

Telescopic slides



Technical information for telescopic slides

Construction:

Telescopic slides consist of two or more ball-bearing supported guide rails mounted one inside another that can be pulled out like a telescope. The load rating of a telescopic slide is determined by the following factors:

- Rail length
- Travel length
- No. of cycles
- Material
- Installation
- System assembly

The load bearing capacity per pair given in the catalogue indicates the maximum load rating of a vertically mounted slide pair when the entire extension length is used. It assumes that all the designated fastening positions are used with suitable fastening elements and tests are carried out under the intended working conditions.

Extension types:

Partial extension:

Travel (pull-out length) ca. 70-80% of slide length

Full extension:

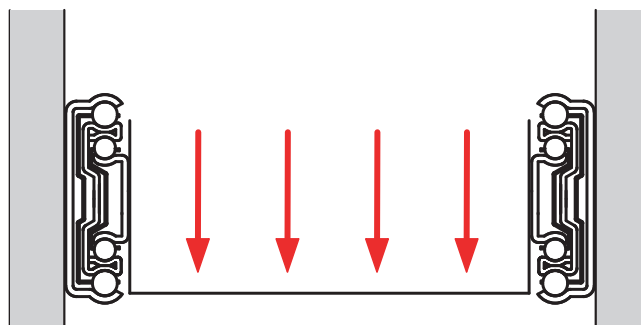
Travel (pull-out length) 100% of slide length

Over-extension:

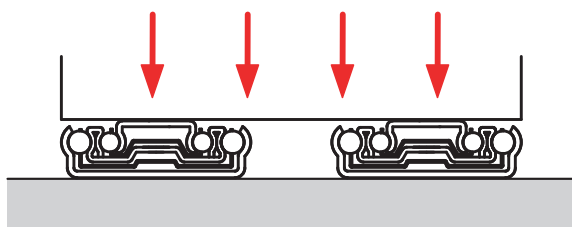
Travel (pull-out length) >100% of slide length

Temperature range:

- Application temperature +10°C to +40°C
- Storage and transport temperature -20°C to +80°C (by K0541 to +60°C)



Vertically mounted telescopic rails have ball races lying one over the other. This special design makes them highly torsion resistant and significantly increases the service life and the load bearing capacity.



Under certain conditions the telescope rails can also be mounted horizontally. However, the loading values are 50-60% less than vertically mounted rails.

Possible features of telescopic slides:

Interlock:

The interlock fixates the guide in the closed position.

Retraction damping:

The closing speed is dampened and the draw moves automatically to the closed position. Additionally, a defined force must be overcome to open the draw which prevents unintentional opening.

Auto-retraction:

When closing a spring mechanism fully retracts the guide 25 mm prior to reaching the end position. The automatic retracting force can be altered by re-positioning the spring.

Separable inner rail:

A separable inner rail enables detachment of the inner rail profile. This enables the moving element to be fully removed from the guide.



Telescopic slides

partial extension, loading up to 15 kg

**Material:**

Slides steel.
Ball cages plastic.
Balls C-steel.

Version:

Slides, hot galvanized.
Balls hardened.

Sample order:

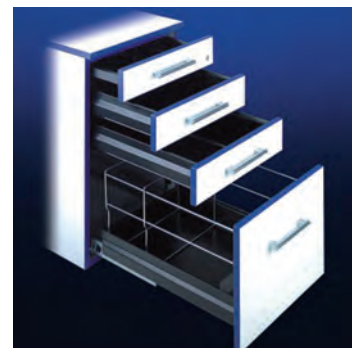
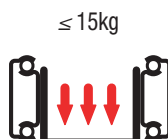
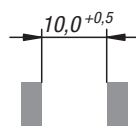
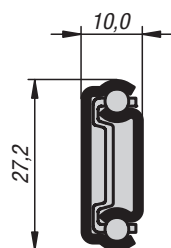
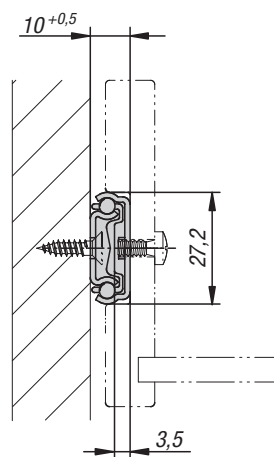
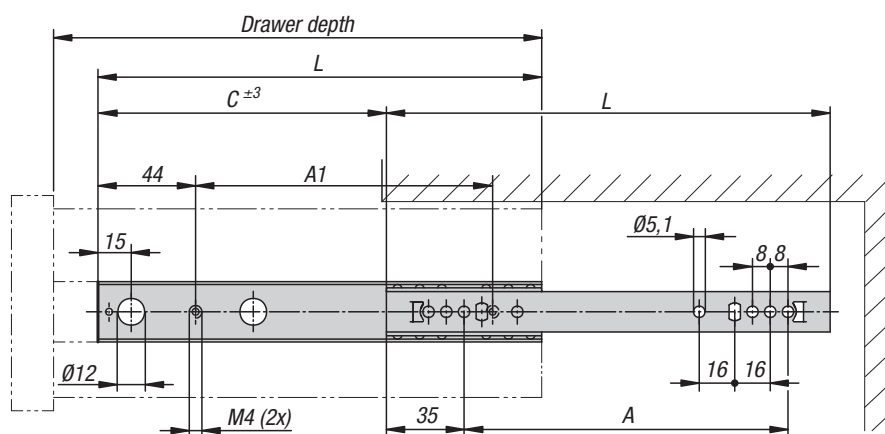
K0536.10214 (supplied individually)

Note:

For telescopic slides with partial extension, the travel is less than the overall length. They are an inexpensive solution for low friction rails of drawers or similar. The dynamic load capacity of the telescopic slides indicates the maximum load rating of a vertically mounted slide pair when the entire extension length is used. The specified load-bearing capacities refer to the maximum value at 100,000 cycles. The telescopic slides can be extended in both directions.

