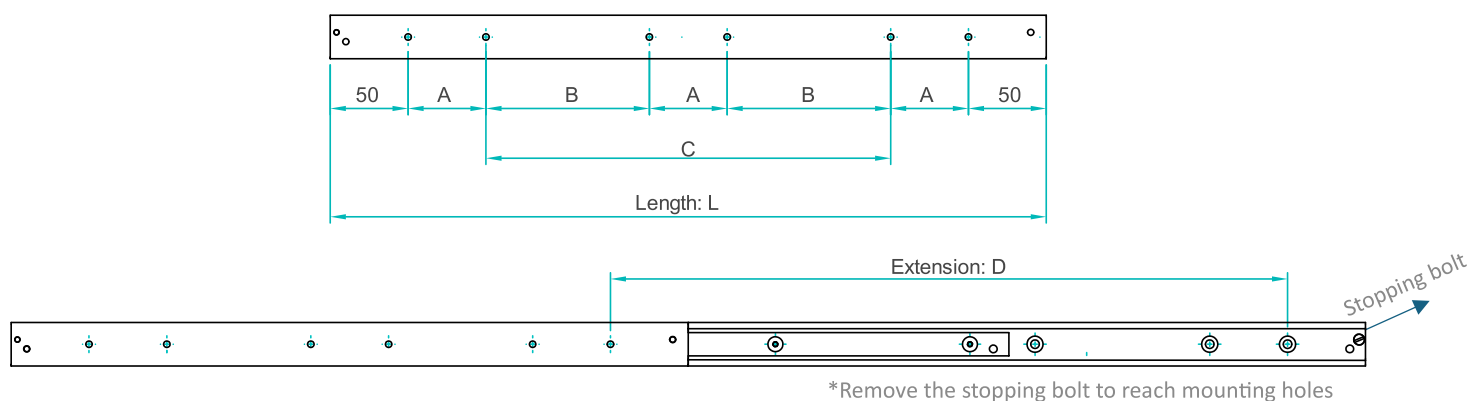
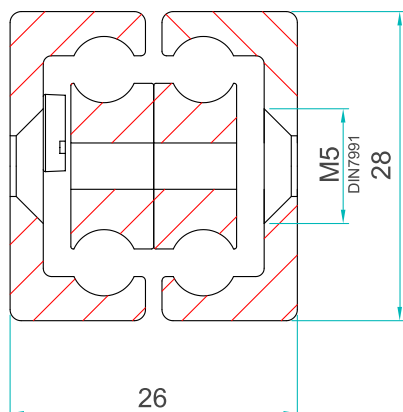




Available Options:

- * **H** – Hardened raceways
- * **V** – V-shaped channel raceways
- * **SB** – Stainless steel ball bearings
- * **SC** – Stainless steel ball cages
- * **SA** – Stainless steel stopping pins and bolts
- * **S** – Entirely manufactured in stainless steel 316L



MDOWS2826-A weighs 4.3 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
MDOWS2826-A.0200	200	200	85	50	-	-
MDOWS2826-A.0250	250	250	105	50	-	50
MDOWS2826-A.0300	300	300	135	50	-	100
MDOWS2826-A.0350	350	350	115	50	-	150
MDOWS2826-A.0400	400	400	95	50	-	200
MDOWS2826-A.0450	450	450	80	50	-	250
MDOWS2826-A.0500	500	500	75	50	-	300
MDOWS2826-A.0550	550	550	68	50	150	-
MDOWS2826-A.0600	600	600	65	50	175	-
MDOWS2826-A.0650	650	650	63	50	200	-
MDOWS2826-A.0700	700	700	60	50	225	-
MDOWS2826-A.0750	750	750	55	50	250	-
MDOWS2826-A.0800	800	800	50	50	275	-
MDOWS2826-A.0850	850	850	45	50	300	-
MDOWS2826-A.0900	900	900	43	50	325	-
MDOWS2826-A.0950	950	950	40	50	350	-
MDOWS2826-A.1000	1000	1000	38	50	375	-
MDOWS2826-A.1050	1050	1050	36	50	400	-
MDOWS2826-A.1100	1100	1100	35	50	425	-
MDOWS2826-A.1150	1150	1150	34	50	450	-
MDOWS2826-A.1200	1200	1200	33	50	475	-

