

Accuride®



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Selection Tool

on the Internet at

www.maedler.de

in the section

MÄDLER®-Tools

General Description and Technical Notes

General Description and Application

High-quality, maintenance-free, ball bearing precision slides for various applications in machines and appliances used in trade or industry:

e.g. vending machines, automated pay stations, production plants, for protected storage of input or monitoring devices on computer controlled machine tools and production lines, pull-out shelves, cover hoods etc. In vehicles (mobile workshop, fire rescue or first aid trucks/vehicles, passenger trains) and aeroplanes pull-out objects also facilitate an optimum utilization of the available space.

Material

Slide elements: Cold-rolled steel, in part stainless steel 1.4301.
Ball retainers: Pre-plated cold-rolled steel, in part stainless steel or plastic.
Balls: Bearing steel, hardened, in part stainless steel.

Lubrication and Temperature Range

Maintenance free: Lubricated for life with low-temperature grease, -20°C to +120°C.
 No relubrication required.
 Temperature range: -17°C to +70°C.

Surface Protection

Zinc plated, bright, some parts passivated black or painted white. Type DH3832 with special zinc coating for extra strong corrosion protection (stainless steel parts have their natural colour).

Selection and Dimensioning

For easy selection we recommend using the selection table on page 771 considering the following criteria:

- 3/4 or full extension.
- Load rating.
- Additional features.
- Surface finish / material.
- Outer dimensions.

An optimum sliding action is achieved under load. The slides should therefore never be heavily over-dimensioned.

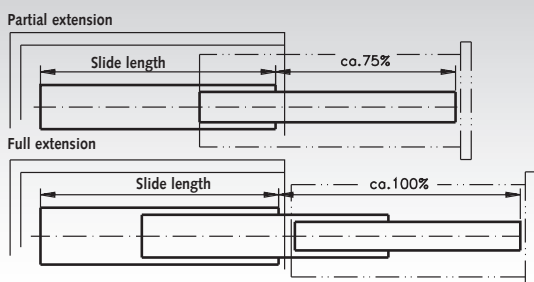
Travel

Difference regarding 3/4 extension and full extension:

3/4 Extension: Two-part slides allow a travel of about 75% of the slide length.

Full extension: Three-part slides allow a travel of about 100% of the slide length. Some of these types offer an even larger travel (over extension). Type 2026 offers 3/4 extension in both directions.

All other types can only be pulled out in one direction.



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Additional Features

Depending on the slide type, all slides are equipped for different special requirements:

- **Fast disconnection:** Allows easy disconnection of the drawer.
- **Hold-in:** Holds the drawer in closed position.
- **Hold-out:** Holds the drawer in open position.
- **Locking:** Locks the drawer in closed and/or open position. A lever must be actuated to move the slide.
- **Self close:** A spring mechanism retracts the pulled-out slide.
- **Bracket mount:** For an optimum side or bottom/platform mounting. With Type DZ 2109 the brackets included.

For Types DZ 2132, 3832, 3832SC/DO, 7957, 9301 and 9308 brackets can be ordered separately.

Optional brackets to mount slides inside electrical cabinets can be supplied on request. Some slide types also offer the possibility to adjust the drawer fronts with special adjusting cams.

Load Bearing Capacity

The stated load ratings relate to the maximum permissible load for a pair of vertically mounted slides (side mounted slides). For horizontally (flat) mounted slides the load bearing capacity is reduced to only 25% of the stated load rating. The load ratings refer to a load applied to the midpoint of the slide, at a travel of 450 mm. The stated load ratings are dynamic values. For static set ups the value can at max be doubled.

Mounting






Optimum movement is achieved under slight tensile force. The mounting width should therefore exceed the slide width by 0.2 to 0.5 mm. After mounting, the slides should be checked for easy movement, and if necessary be adjusted. If no easy sliding movement can be achieved, the mounting set up should be checked regarding width, alignment and angularity.



Mounting Width X
 = Slide Width +0,2 / +0,5 mm

Slides Selection Table

The slides in the table are sorted as follows: 1. According to the extension type: Partial or full extension / over extension.
2. Within the extension type: according to load rating, from low to high.

Slide Type	Page	Travel	Load kg	Width x Height mm	Fast Disconnect	Hold In	Hold Out	Locking 1)	Self Closure	Optional Mounting Brackets	Surface Finish or Material
DZ 2109	773	Partial	35	12,7 x 34,8	●	●	●			●	zinc plated
DZ 2002	774	Partial 2)	35	9,5 x 35,1		●					zinc plated
DZ 0201	775	Partial	50	9,5 x 35,3							zinc plated
DZ 2026	776	Partial 2)	50	9,5 x 35,3			●				zinc plated
DB/DZ 2132	777	Partial	50	12,7 x 35	●	●				●	either bright or black zinc plated
DZ 0204	778	Partial	65	9,5 x 35,3	●			A			zinc plated
DS 2028	779	Partial	65	9,5 x 35,3		●					Stainless Steel 
DA 4120	780	Partial	550	36 x 80							Aluminium
DZ 2601	781	Full	45	12,7 x 26,3		●					zinc plated
DZ 2642	782	Full	45	12,7 x 26,3		●					zinc plated
DZ 3732	783	Full	40	12,7 x 37	●	●				●	zinc plated
DZ 3832	784	Full	50	12,7 x 45,7	●	●				●	zinc plated
DH 3832	785	Full	50	12,7 x 45,7	●	●					zinc plated
DZ 3832TR	786	Full	45	12,7 x 45,7	●	Touch Release 3)					zinc plated
DZ 3832SC	787	Full	50	12,7 x 45,7	●	●			●	●	zinc plated
DZ 3832DO	788	Full	50	12,7 x 45,7	●	●	●			●	zinc plated
DA 5321	789	Over	50	19,1 x 53,1		●					Aluminium
DZ 2907	790	Over	55	9,6 x 41	●			A			zinc plated
DS 0330	791	Full	80	19,1 x 35		●					Stainless Steel 
DZ 3301	792	Over	68	12,7 x 50,8		●					zinc plated
DZ 3307	793	Over	68	12,7 x 50,8	●			A			zinc plated
DZ 3308	794	Over	68	12,7 x 50,8	●			E/A			zinc plated
DZ 0305	795	Over	70	19,1 x 35,5	●			A			zinc plated
DZ 0301	796	Over	70	19,1 x 35,3							zinc plated
DS 3031	797	Over	80	19,1 x 35,3							Stainless Steel 
DZ 5417	798	Over	100	17,5 x 54,0		●					zinc plated
DS 5322	799	Over	120	20,7 x 53,1		●					Stainless Steel 
DZ 3607	800	Over	120	19,1 x 53,1	●			A			zinc plated
DZ 7957	801	Full	160	19,1 x 70,8	●					●	zinc plated
DZ 5321SC	802	Over	120	19,1 x 53,1		●			●		zinc plated
DZ 5321	803	Over	170	19,1 x 53,1		●					zinc plated
DS 5321	803	Over	170	19,1 x 53,1		●					Stainless Steel 
DZ 0522	807	Over	180	26,5 x 95,5							zinc plated
DZ 9301	804	Full	227	19,1 x 76,2						●	zinc plated
DZ 9308	805	Over	227	19,1 x 76,2				E/A		●	zinc plated
DA 4160	806	Full	300	26,5 x 80,0							Aluminium

1) A = Locks in open position. E = Locks in closed position.

2) Partial Extension in both directions.

3) Opens by pressing on the drawer (grip or knob not required).

Other Accuride® Products on request.



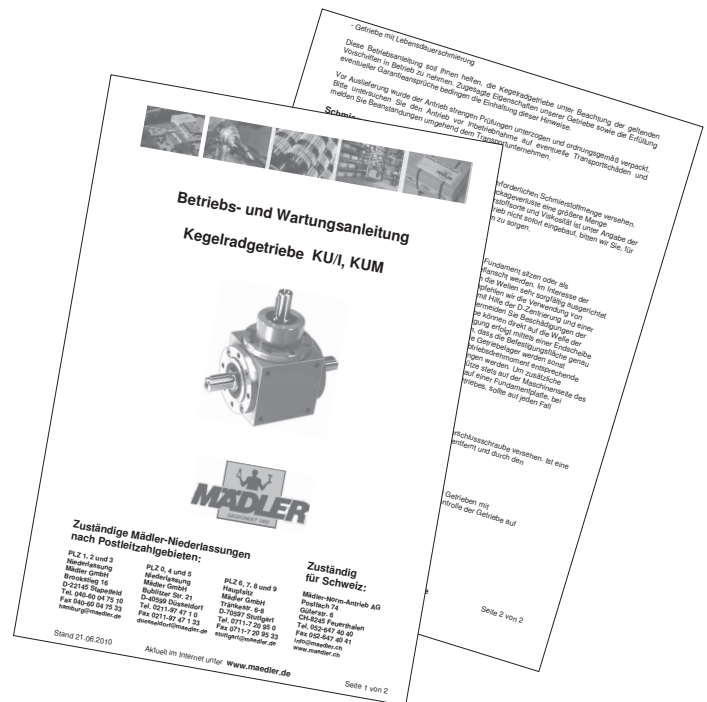
Linear guides on page 810

Operating and maintenance instructions

on the internet at www.maedler.de

in the Section Downloads

On our website you can find operating and maintenance instructions in various languages for all our technically-sophisticated products. We are continuously extending this list of instructions.



Instructions available:

- Bevel Gearboxes DZA, DZR
- Bevel Gearboxes KU/I
- Continuously Variable Geared Motors MUN/I
- Couplings DX
- Couplings RN / RNI / RNG
- Couplings BW / BOS / BOZ
- Electronic Drip Oilers ELO
- Frequency Converters FU6
- Frequency Converters RoFre 897
- Helical Gear Boxes BT/I
- Helical Geared Motor HR/I
- Helical Geared Motor NR/I
- Linear Drives (Actuator Systems) GR/I
- Motor Controllers SFRG 05
- Motor Controllers SFRG 3
- Precision Worm Gear Sets
- Safety Clutches CM
- Safety Clutches SI
- Shaft Mounted Gearboxes BOC/I
- Sliding Hubs FA
- Sliding Hubs FS
- Sliding Hubs ROBA®
- Sliding Hubs with Coupling RNR
- Slip Clutches KF
- Slip Clutches R2, R6
- SPANNBOX®, SPANNBOY®
- Standard Three-Phase-Motors SM/I
- Taper Bushes
- Telescopic Slides Accuride
- Worm Geared Motors HMD I / HMD II
- Worm-Geared Motors MEG / MEK / MH / MZ
- Worm-Geared Motors R / RH / RL / RM / RS
- Worm-Geared Motors SRM / SRS
- Worm-Geared Motors SZM, ZMD
- Worm Gear Screw Jacks NP/I
- Worm Gear Units G/II
- Worm Gear Units ZM

Language

German	English	French
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Slides DZ 2109, Width 12.7* mm, with Bracket Mounts, to 35 kg, 3/4 Extension

Material:

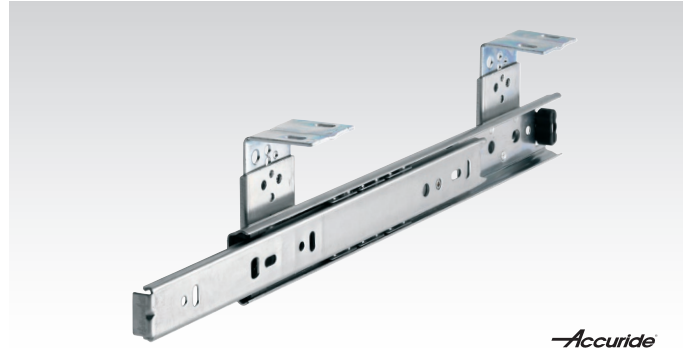
Slide elements: Cold-rolled steel, bright zinc plated.

Ball retainers: Cold-rolled steel, zinc-plated.

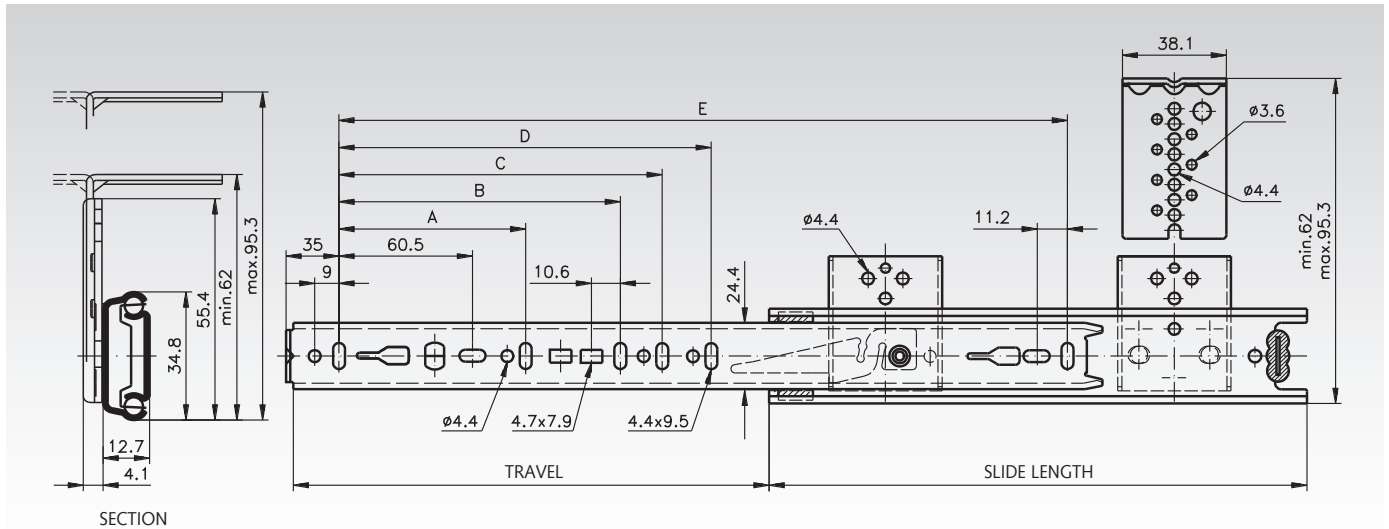
Balls: Hardened steel.

Telescopic ball bearing slides, especially suited for keyboard trays.

- Fast disconnection.
- Hold-in in closed position and hold-out in open position.
- Height-adjustable bracket mount included.
- Optional clip-on bracket (page 808).
- Especially long service life, up to 50,000 cycles!



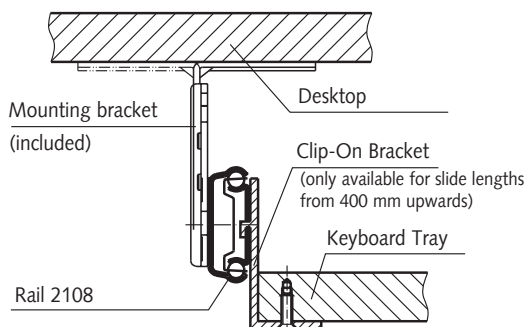
Ordering details: e.g.: Prod. No. 649 062 30, Slides DZ 2109, with Bracket Mounts



Product No. per Pair	Slide Length mm	Travel +/-3,2 mm	A mm	B mm	C mm	D mm	E mm	F mm	Load Rating per pair kg	Weight per Pair kg
649 062 30	300	205	96	-	-	-	242	215,9	35	0,87
649 062 35	350	260	128	-	-	-	292	215,9	35	0,99
649 062 40	400	281	128	-	-	-	342	215,9	30	1,07
649 062 45	450	331	128	224	-	-	392	215,9	30	1,14
649 062 50	500	376	128	224	-	-	442	292,1	25	1,23
649 062 55	550	415	128	224	320	-	492	292,1	25	1,33

* Width with bracket mount 16.7 mm.

Mounting Example: Sliding Keyboard Tray



Note

Recommended mount: M4 screw (included in delivery).
Use all mounting positions to achieve the max. load rating.

Clip-on brackets see page 808.

Selection Tool
on the Internet at www.maedler.de
in the section **MÄDLER®-Tools**

Slides DZ 2002, width 9.5 mm, up to 35 kg, extension in both directions

Material:

Slide elements: Cold-rolled, bright zinc-plated steel.
Ball retainers: Cold rolled, zinc-plated steel.
Balls: Hardened steel.

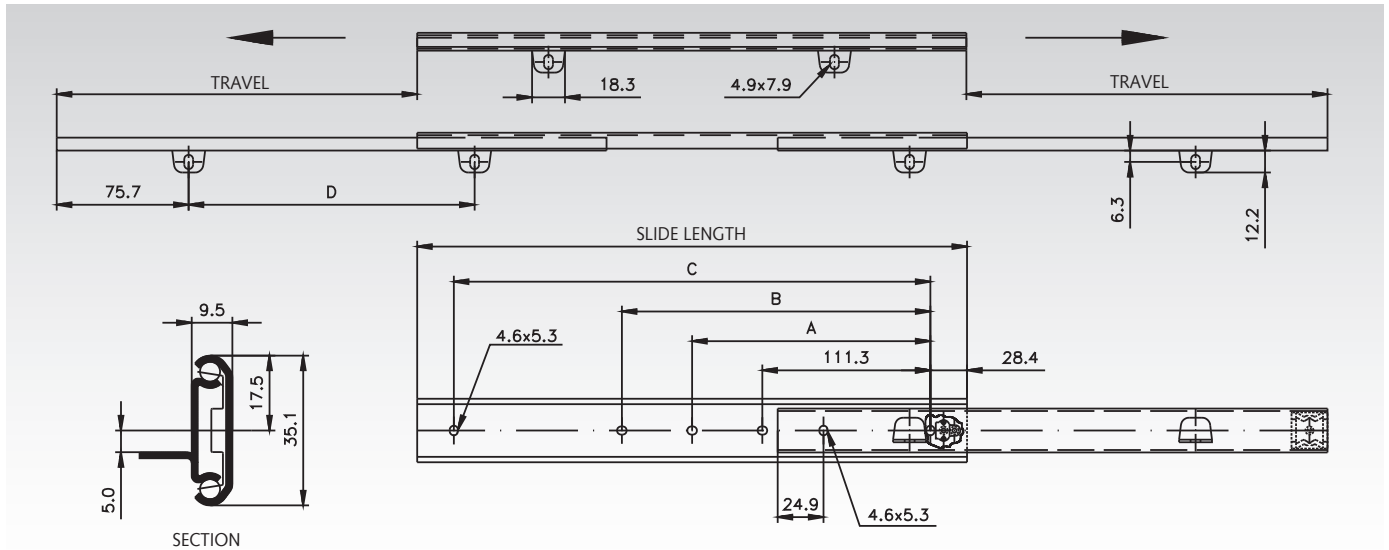
Telescopic precision ball bearing slides for applications in the industrial and electronics sector.

- Hold-in in the centre position.
- Forward and return slide. For applications, that require access from both sides of a sliding unit.
- Fasteners included.
- High service life 50,000 cycles.

Ordering Details: e.g.: Product No. 649 003 30, Slides DZ 2002



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Product No. per pair	Slide length mm	Travel +/-3.2 mm	A mm	B mm	C mm	D mm	Load Rating Pair kg	Weight Pair kg
649 003 30	305	222	-	136,7	247,7	153,4	35	0,59
649 003 35	356	272	-	187,5	298,5	204,2	35	0,69
649 003 40	406	298	-	238,3	349,3	255,0	35	0,78
649 003 45	457	323	200,2	289,1	400,1	305,8	35	0,89
649 003 50	508	374	225,6	339,9	450,9	356,6	32	1,00
649 003 55	558	399	251,0	390,7	501,7	407,4	31	1,08
649 003 60	610	425	276,4	441,5	552,5	458,2	29	1,19
649 003 65	660	476	301,8	492,3	603,3	509,0	27	1,28
649 003 70	711	501	327,2	543,1	654,1	559,8	24	1,38

Note

Recommended fastening: M4 screw.
Use all mounting positions to achieve the max. load rating.

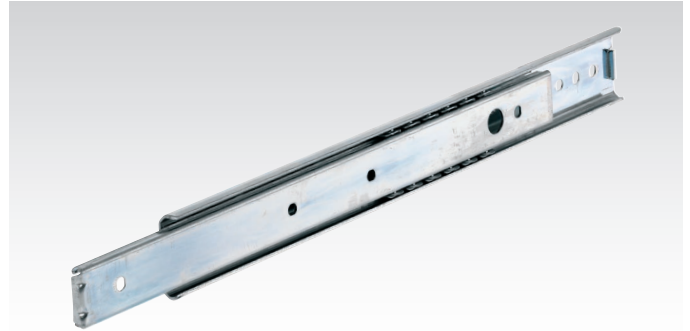
Slides DZ 0201, Width 9.5 mm, to 50 kg, 3/4 Extension

Material:

Slide elements: Cold-rolled steel, bright zinc plated.
 Ball retainers: Cold-rolled steel, zinc-plated.
 Balls: Hardened steel.

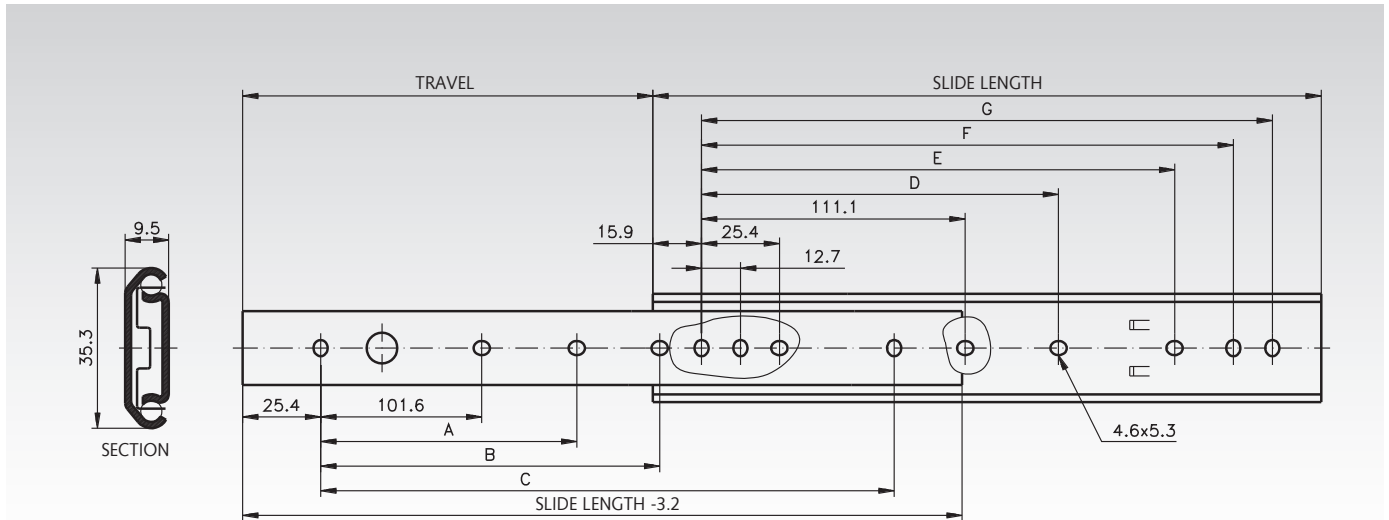
Telescopic ball bearing slides for applications in the industrial and electronics sector.

- Can be mounted on both sides.
- Bracket mount for electrical cabinets on request.
- Service life 10,000 cycles.



Accuride

Ordering details: e.g.: Prod. No. 649 000 12, Slides DZ 0201



Product No. per Pair	Slide Length mm	Travel +/-3.2 mm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	Load Rating per Pair kg	Weight per Pair kg
649 000 12	305	227	-	152,4	254,0	-	149,2	260,3	273,0	50	0,64
649 000 14	356	277	-	203,2	304,8	-	200,0	311,2	323,9	50	0,73
649 000 16	406	302	-	254,0	355,6	-	250,8	361,9	374,6	45	0,83
649 000 18	457	328	203,2	304,8	406,4	212,7	301,6	412,7	425,4	45	0,94
649 000 20	508	379	228,6	355,6	457,2	238,1	352,4	463,5	476,2	40	0,97
649 000 22	559	405	254,0	406,4	508,0	263,5	403,2	514,3	527,0	40	1,07
649 000 24	610	429	279,4	457,2	558,8	288,9	454,0	565,1	577,8	35	1,17
649 000 26	660	481	304,8	508,0	609,6	314,3	504,8	615,9	628,6	30	1,26
649 000 28	711	506	330,2	558,8	660,4	339,7	555,6	666,7	679,4	30	1,45

Note

Recommended mounts: M4 screw.
 Use all mounting positions to achieve the max. load rating.