Attention:

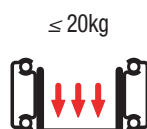
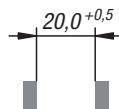
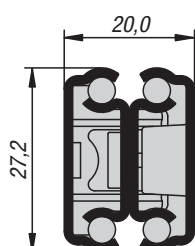
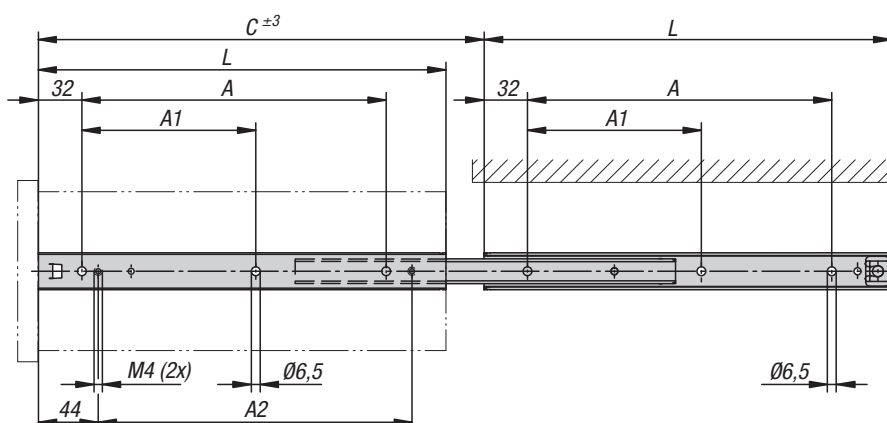
All telescopic rails are tested to DIN EN 15338.

**KIPP Telescopic slides, partial extension, load capacity up to 15 kg**

Order No.	A	A1	C (travel)	L	Drawer depth from - to	Loading per pair kg
K0536.10214	160	138	144	214	214 - 348	15
K0536.10310	256	234	220	310	310 - 520	15
K0536.10406	352	330	276	406	406 - 672	15
K0536.10470	416	394	320	470	470 - 780	15

Telescopic slides

over-extension, loading up to 20kg

**Material:**

Slides steel.
Ball cages steel.
Balls C-steel.

Version:

Slides, hot galvanized.
Ball cages, galvanized.
Balls hardened.

Sample order:

K0777.10350 (supplied individually)

Note:

For telescopic slides with over-extension the travel is greater than the installation length. Locks in closed position. The dynamic load capacity of the telescopic slides indicates the maximum load rating of a vertically mounted slide pair when the entire extension length is used. The specified load-bearing capacities refer to the maximum value at 100,000 cycles.

Attention:

All telescopic rails are tested to DIN EN 15338.

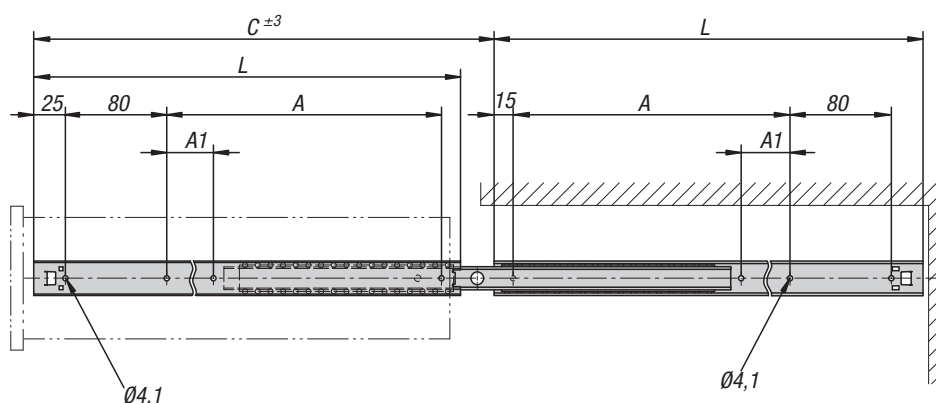
KIPP Telescopic slides, over-extension, load capacity up to 20 kg

Order No.	A	A1	L	A2	C (travel)	Loading per pair kg
K0777.10200	128	-	200	131	228	20
K0777.10250	160	-	250	181	278	20
K0777.10300	224	128	300	231	328	20
K0777.10350	256	128	350	281	378	20
K0777.10400	320	160	400	331	426	20
K0777.10450	384	192	450	381	478	20
K0777.10500	416	224	500	431	528	20
K0777.10550	448	224	550	481	578	20

K0778

Telescopic slides

over-extension, loading up to 25kg, stainless steel



Material:

Rails stainless steel.