Installation Tolerances

Parameter	Tolerance
Closed Length	DIN 2768-c
Extension	DIN 2768-c
Installation Width	+0.4 mm / -0.6 mm

Indirect Axis (Flat) Mounting: When mounting as shown in the image above, reduce the load capacity by approximately 60–80% and account for increased deflection. For precise calculations, please contact our engineering team to request a detailed FEA load analysis tailored for OEM projects. Our standard load ratings are based on fully extended pairs of slides positioned upright (direct axis), uniformly loaded across beams spaced 1,000 mm apart. If higher load capacities are required or slides are intended for extra-wide drawers, please consult our technical support team for further guidance.

Hardened Raceway Option: Our raceways can be accurately hardened through an advanced laser process, achieving a hardness rating of 58–62 HRC without extending production lead times. This process significantly enhances tensile strength, reduces friction coefficients, minimizes operational forces, and greatly increases lifecycle performance. Load capacities for slide lengths under 700 mm show marginal improvements. Recommended operational speeds also increase to 0.6 m/s. Under standard conditions, a non-hardened Professional Range steel slide typically achieves approximately 100,000 cycles at 75% load capacity, provided correct installation, appropriate operational speeds, optimal environmental conditions, and adherence to recommended maintenance schedules are maintained (refer to the Technical Maintenance Document for additional information). Hardening the raceways to 58–62 HRC and utilizing chromed steel ball bearings substantially reduces wear and significantly extends service life. With proper maintenance and operational standards, life expectancy can exceed 500,000 cycles. While our engineers can assist OEM design programs with comprehensive FEA analysis, we highly recommend conducting in situ testing within your production facility before finalizing your design for manufacturing.

Material: All steel components.

Beams: Cold-drawn carbon steel C45E+C (EN 10277), featuring precision-milled raceways.

Ball Cages: Zinc-plated steel sheet, laser-cut profiles.

Ball Bearings: C85, G100 according to DIN 5401 standards (chromed).

End Bolts: ASTM A307 compliant.

Surface Protection: Electrolytic alkaline zinc coating (10–12 microns), compliant with DIN EN ISO 9227 neutral salt spray testing—no white rust appearance within 250 hours and no red rust appearance within 1,100 hours.

Temperature Range: Suitable for temperatures from -20°C to +250°C, provided proper lubricants are applied and beams are mounted freely to accommodate thermal expansion.

Lubrication: We apply and recommend lithium-based EP3 grease for standard applications. Special high- or low-temperature greases are available upon request.

Clean Room Requirements: Slides can be delivered unlubricated, allowing customers to perform sterilization and apply specialized greases post-production.

Thread Pitches: Coarse, as specified in the end profile image.

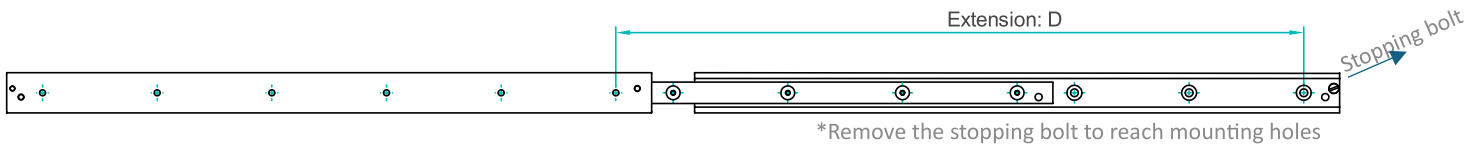
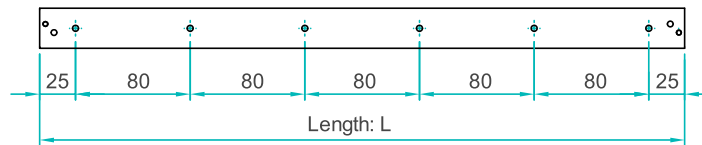


Important Safety Notice

Do not disassemble the slide!