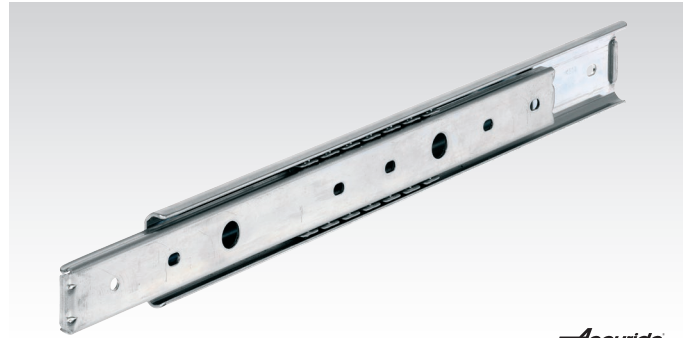
Slides DZ 2026, Width 9.5 mm, to 50 kg, Two-Way Travel

Material:

Slide elements: Cold-rolled steel, bright zinc plated.
Ball retainers: Cold-rolled steel, zinc-plated.
Balls: Hardened steel.

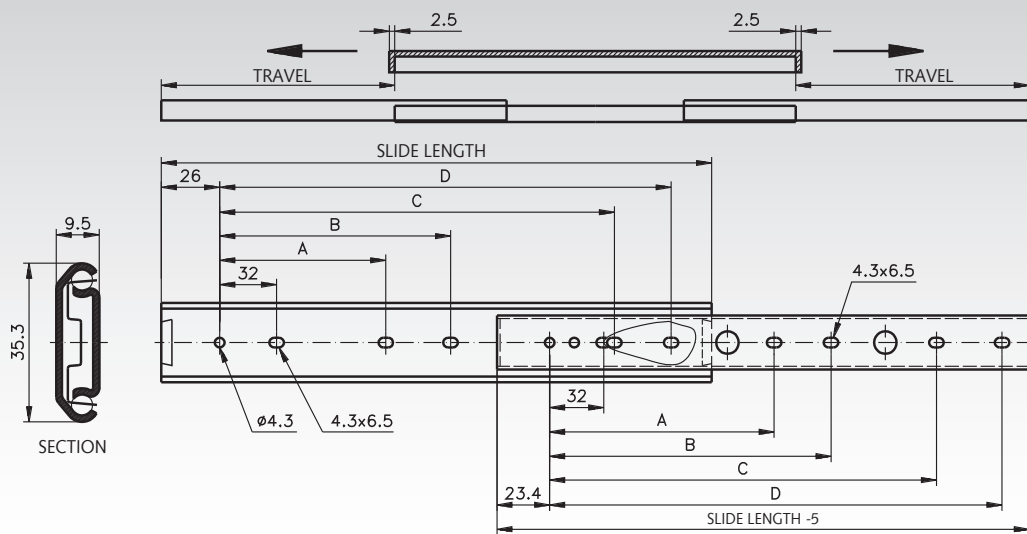
Telescopic ball bearing slides for applications in the industrial and electronics sector.

- Hold-out on both sides.
- Pulls out to front and back. For applications requiring access from both sides of the drawer.
- Service life 10,000 cycles.



Accuride

Ordering details: e.g.: Prod. No. 649 004 30, Slides DZ 2026



Product No. per Pair	Slide Length mm	Travel +/-3.2 mm	A mm	B mm	C mm	D mm	Load Rating per Pair kg	Weight per Pair kg
649 004 30	300	209	128	160	224	256	50	0,56
649 004 35	350	246	160	192	256	288	50	0,65
649 004 40	400	283	192	224	320	352	45	0,74
649 004 45	450	321	224	256	352	384	40	0,84
649 004 50	500	358	256	288	416	448	40	0,94
649 004 55	550	395	256	288	480	512	35	1,03
649 004 60	600	433	288	320	512	544	35	1,13
649 004 65	650	470	288	320	576	608	30	1,21
649 004 70	700	507	320	352	608	640	30	1,32

Note

Recommended mounts: M4 screw.
Use all mounting positions to achieve the max. load rating.

Selection Tool

on the Internet at www.maedler.de

in the section **MÄDLER®-Tools**

Slides DZ / DB 2132, Width 12.7 mm, to 50 kg, 3/4 Extension

Material:

Slide elements: Cold-rolled steel, zinc plated.
Ball retainers: Cold-rolled steel, zinc-plated.
Balls: Hardened steel.

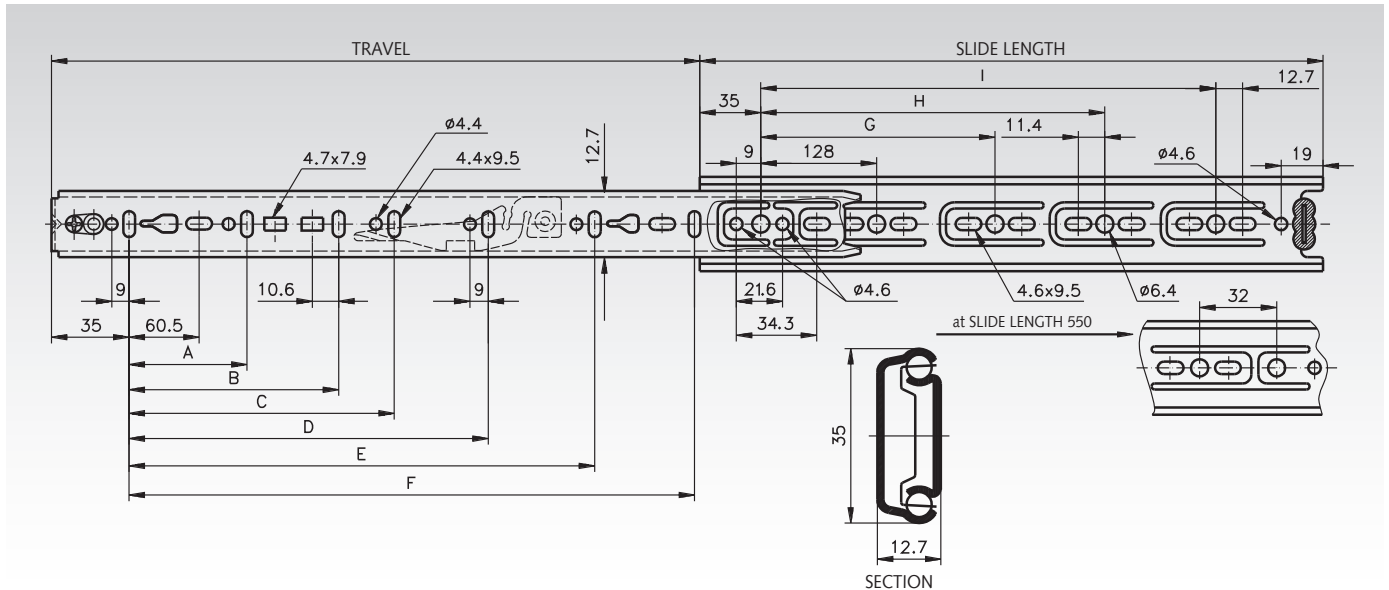
Telescopic ball bearing slides for applications in the industrial and electronics sector.

- Fast disconnection.
- Hold-in in closed position.
- Optional clip-on bracket (page 808).
- Version zinc plated, either bright or black.
- Cam drawer adjust (3.1 mm).
- Service life 10,000 / 80,000 cycles.

Ordering details: e.g.: Prod. No. 649 010 25, Slides DZ 2132



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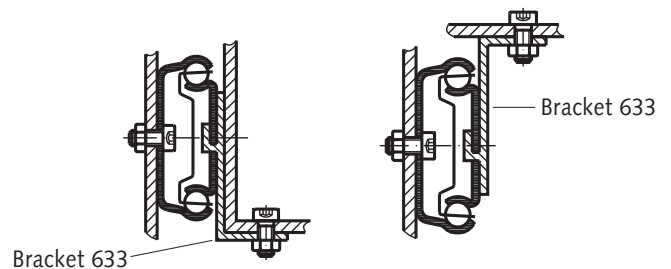
Product No. per Pair DZ - bright	Product No. per Pair DB - black	Slide Length mm	Travel +/-3.2 mm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	Load rating ¹⁾ per Pair kg	Weight per Pair kg
649 010 25	649 110 25	250	163	96	-	-	-	-	192	-	-	-	50 / 35	0,45
649 010 30	649 110 30	300	205	96	-	-	-	-	242	224	-	-	50 / 35	0,52
649 010 35	649 110 35	350	260	128	-	-	-	-	292	224	-	-	50 / 35	0,64
649 010 40	649 110 40	400	281	128	-	-	-	-	342	224	-	320	50 / 35	0,71
649 010 45	649 110 45	450	331	128	224	-	-	-	392	224	-	352	48 / 35	0,78
649 010 50	649 110 50	500	376	128	224	-	-	-	442	224	-	416	45 / 34	0,80
649 010 55	649 110 55	550	415	128	224	320	-	-	492	224	352	-	42 / 32	0,98
649 010 60	649 110 60	600	451	128	224	320	-	-	542	224	352	480	40 / 32	1,05
649 010 65	649 110 65	650	488	128	224	320	416	544	592	224	352	544	37 / 31	1,17
649 010 70	649 110 70	700	526	128	224	288	416	-	642	224	352	544	35 / 30	1,26

¹⁾ At 10,000 / 80,000 cycles.

Note

Recommended mounts: M4 screw.
Use all mounting positions to achieve the max. load rating.

Optional Clip-On Brackets see page 808.



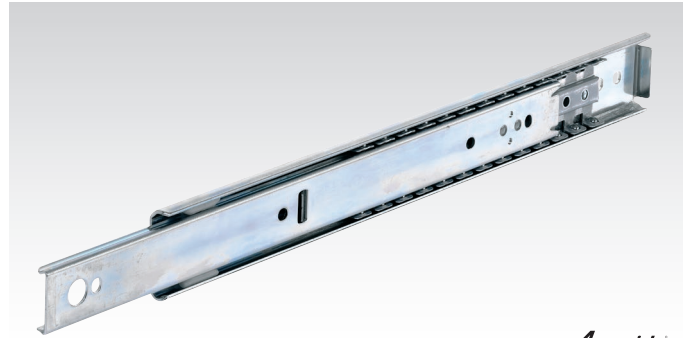
Slides DZ 0204, Width 9.5 mm, to 65 kg, 3/4 Extension

Material:

Slide elements: Cold-rolled steel, bright zinc plated.
Ball retainers: Cold-rolled steel, zinc-plated.
Balls: Hardened steel.

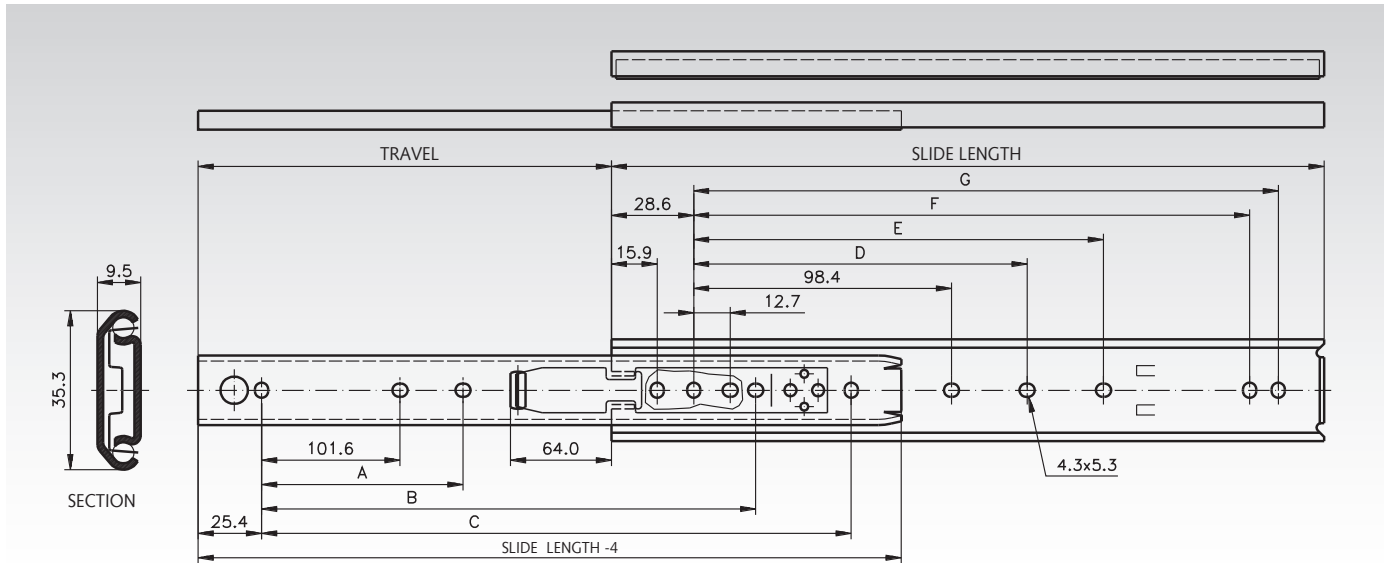
Telescopic ball bearing slides for applications in the industrial and electronics sector.

- Can be mounted on both sides.
- Bracket mount for electrical cabinets on request.
- Fast disconnection.
- Lock-out function.
- Service life 10,000 cycles.



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Ordering details: e.g.: Prod. No. 649 002 12, Slides DZ 0204



Product No. per Pair	Slide Length mm	Travel +/-3.2 mm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	Load Rating per Pair kg	Weight per Pair kg
649 002 12	305	202	-	215,9	254,0	-	136,5	247,6	260,3	65	0,63
649 002 14	356	253	-	266,7	304,8	-	187,3	298,4	311,1	65	0,73
649 002 16	406	303	-	317,5	355,6	-	238,1	349,2	361,9	60	0,84
649 002 18	457	329	203,2	342,9	406,4	200,0	288,9	400,0	412,7	55	0,93
649 002 20	508	380	228,6	393,7	457,2	225,4	339,7	450,8	463,5	50	1,04
649 002 22	559	405	254,0	419,1	508,0	250,8	390,5	501,6	514,3	40	1,14
649 002 24	610	431	279,4	444,5	558,8	276,2	441,3	552,4	565,1	35	1,26
649 002 26	660	482	304,8	495,3	609,6	301,6	492,1	603,2	615,9	30	1,35
649 002 28	711	507	330,2	520,7	660,4	327,0	542,9	654,0	666,7	30	1,48

Note

Recommended mounts: M4 screw.
Use all mounting positions to achieve the max. load rating.

Slides DS 2028, Width 9.5 mm, to 65 kg, Stainless Steel, 3/4 Extension

Material: Stainless steel 1.4301.



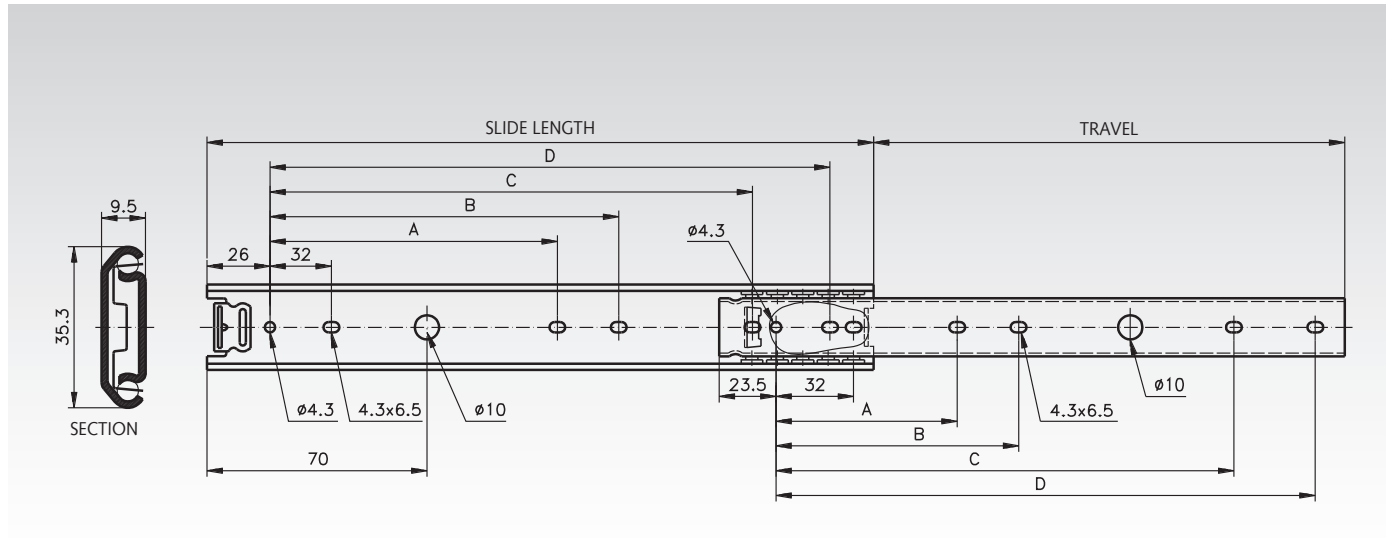
Telescopic ball bearing slides for applications in the industrial and electronics sector.

- Hold-in in closed position.
- Ideal for environments where mild steel might corrode.
- Service life 10,000 / 80,000 cycles.



Accuride

Ordering details: e.g.: Prod. No. 649 444 30, Slides DS 2028



Product No. per Pair	Slide Length mm	Travel +/-3.2 mm	A mm	B mm	C mm	D mm	Load Rating ¹⁾ per Pair kg	Weight per Pair kg
649 444 30	300	209	96	128	224	256	65 / 60	0,54
649 444 35	350	245	96	128	256	288	63 / 57	0,64
649 444 40	400	282	160	192	320	352	59 / 54	0,74
649 444 45	450	320	160	192	384	416	57 / 50	0,83
649 444 50	500	357	192	224	416	448	53 / 47	0,92
649 444 55	550	394	192	224	480	512	50 / 45	1,02
649 444 60	600	432	224	256	512	544	46 / 43	1,12
649 444 65	650	469	224	256	576	608	43 / 41	1,21
649 444 70	700	506	256	288	608	640	42 / 40	1,30

¹⁾ At 10,000 / 80,000 cycles.

Note

Recommended mounts: M4 screw.
Use all mounting positions to achieve the max. load rating.

Slides DA 4120, width 36 mm, up to 555 kg, partial extension

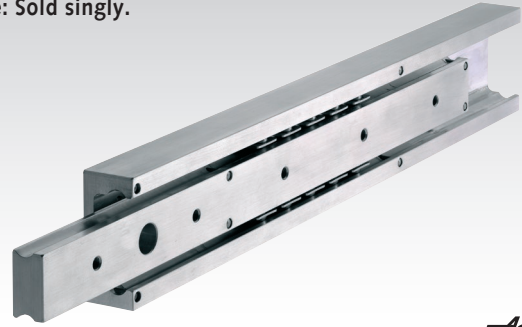
Material:

Slide elements: Aluminium, corrosion resistant.
Ball retainers and Balls: Stainless Steel.

Heavy Duty Telescopic ball bearing slides for applications in the industrial and electronics sector.

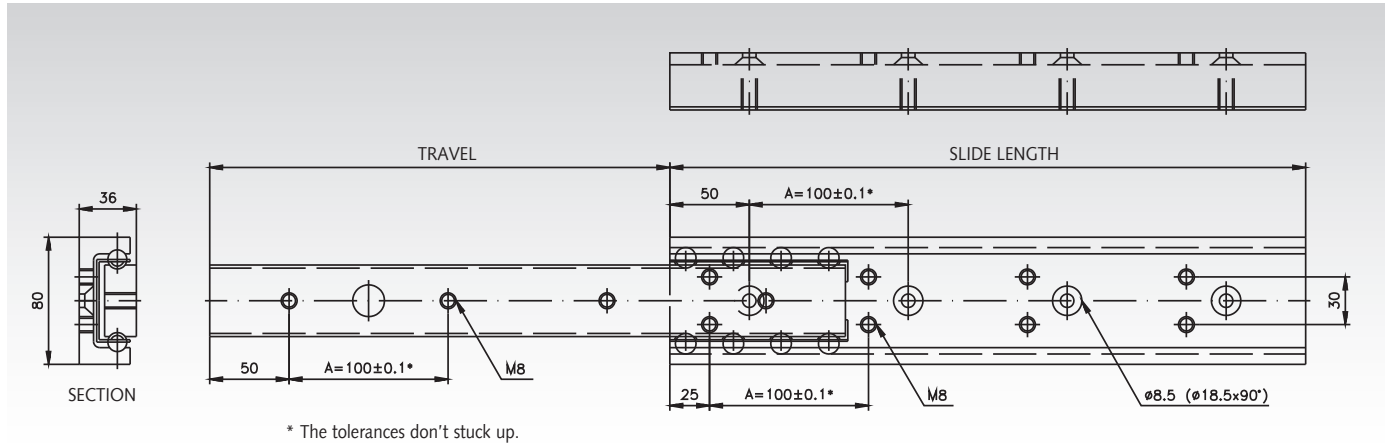
- Single slides available (universal).
- Very high load capacity up to 438 kg.
- Good corrosion resistance.
- Service life 5,000 / 10,000 cycles.

Note: Sold singly.



Accuride

Ordering Details: e.g.: 2 Pieces Prod.-No. 649 070 40, Slide DA 4120



Product No. per piece	Slide length mm	Travel +/-3.2 mm	A mm	Load Rating ¹⁾ per pair kg	Load Rating ²⁾ per pair kg	Load Rating ³⁾ per pair kg	Weight piece kg
649 070 40	400	290	100 (3x)	460	370	185	2,35
649 070 50	500	360	100 (4x)	480	390	195	2,93
649 070 60	600	430	100 (5x)	490	400	200	3,53
649 070 70	700	501	100 (6x)	500	410	205	4,11
649 070 80	800	572	100 (7x)	510	420	210	4,68
649 070 90	900	642	100 (8x)	520	425	212	5,30
649 071 00	1000	713	100 (9x)	530	430	215	5,83
649 071 10	1100	783	100 (10x)	540	434	217	6,40
649 071 20	1200	853	100 (11x)	550	438	219	6,95

¹⁾ At 5,000 cycles.

²⁾ At 10,000 cycles.

³⁾ At 10,000 cycles, horizontal mount.

Note

Recommended fastening: M8 screw.

Use all mounting positions to achieve the max. load rating.

End stops are tested for 10 cycles with 400 kg at 0.8 m/s.

Additional external end stops are recommended.

The load capacity was tested with 10,000 cycles at a slide spacing of 600mm. Larger spacings require more stiffness of the sliding part and adequate parallelism.

Slides DZ 2601, Width 12.7 mm, to 45 kg, Compact Profile, Full extension

Material:

Slide elements: Cold-rolled steel, bright zinc plated.
Ball retainers: Cold-rolled, zinc-plated steel.
Balls: Hardened steel.