Ball cage stainless steel.

Balls stainless steel.

Sample order:

K0778.20300 (supplied individually)

Note:

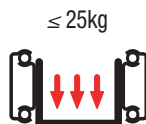
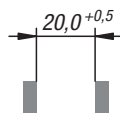
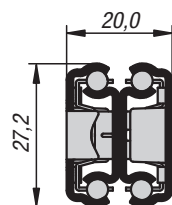
For telescopic slides with over-extension the travel is greater than the installation length. The dynamic load capacity of the telescopic slides indicates the maximum load rating of a vertically mounted slide pair when the entire extension length is used. The specified load-bearing capacities refer to the maximum value at 100,000 cycles.

Advantages:

Application temperature -30°C to +200°C.

Attention:

All telescopic rails are tested to DIN EN 15338.



KIPP Telescopic slides, over-extension, load capacity up to 25 kg, stainless steel

Order No.	A	A1	L	C (travel)	Loading per pair kg
K0778.20300	180	-	300	326	25
K0778.20350	230	70	350	376	25
K0778.20400	280	100	400	426	25
K0778.20450	330	100	450	476	25
K0778.20500	380	140	500	526	25
K0778.20550	430	160	550	576	25

K0537

Telescopic slides

partial extension, loading up to 35 kg


Material:

Slides steel.

Ball cages plastic.

Balls C-steel.

Version:

Slides, hot galvanized.

Balls hardened.

Sample order:

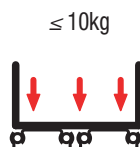
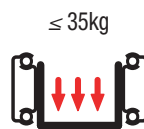
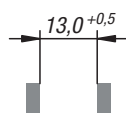
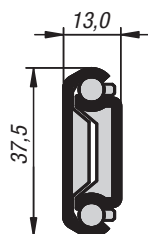
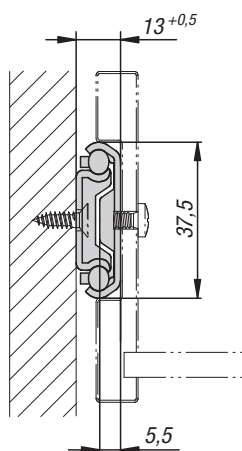
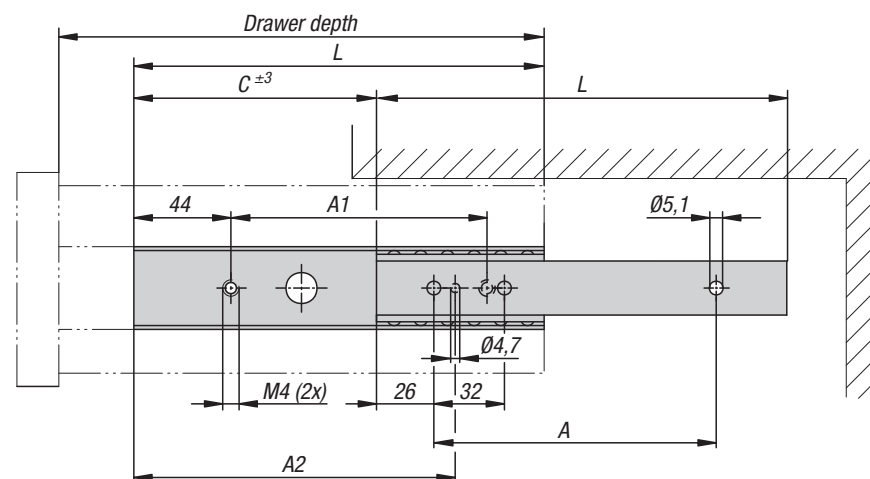
K0537.10242 (supplied individually)

Note:

For telescopic slides with partial extension, the travel is less than the overall length. They are an inexpensive solution for low friction rails for drawers and similar. The dynamic load capacity of the telescopic slides indicates the maximum load rating of a vertically mounted slide pair when the entire extension length is used. The value is 50-60% lower for horizontal mounting. The specified load-bearing capacities refer to the maximum value at 100,000 cycles. The telescopic slides can be extended in both directions.

Attention:

All telescopic rails are tested to DIN EN 15338.



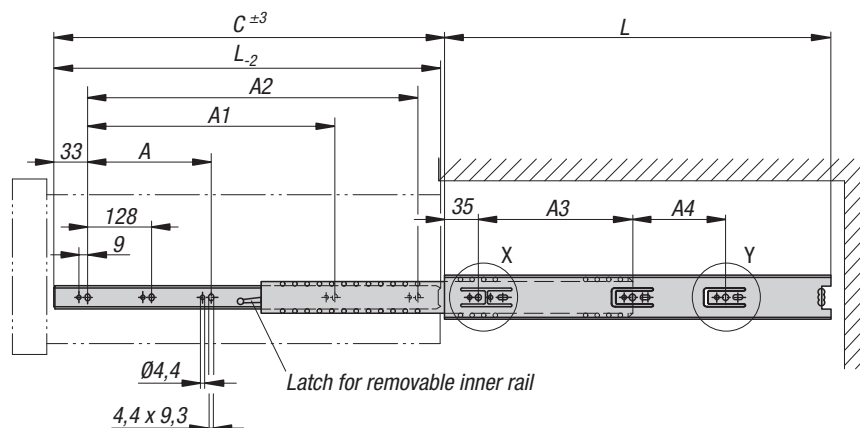
KIPP Telescopic slides, partial extension, load capacity up to 35 kg

