

LIGHT TELESCOPIC RAIL



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Easy Rail



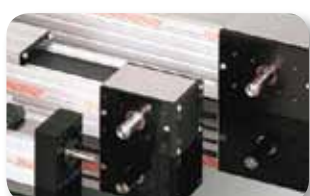
Heavy Telescopic Rail



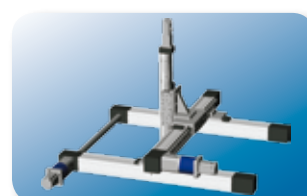
Light Telescopic Rail



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Light Telescopic Rail

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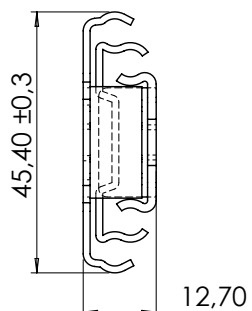
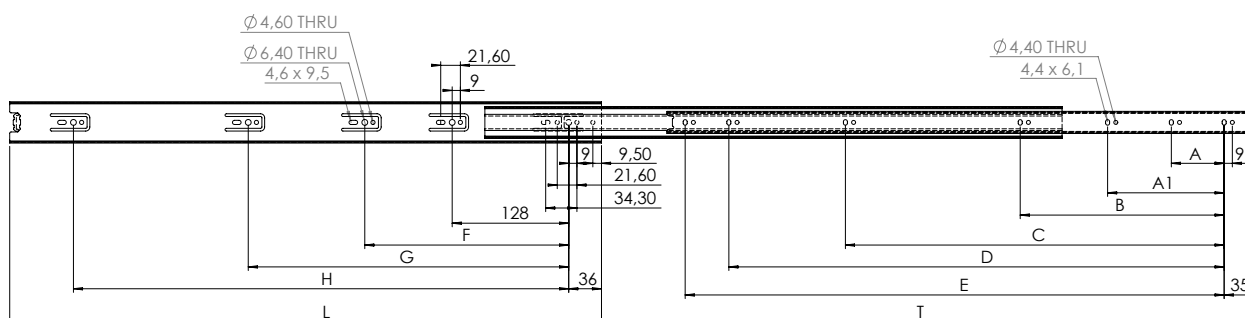
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LTR4613 - 100% Extension



The Light Telescopic Rail 4613 is made for smaller loads. It is possible to disassemble the LTR4613 into two parts to make the mounting easier. The locking device A is a soft bumper with a hold function. See page 10, Locking device, for further information.



TECHNICAL PRODUCT SPECIFICATION

Deflection: Max 4 % of extension length

Max temp: 80° celsius

Material: Galvanised steel, blue-galvanised steel

Possible with Surface treatment: No

Max. Recommended Load: Read in column below "Load per pair"
Calculated on 10 000 cycles.

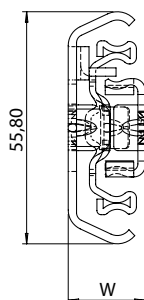
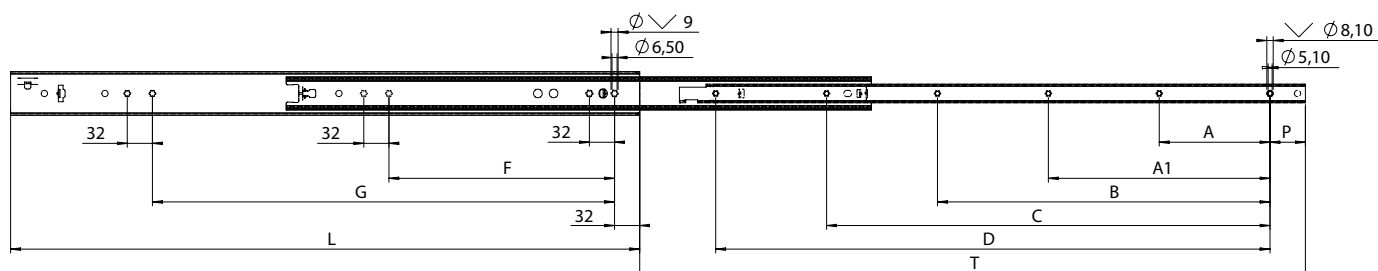
TECHNICAL DIMENSIONS