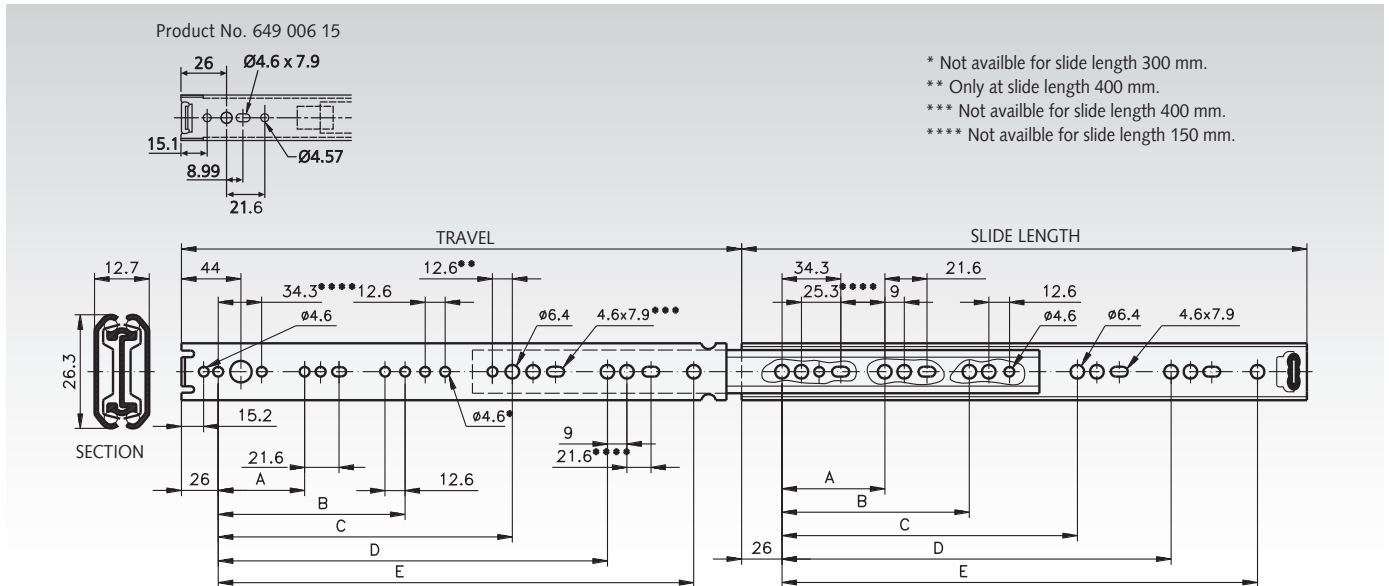
Telescopic ball bearing slides for applications in the industrial and electronics sector.

- Very compact profile.
- Universal hole pattern.
- Noise dampening of all end stops.
- Hold-in in closed position.
- Can be mounted on both sides.
- Service life 80,000 cycles.

Ordering details: e.g.: Prod. No. 649 006 20, Slides DZ 2601



Accuride



Product No. per Pair	Slide Length mm	Travel +/-3.2 mm	A mm	B mm	C mm	D mm	E mm	Load Rating per Pair kg	Weight per Pair kg
649 006 15	150	148	78	-	-	-	-	12	0,32
649 006 20	200	209	128	-	-	-	-	16	0,44
649 006 25	250	259	128	-	-	-	-	25	0,55
649 006 30	300	308	128	224	-	-	-	32	0,67
649 006 35	350	357	128	224	-	-	-	35	0,78
649 006 40	400	406	128	224	320	-	-	45	0,89
649 006 45	450	456	128	224	352	-	-	45	1,01
649 006 50	500	505	128	224	352	416	-	35	1,11
649 006 55	550	554	128	224	352	448	489	30	1,23

Note

Recommended mount: M4/M6 screw.
Use all mounting positions to achieve the max. load rating.
The load capacity was tested with 80,000 cycles at a slide spacing of 450mm.
Horizontal mounting is not recommended.

Selection Tool
on the Internet at www.maedler.de
in the section **MÄDLER®-Tools**

Slides DZ 2642, Width 12.7 mm, to 45 kg, Compact Profile, Full Extension

Material:

Slide elements: Cold-rolled steel, bright zinc plated.
Ball retainers: Cold-rolled steel, zinc-plated.
Balls: Hardened steel.

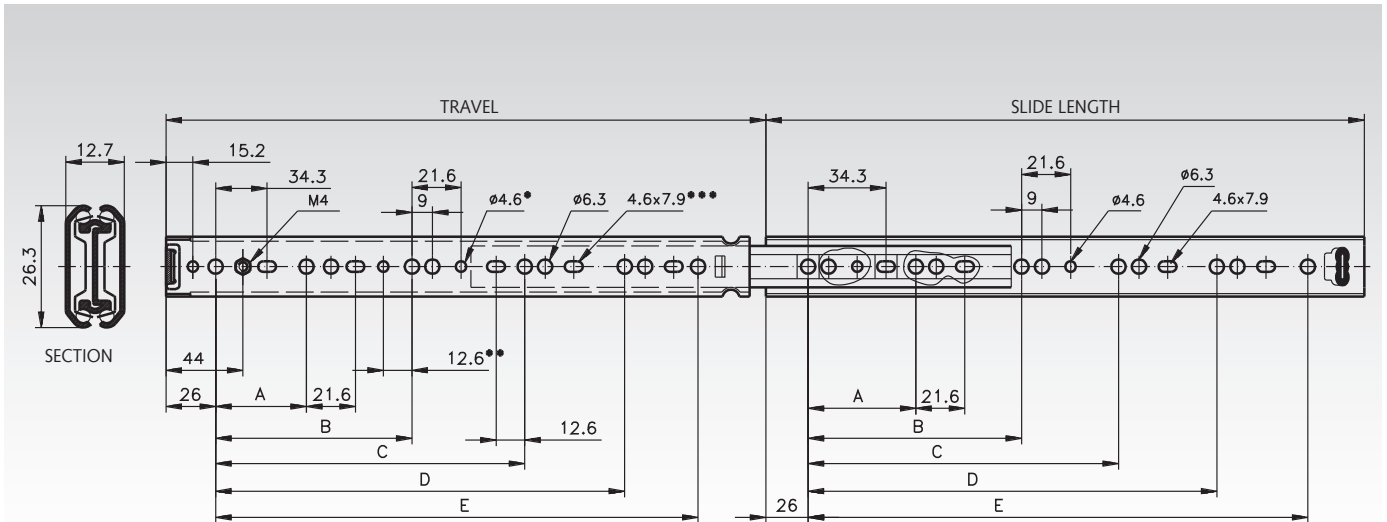
Telescopic ball bearing slides for applications in the industrial and electronics sector.

- Low slide profile.
- Groove or side mounting option.
- Hold-in in closed position.
- Very high service life 80,000 cycles.



Accuride

Ordering details: e.g.: Prod. No. 649 008 20, Slides DZ 2642



- * Not available for slide length 300 mm.
** Only at slide length 400 mm.
*** Not available for slide length 400 mm.

Product No. per Pair	Slide Length mm	Travel +/-3.2 mm	A mm	B mm	C mm	D mm	E mm	Load Rating per Pair kg	Weight per Pair kg
649 008 20	200	209	128	-	-	-	-	16	0,44
649 008 25	250	259	128	-	-	-	-	25	0,55
649 008 30	300	308	128	224	-	-	-	32	0,67
649 008 35	350	357	128	224	-	-	-	35	0,78
649 008 40	400	406	128	224	320	-	-	45	0,89
649 008 45	450	456	128	224	352	-	-	45	1,01
649 008 50	500	505	128	224	352	416	-	35	1,11
649 008 55	550	554	128	224	352	448	489	30	1,23

Note

Recommended mount: M4/M6 screw.
Head-Ø max. 7.8 mm, Head length max. 2 mm.
Use all mounting positions to achieve the max. load rating.
Horizontal mounting is not recommended.

Slides DZ 3732, width 12.7 mm, up to 40 kg, full extension

Material:

Slide elements: Cold rolled steel, bright zinc-plated.
Ball retainers: Plastic / zinc-plated steel.
Balls: Hardened steel.

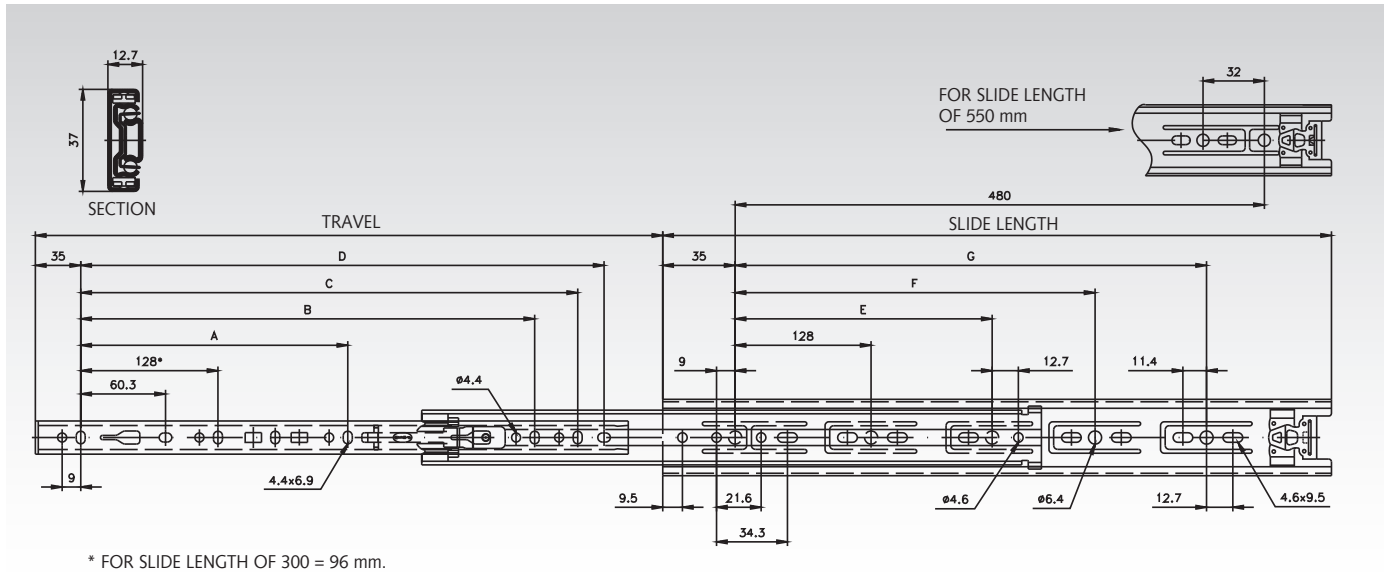
Telescopic precision ball bearing slides for applications in the industrial and electronics sector.

- Fast Disconnect.
- Hold In.
- Optional Clip-On Brackets (page 808).
- Very high service life up to 80,000 cycles.



Accuride

Ordering Details: e.g.: Product No. 649 009 30, Slides DZ 3732

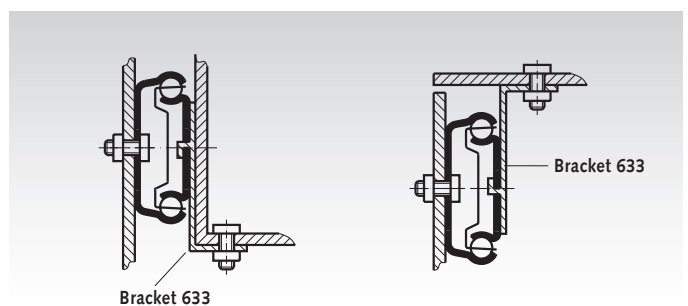


Product No. per pair	Slide length mm	Travel +/-3.2 mm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	Load Rating Pair kg	Weight Pair kg
649 009 30	300	292	-	-	-	230,8	224	-	-	40	0,77
649 009 35	350	356	-	-	-	280,8	224	-	-	40	0,87
649 009 40	400	406	-	-	-	330,8	224	-	320	40	0,99
649 009 45	450	457	-	320	-	380,8	224	-	352	40	1,11
649 009 50	500	508	-	320	-	430,8	224	-	416	40	1,25
649 009 55	550	559	-	320	416	480,8	224	352	-	40	1,37
649 009 60	600	610	224	416	-	530,8	224	352	480	40	1,50
649 009 65	650	660	224	416	544	580,8	224	352	544	40	1,63

Note

Recommended fastening: M4 screw.
Use all mounting positions to achieve the max. load rating.
Horizontal mounting is not recommended.
The load capacity was tested with 80,000 cycles at a slide spacing of 450mm.

Optional Clip-On Brackets see page 808.



Slides DZ 3832, Width 12.7 mm, to 50 kg, Full Extension

Material:

Slide elements: Cold-rolled steel, bright zinc plated.
Ball retainers: Plastic / zinc-plated steel.
Balls: Hardened steel.

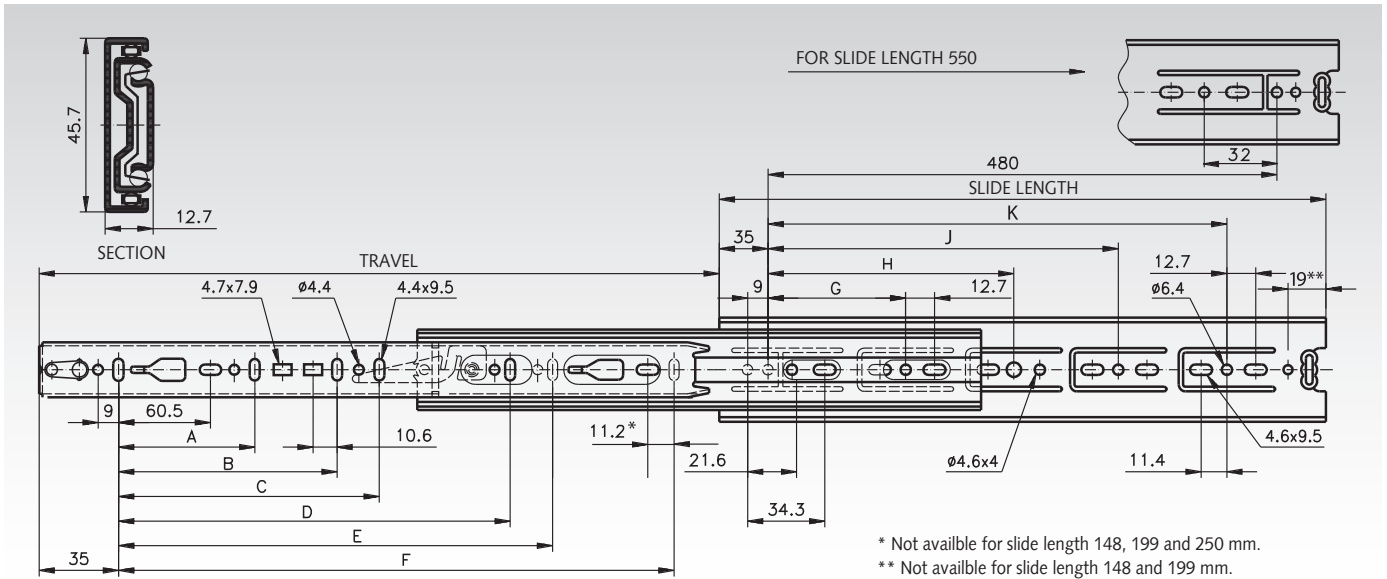
Telescopic ball bearing slides for applications in the industrial and electronics sector.

- Fast disconnection.
- Hold-in in closed position.
- Can be mounted on both sides.
- Cam drawer adjust (3.1 mm).
- Optional clip-on bracket (page 808).
- Service life 10,000 / 80,000 cycles.

Ordering Details: e.g.: Product No. 649 012 15, Slides DZ 3832

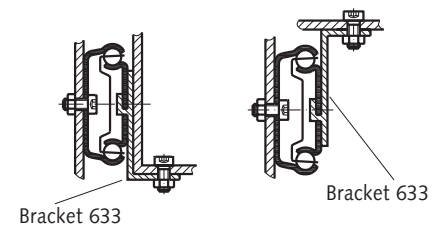


Accuride



Product No. per Pair	Slide Length mm	Travel +/-3.2 mm	Load Rating ¹⁾ per Pair kg	Weight per Pair kg
649 012 15	148	140	45 / 39	0,44
649 012 20	199	203	46 / 40	0,60
649 012 25	250	243	47 / 41	0,76
649 012 30	300	305	48 / 42	0,90
649 012 35	350	356	49 / 43	1,06
649 012 40	400	406	50 / 44	1,22
649 012 45	450	457	50 / 45	1,36
649 012 50	500	508	50 / 45	1,52
649 012 55	550	559	50 / 45	1,68
649 012 60	600	610	50 / 45	1,85
649 012 65	650	660	49 / 44	2,00
649 012 70	700	711	48 / 43	2,15

Optional Clip-On Brackets see page 808.



¹⁾ At 10,000 / 80,000 cycles.

Slide Length mm	Travel +/-3.2 mm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	J mm	K mm
148	140	96	-	-	-	-	-	77,2	-	-	-
199	203	128	-	-	-	-	141	128	-	-	-
250	243	96	-	-	-	-	192	128	-	-	-
300	305	96	-	-	-	-	242	128	224	-	-
350	356	128	-	-	-	-	292	128	224	-	-
400	406	128	-	-	-	-	342	128	224	320	-
450	457	128	-	-	320	-	392	128	224	352	-
500	508	128	-	-	320	-	442	128	224	416	-
550	559	128	-	-	320	416	492	128	224	352	448
600	610	128	224	-	416	-	542	128	224	352	480
650	660	128	224	-	416	544	592	128	224	352	544
700	711	128	224	288	416	544	642	128	224	352	544

Note

Recommended mounts: M4 screw.
Use all mounting positions to achieve the max. load rating.

Horizontal mounting not recommended.
Clip-on brackets see page 744.

Slides DH 3832, Corrosion Proof, Width 12.7 mm, to 50 kg, Full Extension

Material: Slide elements: Cold-rolled steel, special zinc plating.
Ball retainers: Plastic / stainless steel. Balls: Stainless steel.

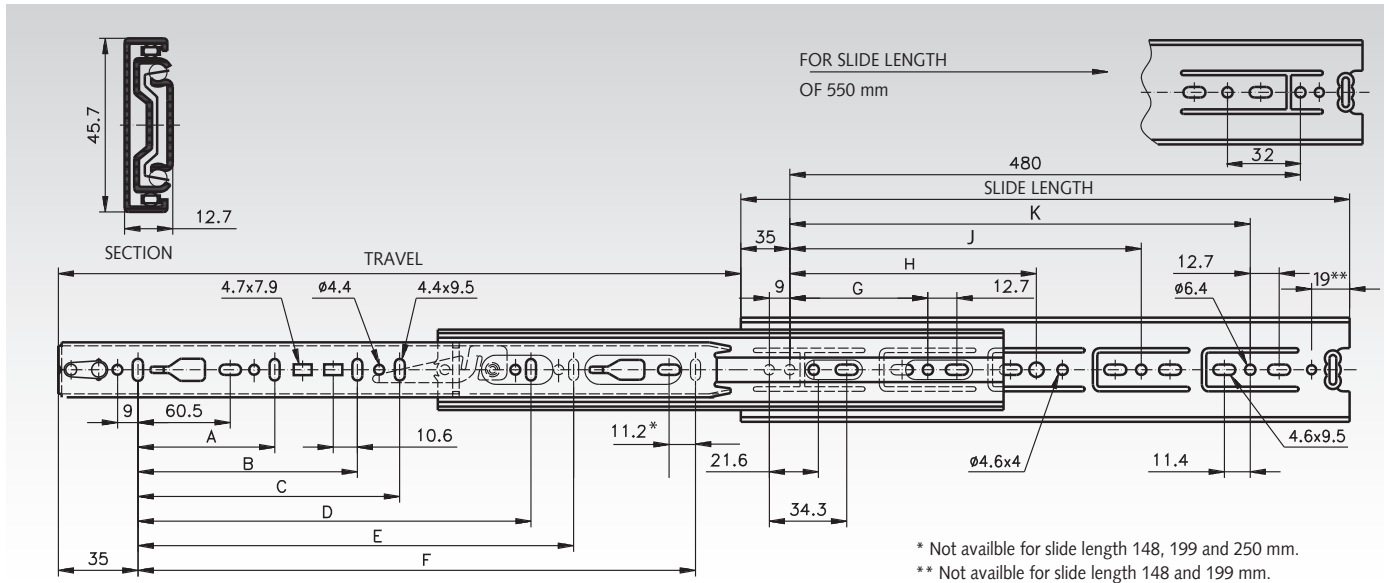
Telescopic ball bearing slides for applications in the industrial and electronics sector.

- Corrosion proof for rough environments.
- 8 times better protection than with zinc-plated surface finish.
- Ball retainers, balls and rivets made from stainless steel.
- Hold-in in closed position.
- Fast disconnection.
- Cam drawer adjust (3.1 mm).
- Service life 10,000 / 80,000 cycles.

Ordering details: e.g.: Prod. No. 649 312 25, Slides DH 3832



Accuride



Product No. per Pair	Slide Length mm	Travel +/-3.2 mm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	J mm	K mm	Load Rating ¹⁾ per Pair kg	Weight per Pair kg
649 312 15	148	140	96	-	-	-	-	-	77,2	-	-	-	45 / 39	0,43
649 312 20	199	203	128	-	-	-	-	141	128	-	-	-	46 / 40	0,61
649 312 25	250	243	96	-	-	-	-	192	128	-	-	-	47 / 41	0,76
649 312 30	300	305	96	-	-	-	-	242	128	224	-	-	48 / 42	0,90
649 312 35	350	356	128	-	-	-	-	292	128	224	-	-	49 / 43	1,06
649 312 40	400	406	128	-	-	-	-	342	128	224	320	-	50 / 44	1,21
649 312 45	450	457	128	-	-	320	-	392	128	224	352	-	50 / 45	1,36
649 312 50	500	508	128	-	-	320	-	442	128	224	416	-	50 / 45	1,51
649 312 55	550	559	128	-	-	320	416	492	128	224	352	448	50 / 45	1,67
649 312 60	600	610	128	224	-	416	-	542	128	224	352	480	50 / 45	1,85
649 312 65	650	660	128	224	-	416	544	592	128	224	352	544	49 / 44	1,98
649 312 70	700	711	128	224	288	416	544	642	128	224	352	544	48 / 43	2,15

¹⁾ At 10,000 / 80,000 cycles.

Note

Recommended mounts: M4 screw.
Use all mounting positions to achieve the max. load rating.
Horizontal mounting not recommended.

Selection Tool
on the Internet at www.maedler.de
in the section **MÄDLER®-Tools**

Slides DZ 3832 TR, width 12.7 mm, up to 45 kg, full extension, Touch Release

Material:

Slide elements: Cold rolled steel, bright zinc-plated.

Ball retainers: Plastic / zinc-plated steel.

Balls: Hardened steel.

Telescopic precision ball bearing slides for applications in the industrial and electronics sector.

- Operation by pressing on the drawer. (Grip or knob not required).
- Fast Disconnect.
- Hold-in in the closed position.
- Setting cams for drawer (3.1 mm).
- Very high service life up to 80,000 cycles.

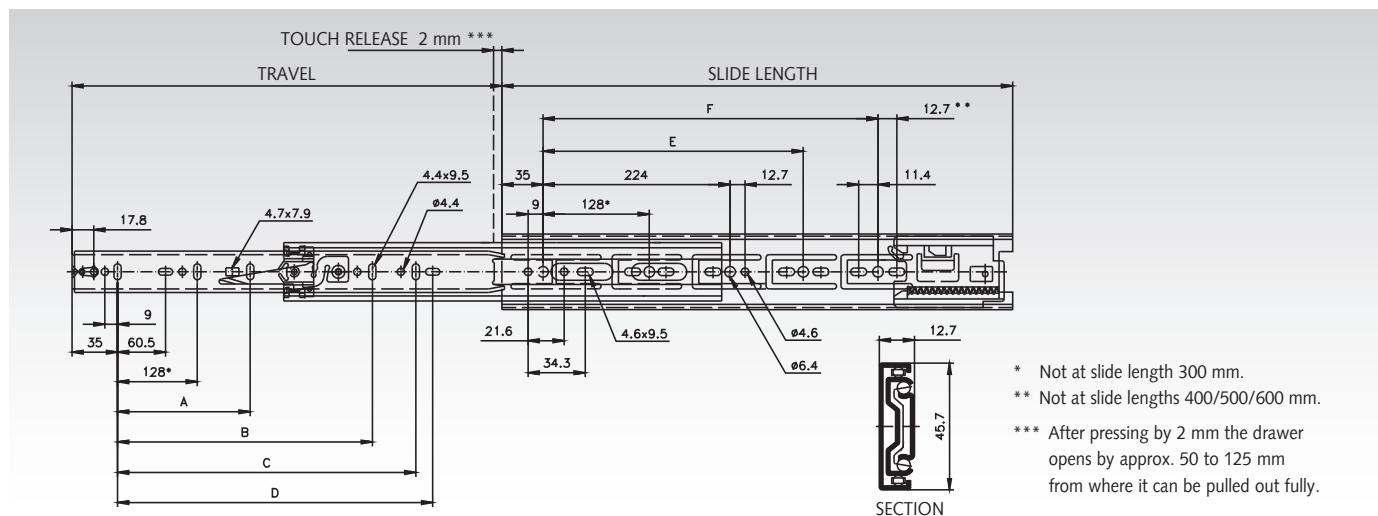
Required compressive force approx. 50 N.



