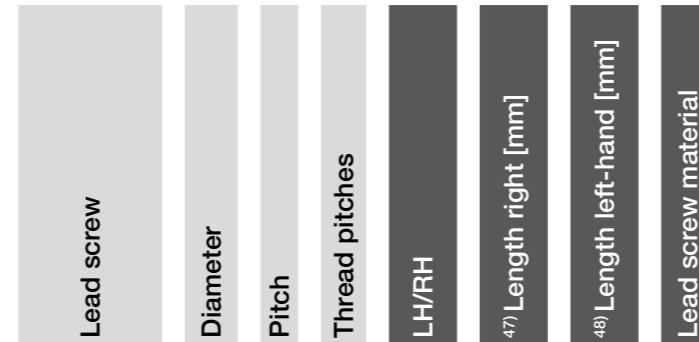
⁴⁷⁾ Length right-hand thread (I3)

⁴⁸⁾ Length left-hand thread (I2)

Order key

Part number	Thread	Options
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PTGSG-10X2-01-R/L-100-100-ES



Options:
⁴⁷⁾ I3: Length right-hand thread
⁴⁸⁾ I2: Length left-hand thread
Length in mm: Freely selectable (see table)
Lead screw material
Blank: C15, rolled, AISI 1015
ES: Stainless steel, rolled, AISI 304

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

Dimensions [mm]

Outer Ø d1		Core Ø d3		Thread transition I4 ⁴⁶⁾	Max. total length L	Part No.
min.	max.	min.	max.			
9.8	10	7.2	7.5	20	1,000	PTGSG-10X2-01-R/L-□ ⁴⁷⁾ -□ ⁴⁸⁾
11.8	12	7.7	8.5	30	1,000	PTGSG-12X3-01-R/L-□ ⁴⁷⁾ -□ ⁴⁸⁾ New
13.7	14	9.1	9.5	40	1,000	PTGSG-14X4-01-R/L-□ ⁴⁷⁾ -□ ⁴⁸⁾
15.7	16	10.5	11.5	30	1,000	PTGSG-16X4-01-R/L-□ ⁴⁷⁾ -□ ⁴⁸⁾ New
17.7	18	12.5	13.5	55	1,500	PTGSG-18X4-01-R/L-□ ⁴⁷⁾ -□ ⁴⁸⁾
19.7	20	14.5	15.5	55	2,000	PTGSG-20X4-01-R/L-□ ⁴⁷⁾ -□ ⁴⁸⁾
23.7	24	17.3	18.5	60	2,000	PTGSG-24X5-01-R/L-□ ⁴⁷⁾ -□ ⁴⁸⁾