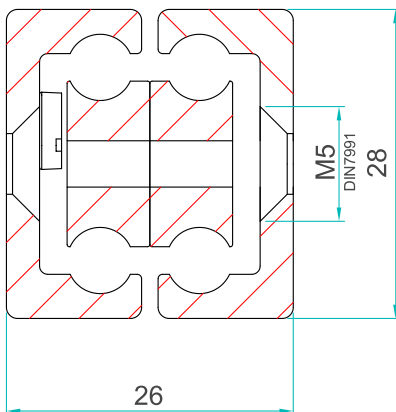
The stated maximum safe working load applies to a fully extended pair of slides mounted in the upright position. Ensure all provided fixing holes are utilized, and distribute the load evenly along the inner beam. Slide deflection is calculated at a maximum of 2% of the slide's closed length when operating at or near full load capacity.





Available Options:

- * H – Hardened raceways
- * V – V-shaped channel raceways
- * SB – Stainless steel ball bearings
- * SC – Stainless steel ball cages
- * SA – Stainless steel stopping pins and bolts
- * S – Entirely manufactured in stainless steel 316L



MDOWS2826 - B weighs 4.3 kg/m				No. of holes
Article number	Installation length: L	Extension length: D	Load per pair: kg	
MDOWS2826-B.0130	130	147	55	2
MDOWS2826-B.0210	210	231	90	3
MDOWS2826-B.0290	290	295	130	4
MDOWS2826-B.0370	370	291	100	5
MDOWS2826-B.0450	450	465	80	6
MDOWS2826-B.0530	530	549	70	7
MDOWS2826-B.0610	610	632	60	8
MDOWS2826-B.0690	690	718	55	9
MDOWS2826-B.0770	770	800	50	10
MDOWS2826-B.0850	850	865	45	11
MDOWS2826-B.0930	930	952	40	12
MDOWS2826-B.1010	1010	1035	38	13
MDOWS2826-B.1090	1090	1120	35	14
MDOWS2826-B.1170	1170	1200	33	15

Installation Tolerances

Parameter	Tolerance
Closed Length	DIN 2768-c
Extension	DIN 2768-c
Installation Width	+0.4 mm / -0.6 mm

Indirect Axis (Flat) Mounting: When mounting as shown in the image above, reduce the load capacity by approximately 60–80% and account for increased deflection. For precise calculations, please contact our engineering team to request a detailed FEA load analysis tailored for OEM projects. Our standard load ratings are based on fully extended pairs of slides positioned upright (direct axis), uniformly loaded across beams spaced 1,000 mm apart. If higher load capacities are required or slides are intended for extra-wide drawers, please consult our technical support team for further guidance.

Hardened Raceway Option: Our raceways can be accurately hardened through an advanced laser process, achieving a hardness rating of 58–62 HRC without extending production lead times. This process significantly enhances tensile strength, reduces friction coefficients, minimizes operational forces, and greatly increases lifecycle performance. Load capacities for slide lengths under 700 mm show marginal improvements. Recommended operational speeds also increase to 0.6 m/s. Under standard conditions, a non-hardened Professional Range steel slide typically achieves approximately 100,000 cycles at 75% load capacity, provided correct installation, appropriate operational speeds, optimal environmental conditions, and adherence to recommended maintenance schedules are maintained (refer to the Technical Maintenance Document for additional information). Hardening the raceways to 58–62 HRC and utilizing chromed steel ball bearings substantially reduces wear and significantly extends service life. With proper maintenance and operational standards, life expectancy can exceed 500,000 cycles. While our engineers can assist OEM design programs with comprehensive FEA analysis, we highly recommend conducting in situ testing within your production facility before finalizing your design for manufacturing.