Article number	Closed Length L	Extension Length T	F	G	H	E	D	C	B	A1	A	Locking Device	Safety Lock	Load per pair in Kg
LTR4613-300/305AN	300	305	224	-	-	242	-	-	-	-	-	A	No	50
LTR4613-350/356AN	350	356	224	-	-	292	-	-	-	-	-	A	No	50
LTR4613-400/406AN	400	406	224	320	-	342	-	-	320	-	-	A	No	50
LTR4613-450/457AN	450	457	224	352	-	392	-	-	320	128	-	A	No	47
LTR4613-500/508AN	500	508	224	416	-	442	-	-	352	128	-	A	No	45
LTR4613-550/559AN	550	559	224	352	448	492	-	416	-	128	-	A	No	42
LTR4613-600/610AN	600	610	224	352	480	542	-	416	-	128	-	A	No	40
LTR4613-650/660AN	650	660	224	352	544	592	544	416	-	128	224	A	No	38
LTR4613-700/711AN	700	711	224	352	544	642	544	448	-	128	224	A	No	33

LTR5619 - 100% Extension



The Light Telescopic Rail 5619 fits in many applications, with different loads. The LTR5619-800/800 and shorter, includes locking device B. The LTR5619-900/950 and longer, includes locking device A. See page 10, Locking device, for further information.



TECHNICAL PRODUCT SPECIFICATION

Deflection: Max 4 % of extension length

Max temp: 100° celsius

Material: Galvanised steel, blue-galvanised steel

Possible with Surface treatment: On customer request

Max. Recommended Load: Read in column below "Load per pair"
Calculated on 10 000 cycles.

TECHNICAL DIMENSIONS

Article number	Closed Length L	Extension Length T	W	F	G	D	C	B	A1	A	P	Locking Device	Safety Lock	Load per pair in Kg
LTR5619-300/285BN	300	285	18,5	160	-	192	-	-	-	96	45	B	No	94
LTR5619-350/350BN	350	350	18,5	160	-	256	-	-	-	128	45	B	No	96
LTR5619-400/400BN	400	400	18,5	192	-	288	-	-	-	128	45	B	No	97
LTR5619-450/450BN	450	450	18,5	256	-	352	-	-	-	160	45	B	No	110
LTR5619-500/500BN	500	500	18,5	288	-	416	-	-	-	192	45	B	No	119
LTR5619-550/550BN	550	550	18,5	320	-	448	-	-	-	224	45	B	No	118
LTR5619-600/600BN	600	600	18,5	384	-	512	-	256	-	128	45	B	No	123
LTR5619-700/700BN	700	700	18,5	416	-	608	-	288	-	128	45	B	No	129
LTR5619-800/800BN	800	800	18,5	352	640	704	-	352	-	160	45	B	No	121
LTR5619-900/950AN	900	950	17,2	384	736	854	-	569	-	285	20	A	No	105
LTR5619-1000/1050AN	1000	1050	17,2	448	832	954	715,5	477	-	238,5	20	A	No	81
LTR5619-1200/1250AN	1200	1250	17,2	544	1024	1154	923	692	462	231	20	A	No	57

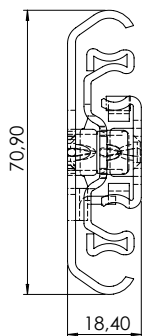
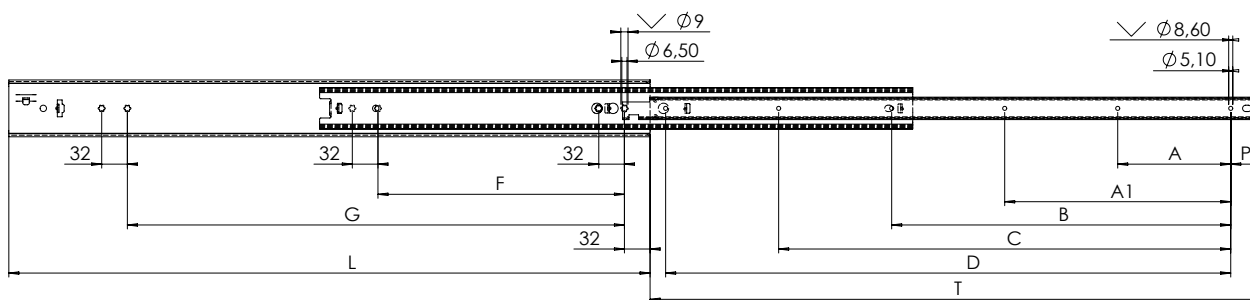
LTR7118 - 100% Extension



The Light Telescopic Rail 7118 is made for high loads.