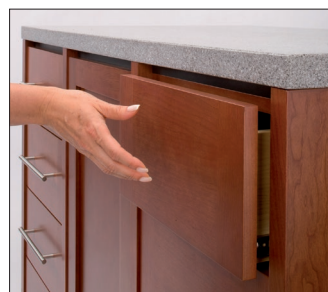
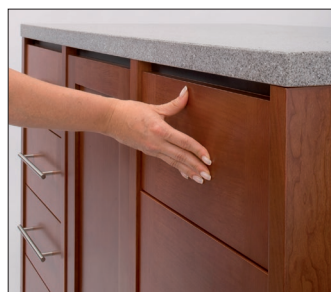
Accuride

**Touch Release - Opens by pressing,
for drawers completely without grip or knob.**

Ordering Details: e.g.: Product No. 649 013 30, Slides DZ 3832 TR



Product No. per pair	Slide length mm	Travel +/-3,2 mm	A mm	B mm	C mm	D mm	E mm	F mm	Load Rating per Pair kg	Weight per Pair kg
649 013 30	300	305	-	-	-	192	-	-	42	0,83
649 013 35	350	356	-	-	-	242	-	-	43	0,98
649 013 40	400	406	-	-	-	292	288	-	44	1,13
649 013 45	450	457	-	320	-	342	320	-	45	1,31
649 013 50	500	508	-	320	-	392	384	-	45	1,47
649 013 55	550	559	224	416	-	442	416	-	45	1,62
649 013 60	600	610	224	416	-	492	352	480	45	1,75
649 013 65	650	660	224	416	512	542	352	512	44	1,89
649 013 70	700	711	224	416	512	592	352	544	43	2,06



Note

Recommended fastening: M4 screw. Use all mounting positions.

The drawer may not be wider than the slide length. Horizontal mounting is not possible.

Slides DZ 3832 SC, Width 12.7 mm, to 50 kg, Full Extension, Self Close

Material:

Slide elements: Cold-rolled steel, bright zinc plated.
Ball retainers: Plastic / zinc-plated steel. Balls: Hardened steel.

Telescopic ball bearing slides for applications in the industrial and electronics sector.

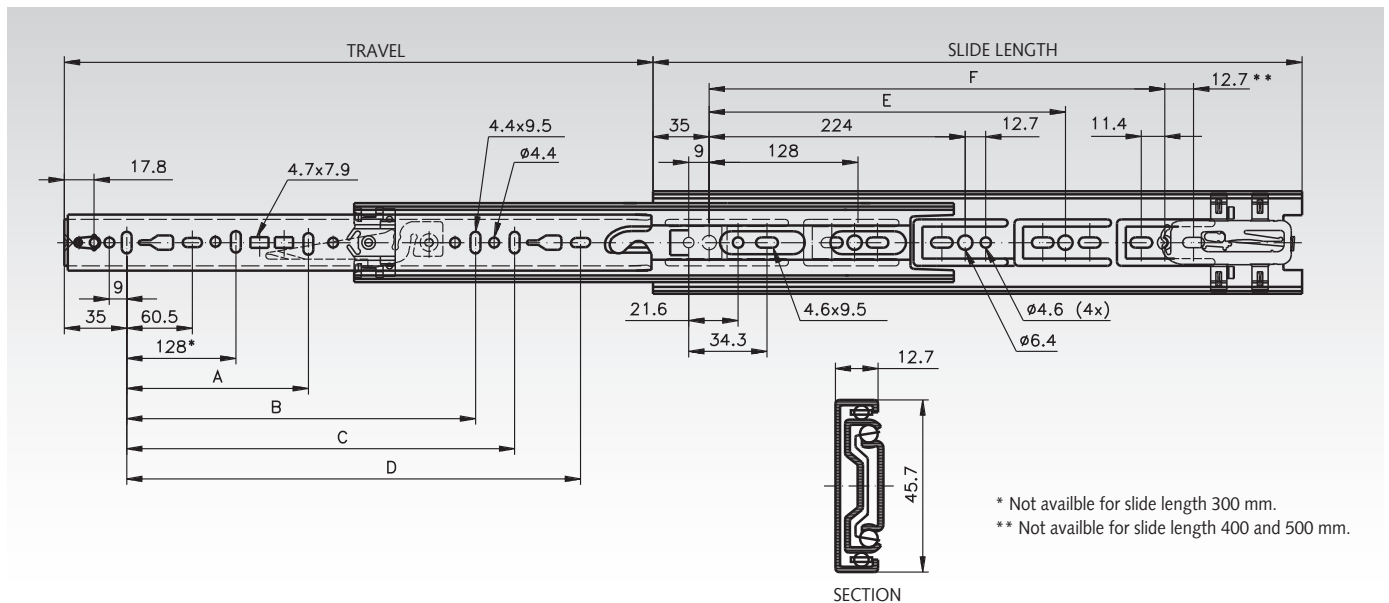
- Fast disconnection.
- Hold-in in closed position.
- Cam drawer adjust (3.1 mm).
- Optional clip-on brackets for bottom or platform mounting (page 808).
- Service life 10,000 / 80,000 cycles.

Closing/opening force 14 - 27 N per slide.



Accuride

Ordering details: e.g.: Prod. No. 649 014 30, Slides DZ 3832 SC



* Not available for slide length 300 mm.

** Not available for slide length 400 and 500 mm.

Product No. per Pair	Slide length mm	Travel +/-3.2 mm	A mm	B mm	C mm	D mm	E mm	F mm	Load Rating ¹⁾ per Pair kg	Weight per Pair kg
649 014 30	300	286	-	-	-	231	-	-	48 / 42	0,90
649 014 35	350	356	-	-	-	281	-	-	49 / 43	1,04
649 014 40	400	406	-	-	-	331	288	-	50 / 44	1,20
649 014 45	450	457	-	320	-	381	320	-	50 / 45	1,33
649 014 50	500	508	-	-	-	431	384	-	50 / 45	1,50
649 014 55	550	559	-	416	-	481	416	-	50 / 45	1,67
649 014 60	600	610	224	416	-	531	352	480	50 / 45	1,82
649 014 65	650	660	224	416	544	581	352	512	49 / 44	1,96

¹⁾ At 10,000 / 80,000 cycles.

Note

Recommended mounts: M4 screw. Use all mounting positions to achieve the max. load rating. Horizontal mounting not recommended. Clip-on brackets see page 808.

Slides DZ 3832 DO, Width 12.7 mm, to 50 kg, Full Extension with Hold-In and Hold-Out

Material:

Slide elements: Cold-rolled steel, bright zinc plated.
Ball retainers: Plastic / zinc-plated steel.
Balls: Hardened steel.

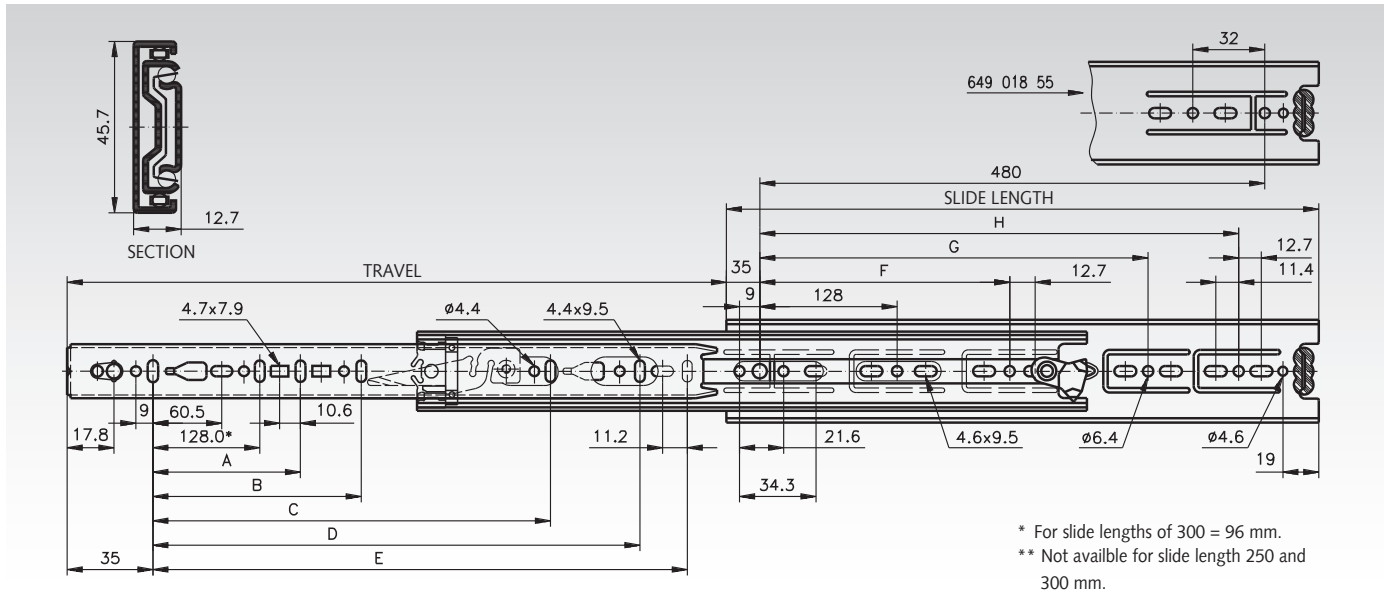
Telescopic ball bearing slides for applications in the industrial and electronics sector.

- Fast disconnection.
- Hold-in and hold-out.
- Can be mounted on either side.
- Cam drawer adjust (3.1 mm).
- Optional clip-on bracket (page 808).
- Service life 10,000 / 80,000 cycles.

Ordering details: e.g.: Prod. No. 649 018 25, Slides DZ 3832 DO



Accuride



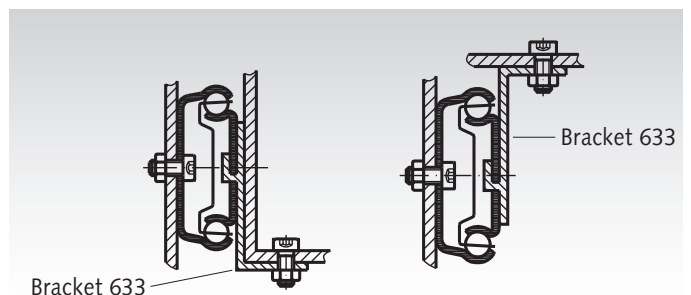
Product No. per Pair	Slide Length mm	Travel +/-3.2 mm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	Load Rating ¹⁾ per Pair kg	Weight per Pair kg
649 018 25	250	243	-	-	-	-	192	-	-	-	47 / 41	0,77
649 018 30	300	305	-	-	-	-	242	224	-	-	47 / 41	0,91
649 018 35	350	356	-	-	-	-	292	224	-	-	48 / 42	1,07
649 018 40	400	406	-	-	-	-	342	224	320	-	49 / 43	1,21
649 018 45	450	457	-	-	320	-	392	-	352	-	50 / 44	1,37
649 018 50	500	508	-	-	320	-	442	-	416	-	50 / 45	1,53
649 018 55	550	559	-	-	320	416	492	-	352	-	50 / 45	1,68
649 018 60	600	610	224	-	416	-	542	224	352	480	50 / 45	1,86
649 018 65	650	660	224	-	416	544	592	224	352	554	49 / 44	1,97
649 018 70	700	711	224	288	416	544	642	224	352	554	48 / 43	2,17

¹⁾ At 10,000 / 80,000 cycles.

Note

Recommended mounts: M4 screw.
Use all mounting positions to achieve the max. load rating.
Horizontal mounting not recommended.

Optional Clip-On Brackets see page 808.



Slides DA 5321, width 19.1 mm, up to 50 kg, Over-Extension

Material:

Slide elements: Aluminium.

Ball retainers and Balls: Stainless Steel.

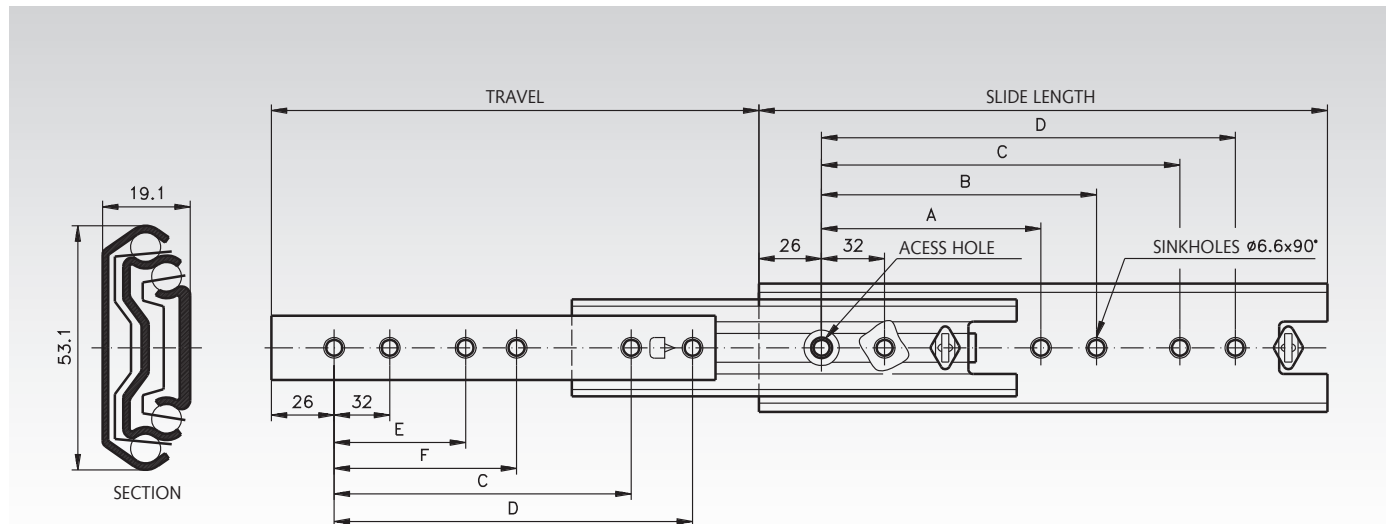
Telescopic precision ball bearing slides for applications in the industrial and electronics sector.

- Hold-in in the closed position.
- Mounting bracket for electronic cabinets on request.
- Service life 40,000 cycles.



Accuride

Ordering Details: e.g.: Product No. 649 045 30, Slides DA 5321



Product No. per Pair	Slide length mm	Travel +/-3.2 mm	A mm	B mm	C mm	D mm	E mm	F mm	Load Rating per Pair kg	Weight per Pair kg
649 045 30	300	324	-	-	192	224	-	-	40	0,72
649 045 35	350	374	-	-	224	256	-	-	43	0,86
649 045 40	400	424	160	192	288	320	128	160	45	0,98
649 045 45	450	474	160	192	320	352	128	160	48	1,11
649 045 50	500	524	192	224	384	416	160	192	50	1,24
649 045 55	550	574	192	224	416	448	160	192	50	1,37
649 045 60	600	624	256	288	480	512	192	256	50	1,50
649 045 65	650	674	256	288	544	576	192	256	50	1,62
649 045 70	700	724	288	320	576	608	256	288	50	1,76
649 045 80	790	804	352	384	672	704	320	352	40	2,00

Note

Recommended fastening: M5/M6 screw.

Use all mounting positions to achieve the max. load rating.

Attention: Vertical mounting only.

The load capacity was tested at a slide spacing of 450mm.

Selection Tool
on the Internet at www.maedler.de
in the section **MÄDLER®-Tools**

Slides DZ 2907, Width 9.6 mm, to 55 kg, Over Extension

Material:

Slide elements: Cold-rolled steel, bright zinc plated.
Ball retainers: Plastic / zinc-plated steel.
Balls: Hardened steel.

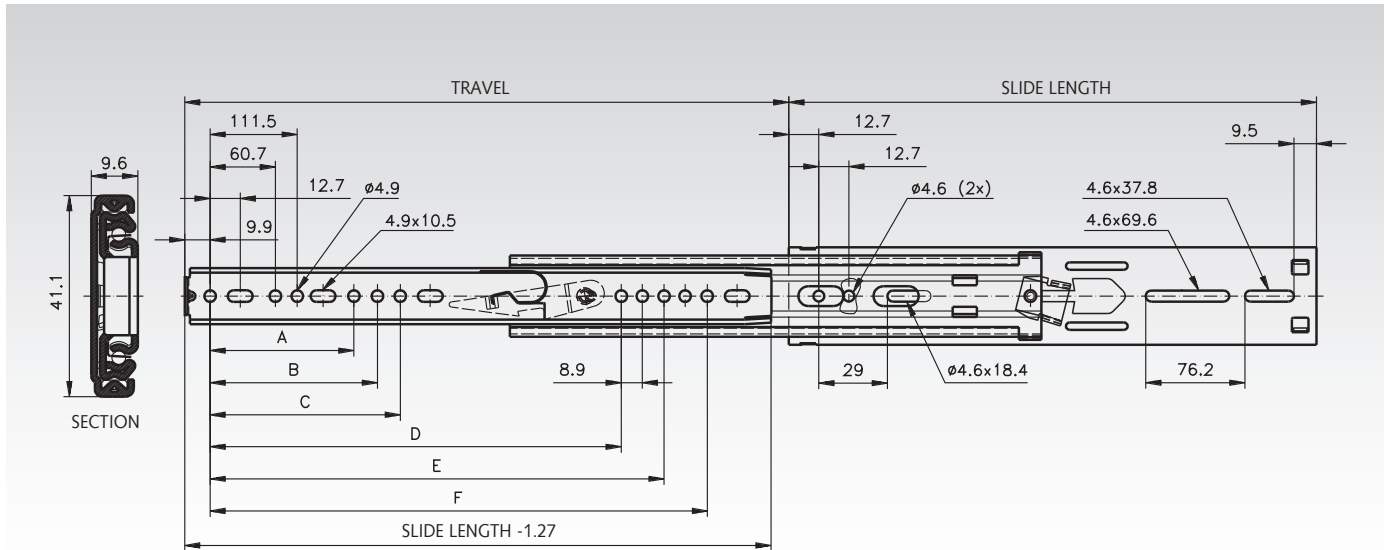
Telescopic ball bearing slides for applications in the industrial and electronics sector.

- Locks in open position.
- Fast disconnection.
- Bracket mount for electrical cabinets on request.
- Mounting accessories included.
- Service life 10,000 cycles.



Accuride

Ordering details: e.g.: Prod. No. 649 022 12, Slides DZ 2907



Product No. per Pair	Slide Length mm	Travel +/-3.2 mm	A mm	B mm	C mm	D mm	E mm	F mm	Load Rating per Pair kg	Weight per Pair kg
649 022 12	305	356	-	-	-	-	-	235,0	30	0,84
649 022 14	356	406	-	-	-	-	-	285,8	35	1,00
649 022 16	406	457	162,6	-	-	-	-	336,5	45	1,13
649 022 18	457	508	-	-	164,8	314,3	-	387,3	50	1,27
649 022 20	508	559	-	172,1	203,2	356,2	-	438,1	55	1,42
649 022 22	559	610	-	-	213,0	407,0	-	488,9	55	1,55
649 022 24	610	660	254,0	273,7	-	-	457,8	539,7	50	1,71
649 022 26	660	711	140,3	232,4	269,1	416,6	508,6	590,5	50	1,87
649 022 28	711	762	191,1	283,2	304,8	467,4	559,4	641,4	50	2,00
649 022 30	762	813	-	241,9	319,9	518,2	610,2	692,1	50	2,16

Note

Recommended mounts: M4 screw.
Use all mounting positions to achieve the max. load rating.

Slides DS 0330, Width 19.1 mm, to 80 kg, Stainless Steel, Full Extension

Material:

Stainless steel 1.4301.



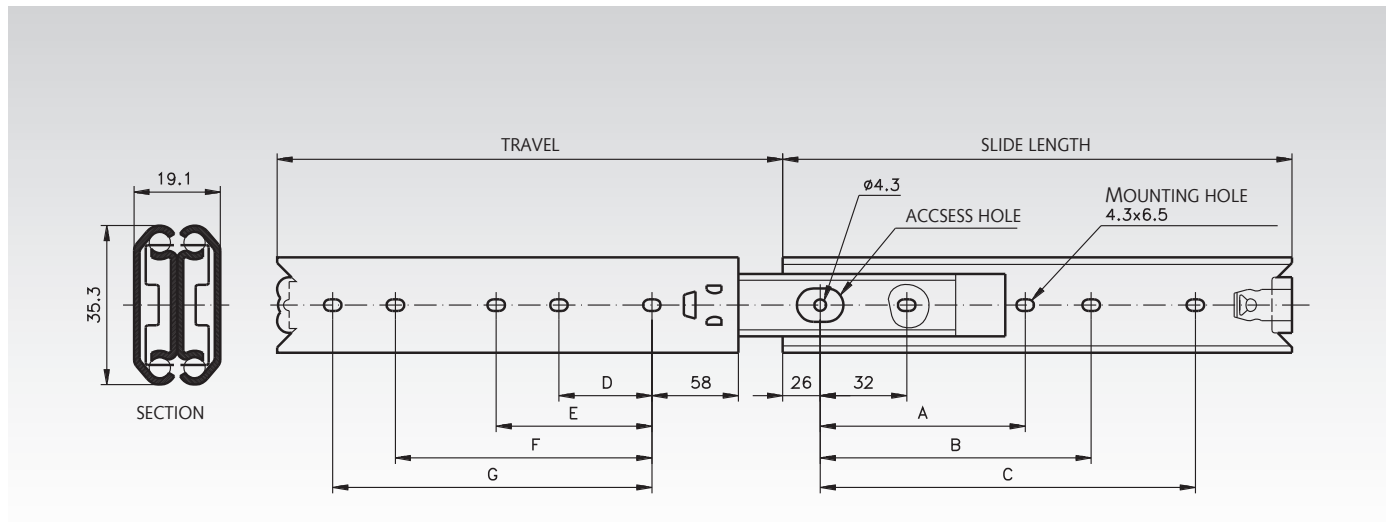
Telescopic ball bearing slides for applications in the industrial and electronics sector.

- Hold-in in closed position.
- Can be mounted on both sides.
- Service life 10,000 / 80,000 cycles.



Accuride

Ordering details: e.g.: Prod. No. 649 446 30, Slides DS 0330



Product No. per Pair	Slide Length mm	Travel +/-3.2 mm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	Load Rating ¹⁾ per Pair kg	Weight per Pair kg
649 446 30	300	305	-	192	242	-	-	192	224	65 / 50	1,08
649 446 35	350	354	-	242	256	-	-	242	256	70 / 55	1,29
649 446 40	400	403	-	192	320	160	-	288	320	75 / 60	1,48
649 446 45	450	452	-	224	352	192	-	320	352	80 / 65	1,66
649 446 50	500	501	256	288	416	224	256	384	416	75 / 57	1,86
649 446 55	550	550	288	320	480	256	288	416	448	70 / 50	2,07
649 446 60	600	600	320	352	512	288	320	480	512	65 / 45	2,26
649 446 70	700	698	352	384	608	320	352	576	608	55 / 30	2,67

¹⁾ At 10,000 / 80,000 cycles.

Note

Recommended mounts: M4 screw.
Use all mounting positions to achieve the max. load rating.

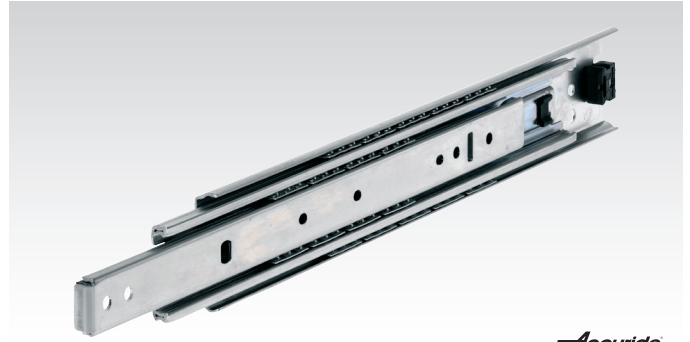
Slides DZ 3301, Width 12.7 mm, to 68 kg, Over Extension

Material:

Slide elements: Cold-rolled steel, bright zinc plated.
Ball retainers: Cold-rolled steel, zinc-plated.
Balls: Hardened steel.