Order No.	A	A1	A2	L	C (travel)	Drawer depth from - to	Loading per pair kg	Loading per pair horizontal kg
K0537.10242	192	166	202	242	154	242 - 380	35	10
K0537.10317	256	241	277	317	229	317 - 530	35	10
K0537.10398	352	322	358	398	298	398 - 680	35	10
K0537.10473	416	397	433	473	373	473 - 780	35	10

K0539

Telescopic slides

full extension, separable, loading up to 40 kg


Material:

Slides steel.

Ball cages steel and plastic.

Balls C-steel.

Version:

Slides bright chromed.

Balls hardened.

Sample order:

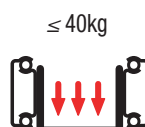
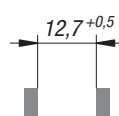
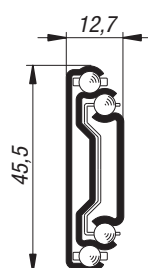
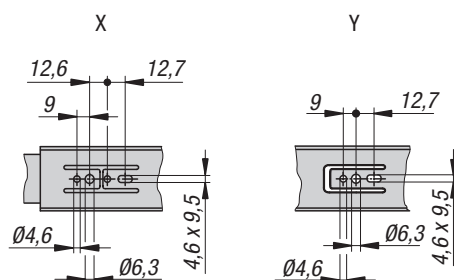
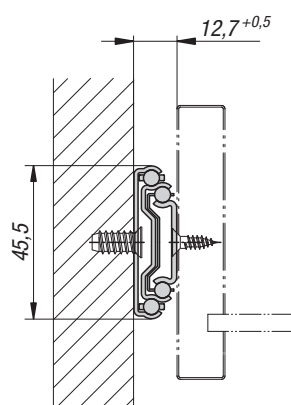
K0539.10300 (supplied individually)

Note:

For telescopic slides with full extension, the travel is equal to the overall length, which guarantees more comfort and accessibility. Separable internal slides allow the detachment of inner and outer profiles. Interlocks in closed position. The dynamic load capacity of the telescopic slides indicates the maximum load rating of a vertically mounted slide pair when the entire extension length is used. The specified load-bearing capacities refer to the maximum value at 50,000 cycles.

Attention:

All telescopic rails are tested to DIN EN 15338.


KIPP Telescopic slides, full extension, separable, load capacity up to 40 kg

Order No.	A	A1	A2	A3	A4	C (travel)	L	Drawer depth	Loading per pair kg
K0539.10300	-	-	242	192	-	305	300	300	30
K0539.10350	-	-	292	256	-	356	350	350	30
K0539.10400	-	256	342	160	96	406	400	400	35
K0539.10450	-	256	392	160	160	457	450	450	35
K0539.10500	-	352	442	224	128	508	500	500	35
K0539.10550	224	416	492	224	192	559	550	550	40
K0539.10600	224	416	542	224	224	610	600	600	40

K0538

Telescopic slides

full extension, separable, loading up to 52 kg

19"

Material:

Slides and ball cage steel.
Balls C-steel.

Version:

Slides galvanized and blue passivated.
Ball cages galvanized.
Balls hardened.

Sample order:

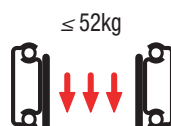
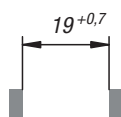
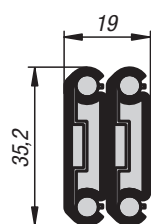
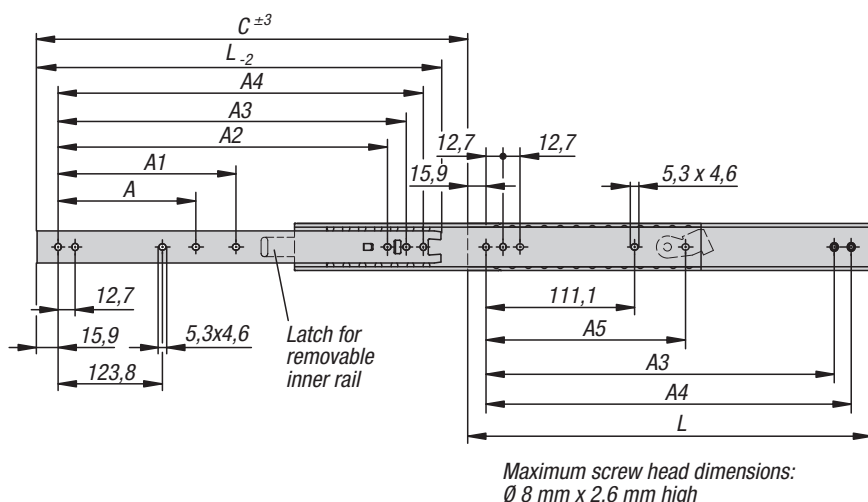
K0538.10305 (supplied individually)

Note:

For telescopic slides with full extension, the travel is equal to the overall length, which guarantees more comfort and accessibility. These slides were specially developed for 19" technology. Separable internal slides allow the detachment of inner and outer profiles. Frictional engagement in the opened position. The dynamic load capacity of the telescopic slides indicates the maximum load rating of a vertically mounted slide pair when the entire extension length is used. The specified load capacities refer to a maximum value after 100,000 cycles.