The LTR7118-800/800 and shorter, includes locking device B. The LTR7118-900/950 and longer, includes locking device A.

See page 10, Locking device, for further information. The LTR 7118 suits well in applications that needs a stiffer light telescopic solution.



TECHNICAL PRODUCT SPECIFICATION

Deflection: Max 4 % of extension length

Max temp: 100° celsius

Material: Galvanised steel, blue-galvanised steel

Possible with Surface treatment: On customer request

Max.Recommended Load: Read in column below "Load per pair"
Calculated on 10 000 cycles.

TECHNICAL DIMENSIONS

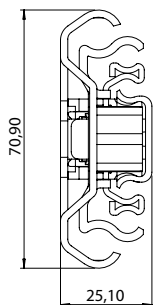
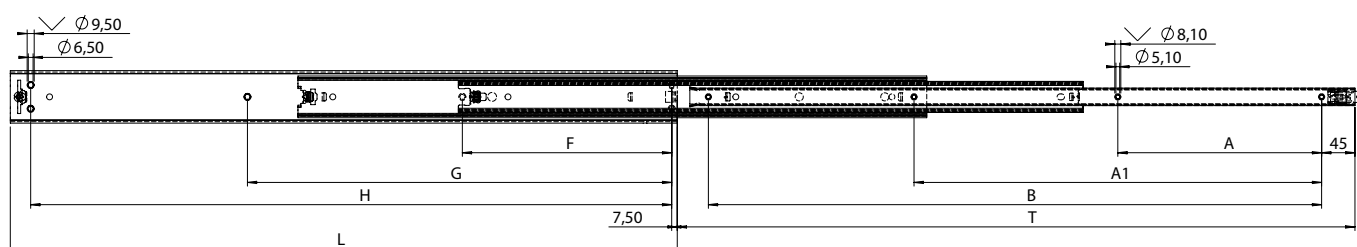
Article number	Closed Length L	Extension Length T	F	G	D	C	B	A1	A	P	Locking Device	Safety Lock	Load per pair in Kg
LTR7118-400/400BN	400	400	256	-	288	-	-	-	128	45	B	No	170
LTR7118-450/450BN	450	450	256	-	352	-	-	-	160	45	B	No	190
LTR7118-500/500BN	500	500	320	-	416	-	-	-	192	45	B	No	212
LTR7118-550/550BN	550	550	320	-	448	-	-	-	224	45	B	No	230
LTR7118-600/600BN	600	600	416	-	512	-	256	-	128	45	B	No	230
LTR7118-700/700BN	700	700	416	-	608	-	288	-	128	45	B	No	228
LTR7118-800/800BN	800	800	352	640	704	-	352	-	160	45	B	No	219
LTR7118-900/950AN	900	950	384	736	854	-	569	-	285	20	A	No	192
LTR7118-1000/1050AN	1000	1050	448	832	954	-	715.5	477	238.5	20	A	No	179
LTR7118-1200/1250AN	1200	1250	544	1024	1154	923	692	462	231	20	A	No	163

LTR7125 – 140% Extension



The Light Telescopic Rail 7125 is made to fit applications that needs a longer extension than the length of the rail. The locking device is a soft bumper with a hold close function.

The LTR7125 has an extra safety lock which keeps the slider closed. To release the lock, manually push the green handle. See page 10, Locking device, for further information.



TECHNICAL PRODUCT SPECIFICATION

- Deflection:** Max 4 % of extension length
- Max temp:** 100° celsius
- Material:** Galvanised steel, blue-galvanised steel
- Possible with Surface treatment:** On customer request
- Max.Recommended Load:** Read in column below "Load per pair"
Calculated on 10 000 cycles.