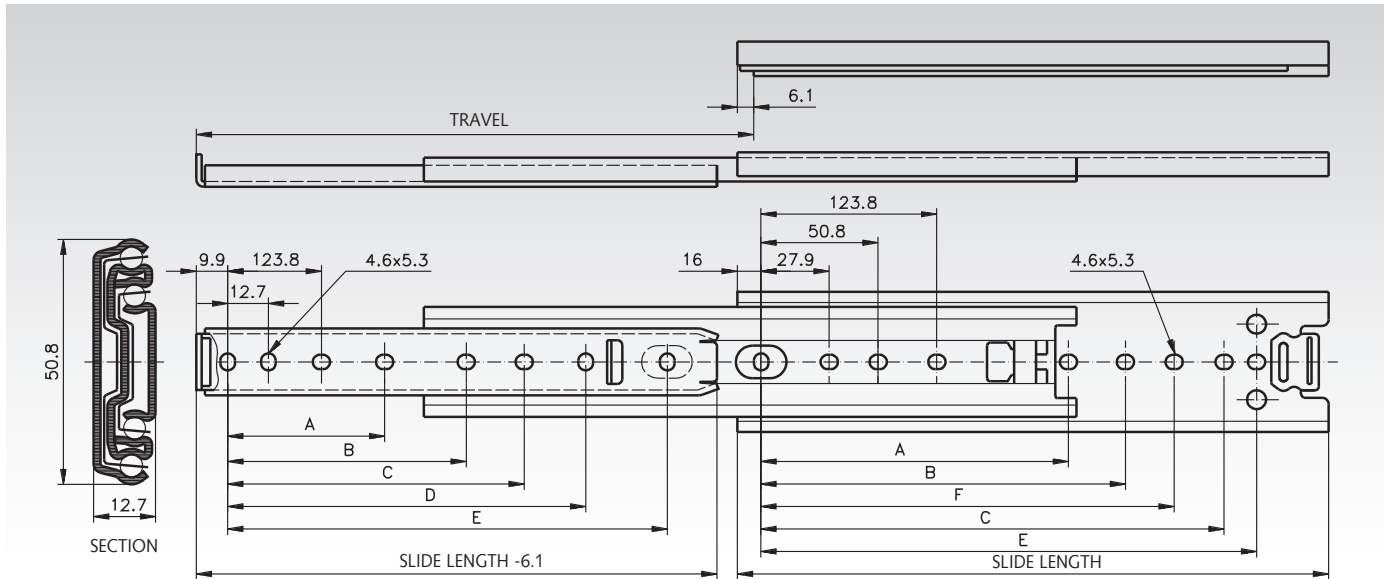
Telescopic ball bearing slides for applications in the industrial and electronics sector.

- Hold-in in closed position.
- Bracket mount for electrical cabinets on request.
- Service life 10,000 cycles.



Accuride

Ordering details: e.g.: Prod. No. 649 028 12, Slides DZ 3301



Product No. per Pair	Slide Length mm	Travel +/-3.2 mm	A mm	B mm	C mm	D mm	E mm	F mm	Load Rating per Pair kg	Weight per Pair kg
649 028 12	305	330	-	162,1	222,2	235,0	260,3	209,5	68	1,27
649 028 14	356	381	-	212,8	273,0	285,7	311,1	260,3	67	1,51
649 028 16	406	432	-	263,6	323,8	336,5	361,9	311,1	67	1,73
649 028 18	457	483	212,8	314,4	374,6	387,3	412,7	361,9	66	1,92
649 028 20	508	533	238,2	365,2	425,4	438,1	463,5	412,7	66	2,14
649 028 22	559	584	263,6	416,0	476,2	488,9	514,3	463,5	64	2,37
649 028 24	610	635	289,0	466,8	527,0	539,7	565,1	514,3	61	2,53
649 028 26	660	686	314,4	517,6	577,8	590,5	615,9	565,1	58	2,77
649 028 28	711	737	339,8	568,4	628,6	641,3	666,7	615,9	55	3,01

Note

Recommended mounts: M4 screw.
Use all mounting positions to achieve the max. load rating.
The load capacity was tested at a slide spacing of 450mm.

Slides DZ 3307, Width 12.7 mm, to 68 kg, Over Extension

Material:

Slide elements: Cold-rolled steel, bright zinc plated.
Ball retainers: Cold-rolled steel, zinc-plated.
Balls: Hardened steel.

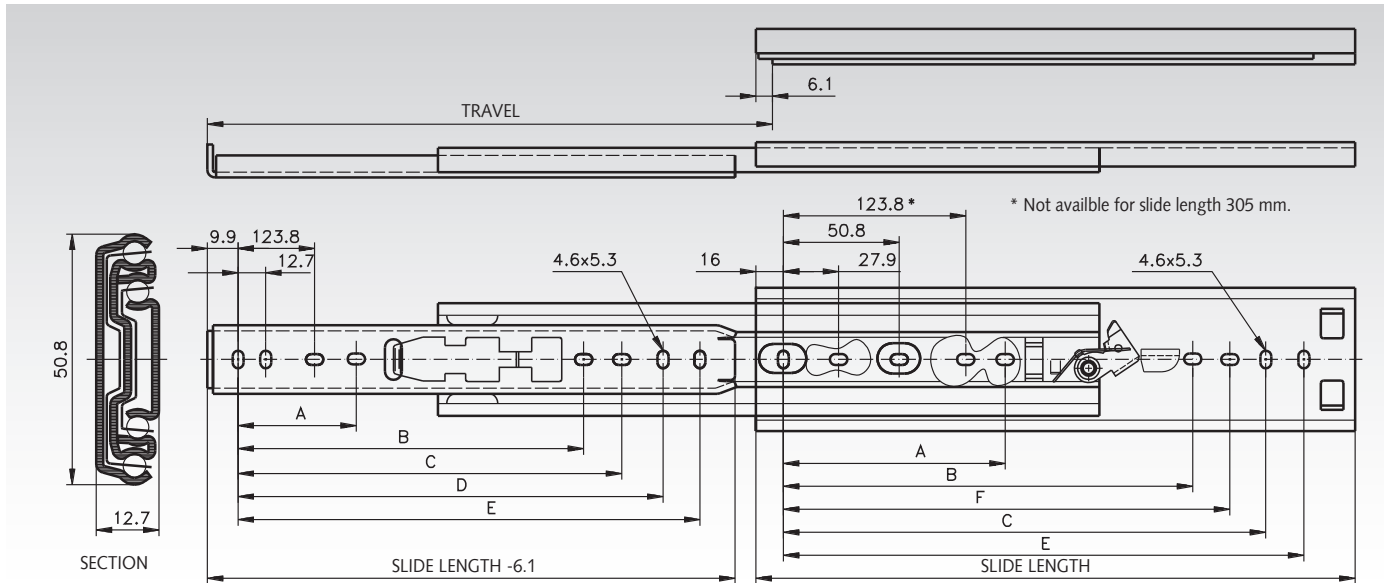
Telescopic ball bearing slides for applications in the industrial and electronics sector.

- Fast disconnection.
- Locks in open position.
- Mounting accessories included.
- Bracket mount for electrical cabinets on request.
- Service life 10,000 cycles.



Accuride

Ordering details: e.g.: Prod. No. 649 030 12, Slides DZ 3307



Product No. per Pair	Slide Length mm	Travel +/-3.2 mm	A mm	B mm	C mm	D mm	E mm	F mm	Load Rating per Pair kg	Weight per Pair kg
649 030 12	305	330	-	-	234,9	247,6	260,3	209,5	68	1,32
649 030 14	356	381	-	-	285,7	298,4	311,1	260,3	67	1,51
649 030 16	406	432	-	-	336,5	349,2	361,9	311,1	67	1,73
649 030 18	457	483	177,8	314,4	387,3	400,0	412,7	361,9	66	1,84
649 030 20	508	533	203,2	365,2	438,1	450,8	463,5	412,7	66	2,16
649 030 22	559	584	228,6	416,0	488,9	501,6	514,3	463,5	64	2,39
649 030 24	610	635	254,0	466,8	539,7	552,4	565,1	514,3	61	2,60
649 030 26	660	686	279,4	517,6	590,5	603,2	615,9	565,1	58	2,81
649 030 28	711	737	304,8	568,4	641,3	654,0	666,7	615,9	55	3,04

Note

Recommended mounts: M4 screw.
Use all mounting positions to achieve the max. load rating.

Selection Tool
on the Internet at www.maedler.de
in the section **MÄDLER®-Tools**

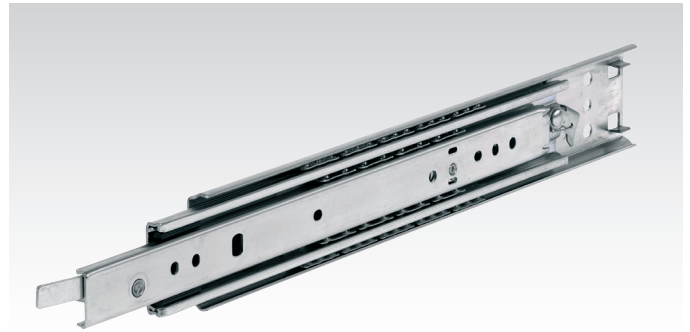
Slides DZ 3308, Width 12.7 mm, to 68 kg, Over Extension

Material:

Slide elements: Cold-rolled steel, bright zinc plated.
Ball retainers: Cold-rolled steel, zinc-plated.
Balls: Hardened steel.

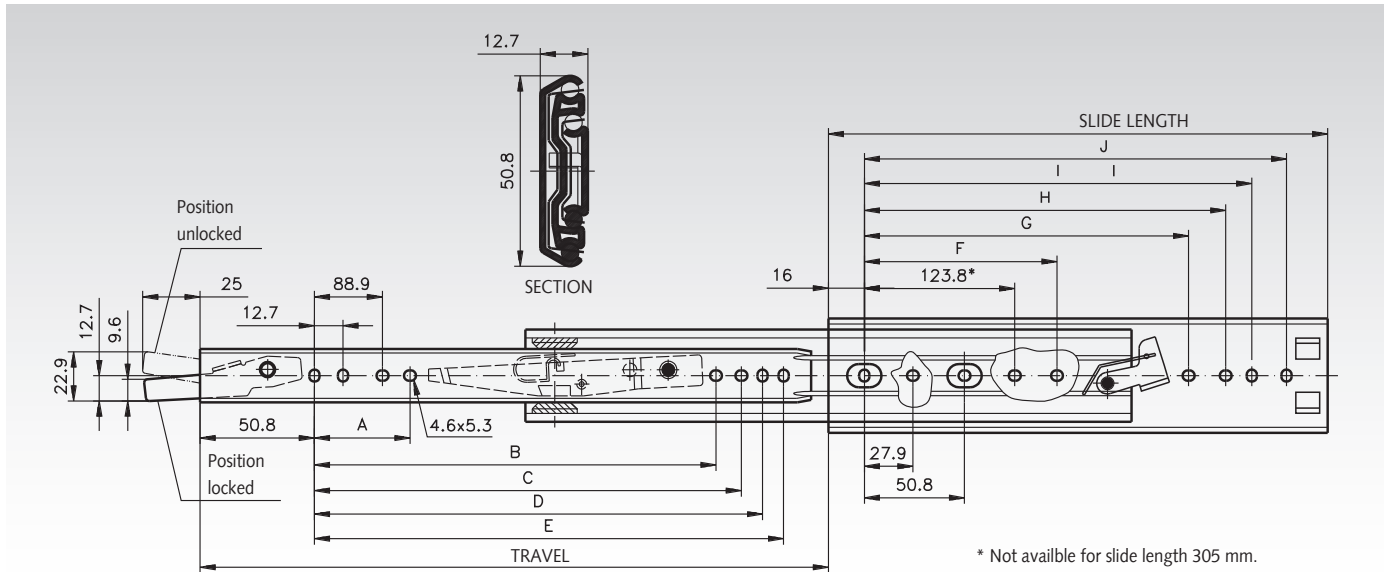
Telescopic ball bearing slides for applications in the industrial and electronics sector.

- Fast disconnection.
- Lock-in in closed position.
- Lock-out in open position.
- Can be mounted on either side.
- Service life 10,000 cycles.



Accuride

Ordering details: e.g.: Prod. No. 649 032 12, Slides DZ 3308



Product No. per Pair	Slide Length mm	Travel +/-3.2 mm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	J mm	Load Rating per Pair kg	Weight per Pair kg
649 032 12	305	330	-	-	220,1	212,8	225,5	-	-	209,5	234,9	260,3	68	1,32
649 032 14	356	381	-	-	250,9	263,6	276,3	-	-	260,3	285,7	311,1	67	1,54
649 032 16	406	432	-	-	301,7	314,4	327,1	-	-	311,1	336,5	361,9	67	1,75
649 032 18	457	483	143,0	279,4	352,5	365,2	377,9	177,8	314,4	361,9	387,3	412,7	66	1,96
649 032 20	508	533	168,4	330,2	403,3	416,0	428,7	203,2	365,2	412,7	438,1	463,5	66	2,19
649 032 22	559	584	193,8	381,0	454,1	466,8	479,5	228,6	416,0	463,5	488,9	514,3	64	2,37
649 032 24	610	635	219,2	431,8	504,9	517,6	530,3	254,0	466,8	514,3	539,7	565,1	61	2,63
649 032 26	660	686	244,6	482,6	555,7	568,4	581,1	279,4	517,6	565,1	590,5	615,9	58	2,86
649 032 28	711	737	270,0	533,4	606,5	619,2	631,9	304,8	568,4	615,9	641,3	666,7	55	3,05

Note

Recommended mounts: M4 screw.
Use all mounting positions to achieve the max. load rating.

Slides DZ 0305, Width 19.1 mm, to 70 kg, Over Extension

Material:

Slide elements: Cold-rolled steel, bright zinc plated.
Ball retainers: Cold-rolled steel, zinc-plated.
Balls: Hardened steel.

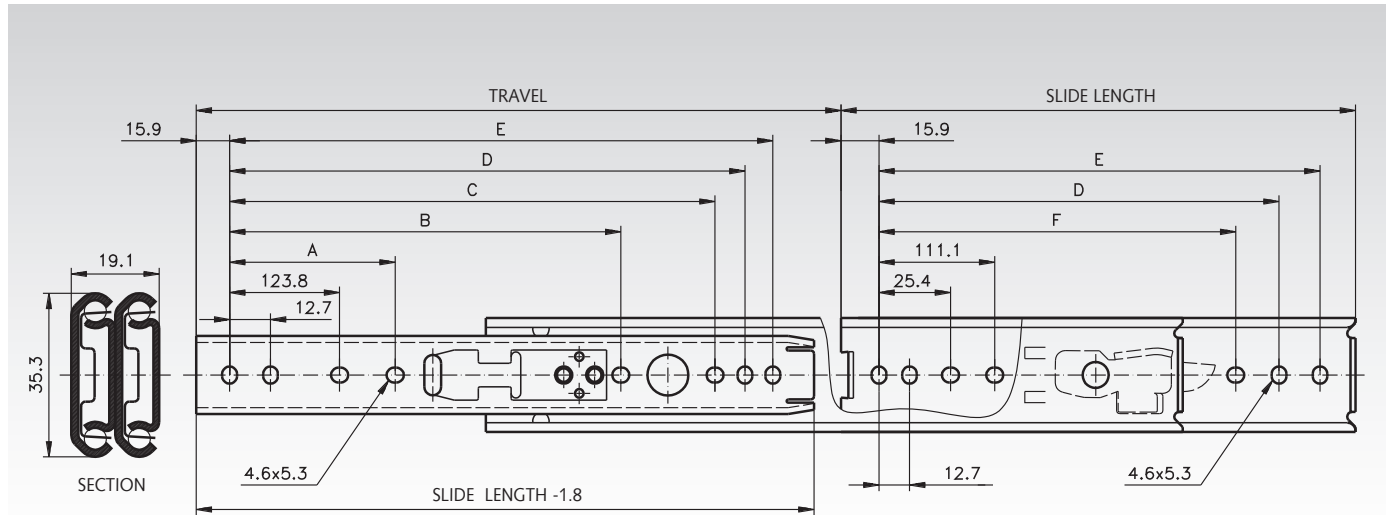
Telescopic ball bearing slides for applications in the industrial and electronics sector.

- Locks in open position.
- Fast disconnection.
- Bracket mount for electrical cabinets on request.
- Service life 10,000 cycles.



Accuride

Ordering details: e.g.: Prod. No. 649 024 12, Slides DZ 0305



Product No. per Pair	Slide Length mm	Travel +/-3.2 mm	A mm	B mm	C mm	D mm	E mm	F mm	Load Rating per Pair kg	Weight per Pair kg
649 024 12	305	327	-	-	-	260,3	273,0	-	70	1,27
649 024 14	356	378	-	-	298,4	311,1	323,8	-	68	1,46
649 024 16	406	429	-	-	349,2	361,9	374,6	250,8	65	1,63
649 024 18	457	480	212,7	-	400,0	412,7	425,4	301,6	62	1,88
649 024 20	508	531	238,1	365,2	450,8	463,5	476,2	352,4	57	2,04
649 024 22	559	581	263,5	415,9	501,6	514,3	527,0	403,2	52	2,29
649 024 24	610	632	288,9	466,7	552,4	565,1	577,8	454,0	46	2,50
649 024 26	660	683	314,3	517,7	603,2	615,9	628,6	504,8	41	2,67
649 024 28	711	734	339,7	568,3	654,0	666,7	679,4	555,6	36	2,89

Note

Recommended mounts: M4 screw.
Use all mounting positions to achieve the max. load rating.

Slides DZ 0301, Width 19.1 mm, to 70 kg, Over Extension

Material:

Slide elements: Cold-rolled steel, bright zinc plated.
Ball retainers: Cold-rolled steel, zinc-plated.
Balls: Hardened steel.

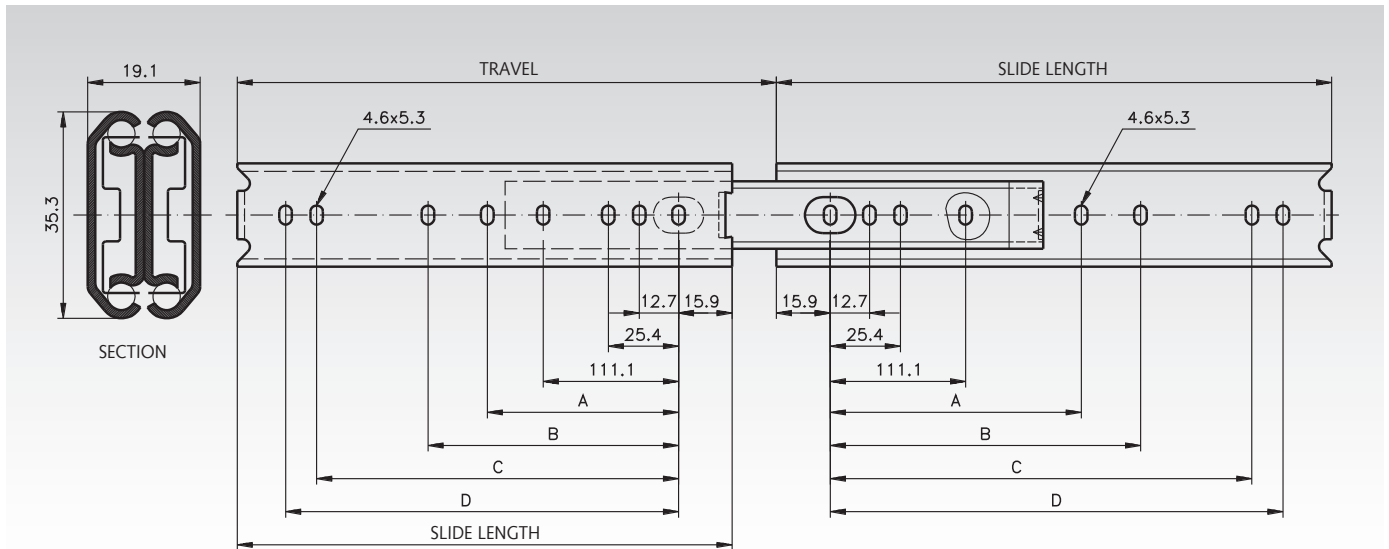
Telescopic ball bearing slides for applications in the industrial and electronics sector.

- Low slide profile (only 35.3 mm).
- Bracket mount for electrical cabinets on request.
- Service life 10,000 cycles.



Accuride

Ordering details: e.g.: Prod. No. 649 034 12, Slides DZ 0301



Product No. per Pair	Slide Length mm	Travel +/-3.2 mm	A mm	B mm	C mm	D mm	Load Rating per Pair kg	Weight per Pair kg
649 034 12	305	327	-	149,2	260,3	273,0	70	1,38
649 034 14	356	378	-	200,0	311,1	323,8	67	1,63
649 034 16	406	429	-	250,8	361,9	374,6	65	1,87
649 034 18	457	480	212,7	301,6	412,7	425,4	63	2,10
649 034 20	508	530	238,1	352,4	463,5	476,2	60	2,35
649 034 22	559	581	263,5	403,2	514,3	527,0	55	2,60
649 034 24	610	632	288,9	454,0	565,1	577,8	50	2,77
649 034 26	660	683	314,3	504,8	615,9	628,6	45	2,55
649 034 28	711	734	339,7	555,6	666,7	679,4	40	3,22

Note

Recommended mounts: M4 screw.
Use all mounting positions to achieve the max. load rating.

Slides DS 3031, Width 19.1 mm, to 80 kg, Stainless Steel, Over Extension

Material: Stainless steel 1.4301.



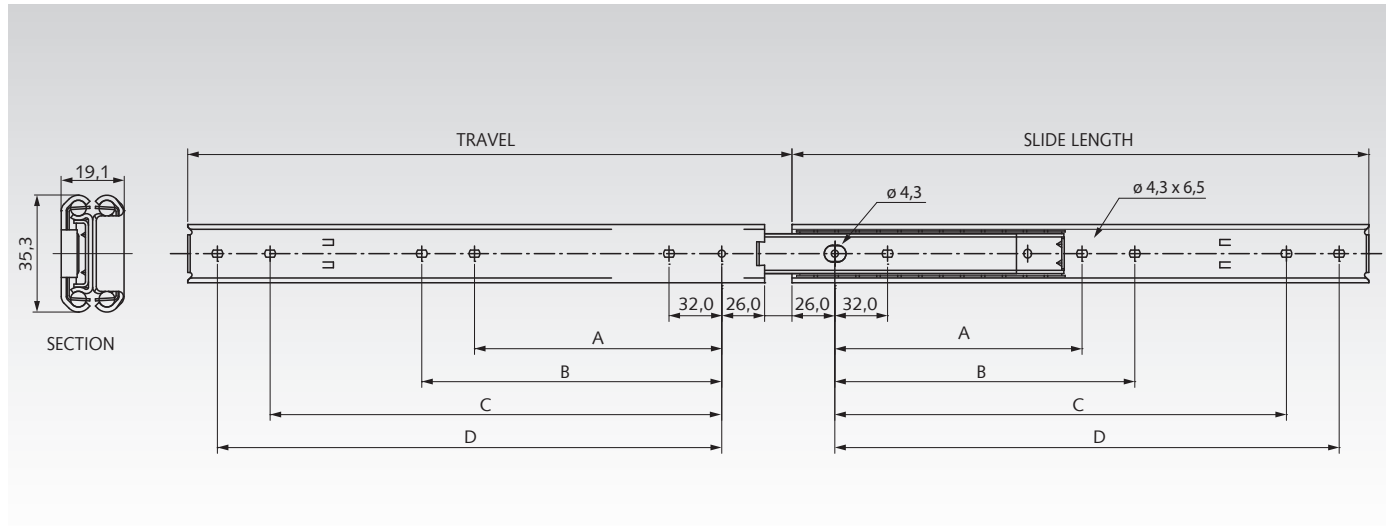
Telescopic ball bearing slides for applications also at high temperature areas.

- High temperature food-grade grease.
- Suitable for temperature up to +300°C.
- Ideal for environments where mild steel might corrode.
- Service life 10,000 cycles.