Attention:

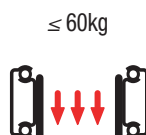
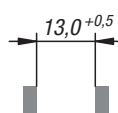
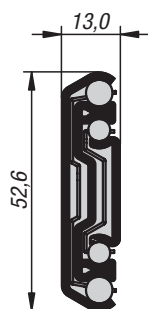
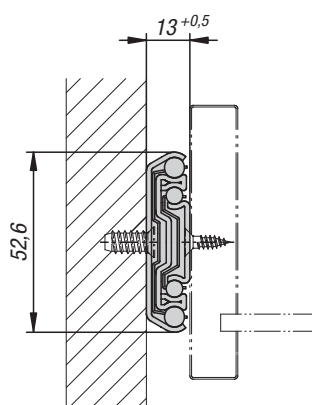
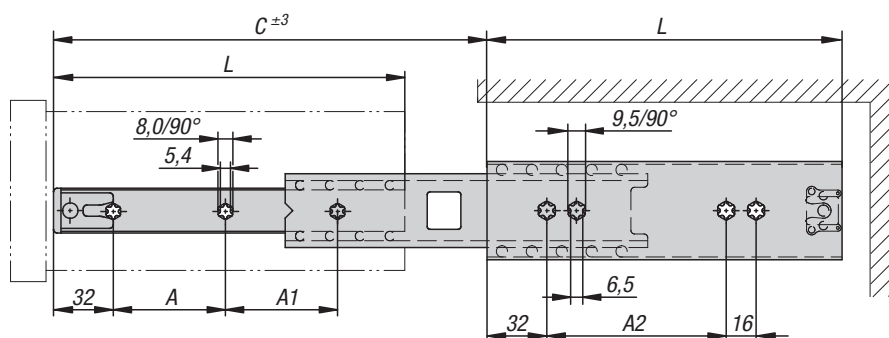
All telescopic rails are tested to DIN EN 15338.


KIPP Telescopic slides, full extension, separable, load capacity up to 52 kg

Order No.	A	A1	A2	A3	A4	A5	C (travel)	L	L inch	Loading per pair kg
K0538.10305	-	-	-	260,3	273	-	316	305	12	45
K0538.10330	-	-	273	285,7	298,4	-	353	330	13	45
K0538.10356	-	-	298,4	311,1	323,8	-	381	356	14	46
K0538.10406	-	-	349,2	361,9	374,6	250,8	433	406	16	49
K0538.10457	212,7	-	400	412,7	425,4	301,6	484	457	18	50
K0538.10508	238,1	365,1	450,9	463,6	476,3	352,4	531	508	20	51
K0538.10533	250,8	390,5	476,2	488,9	501,6	377,8	554	533	21	51
K0538.10559	263,5	415,9	501,6	514,3	527	403,2	585	559	22	51
K0538.10610	288,9	466,7	552,4	565,1	577,8	454	636	610	24	52
K0538.10660	314,3	517,5	603,2	615,9	628,6	504,8	687	660	26	52

Telescopic slides

over-extension, loading up to 60 kg

**Material:**Slides and ball cages steel.
Balls C-steel.**Version:**Slides hot galvanized.
Ball cages galvanized.
Balls hardened.**Sample order:**

K0540.10300 (supplied individually)

Note:

For telescopic slides with over-extension the travel is greater than the installation length. Locks in closed position. The dynamic load capacity of the telescopic slides indicates the maximum load rating of a vertically mounted slide pair when the entire extension length is used. The specified load-bearing capacities refer to the maximum value at 100,000 cycles.

Attention:

All telescopic rails are tested to DIN EN 15338.

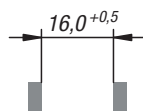
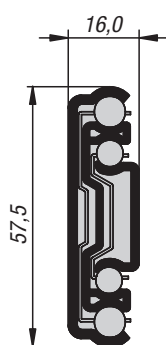
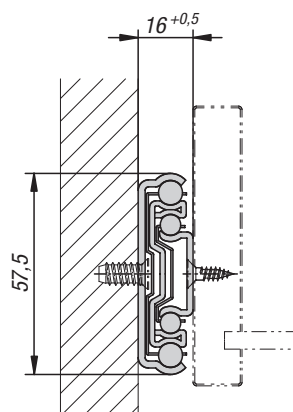
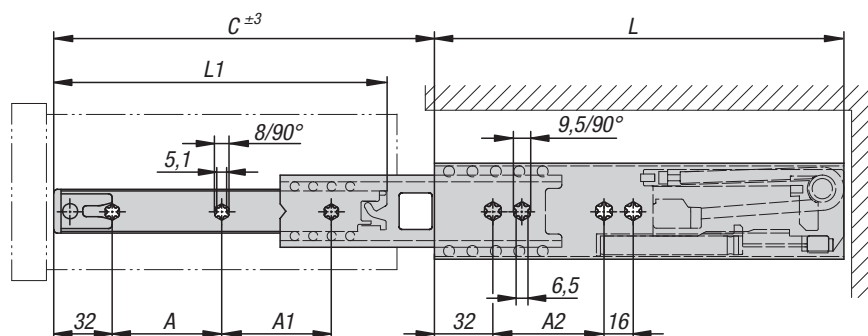
KIPP Telescopic slides, over-extension, load capacity up to 60 kg

