



<b>Content (sorted numerically)</b>	<b>Page</b>
General description.....	579
Selection table.....	580
Linear motion guide DFG 115 .....	632
Linear motion guide DA 0115 RC.....	633
Linear motion guide DA 0116 RC.....	634
Slides DZ 0201 .....	584
Slides DZ 0204 .....	587
Slides DZ 0301 .....	610
Slides DS / DZ 0305 .....	611
Slides DS 0330 .....	612
Slides DZ 0522 .....	623
Slides DZ 2002 .....	582
Slides DZ 2026 .....	585
Slides DS 2028 .....	588
Slides DZ 2109 .....	583
Slides DB / DZ 2132 .....	586
Slides DZ 2431 .....	590
Slides DZ 2601 .....	594
Slides DZ 2642 .....	595
Slides DZ 2720 .....	581
Slides DZ 2730 .....	591
Slides DZ 2731 CL .....	592
Slides DZ 2907 .....	604
Slides DS 3031 .....	613
Slides DZ 3301 .....	605
Slides DZ 3307 .....	606
Slides DZ 3308 .....	607
Slides DS 3557 .....	614
Slides DZ 3607 .....	619
Slides DZ 3630 .....	596
Slides DZ 3732 .....	593
Slides DH 3832.....	599
Slides DZ 3832 .....	600
Slides DZ 3832 DO .....	601
Slides DZ 3832 EC-B .....	597
Slides DZ 3832 SC .....	602
Slides DZ 3832 TR .....	598
Slides DZ 3932 .....	608
Slides DZ 3932 EC .....	609
Slides Type DA 4120 .....	589
Slides Type DA 4160 .....	628

<b>Content (sorted numerically)</b>	<b>Page</b>
Slides DA 4165 .....	627
Slides DZ 4180 .....	629
Slides DA 5321 .....	603
Slides DS / DZ 5321 .....	622
Slides DZ 5321 EC .....	617
Slides DZ 5321 SC .....	620
Slides DS 5322 .....	618
Slides DS 5334 .....	615
Slides DZ 5417 .....	616
Slides DZ 7957 .....	621
Slides DP 9301 E .....	625
Slides DZ 9301 E .....	626
Slides DZ 9308 .....	624
Brackets DZ 633 .....	630
Bracket Kits Type DZ 634 .....	631

**Selection Tool**  
on the Internet at  
[www.maedler.de](http://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

<b>Slide elements:</b>	Cold-rolled steel, in part stainless steel 1.4301.
<b>Ball retainers:</b>	Pre-plated cold-rolled steel, in part stainless steel or plastic.
<b>Balls:</b>	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: see corres. catalog page.

### Surface Protection

Zinc-plated, bright, some parts passivated black. Painted white on request. 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 580 considering the following criteria:

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

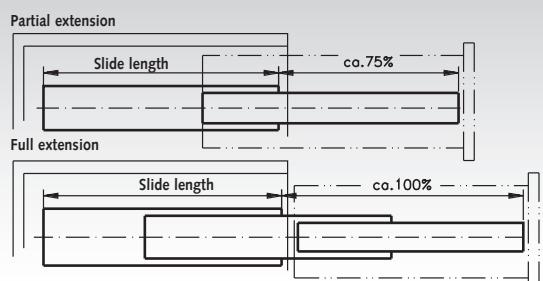
An optimum sliding action is achieved under load. The slides should therefore never be heavily over-dimensioned.

### 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.



### 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-E 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.

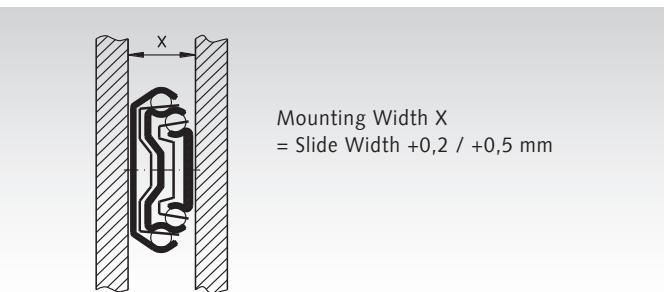
### Load Bearing Capacity

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.



## Slides Selection Table

The slides in the table are sorted as follows: 1. According to the extension type: Partial or full extension (100%) / over extension (>100%).  
2. Within the extension type: according to load rating, from low to high.