Accuride

Ordering details: e.g.: Prod. No. 649 035 30, Slides DS 3031



Product No. per Pair	Slide Length mm	Travel +/-3.2 mm	A mm	B mm	C mm	D mm	Load Rating per Pair kg	Weight per Pair kg
649 035 30	300	317	-	-	224	256	65	1,53
649 035 35	350	367	-	-	256	288	70	1,72
649 035 40	400	416	-	192	320	352	75	1,91
649 035 45	450	465	-	224	352	384	80	2,10
649 035 50	500	514	256	288	416	448	75	2,29
649 035 55	550	563	288	320	480	512	70	2,48
649 035 60	600	613	320	352	512	544	65	2,67
649 035 65	650	662	320	352	576	608	60	2,86
649 035 70	700	711	352	384	608	640	55	3,05

Note

Recommended mounts: M4 screw, max. head height 2.5mm, max. head ϕ 9.6mm.
Use all mounting positions to achieve the max. load rating.

Selection Tool
on the Internet at www.maedler.de
in the section **MÄDLER®-Tools**

Slides DZ 5417, width 19.1 mm, up to 100 kg, Over-Extension

Material:

Slide elements: Cold-rolled, bright zinc-plated steel.
Ball retainers: Cold rolled steel, zinc-plated.
Balls: Hardened steel.

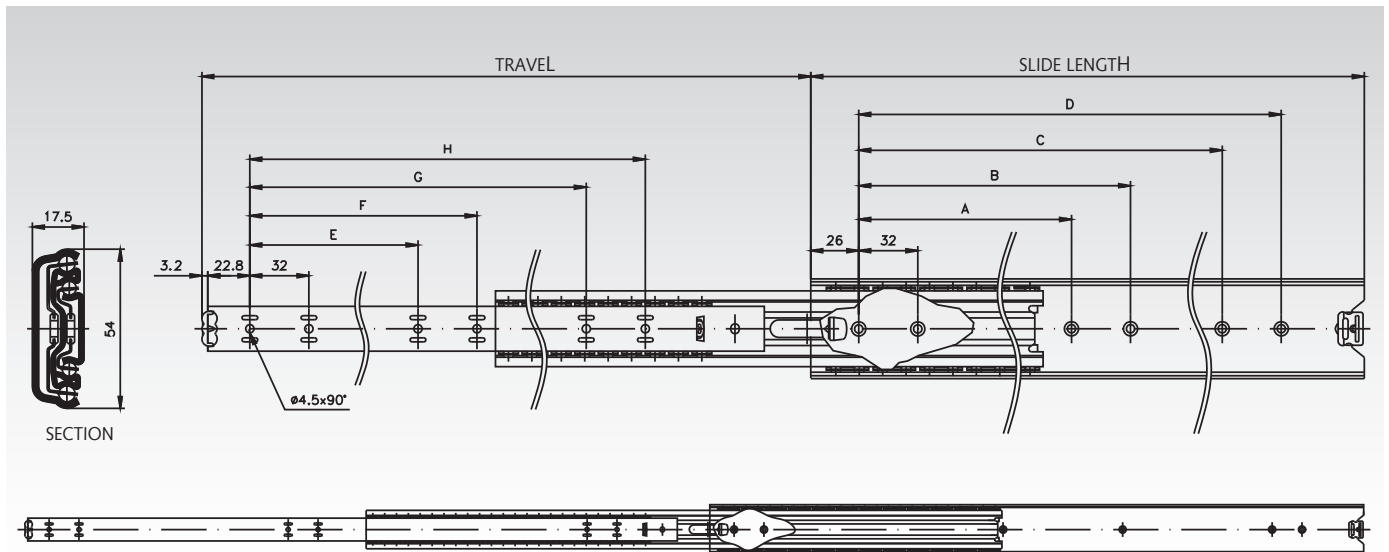
Telescopic precision ball bearing slides for applications in the industrial and electronics sector.

- Hold-in in the closed position.
- Service life 10,000 cycles.



Accuride

Ordering Details: e.g.: Product No. 649 049 30, Slides DZ 5417



Product No. per Pair	Slide length mm	Travel +/-3,2 mm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	Load Rating kg	Weight per Pair kg
649 049 30	300	340	-	-	224	256	-	-	-	256	90	1,64
649 049 35	350	389	-	-	224	256	-	-	-	256	90	1,93
649 049 40	400	438	160	192	320	352	128	160	-	352	92	2,22
649 049 45	450	487	160	192	320	352	128	160	320	352	95	2,53
649 049 50	500	537	192	224	416	448	160	192	-	416	100	2,81
649 049 55	550	586	224	-	448	480	160	192	-	448	100	3,12
649 049 60	600	635	256	288	480	512	192	224	480	512	94	3,41
649 049 65	650	684	288	320	544	576	192	256	-	544	92	3,68
649 049 70	700	733	288	416	576	608	256	288	576	608	90	4,00

Note

Recommended fastening: M4 screw.
Use all mounting positions to achieve the max. load rating.

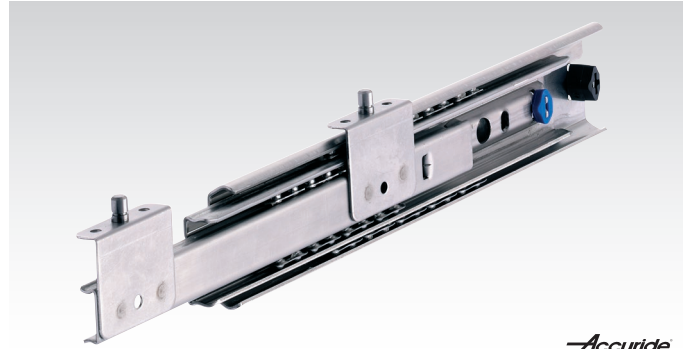
Slides DS 5322, Width 20.7 mm, to 120 kg, Stainless Steel, Over Extension

Material: Stainless steel 1.4301.



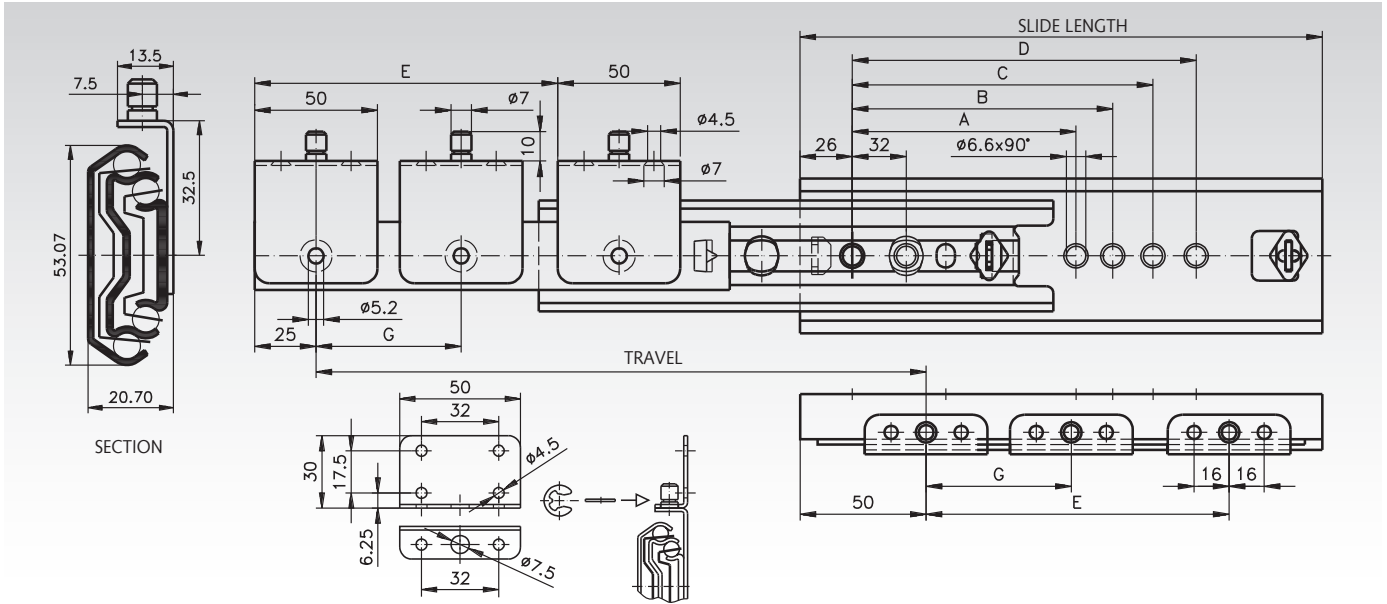
Telescopic ball bearing slides for applications in the industrial and electronics sector.

- Ideal for environments where mild steel might corrode.
- Hold-in in closed position.
- Easily mounted brackets with bolts.
- Especially long service life, up to 80,000 cycles.

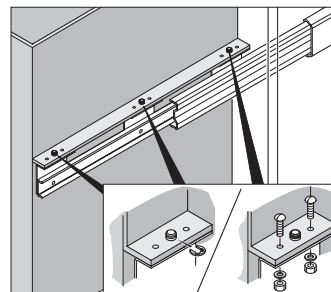
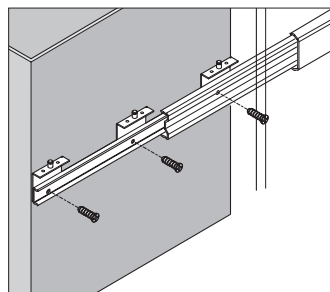
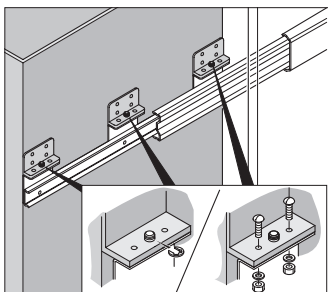


Accuride

Ordering details: e.g.: Prod. No. 649 048 30, Slides DS 5322



Product No. per Pair	Slide Length mm	Travel +/-3.2 mm	A mm	B mm	C mm	D mm	E mm	G mm	Load Rating per Pair kg	Weight per Pair kg
649 048 30	300	342	-	-	192	224	177	-	80	1,83
649 048 35	350	392	-	-	256	288	227	-	90	2,15
649 048 40	400	442	160	192	288	320	277	-	100	2,45
649 048 45	450	492	192	224	352	384	327	-	110	2,74
649 048 50	500	542	192	224	384	416	377	-	120	3,04
649 048 55	550	592	224	256	448	480	427	-	110	3,33
649 048 60	600	642	256	288	480	512	477	238,5	100	3,74
649 048 70	700	742	320	352	608	640	577	288,5	70	4,37
649 048 80	790	822	352	384	672	704	677	338,5	50	4,92



Note

Recommended mount: M5/M6 screw.
Use all mounting positions to achieve the max. load rating.

Slides DZ 3607, Width 19.1 mm, to 120 kg, Full Extension

Material:

Slide elements: Cold-rolled steel, bright zinc plated.

Ball retainers: Cold-rolled steel, zinc-plated.

Balls: Hardened steel.

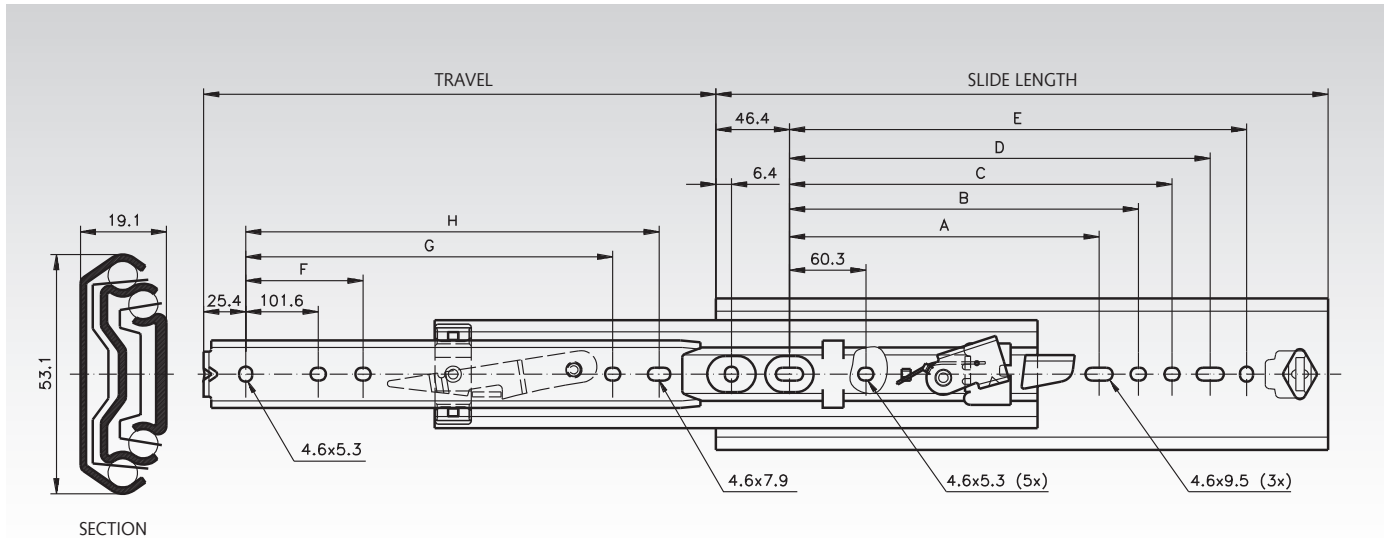
Telescopic ball bearing slides for applications in the industrial and electronics sector.

- Lock-out in open position
- Fast disconnection.
- Mountings included.
- Bracket mount for electrical cabinets on request.
- Service life 10,000 cycles.



Accuride

Ordering details: e.g.: Prod. No. 649 038 12, Slides DZ 3607



Product No. per Pair	Slide Length mm	Travel +/-3.2 mm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	Load Rating per Pair kg	Weight per Pair kg
649 038 12	305	305	-	135,4	179,1	204,5	229,9	-	-	228,6	90	1,79
649 038 14	356	356	-	186,2	229,9	255,3	280,7	-	-	279,4	90	2,08
649 038 16	406	406	-	237,0	280,7	306,1	331,5	-	257,3	330,2	100	2,50
649 038 18	457	457	-	287,8	331,5	356,9	382,3	-	308,1	381,0	110	2,71
649 038 20	508	508	215,9	338,6	382,3	407,7	433,1	203,2	358,9	431,8	120	3,02
649 038 22	559	559	241,3	389,4	433,1	458,5	483,9	228,6	409,7	482,6	110	3,32
649 038 24	610	610	266,7	440,2	483,9	509,3	534,7	254,0	460,5	533,4	100	3,63
649 038 26	660	660	292,1	491,0	534,7	560,1	585,5	279,4	511,3	584,2	92	3,95
649 038 28	711	711	317,5	541,8	585,5	610,9	636,3	304,8	562,1	635,0	83	4,22

Note

Side-specific slide assembly: Levers move in same direction when pair of slides is installed.

Recommended mounts: M4 screw.

Use all mounting positions to achieve the max. load rating.

Attention: Vertical mounting only.

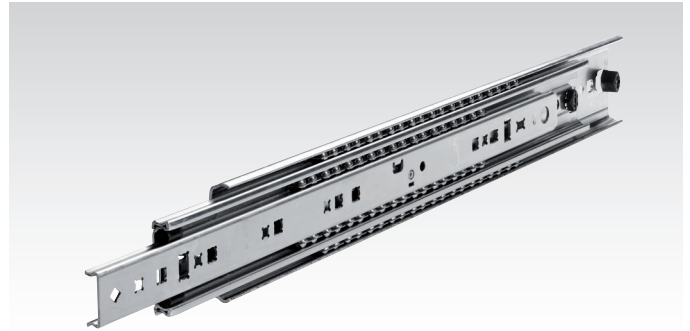
Slides DZ 7957, Width 19.1 mm, to 160 kg, Full Extension

Material:

Slide elements: Cold rolled steel, bright zinc-plated.
Ball retainers: Cold rolled steel, zinc-plated.
Balls: Hardened steel.

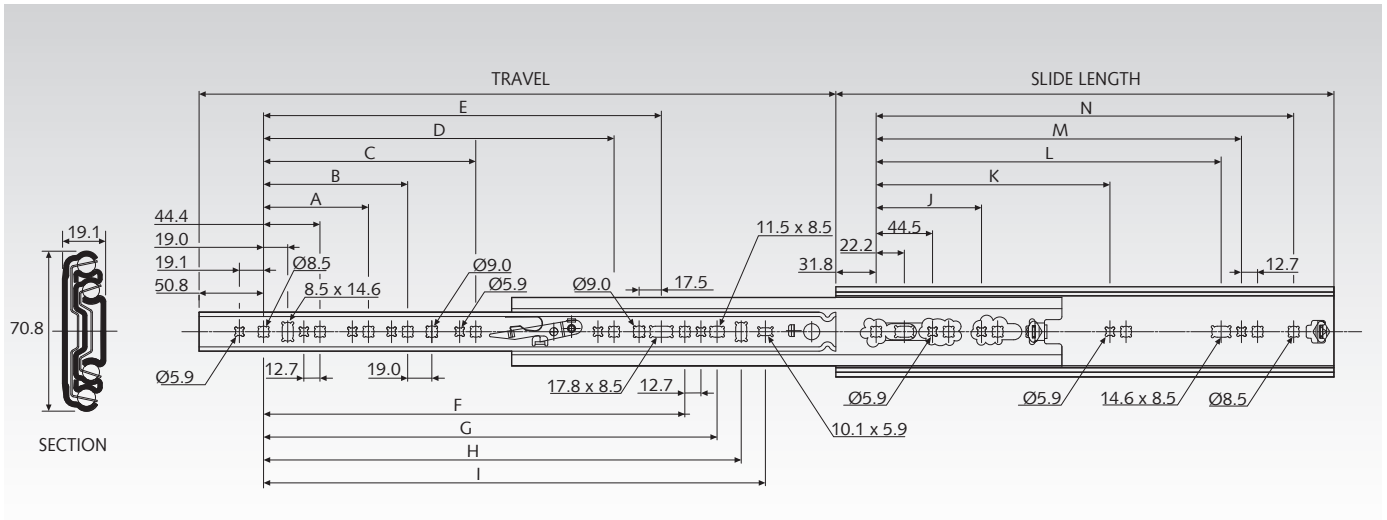
Telescopic precision ball bearing slides for applications in the industrial and electronics sector.

- Suitable for drawers up to 1000mm wide at high load.
- Fast Disconnect.
- Optional Clip-On Brackets (page 808).
- Very high service life up to 80,000 cycles.



Accuride

Ordering details: e.g.: Prod. No. 649 039 12, Slides DZ 7957



Product No. per Pair	Slide Length mm	Travel mm +/-3.2	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	J mm	K mm	L mm	M mm	N mm	Load Rating Pair kg	Weight Pair kg
649 039 12	305	305	-	-	-	-	-	-	-	179,4	198,5	-	-	184,2	200,2	241,3	140	2,38
649 039 14	356	356	-	-	-	-	-	-	-	230,2	249,3	-	-	235,0	251,0	292,1	140	2,80
649 039 16	406	406	108	-	-	-	-	236,6	262,0	281,0	300,1	-	-	285,8	301,8	342,9	150	3,19
649 039 18	457	457	108	-	-	-	-	287,4	312,8	331,8	350,9	-	-	336,6	352,6	393,7	150	3,62
649 039 20	508	508	108	171,5	-	-	-	338,2	363,6	382,6	401,7	-	-	387,4	403,4	444,5	160	4,03
649 039 22	559	559	108	171,5	-	-	-	328,7	389,0	414,4	433,4	-	-	438,2	454,2	495,3	160	4,42
649 039 24	610	610	108	171,5	-	-	-	379,5	439,8	465,2	484,2	-	-	489,0	505,0	546,1	160	4,84
649 039 26	660	660	108	171,5	-	-	-	430,3	490,6	516,0	535,0	-	-	539,8	555,8	596,9	160	5,27
649 039 28	711	711	108	171,5	-	-	-	481,1	541,4	566,8	585,8	-	-	590,6	606,6	647,7	160	5,88
649 039 30	762	762	108	171,5	-	-	-	531,9	592,2	617,6	636,6	203,2	469,9	641,4	657,4	698,5	160	6,06
649 039 32	813	813	108	171,5	-	-	-	582,7	643,0	688,4	687,4	203,2	520,7	692,2	708,2	749,3	160	6,48
649 039 34	864	864	108	171,5	349,3	-	-	633,5	693,8	719,2	738,2	203,2	571,5	743,0	759,0	800,1	160	6,88
649 039 36	914	914	108	171,5	349,3	501,7	-	684,3	744,6	770,0	789,0	203,2	622,3	793,8	809,8	850,9	160	7,29

Note

Recommended mounts: M5/M6 screw.

Use all mounting positions to achieve the max. load rating.

Handed slide assembly: Levers for front disconnection move in same direction.

For bracket accessory kit see page 808. The fixings included will not fit the 7957 slide. We recommend M6 countersunk screws.

Selection Tool
on the Internet at www.maedler.de
in the section **MÄDLER®-Tools**

Slides DZ 5321 SC, Width 19.1 mm, to 120 kg, Over Extension

Material:

Slide elements: Cold-rolled steel, bright zinc plated.
Ball retainers: Cold-rolled steel, zinc-plated.
Balls: Hardened steel.

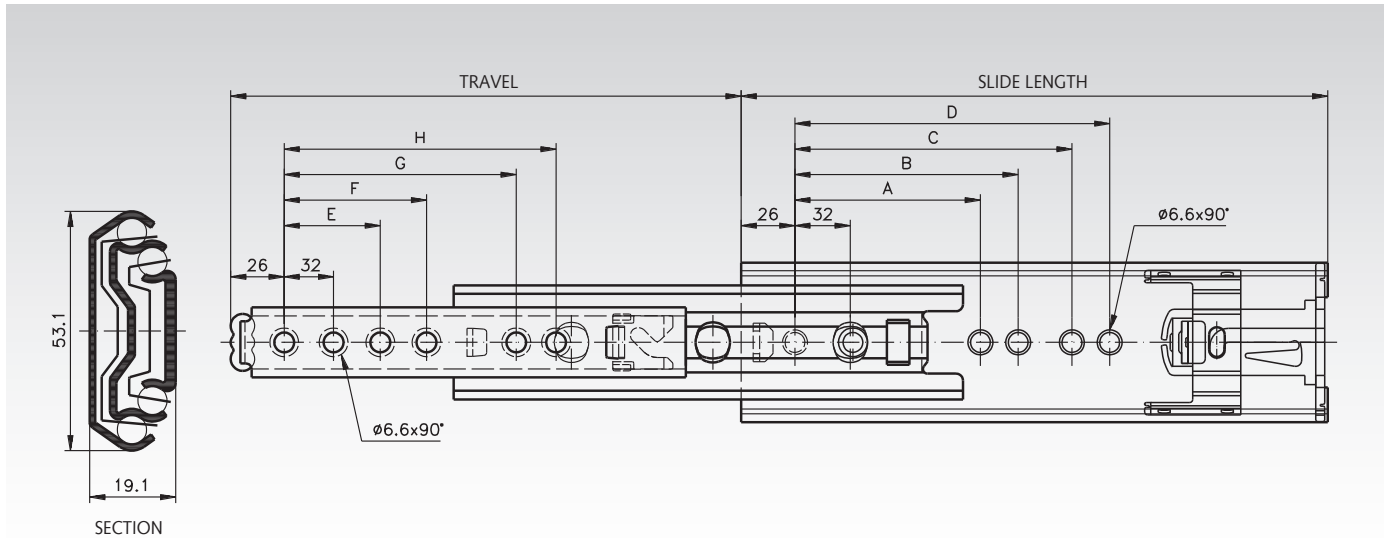
Telescopic ball bearing slides for applications in the industrial and electronics sector.

- Self Close.
- Hold-in in closed position.
- Bracket mount for electrical cabinets on request.
- Service life 10,000 cycles.



