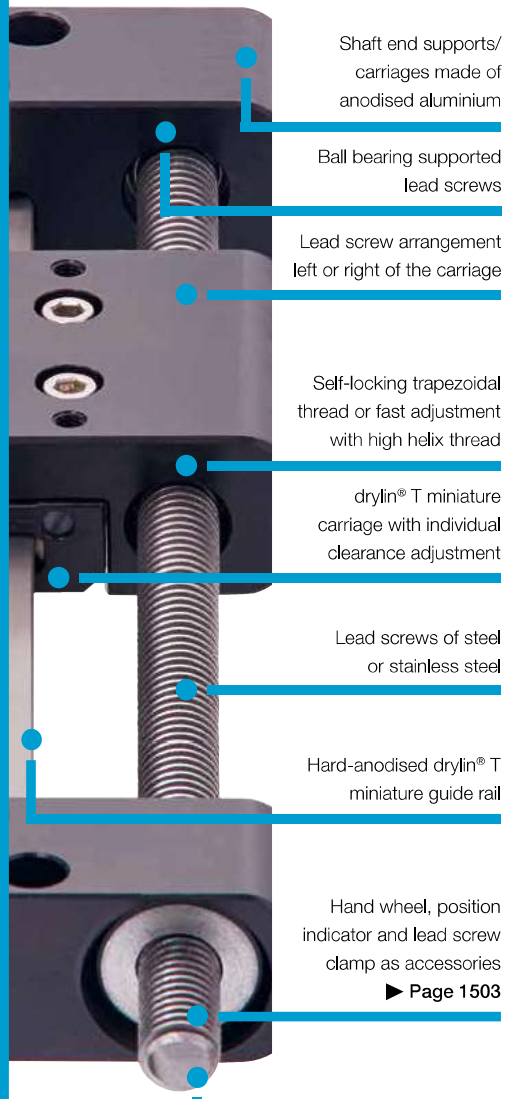


Shaft end supports/ carriages made of anodised aluminium

Ball bearing supported lead screws

Lead screw arrangement left or right of the carriage

Self-locking trapezoidal thread or fast adjustment with high helix thread

drylin® T miniature carriage with individual clearance adjustment

Lead screws of steel or stainless steel

Hard-anodised drylin® T miniature guide rail

Hand wheel, position indicator and lead screw clamp as accessories
▶ Page 1503

product design award 2013

Can be configured as ready-to-connect linear axis with motor and initiators
▶ www.igus.eu/drylin-automation

Lubrication-free linear modules – drylin® SLT

The low profile, the lateral lead screw arrangement and a striking design, are just some of the reasons why the drylin® SLT linear module was honoured with the 2014 IF Award. Technically, the system impresses with ball bearing mounted trapezoidal or high helix thread lead screws for motorised or manual operation. The basis of the SLT series is the drylin® T miniature guide in sizes 12 and 15.

- Low-profile structure through lateral lead screw arrangement
- Lubrication-free, corrosion-resistant, lightweight
- Variable pitch
- Adjustable drylin® T miniature carriage
- Lead screw arrangement can be selected either left or right

Typical application areas

- Format adjustments
- Laboratory and medical technology
- Optical equipment

Available in 3–8 days
Detailed information about delivery time online.

Max. +60°C
Min. –40°C

stroke lengths 300–600mm
More dimensions upon request.

Product finder
▶ www.igus.eu/slt-productfinder

RoHS-II

In accordance with EU Directive 2011/65/EU (RoHS 2) Restriction (of the use of certain) hazardous substances

Order key

Order example

SLT - BB - 0412 - E R - S 0015 R G - □

Type	Design	Installation size	Adjustable carriage TWE	Lead screw alignment	Lead screw	Pitch	Thread	Lead screw end	Stroke length in mm
SLT	BB	0412	E	R	S	0015	R	G	□

Options:

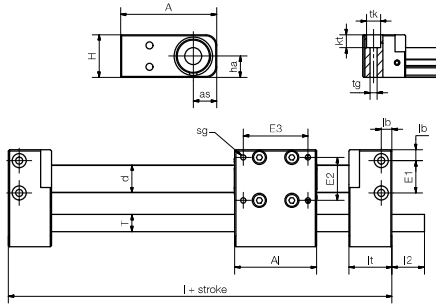
Design
BB = With ball bearings

Lead screw alignment
R = Right (standard)
L = Left

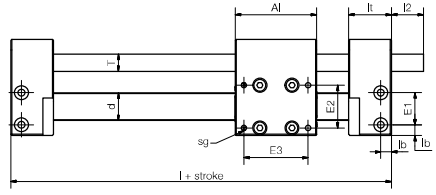
Lead screw
S = Steel
ES = Stainless steel

Thread
R = Right

Lead screw end
G = Threaded end



Lead screw alignment left



Lead screw alignment right

Technical data and dimensions [mm]

Part No.	Pitch	Max. stroke length	Weight Additional (per 100mm)		Max. static load capacity Axial	radial	Max. rpm	Max. speed
			[kg]	[kg]	[N]	[N]	[1/min]	[m/min]
SLT-BB-0412	Tr08x1.5	300	0.15	0.06	100	200	1,000	1.5
	Sg08x15	300	0.15	0.06	25	100	600	9.0
SLT-BB-0415	Tr12x3	600	0.40	0.12	200	400	1,000	4.5
	Tr12x6	600	0.40	0.12	100	400	750	4.5
	Sg12x25	600	0.40	0.12	50	200	300	7.5

Part No.	A	Al	H	E1	E2	E3	l	l2	d2	ha	sg	tk	kt	tg	f	lb	lt	d	T	as
SLT-BB-0412	45	38	20	15	20	30	78	15	–	10	M3-7	6.5	6	M4	2.2	5	20	13	Tr08x1.5	11
SLT-BB-0415	58	45	30	19	25	35	89	17	12	15	M3–13	8	4.5	M5-15	2.8	6.5	22	17	Tr12x3	16

Also see econ chapter ▶ Page 1455