Slide Type	Travel	Load kg	Width x Height mm	Fast Disconnect	Hold In	Hold Out	Locking 1)	Self Closure	Optional Mounting Brackets	Surface Finish or Material	Page
DZ 2720	Partial	20	9,5 x 27,14							zinc-plated	581
DZ 2002	Partial 2)	35	9,5 x 35,1		X					zinc-plated	582
DZ 2109	Partial	35	12,7 x 34,8	X	X	X			X	zinc-plated	583
DZ 0201	Partial	50	9,5 x 35,3							zinc-plated	584
DZ 2026	Partial 2)	50	9,5 x 35,3			X				zinc-plated	585
DB 2132	Partial	50	12,7 x 35,0	X	X				X	black zinc-plated	586
DZ 2132	Partial	50	12,7 x 35,0	X	X				X	zinc-plated	586
DZ 0204	Partial	65	9,5 x 35,3	X			A			zinc-plated	587
DS 2028	Partial	65	9,5 x 35,3		X					stainless steel STAINLESS	588
DA 4120	Partial	550	36 x 80,0							aluminium	589
DZ 2431	100%	20	16,0 x 20,0							zinc-plated	590
DZ 2730	100%	30	19,0 x 27,1							zinc-plated	591
DZ 2731CL	100%	30	19,1 x 27,0				E			zinc-plated	592
DZ 3732	100%	40	12,7 x 37,0	X	X				X	zinc-plated	593
DZ 2601	100%	45	12,7 x 26,3		X					zinc-plated	594
DZ 2642	100%	45	12,7 x 26,3		X					zinc-plated	595
DZ 3630	100% 4)	45	21,6 x 36,4		X					zinc-plated	596
DZ 3832EC-B	100%	45	12,7 x 45,7	X	X			X		zinc-plated	597
DZ 3832TR	100%	45	12,7 x 45,7	X	TR 3)					zinc-plated	598
DH 3832	100%	50	12,7 x 45,7	X	X					zinc-plated	599
DZ 3832	100%	50	12,7 x 45,7	X	X				X	zinc-plated	600
DZ 3832DO	100%	50	12,7 x 45,7	X	X	X			X	zinc-plated	601
DZ 3832SC	100%	50	12,7 x 45,7	X	X			X	X	zinc-plated	602
DA 5321	>100%	50	19,1 x 53,1		X					aluminium	603
DZ 2907	>100%	55	9,6 x 41,0	X			A			zinc-plated	604
DZ 3301	>100%	68	12,7 x 50,8		X					zinc-plated	605
DZ 3307	>100%	68	12,7 x 50,8	X			A			zinc-plated	606
DZ 3308	>100%	68	12,7 x 50,8	X			E / A			zinc-plated	607
DZ 3932	100%	68	12,7 x 51,0	X	X					zinc-plated	608
DZ 3932EC	100%	68	12,7 x 51,0	X	X			X		zinc-plated	609
DZ 0301	>100%	70	19,1 x 35,3							zinc-plated	610
DS 0305	>100%	70	19,1 x 35,3	X			A			stainless steel STAINLESS	611
DZ 0305	>100%	70	19,1 x 35,5	X			A			zinc-plated	611
DS 0330	100%	80	19,1 x 35,0		X					stainless steel STAINLESS	612
DS 3031	>100%	80	19,1 x 35,3							stainless steel STAINLESS	613
DS 3557	>100%	90	12,7 x 51,6	X			A			stainless steel STAINLESS	614
DS 5334	>100%	90	19,1 x 53,0	X					X	stainless steel STAINLESS	615
DZ 5417	>100%	100	17,5 x 54,0		X					zinc-plated	616
DZ 5321EC	100%	100	19,1 x 53,1					X	X	zinc-plated	617
DS 5322	>100%	120	20,7 x 53,1		X					stainless steel STAINLESS	618
DZ 3607	>100%	120	19,1 x 53,1	X			A			zinc-plated	619
DZ 5321SC	>100%	120	19,1 x 53,1		X			X		zinc-plated	620
DZ 7957	100%	160	19,1 x 70,8	X					X	zinc-plated	621
DZ 5321	>100%	170	19,1 x 53,1		X					zinc-plated	622
DS 5321	>100%	170	19,1 x 53,1		X					stainless steel STAINLESS	622
DZ 0522	>100%	180	26,5 x 95,5							zinc-plated	623
DZ 9308	100%	227	19,1 x 76,2				E / A		X	zinc-plated	624
DP 9301E	100%	272	19,1 x 76,2							zinc-plated	625
DZ 9301E	100%	272	19,1 x 76,2						X	zinc-plated	626
DA 4165	100% 4)	270	26,5 x 80,0							aluminium	627
DA 4160	100%	300	26,5 x 80,0							aluminium	628
DA 4180	100%	980	35,0 x 80,0							zinc-plated	629

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).

4) Full extension in both directions.



**Other Accuride® Products on request.**

**Linear guides on page 632**