Order No.	A	A1	A2	C (travel)	L	Drawer depth	Loading per pair kg
K0540.10300	128	104	160	350	300	300	35
K0540.10350	128	152	256	400	350	350	40
K0540.10400	160	168	256	450	400	400	45
K0540.10450	160	224	256	500	450	450	50
K0540.10500	224	208	384	550	500	500	55
K0540.10550	224	256	384	600	550	550	55
K0540.10600	288	240	384	650	600	600	60
K0540.10650	288	288	384	700	650	650	60
K0540.10700	320	312	384	750	700	700	60
K0540.10750	320	360	384	800	750	750	60

K0541

Telescopic slides

over-extension, loading up to 60 kg



≤ 60kg



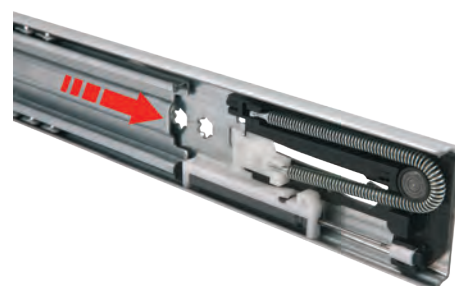
Material:
Slides and ball cages steel.
Balls C-steel.

Version:
Slides hot galvanized.
Ball cages galvanized.
Balls hardened.

Sample order:
K0541.10400 (supplied individually)

Note:
For telescopic slides with over-extension, the travel is greater than the overall length, which guarantees more comfort and accessibility. The slides have Soft-Control to dampen closing and close automatically. The dynamic load capacity of the telescopic slides indicates the maximum load rating of a vertically mounted slide pair when the entire extension length is used. The specified load-bearing capacities refer to the maximum value at 100,000 cycles.

Attention:
All telescopic rails are tested to DIN EN 15338.



KIPP Telescopic slides, over-extension, load capacity up to 60 kg

Order No.	A	A1	A2	C (travel)	L	L1	Drawer depth	Loading per pair kg
K0541.10400	128	128	224	434	400	371	400	40
K0541.10450	160	160	256	484	450	421	450	50
K0541.10500	160	192	320	534	500	471	500	55
K0541.10550	192	192	320	584	550	521	550	60

K0543

Telescopic slides with support bracket

over-extension, loading up to 75 kg


Material:

Slides and ball cages steel.
Balls C-steel.

Version:

Slides hot galvanized.
Ball cages galvanized.
Balls hardened.

Sample order:

K0543-10350 (supplied in pairs)