Accuride

Ordering details: e.g.: Prod. No. 649 042 30, Slides DZ 5321 SC



Product No. per Pair	Slide Length mm	Travel +/-3.2 mm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	Load Rating per Pair kg	Weight per Pair kg
649 042 30	300	319	-	-	160	192	-	-	192	224	85	1,64
649 042 35	350	369	-	-	224	256	-	-	224	256	90	1,96
649 042 40	400	419	160	192	256	288	160	192	288	320	100	2,25
649 042 45	450	469	192	224	320	352	192	224	352	384	110	2,57
649 042 50	500	519	224	256	352	384	224	256	384	416	120	2,87
649 042 55	550	569	224	256	416	448	224	256	448	480	110	3,17
649 042 60	600	619	256	288	480	512	256	288	480	512	100	3,48
649 042 70	700	719	320	352	544	576	320	352	576	608	70	4,10
649 042 80	790	823	352	384	640	672	352	384	672	704	50	4,64

Note

Recommended mount: M5/M6 screw.
Use all mounting positions to achieve the max. load rating.

Slides DZ / DS 5321, width 19.1 mm, up to 170 kg, Over-Extension

Material Type DZ 5321:

Slide elements: Cold-rolled, bright zinc-plated steel.
Ball retainers: Cold rolled steel, zinc-plated.
Balls: Hardened steel.

Material Type DS 5321:

Stainless steel 1.4301.

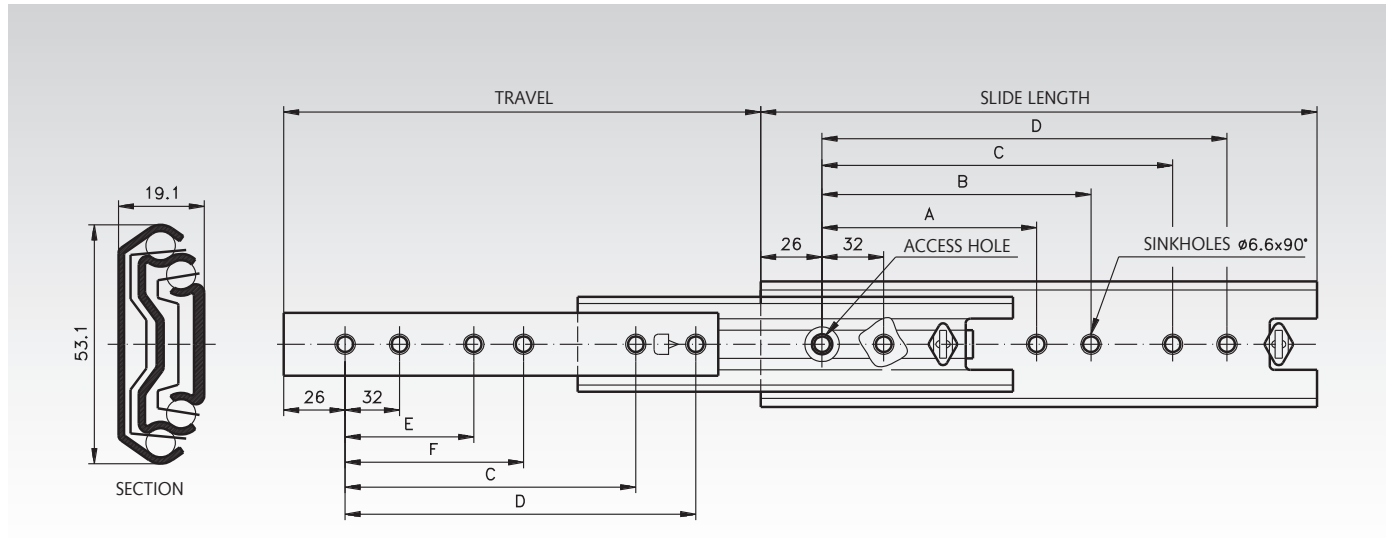


Accuride

Telescopic precision ball bearing slides for applications in the industrial and electronics sector.

- Hold-in in the closed position.
- Mounting bracket for electronic cabinets on request.
- Service life 10,000 / 80,000 cycles.

Ordering Details: e.g.: Product No. 649 040 30, Slides DZ 5321



Product No. per pair DZ 5321	Product No. per pair DS 5321	Slide length mm	Travel +/-3,2 mm	A mm	B mm	C mm	D mm	E mm	F mm	Load Rating ¹⁾ per pair kg	Weight per pair kg
649 040 30	649 440 30	300	323,5	-	-	192	224	-	-	130 / 120	1,73
649 040 35	649 440 35	350	373,5	-	-	224	256	-	-	140 / 120	2,04
649 040 40	649 440 40	400	423,5	160	192	288	320	128	160	150 / 130	2,34
649 040 45	649 440 45	450	473,5	160	192	320	352	128	160	160 / 140	2,64
649 040 50	649 440 50	500	523,5	192	224	384	416	160	192	170 / 150	2,94
649 040 55	649 440 55	550	573,5	192	224	416	448	160	192	160 / 140	3,25
649 040 60	649 440 60	600	623,5	256	288	480	512	192	256	150 / 120	3,55
649 040 70	649 440 70	700	723,5	288	320	576	608	256	288	130 / 110	4,16
649 040 80	649 440 80	790	803,5	352	384	672	704	320	352	100 / 100	4,72
649 040 90	-	900	923,5	448	480	768	800	384	416	90 / 80	5,33
649 040 99	-	1000	1023,5	480	512	864	896	448	480	80 / 70	5,87
649 040 11	-	1100	1123,5	544	576	992	1024	480	512	70 / 60	6,39

¹⁾ At 10,000 / 80,000 cycles.

Note

Recommended fastening: M5/M6 screw.
Use all mounting positions to achieve the max. load rating.
Attention: Vertical mounting only.

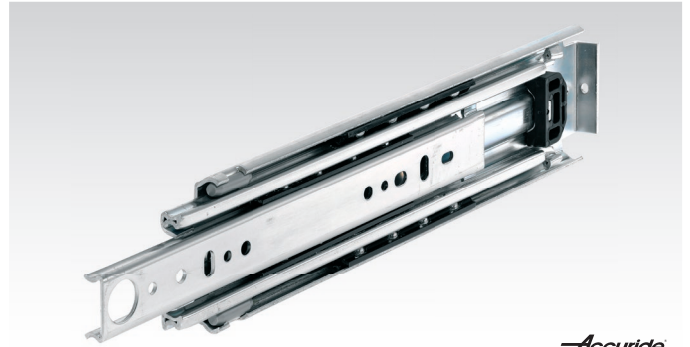
Slides DZ 9301, Width 19.1 mm, to 227 kg, Full Extension

Material:

Slide elements: Cold-rolled steel, zinc plated.
Ball retainers: Plastic.
Balls: Hardened steel.

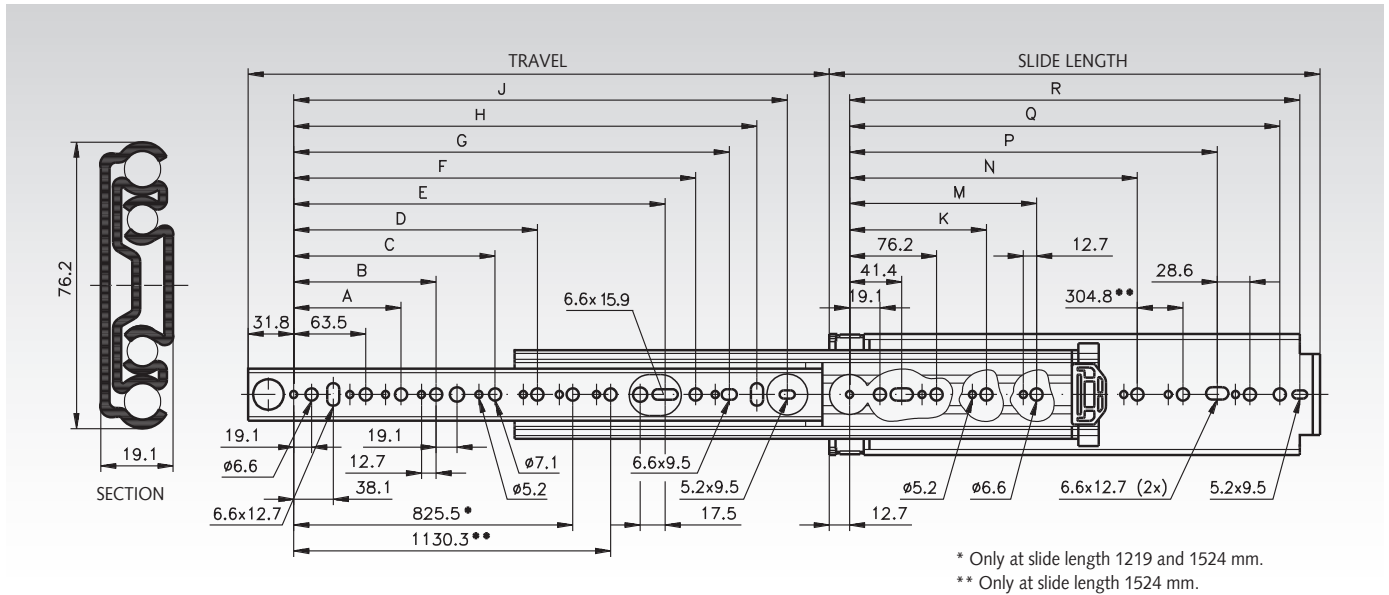
Telescopic ball bearing slides for applications in the industrial and electronics sector.

- Lengths to 1.5 m.
- Optional bracket kits for various mounting options (page 808).
- Service life 10,000 cycles (to 180 kg up to 75,000 cycles).



Accuride

Ordering details: e.g.: Prod. No. 649 050 10, Slides DZ 9301



Product No. per Pair	Slide Length mm	Travel +/-3.3 mm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	J mm	K mm	M mm	N mm	P mm	Q mm	R mm	Load Rating Pair kg	Weight Pair kg
649 050 10	254	254	-	-	-	-	-	103,1	128,5	147,6	166,6	-	-	-	152,4	209,6	228,6	227	1,15
649 050 12	305	305	-	-	-	-	-	153,9	179,3	198,4	217,4	-	-	-	203,2	260,4	279,4	227	2,80
649 050 14	356	356	-	-	-	-	-	204,7	230,1	249,2	268,2	-	-	-	254,0	311,2	330,2	227	3,28
649 050 16	406	406	127	-	-	-	-	255,5	280,9	300,0	319,0	-	-	-	304,8	362,0	381,0	227	3,80
649 050 18	457	457	127	-	-	-	246,1	306,3	331,7	350,8	369,8	-	-	-	355,6	412,8	431,8	227	4,30
649 050 20	508	508	127	190,5	-	-	296,9	357,1	382,5	401,6	420,6	-	-	-	406,4	463,6	482,6	227	4,76
649 050 22	559	559	127	190,5	-	-	347,7	407,9	433,3	452,4	471,4	-	-	-	457,2	514,4	533,4	227	5,22
649 050 24	610	610	127	190,5	-	-	398,5	458,7	484,1	503,2	522,2	-	-	-	508,0	565,2	584,2	227	5,76
649 050 26	660	660	127	190,5	-	-	449,3	509,5	534,9	554,0	573,0	-	-	-	558,8	616,0	635,0	227	6,26
649 050 28	711	711	127	190,5	-	-	500,1	560,3	585,7	604,8	623,8	-	-	-	609,6	666,8	685,8	227	6,74
649 050 30	762	762	127	190,5	368,3	-	550,9	611,1	636,5	655,6	674,6	235	-	501,7	660,4	717,6	736,6	222	7,24
649 050 32	813	813	127	190,5	368,3	-	601,7	661,9	687,3	706,4	725,4	235	393,7	552,5	711,2	768,4	787,4	218	7,72
649 050 34	864	864	127	190,5	368,3	469,9	652,5	712,7	738,1	757,2	776,2	235	419,1	603,3	762,0	819,2	838,2	213	8,30
649 050 36	914	914	127	190,5	368,3	520,7	703,3	763,5	788,9	808,0	827,0	235	444,5	654,1	812,8	870,0	889,0	209	8,74
649 050 40	1016	1016	127	190,5	368,3	520,7	804,9	865,1	890,5	909,6	928,6	235	546,1	755,7	914,4	971,6	990,6	200	9,76
649 050 42	1067	1067	127	190,5	368,3	520,7	855,7	915,9	941,3	960,4	979,4	235	546,1	806,5	965,2	1022,4	1041,4	195	10,22
649 050 44	1118	1118	127	190,5	368,3	520,7	906,5	966,7	992,1	1011,2	1030,2	235	546,1	857,3	1016,0	1073,2	1092,2	182	10,70
649 050 48	1219	1219	127	190,5	368,3	520,7	1008,1	1068,3	1093,7	1112,8	1131,8	235	596,9	958,9	1117,8	1174,8	1193,8	182	11,72
649 050 60	1524	1524	127	190,5	368,3	520,7	1312,9	1373,1	1398,5	1417,6	1436,6	235	596,9	958,9	1422,4	1479,6	1498,6	154	14,64

Note

Recommended mount: M5/M6 screw.
Max. screw head of 4.8 mm height and 12.7 mm Ø.
Use all mounting positions to achieve the max. load rating.

Bracket accessory kits DZ 634 for side and bottom mounting see page 808.

Slides DZ 9308, Width 19.1 mm, to 227 kg, Full Extension

Material:

Slide elements: Cold-rolled steel, bright zinc plated.

Ball retainers: Plastic.

Balls: Hardened steel.

Telescopic ball bearing slides for applications in the industrial and electronics sector.

- Slides sold separately (left or right).
- Lock-in in open position.
- Lock-out in closed position.
- Front lever lock release.
- Only for vertical mounting.
- Optional bracket accessory kits for various mounting options (page 808).
- Service life 10,000 cycles (to 180 kg up to 75,000 cycles).

Note: Sold singly.

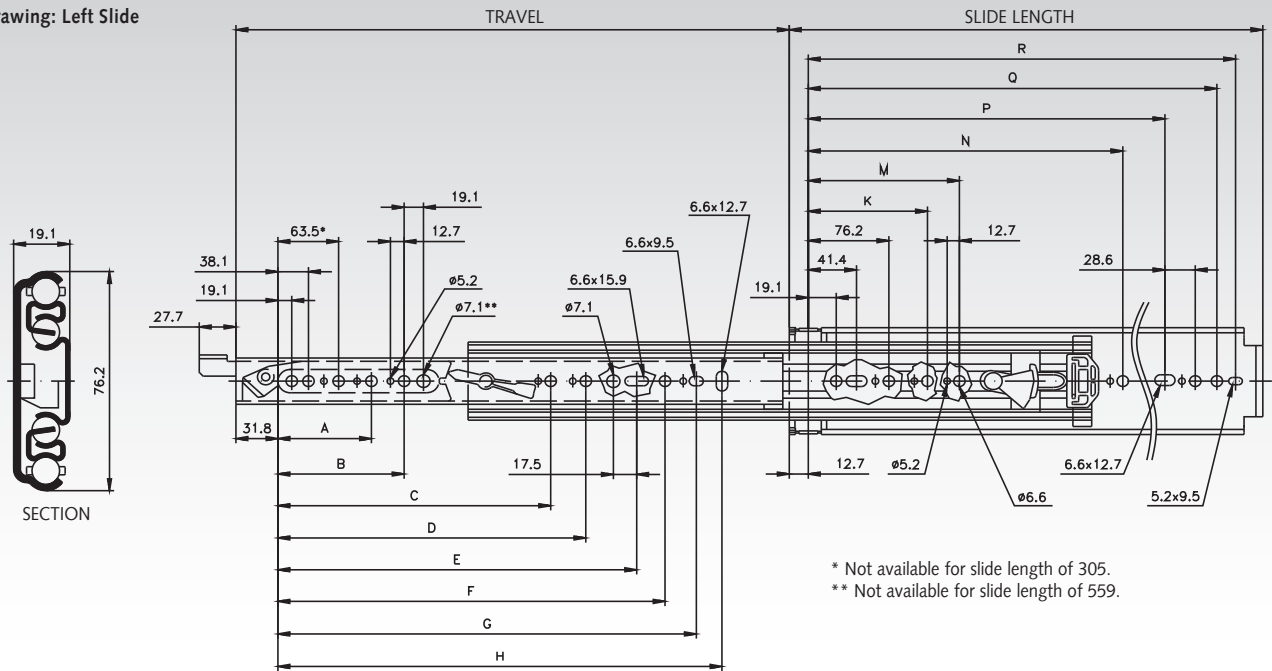
Picture: Left slide.



Accuride

Ordering details: e.g.: Prod. No. 649 052 12, Slide DZ 9308, left
Prod. No. 649 054 12, Slide DZ 9308, right

Drawing: Left Slide



Product No. per Piece left	Product No. per Piece right	Slide Length mm	Travel +/- -3.3 mm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	K mm	M mm	N mm	P mm	Q mm	R mm	Load Rating per Pair kg	Weight Piece kg
649 052 12	649 054 12	305	305	-	-	-	-	-	153,9	179,3	198,4	-	-	-	203,2	260,4	279,4	227	1,46
649 052 14	649 054 14	356	356	-	-	-	-	-	204,7	230,1	249,2	-	-	-	254,0	311,2	330,2	227	1,71
649 052 16	649 054 16	406	406	-	-	-	-	-	255,5	280,9	300,0	-	-	-	304,8	362,0	381,0	227	1,97
649 052 18	649 054 18	457	457	127	-	-	-	-	306,3	331,7	350,8	-	-	-	355,6	412,8	431,8	227	2,21
649 052 20	649 054 20	508	508	127	-	-	-	296,9	357,1	382,5	401,6	-	-	-	406,4	463,6	482,6	227	2,45
649 052 22	649 054 22	559	559	127	190,5	-	-	347,7	407,9	433,3	452,4	-	-	-	457,2	514,4	533,4	227	2,69
649 052 24	649 054 24	610	610	127	190,5	-	-	398,5	458,7	484,1	503,2	-	-	-	508,0	565,2	584,2	227	2,96
649 052 26	649 054 26	660	660	127	190,5	-	-	449,3	509,5	534,9	554,0	-	-	-	558,8	616,0	635,0	227	3,20
649 052 28	649 054 28	711	711	127	190,5	-	-	500,1	560,3	585,7	604,8	-	-	-	609,6	666,8	685,8	227	3,46
649 052 30	649 054 30	762	762	127	190,5	-	-	550,9	611,1	636,5	655,6	235	-	501,7	660,4	717,6	736,6	222	3,71
649 052 32	649 054 32	813	813	127	190,5	-	-	601,7	661,9	687,3	706,4	235	-	552,5	711,2	768,4	787,4	218	3,98
649 052 34	649 054 34	864	864	127	190,5	-	520,7	652,5	712,7	738,1	757,1	235	-	-	762,0	819,1	832,2	213	4,22
649 052 36	649 054 36	914	914	127	190,5	368,3	520,7	703,3	763,5	788,9	807,9	235	-	-	812,8	869,9	889,0	209	4,49
649 052 40	649 054 40	1016	1016	127	190,5	368,3	-	804,9	865,1	890,5	909,5	235	-	755,7	914,4	971,5	990,6	200	5,03
649 052 42	649 054 42	1067	1067	127	190,5	368,3	-	855,7	915,7	941,3	960,4	235	-	806,5	965,2	1022,4	1041,4	195	5,27
649 052 48	649 054 48	1219	1219	127	190,5	368,3	520,7	1008,1	1068,3	1093,7	1112,8	235	-	958,9	1117,6	1174,8	1193,8	182	6,00
649 052 60	649 054 60	1524	1524	127	190,5	368,3	520,7	1312,9	1373,1	1398,5	1417,8	235	596,9	958,9	1422,4	1479,5	1498,6	154	7,54

Note

These slides are sold separately. To lock both sides a left-hand and a right-hand slide are required. To lock one side a left or right-hand slide can be combined with slide DZ 9301 as non-locking companion slide, see page 804.

Attention: Vertical mounting only.

Recommended mount: M5/M6 screw.

Max. screw head of 4.8 mm height and 12.7 mm Ø.

Use all mounting positions to achieve the max. load rating.

Bracket accessory kits DZ 634 for side and bottom mounting see page 808.

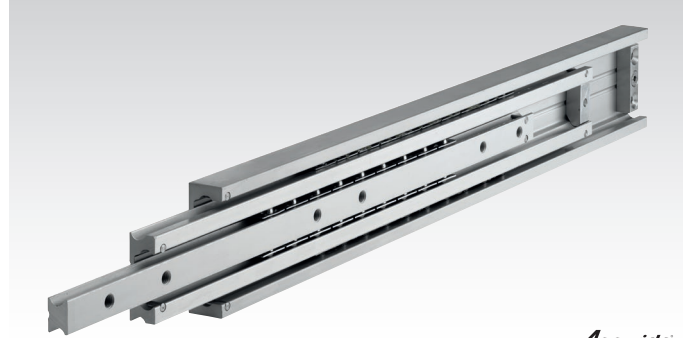
Slides DA 4160, Width 26.5 mm, to 300 kg, Full Extension

Material:

Slide elements: Aluminium, corrosion resistant.
Ball retainers and Balls: Stainless Steel.

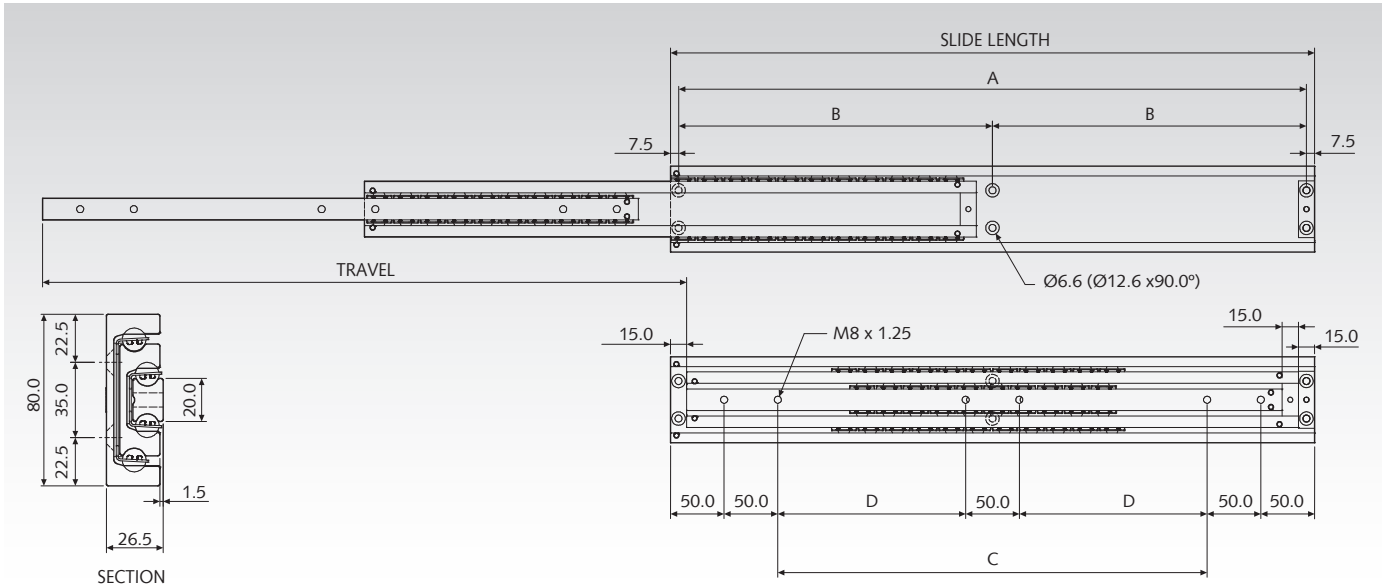
Heavy Duty Telescopic ball bearing slides for applications in the industrial and electronics sector.

- Very high load capacity up to 300 kg.
- Good corrosion resistance.
- Only for vertical mounting.
- Service life 10,000 cycles.



Accuride

Ordering details: e.g.: Prod. No. 649 055 30, Slides DA 4160



Produ per Pair	Slide Length mm	Travel +/-3,2 mm	A mm	B mm	C mm	D mm	Load Rating per Pair kg	Weight kg
649 055 30	300	300	285	-	100	-	240	2,50
649 055 35	350	350	335	-	150	-	255	2,93
649 055 40	400	400	385	-	200	-	270	3,37
649 055 45	450	450	435	-	250	-	285	3,80
649 055 50	500	500	485	-	300	-	300	4,24
649 055 55	550	550	-	267,5	-	150	300	4,68
649 055 60	600	600	-	292,5	-	175	300	5,12
649 055 65	650	650	-	317,5	-	200	295	5,56
649 055 70	700	700	-	342,5	-	225	290	6,00
649 055 80	800	800	-	392,5	-	275	270	6,87
649 055 90	900	900	-	442,5	-	325	250	7,75
649 056 00	1000	1000	-	492,5	-	375	230	8,62

Note

Recommended mounts: M6/M8 screw.
Use all mounting positions to achieve the max. load rating.