Material: All steel components.

Beams: Cold-drawn carbon steel C45E+C (EN 10277), featuring precision-milled raceways.

Ball Cages: Zinc-plated steel sheet, laser-cut profiles.

Ball Bearings: C85, G100 according to DIN 5401 standards (chromed).

End Bolts: ASTM A307 compliant.

Surface Protection: Electrolytic alkaline zinc coating (10–12 microns), compliant with DIN EN ISO 9227 neutral salt spray testing—no white rust appearance within 250 hours and no red rust appearance within 1,100 hours.

Temperature Range: Suitable for temperatures from -20°C to +250°C, provided proper lubricants are applied and beams are mounted freely to accommodate thermal expansion.

Lubrication: We apply and recommend lithium-based EP3 grease for standard applications. Special high- or low-temperature greases are available upon request.

Clean Room Requirements: Slides can be delivered unlubricated, allowing customers to perform sterilization and apply specialized greases post-production.

Thread Pitches: Coarse, as specified in the end profile image.

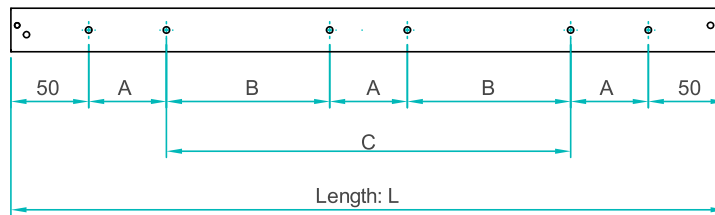


Important Safety Notice

Do not disassemble the slide!

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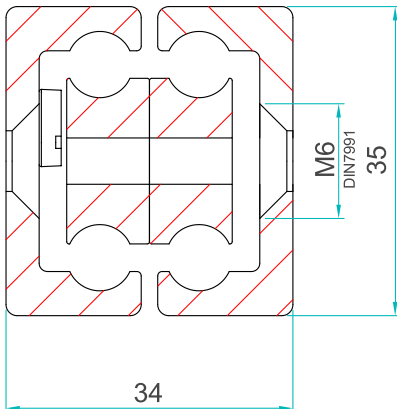




*Remove the stopping bolt to reach mounting holes

Available Options:

- * **H** – Hardened raceways
- * **V** – V-shaped channel raceways
- * **SB** – Stainless steel ball bearings
- * **SC** – Stainless steel ball cages
- * **SA** – Stainless steel stopping pins and bolts
- * **S** – Entirely manufactured in stainless steel 316L



MDOWS3534-A weighs 6.8 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
MDOWS3534-A.0200	200	200	80	50	-	-
MDOWS3534-A.0250	250	250	120	50	-	50
MDOWS3534-A.0300	300	300	135	50	-	100
MDOWS3534-A.0350	350	350	110	50	-	150
MDOWS3534-A.0400	400	400	100	50	-	200
MDOWS3534-A.0450	450	450	90	50	-	250
MDOWS3534-A.0500	500	500	88	50	-	300
MDOWS3534-A.0550	550	550	84	50	150	-
MDOWS3534-A.0600	600	600	82	50	175	-
MDOWS3534-A.0650	650	650	78	50	200	-
MDOWS3534-A.0700	700	700	75	50	225	-
MDOWS3534-A.0750	750	750	73	50	250	-
MDOWS3534-A.0800	800	800	78	50	275	-
MDOWS3534-A.0850	850	850	65	50	300	-
MDOWS3534-A.0900	900	900	63	50	325	-
MDOWS3534-A.0950	950	950	60	50	350	-
MDOWS3534-A.1000	1000	1000	56	50	375	-
MDOWS3534-A.1050	1050	1050	50	50	400	-
MDOWS3534-A.1100	1100	1100	48	50	425	-
MDOWS3534-A.1150	1150	1150	46	50	450	-
MDOWS3534-A.1200	1200	1200	43	50	475	-