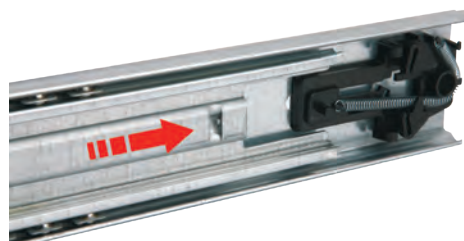
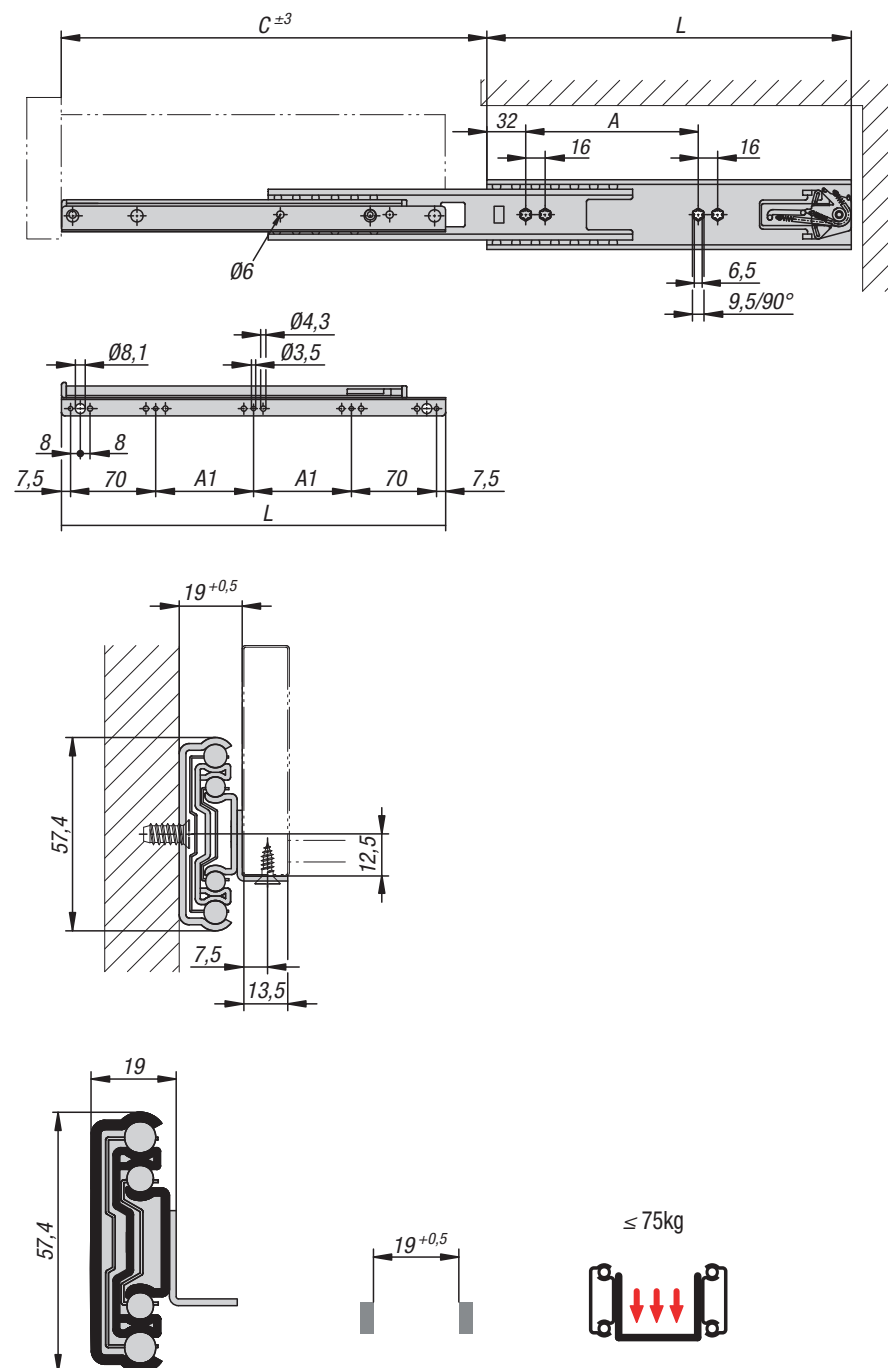
Note:

For telescopic slides with over-extension, the travel is greater than the overall length. The guide rail is automatically drawn to the end position by the integrated self-retraction during closing. The side fittings on the inner slide are replaced by angle brackets. The dynamic load capacity of the telescopic slides indicates the maximum load rating of a vertically mounted slide pair when the entire extension length is used. The specified load capacities refer to a maximum value after 100,000 cycles.

Supplied in pairs.

Attention:

All telescopic rails are tested to DIN EN 15338.



Integrated auto-retraction with adjustable spring force.
Retraction length: 25 mm

KIPP Telescopic slides with support bracket, over-extension, load capacity up to 75 kg

Order No.	A	A1	C (travel)	L	Drawer depth	Loading per pair kg
K0543.10350	192	97,5	384	350	350 - 400	60
K0543.10450	256	147,5	484	450	450 - 500	70
K0543.10550	352	197,5	584	550	550 - 600	75
K0543.10700	384	272,5	734	700	700 - 750	75

Telescopic slides

over-extension, loading up to 80 kg

**Material:**

Slides hot galvanized.
Balls C-steel.

Version:

Slides hot galvanized.
Ball cages galvanized.
Balls hardened.

Sample order:

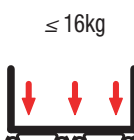
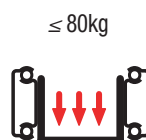
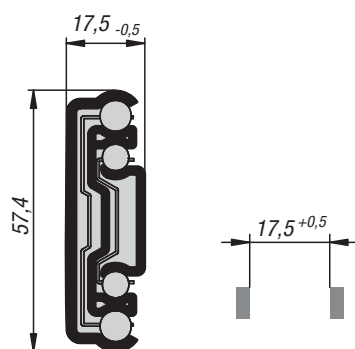
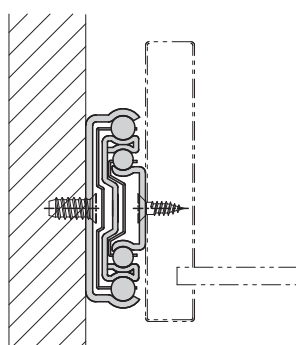
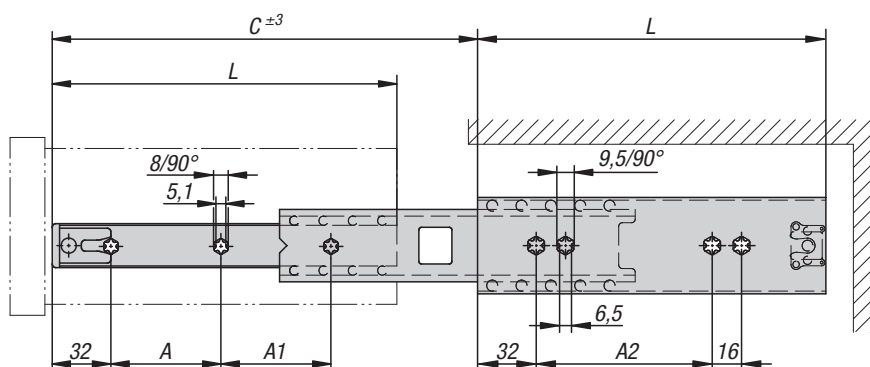
K0542.10300 (supplied individually)

Note:

For telescopic slides with over-extension, the travel is greater than the overall length. Interlock in closed position. The dynamic load capacity of the telescopic slides indicates the maximum load rating of a vertically mounted slide pair when the entire extension length is used. The value lower for horizontal mounting. The specified load-bearing capacities refer to the maximum value at 100,000 cycles.