Attention: Vertical mounting only.

The load rating is based on slides mounted 600mm apart. These slides are also suitable for wider applications, if the drawer is stiff enough.

End stops have been tested to 10 cycles with the nominated loads at 0.8 m/s. We recommend that additional external stopping arrangements are used.

We recommend that quality grease, rated for extreme pressure, is re-applied at 2000 cycle intervals.

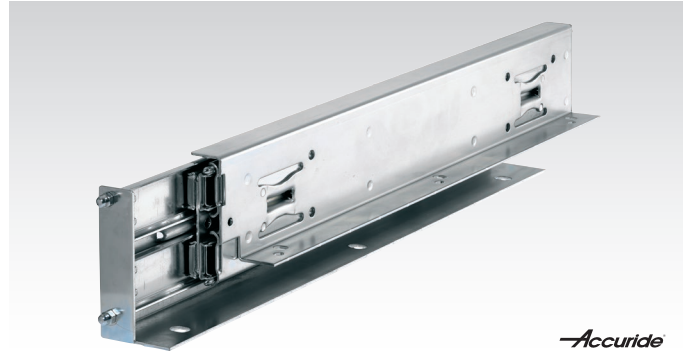
Slides DZ 0522, Width 26.5 mm, to 180 kg, Over Extension

Material:

Slide elements: Cold-rolled steel, bright zinc plated.
Ball retainers: Cold-rolled steel, zinc-plated.
Balls: Hardened steel.

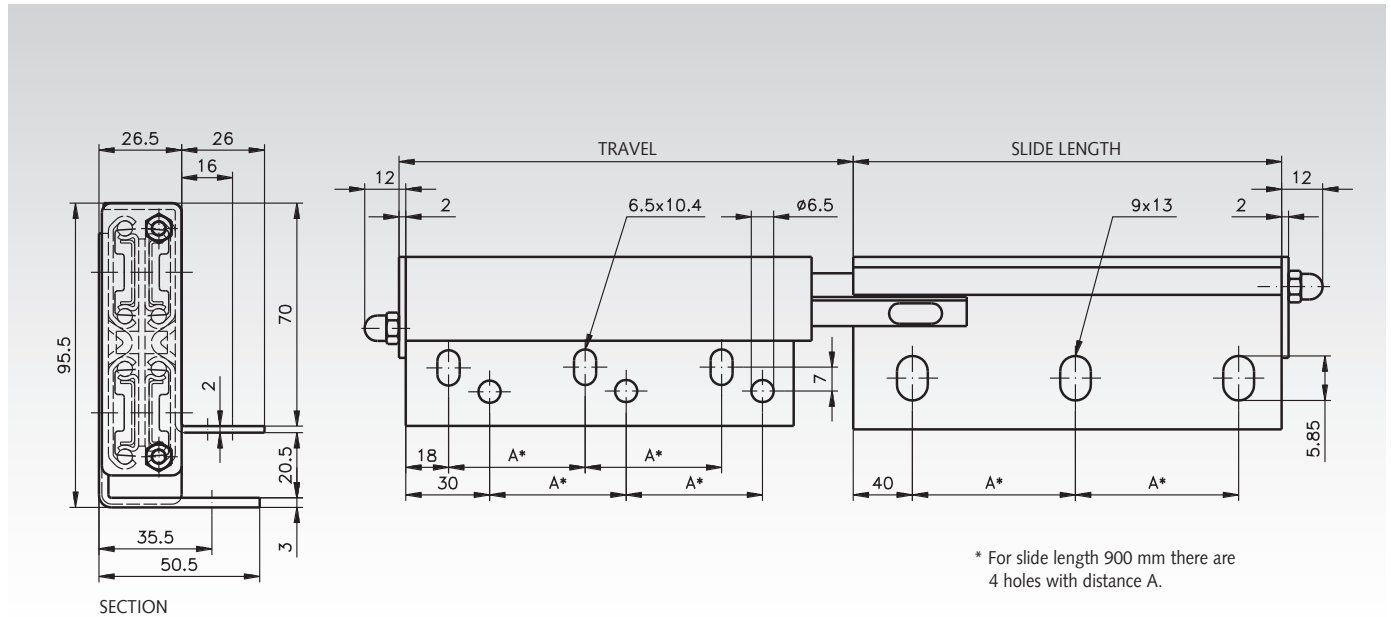
Telescopic ball bearing slides for applications in the industrial and electronics sector.

- Heavy-duty construction.
- Shock blocks offering protection against shock and vibration.
- Protective shroud prevents excessive contamination of the ball tracks.
- Mounting plates on inner and outer members.
- Service life 10,000 cycles (to 140 kg up to 40,000 cycles).



Accuride

Ordering details: e.g.: Prod. No. 649 058 59, Slides DZ 0522



Product No. per Pair	Slide Length mm	Travel +/-3.2 mm	A mm	Overall Length mm	Load Rating per Pair kg	Weight per Pair kg
649 058 59	457	534	194,0	481	180	9,74
649 058 61	600	625	265,0	624	180	12,68
649 058 62	900	907	276,5	924	150	19,24

Note

Recommended mount: M6 screws on the inner, extending member, M8 screws on the outer fixed member.
Use all mounting positions to achieve the max. load rating.
The cabinet and drawer must be designed to minimise any deflection and torsion of the slide.

Overall length = slide length + 24 mm.

Selection Tool
on the Internet at www.maedler.de
in the section **MÄDLER®-Tools**

Clip-On Brackets and Bracket Accessory Kits for Slides

Pairs of Clip-On Brackets DZ 633 for Slides 2109, 2132, 3732 and 3832

Material:

Steel, bright zinc plated.

Can be used for:

Type DZ 2109 (page 773).

Type DZ 2132 (page 777).

Type DZ 3732 (page 783).

Type DZ 3832 (page 784).

Type DZ 3832 DO (page 788).

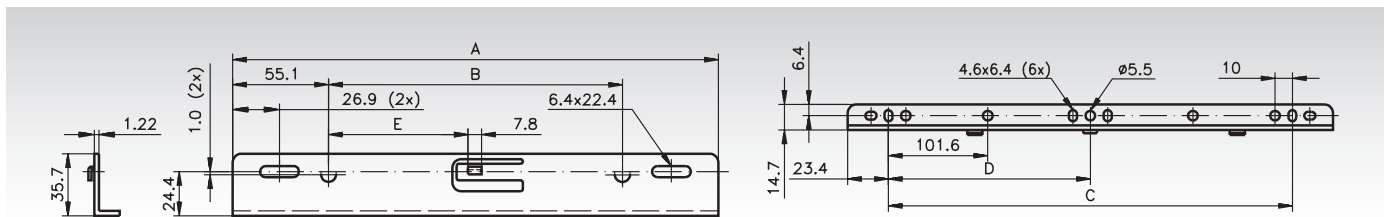
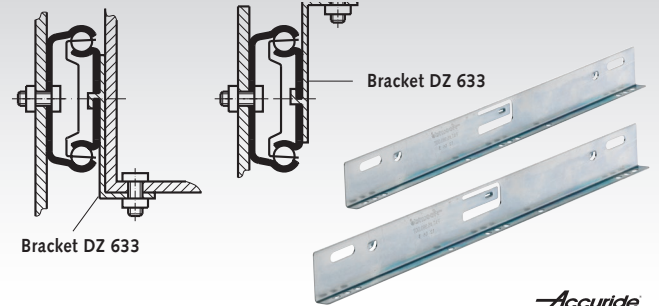
Type DZ 3832 SC (page 787).

Per pair of slides, one pair of clip-on brackets is required.

Recommended mounts: M4 screw.

Ordering details: e.g.: Prod. No. 649 020 35, 1 Pair of Clip-On Brackets DZ 633, Zinc Plated, 346.7 mm long

Monting Examples



Product No. Pair of Brackets DZ-zinc bright	can be used for Type 2109/2132 with slide length	can be used for Types 3732/3832 with slide length	A mm	B mm	C mm	D mm	E mm	Weight per Pair kg
649 020 35	-	350	346,7	236,5	300	150	114,4	0,34
649 020 40	400	400	396,7	286,6	350	175	139,4	0,38
649 020 45	450/600/650/700	450	446,8	336,6	400	200	164,4	0,42
649 020 50	500	500	496,8	386,6	450	225	189,4	0,48
649 020 55	550	550/600/650/700	546,8	436,6	500	250	214,4	0,52

Bracket Accessory Kits DZ 634 for Slides 9301 and 9308

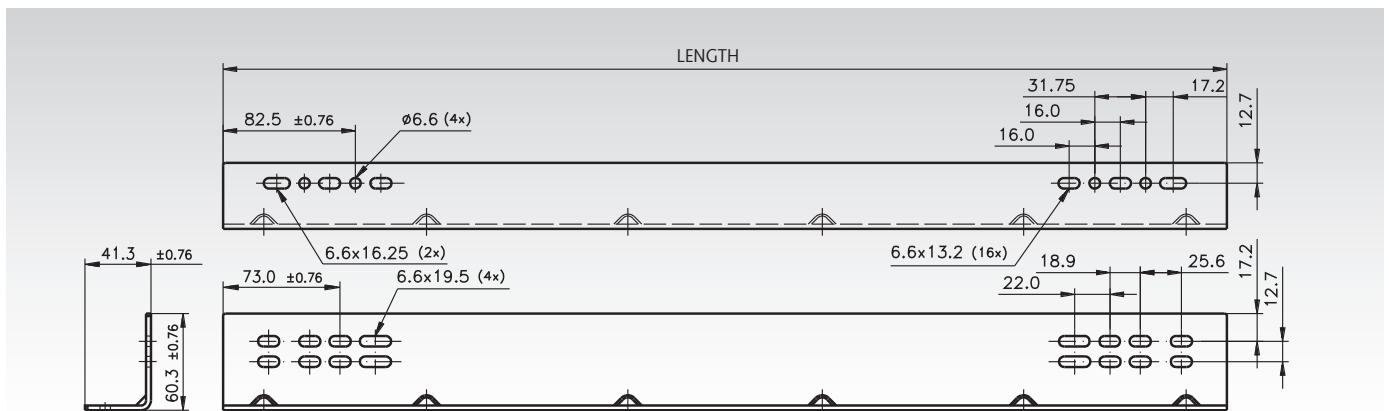
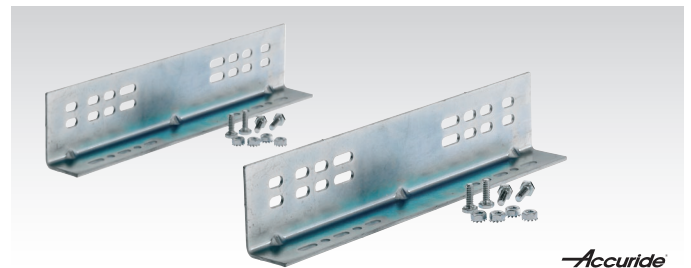
Material: Steel, bright zinc plated.

Each kit comprises: 2 brackets and 4 hexagon screws 6.35 mm with washers and nuts.

Bracket accessory kits for side or bottom mounting (examples and amount of bracket accessory kits required see selection table page 809).

Can be used for: Type DZ 9301 (page 804) and Type DZ 9308 (page 805).

Ordering details: e.g.: Prod. No. 649 056 12, Bracket Kit DZ 634, 305 mm long



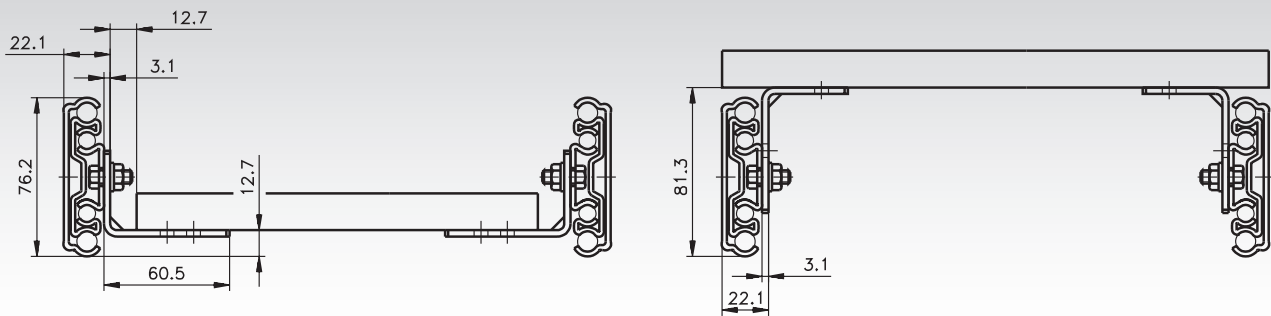
Product No. Kit*	Length mm	Width mm	Height mm	Weight kg	Product No. Kit*	Length mm	Width mm	Height mm	Weight kg
649 056 12	305	41,3	60,3	1,3	649 056 22	559	41,3	60,3	2,4
649 056 16	406	41,3	60,3	1,7	649 056 28	711	41,3	60,3	3,1

* Amount of kits required for each pair of slides see selection table page 809.

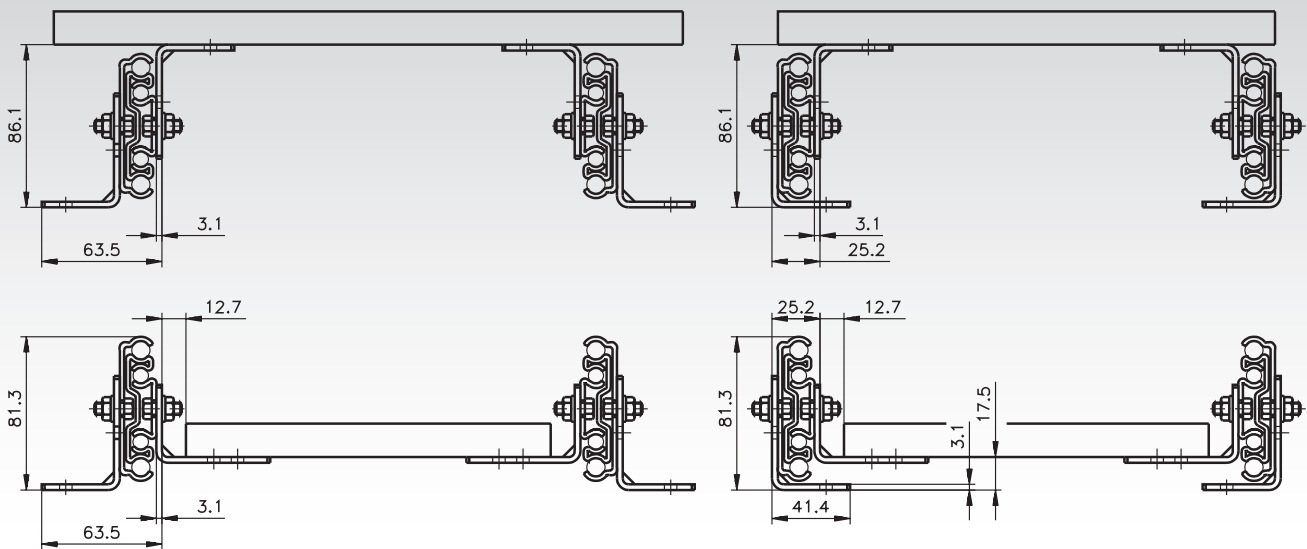
Bracket Accessory Kits DZ 634: Mounting Examples and Selection Table

For bracket accessory kits DZ 634 (page 808) with slides DZ 9301 (page 804) or DZ 9308 (page 805).

Examples Side Mounting



Examples Bottom Mounting



Selection Table

Pair of Slides DZ 9301	Pair of Slides DZ 9308 left / right	Slide Length mm	Side Mounting Required Bracket Kits, Amount and Product No.	Bottom Mounting Required Bracket Kits, Amount and Product No.
649 050 12	649 052 12 / 649 054 12	304,8	1 x 649 056 12	2 x 649 056 12
649 050 14	649 052 14 / 649 054 14	355,6	1 x 649 056 12	2 x 649 056 12
649 050 16	649 052 16 / 649 054 16	406,4	1 x 649 056 16	2 x 649 056 16
649 050 18	649 052 18 / 649 054 18	457,2	1 x 649 056 16	2 x 649 056 16
649 050 20	649 052 20 / 649 054 20	508,0	1 x 649 056 16	2 x 649 056 16
649 050 22	649 052 22 / 649 054 22	558,8	1 x 649 056 22	2 x 649 056 22
649 050 24	649 052 24 / 649 054 24	609,6	1 x 649 056 22	2 x 649 056 22
649 050 26	649 052 26 / 649 054 26	660,4	1 x 649 056 22	2 x 649 056 22
649 050 28	649 052 28 / 649 054 28	711,2	1 x 649 056 28	2 x 649 056 28
649 050 30	649 052 30 / 649 054 30	762,0	1 x 649 056 28	2 x 649 056 28
649 050 32	649 052 32 / 649 054 32	812,8	1 x 649 056 28	2 x 649 056 28
649 050 34	649 052 34 / 649 054 34	863,6	2 x 649 056 12	4 x 649 056 12
649 050 36	649 052 36 / 649 054 36	914,4	2 x 649 056 12	4 x 649 056 12
649 050 40	649 052 40 / 649 054 40	1016,0	1 x 649 056 12 & 1 x 649 056 22	2 x 649 056 12 & 2 x 649 056 22
649 050 42	649 052 42 / 649 054 42	1066,8	1 x 649 056 12 & 1 x 649 056 22	2 x 649 056 12 & 2 x 649 056 22
649 050 48	649 052 48 / 649 054 48	1219,2	1 x 649 056 12 & 1 x 649 056 28	2 x 649 056 12 & 2 x 649 056 28
649 050 60	649 052 60 / 649 054 60	1524,0	1 x 649 056 22 & 1 x 649 056 28	2 x 649 056 22 & 2 x 649 056 28

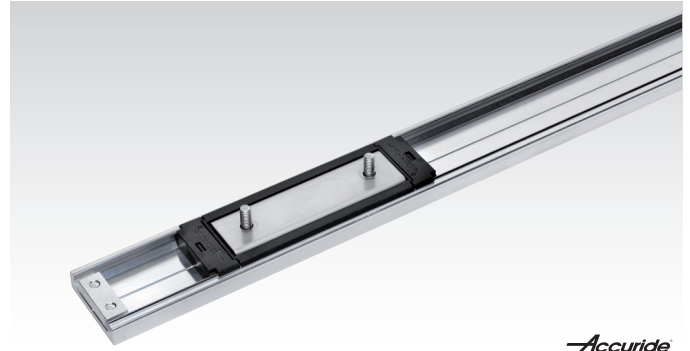
Linear Motion Guide DA 0115 RC with Ball Carriage

Material: Track made from aluminium.
Carriage: Stainless steel housing with plastic sealings.
 On choice: With stainless steel balls (greased) or polymer balls (grease free).

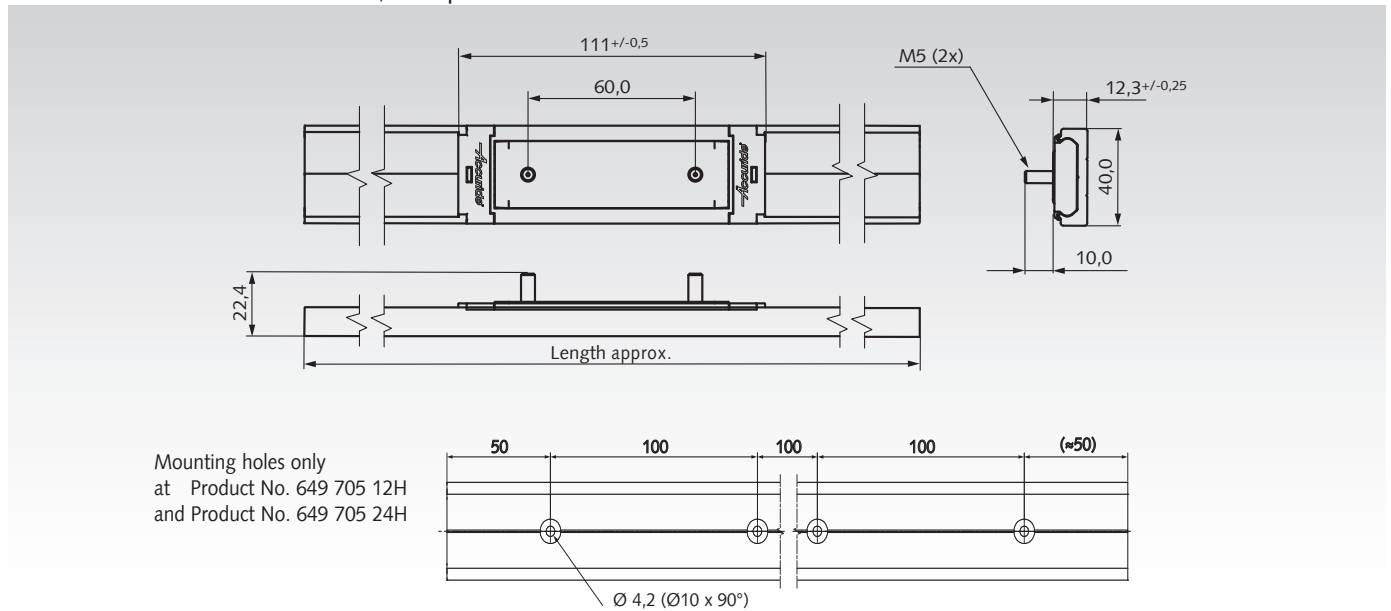
Linear guide for universal use.

- Two track lengths on choice (for to cut by the customer).
- Without bore holes, or with mounting holes.
- Several carriages can be used on one track.
- Resistant against corrosion and dirt.
- All parts have to be ordered seperately.
- Long service life, tested to 80,000 meters of travel distance.

Ordering details: e.g.: 1x Prod. No. 649 705 01, Carriage,
 1x Prod. No. 649 705 12H, Track 1200mm with Mounting Holes,
 2x Prod. No. 649 705 03, End Stop



Accuride



Mounting holes only
 at Product No. 649 705 12H
 and Product No. 649 705 24H

Product No.	Product	Load ratings in kg depending on mounting position and number of carriages									Weight g
		vertically mounted			horizontally mounted, lying			horizontally mounted, hanging			
		1 Carriage	2 Carri.	3 Carri.	1 Carriage	2 Carri.	3 Carri.	1 Carriage	2 Carri.	3 Carri.	
649 705 01	Carriage with stainless steel balls	50	90	130	30	55	70	40	70	90	120
649 705 02	Carriage with polymer balls	30	54	75	18	32	42	24	42	54	85
649 705 12	Track, length 1200mm										635
649 705 12H	Track, length 1200mm with holes										635
649 705 24	Track, length 2400mm										1270
649 705 24H	Track, length 2400mm with holes										1270
649 705 03*	End Stop (1 piece)*										15

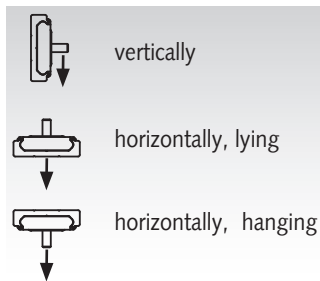
* Depending on the application, 2 pieces may be required. 2 screws included.



Carriage (with mounting aid) and End Stops have to be ordered seperately.



Track lengths 1.2 or 2.4m (to be cut by the customer).



The load ratings depend on the mounting position (see table).



Drilling jig: to drill pinholes for permanent pinned connection of tracks.

Note

Not recommended for high torque applicatins.
 Fix track on a rigid and levelm surface. Fixing recommendation:
 M4 countersunk screw or 4mm countersunk wood screw.
 Drill countersunk holes in the middle of track, hole distance from
 100mm up to 200mm, depending on mounting position and load.

Push the carriages with the mounting aid carefully onto the track.
 Distribute weight evenly across carriages. Infinte track lengths
 possible. Butt tracks end to end and align the centre lines. For
 permanent pinned connection, use drilling jig (on request) for
 3mm pins