TECHNICAL DIMENSIONS

Article number	Closed Length L	Extension Length T	F	G	H	B	A1	A	Locking Device	Safety Lock	Load per pair in Kg
LTR7125-300/395AS	300	395	142.5	-	265	-	227.5	105	A	Yes	80
LTR7125-400/595AS	400	595	192.5	-	365	327.5	218	115	A	Yes	90
LTR7125-500/750AS	500	750	155	310	465	427.5	290	145	A	Yes	90
LTR7125-600/900AS	600	900	182.5	372.5	565	527.5	340	170	A	Yes	100
LTR7125-700/1050AS	700	1050	212.5	432.5	665	627.5	400	200	A	Yes	100
LTR7125-800/1200AS	800	1200	247.5	502.5	765	727.5	480	240	A	Yes	100
LTR7125-900/1350AS	900	1350	282.5	572.5	865	827.5	550	275	A	Yes	100

Additional facts

WHERE AND WHEN TO USE LIGHT TELESCOPIC RAILS:

Light telescopic rail are often used in pairs and in vertical 90 degrees upright position. They are used in applications with loads between 1–230 kilo per pair, and where a high stiffness on the rail is not required.

If you are looking for a Telescopic rail with higher loads and higher stiffness please look in our catalogue of heavy telescopic rails or contact AluFlex.

Light telescopic rails are used in many different applications, most common telescopic solutions are in drawers, sliding doors, footsteps, etc. But of course it is only your imagination that put the limit for where to use them.

RECOMMENDED LOADS ON LIGHT TELESCOPIC RAILS:

We are recommending loads on Light telescopic rails between 1–230 Kg, please look in the column Load per pair for each rail. The load each pair of rail can carry depends on the length of the telescopic movement and the size of the slider.

HORIZONTAL OR VERTICAL MOVEMENT:

We recommend to use our Light telescopic rails in horizontal movements, if you require a vertical telescopic movement please contact AluFlex and we will help you to find the solutions for the vertical movement.

DEFLECTION ON THE TELESCOPIC SLIDER:

The Light telescopic rails are products with low stiffness. If you require a higher stiffness on your telescopic movement please look in our catalogue Heavy telescopic rails like LCE, LCAD, LCAH and LCAS, or please contact AluFlex.

STOCK ITEMS:

The standard Light telescopic rails in this catalogue are normal stock items, and can be delivered within a few days. If you do not find the Light telescopic solution that you are looking for in this catalogue AluFlex can make a customised telescopic rail of your special demands. Please see page 11.

ENVIRONMENT:

Our standard Light telescopic rails are made of galvanised steel and can handle the most normal environments, but if you require a surface treatment for special environment please contact AluFlex for different surface treatments.

SPECIAL SOLUTIONS ON TELESCOPIC MOVEMENT:

We have many different solutions of telescopic movements in our program, if you do not find the telescopic solution you are looking for in this catalogue please contact AluFlex and we will help you design a solution to meet your requirements.

Article number

The chart below describes how the LTR article number is configured, use this configuration code when ordering.

Code for light telescopic rail

	LTR	7125	-	300/	395	A	S
Series: LTR							
Model of Light telescopic rail: 4613, 5619, 7118, 7125							
Closed length on Light telescopic rail:							
Extension length on Light telescopic rail:							
Type of locking device: A, B							
Safety lock: S (Safety lock, 1 per pair), N (No Safety lock)							

Lubrication advice

Our light telescopic rails are pre-lubricated from the factory. The rails are maintenance free, the first 100 000 strokes. After this amount of strokes you need to lubricate with normal ballbearing grease in small portion on the ballway of the light telescopic rail.

Load per pair description

Each telescopic rail in this catalogue has a "Load per pair in Kg" column that shows max recommended load per pair.

The amount in the "Load per pair in Kg" column is only valid when the position of the load is placed evenly on the extension length of the telescopic rail, like the drawing.



Locking device

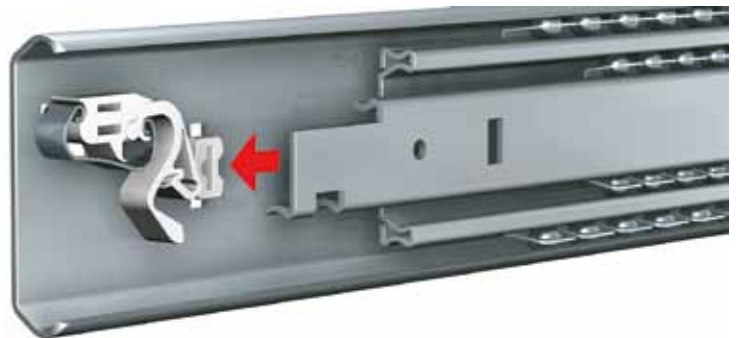
Locking device A

The locking device A is a simple version of locking device. It is a soft bumper that holds the telescopic rail in a closed position.