Attention:

All telescopic rails are tested to DIN EN 15338.

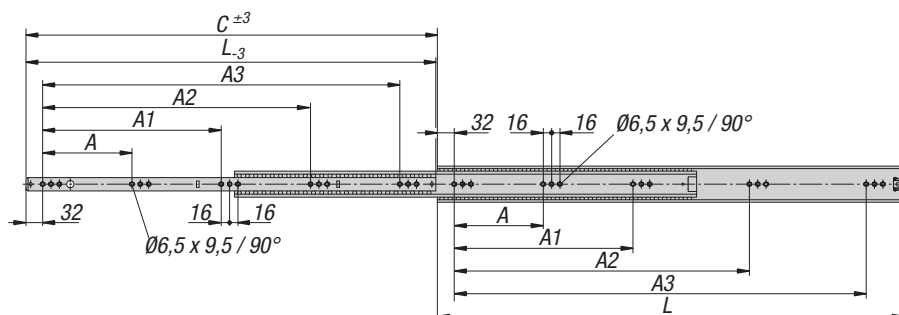


KIPP Telescopic slides, over-extension, load capacity up to 80 kg

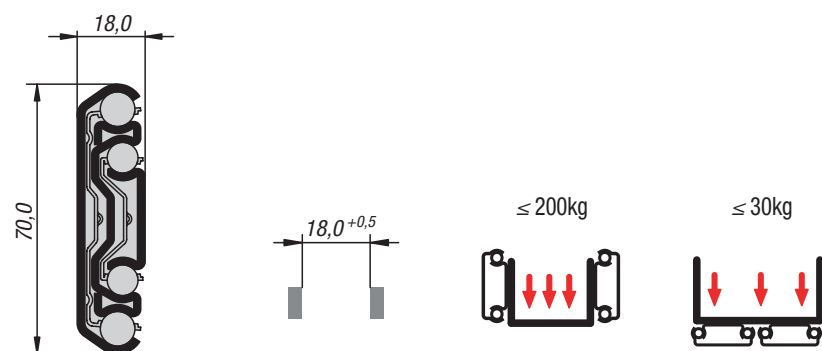
Order No.	A	A1	A2	C (travel)	L	Drawer depth	Loading per pair kg	Loading per pair horizontal kg
K0542.10300	128	104	160	350	300	300	50	16
K0542.10350	128	152	256	400	350	350	60	16
K0542.10400	160	168	256	450	400	400	65	16
K0542.10450	160	224	256	500	450	450	70	16
K0542.10500	224	208	384	550	500	500	75	16
K0542.10550	224	256	384	600	550	550	75	16
K0542.10600	288	240	384	650	600	600	80	16
K0542.10650	288	288	384	700	650	650	80	16
K0542.10700	320	312	384	750	700	700	80	16
K0542.10750	320	360	384	800	750	750	80	16

Telescopic slides

heavy-duty, full extension, loading up to 200 kg



Fastening with M5 counter sunk head screws (head height 2.5 mm)
or Euro screws (counter sunk head height 1.5 mm)

**Material:**

Slides and ball cage steel.
Balls C-steel.

Version:

Slides galvanized and blue passivated.
Ball cages galvanized.
Balls hardened.

Sample order:

K0544.10400 (supplied individually)

Note:

For telescopic slides with full extension, the travel is equal to the overall length, which guarantees more comfort and accessibility. Interlocks in closed position. The dynamic load capacity of the telescopic slides indicates the maximum load rating of a vertically mounted slide pair when the entire extension length is used. The value is lower for horizontal mounting. The specified load-bearing capacities refer to the maximum value at 10,000 or 100,000 cycles.

Attention:

All telescopic rails are tested to DIN EN 15338.

KIPP Telescopic slides, heavy-duty, full extension, load capacity up to 200 kg

Order No.	A	A1	A2	A3	C (travel)	L	Loading pair (10,000 cycles) kg	Loading per pair (100,000 cycles) kg	Loading per pair horizontal kg
K0544.10400	-	-	-	288	400	400	180	105	30
K0544.10450	-	-	160	320	450	450	190	115	30
K0544.10500	-	-	192	384	500	500	195	130	30
K0544.10550	-	-	224	448	550	550	200	130	30
K0544.10600	-	-	224	448	600	600	195	130	30
K0544.10700	-	192	384	576	700	700	175	130	30
K0544.10800	-	224	448	672	800	800	145	120	30
K0544.11100	224	448	672	896	1100	1100	105	90	20