MDOWS3534-A weighs 6.8 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
MDOWS3534-A.01250	1250	1250	40	50	500	-
MDOWS3534-A.01300	1300	1300	38	50	525	-
MDOWS3534-A.01350	1350	1350	34	50	550	-
MDOWS3534-A.01400	1400	1400	33	50	575	-
MDOWS3534-A.01450	1450	1450	32	50	600	-
MDOWS3534-A.01500	1500	1500	28	50	625	-
MDOWS3534-A.01550	1550	1550	25	50	650	-
MDOWS3534-A.01600	1600	1600	22	50	675	-

Installation Tolerances

Parameter	Tolerance
Closed Length	DIN 2768-c
Extension	DIN 2768-c
Installation Width	+0.4 mm / -0.6 mm

Indirect Axis (Flat) Mounting: When mounting as shown in the image above, reduce the load capacity by approximately 60–80% and account for increased deflection. For precise calculations, please contact our engineering team to request a detailed FEA load analysis tailored for OEM projects. Our standard load ratings are based on fully extended pairs of slides positioned upright (direct axis), uniformly loaded across beams spaced 1,000 mm apart. If higher load capacities are required or slides are intended for extra-wide drawers, please consult our technical support team for further guidance.

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Material: All steel components.

Beams: Cold-drawn carbon steel C45E+C (EN 10277), featuring precision-milled raceways.

Ball Cages: Zinc-plated steel sheet, laser-cut profiles.

Ball Bearings: C85, G100 according to DIN 5401 standards (chromed).

End Bolts: ASTM A307 compliant.

Surface Protection: Electrolytic alkaline zinc coating (10–12 microns), compliant with DIN EN ISO 9227 neutral salt spray testing—no white rust appearance within 250 hours and no red rust appearance within 1,100 hours.

Temperature Range: Suitable for temperatures from -20°C to +250°C, provided proper lubricants are applied and beams are mounted freely to accommodate thermal expansion.

Lubrication: We apply and recommend lithium-based EP3 grease for standard applications. Special high- or low-temperature greases are available upon request.

Clean Room Requirements: Slides can be delivered unlubricated, allowing customers to perform sterilization and apply specialized greases post-production.

Thread Pitches: Coarse, as specified in the end profile image.

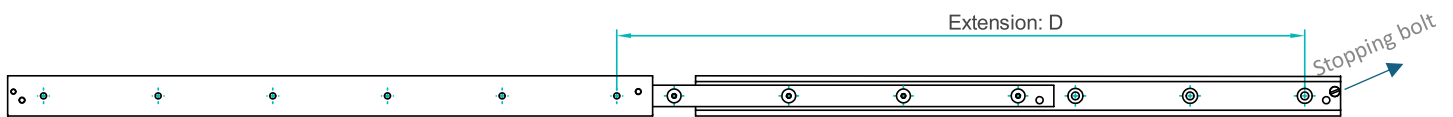
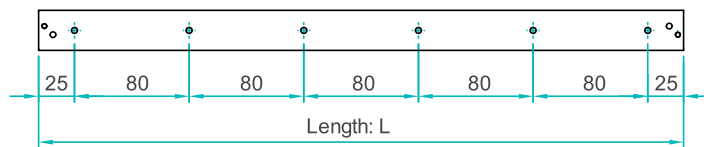


Important Safety Notice

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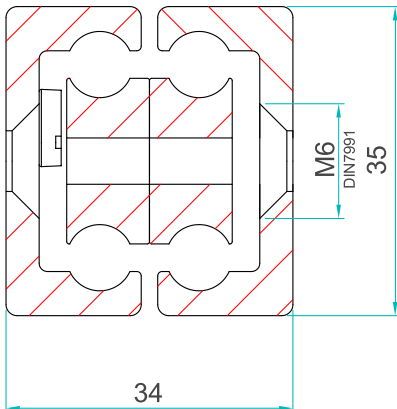