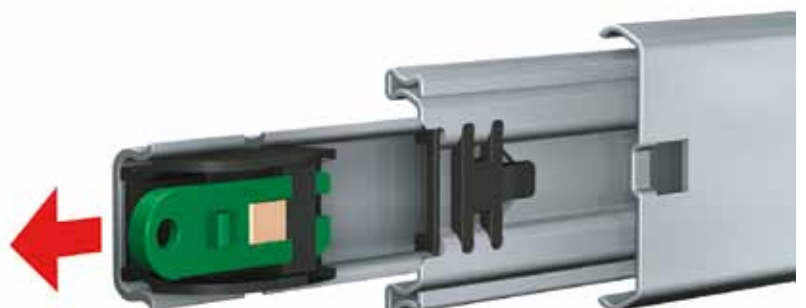
Locking device B

The locking device B is an advanced locking device. 15 mm before closing, the locking device B will catch the slider and drag it in to a locked position. The locking device gives a small resistance when you open the rail.



Safety lock

The safety lock is used mainly to make sure that the telescopic rail will not open by accident. To open the telescopic rail, push the green handle to the side and pull the rail. The safety lock is only included when ordering LTR7125.



Special customised light telescopic rails

If you do not find the telescopic solution that you are looking for in this catalogue, AluFlex can manufacture a customised telescopic rail to your special demands, according to the below points. Please contact AluFlex for a proposal on customised light telescopic rails.

The points below describes which areas we can manufacture a special design:

- SURFACE TREATMENT:
Special surface treatment for different environments
- LENGTH ON THE TELESCOPIC RAIL AND EXTENSION:
Closed and extension length will be customised to your needs.
- LOAD ON THE TELESCOPIC RAIL:
Load capacity for each pair of telescopic rails will be customised after your needs.
- FASTENING POSSIBILITIES OF THE TELESCOPIC RAIL:
We customise the telescopic rail to your needs of fastening possibilities, for example special fastening holes or bayonet fastening methods.
- QUANTITY:
Minimum quantity for ordering customised light telescopic rail, is 250 pair per each model of telescopic rail.

Mounting advice

When mounting the Light telescopic rail we recommend you to use a countersunk screw both on the cabinet side and the drawer side.

The size on the countersunk screw hole you will find in the drawings on product page 4-7.

Surface treatment

STANDARD SURFACE TREATMENT:

All of our standard Light telescopic rails have a surface treatment called Blue galvanized steel. This means that they will resist a salt spray test, of 72 hours, before red rust appears.

SPECIAL SURFACE TREATMENT:

If you require a special surface treatment according to a rough environment, we can manufacture a special surface treatment to meet your requirements. Please read more under Special customised Light telescopic rails, or please contact AluFlex.

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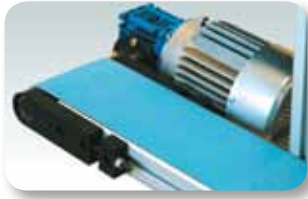
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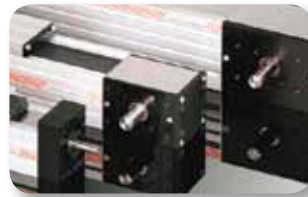
Heavy Telescopic Rail



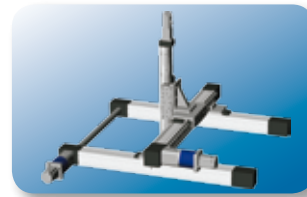
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AluFlex AB | item profiili oy | LinearModul A/S | AluFlex System AS

AluFlex AB
Lilla Garnisonsgatan 34
254 67 Helsingborg
Tel +46 42 38 02 30
Fax +46 42 38 02 31
orders@aluflex.se
www.aluflex.se

LinearModul A/S
Sivlandvænget 13 B
5260 Odense S
Tel +45 65 91 72 10
Fax +45 65 91 72 20
orders@linearmodul.dk
www.linearmodul.dk

AluFlex System AS
Energivegen 14
Postboks 428
2051 Jessheim
Tlf +47 63 94 49 20
Faks +47 63 94 49 21
orders@aluflex.no
www.aluflex.no

item profiili oy
Sienitie 27
00760 Helsinki
Puh +358 9 854 56 50
Fax +358 9 854 56 544
orders@itemprofiili.fi
www.itemprofiili.fi

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