*Remove the stopping bolt to reach mounting holes

Available Options:

- * **H** – Hardened raceways
- * **V** – V-shaped channel raceways
- * **SB** – Stainless steel ball bearings
- * **SC** – Stainless steel ball cages
- * **SA** – Stainless steel stopping pins and bolts
- * **S** – Entirely manufactured in stainless steel 316L



MDOWS3534-B weighs 6.8 kg/m

Article number	Installation length: L	Extension length: D	Load per pair: kg	No. of holes
MDOWS3534-B.0210	210	255	85	3
MDOWS3534-B.0290	290	320	130	4
MDOWS3534-B.0370	370	405	110	5
MDOWS3534-B.0450	450	495	90	6
MDOWS3534-B.0530	530	558	85	7
MDOWS3534-B.0610	610	645	80	8
MDOWS3534-B.0690	690	735	75	9
MDOWS3534-B.0770	770	798	70	10
MDOWS3534-B.0850	850	888	65	11
MDOWS3534-B.0930	930	975	60	12
MDOWS3534-B.1010	1010	1040	55	13
MDOWS3534-B.1090	1090	1125	50	14
MDOWS3534-B.1170	1170	1215	45	15
MDOWS3534-B.1250	1250	1276	40	16
MDOWS3534-B.1330	1330	1365	35	17
MDOWS3534-B.1410	1410	1455	33	18
MDOWS3534-B.1490	1490	1516	30	19

Installation Tolerances

Parameter	Tolerance
Closed Length	DIN 2768-c
Extension	DIN 2768-c
Installation Width	+0.4 mm / -0.6 mm

Indirect Axis (Flat) Mounting: When mounting as shown in the image above, reduce the load capacity by approximately 60–80% and account for increased deflection. For precise calculations, please contact our engineering team to request a detailed FEA load analysis tailored for OEM projects. Our standard load ratings are based on fully extended pairs of slides positioned upright (direct axis), uniformly loaded across beams spaced 1,000 mm apart. If higher load capacities are required or slides are intended for extra-wide drawers, please consult our technical support team for further guidance.

Hardened Raceway Option: Our raceways can be accurately hardened through an advanced laser process, achieving a hardness rating of 58–62 HRC without extending production lead times. This process significantly enhances tensile strength, reduces friction coefficients, minimizes operational forces, and greatly increases lifecycle performance. Load capacities for slide lengths under 700 mm show marginal improvements. Recommended operational speeds also increase to 0.6 m/s. Under standard conditions, a non-hardened Professional Range steel slide typically achieves approximately 100,000 cycles at 75% load capacity, provided correct installation, appropriate operational speeds, optimal environmental conditions, and adherence to recommended maintenance schedules are maintained (refer to the Technical Maintenance Document for additional information). Hardening the raceways to 58–62 HRC and utilizing chromed steel ball bearings substantially reduces wear and significantly extends service life. With proper maintenance and operational standards, life expectancy can exceed 500,000 cycles. While our engineers can assist OEM design programs with comprehensive FEA analysis, we highly recommend conducting in situ testing within your production facility before finalizing your design for manufacturing.

Material: All steel components.

Beams: Cold-drawn carbon steel C45E+C (EN 10277), featuring precision-milled raceways.

Ball Cages: Zinc-plated steel sheet, laser-cut profiles.

Ball Bearings: C85, G100 according to DIN 5401 standards (chromed).

End Bolts: ASTM A307 compliant.

Surface Protection: Electrolytic alkaline zinc coating (10–12 microns), compliant with DIN EN ISO 9227 neutral salt spray testing—no white rust appearance within 250 hours and no red rust appearance within 1,100 hours.

Temperature Range: Suitable for temperatures from -20°C to +250°C, provided proper lubricants are applied and beams are mounted freely to accommodate thermal expansion.

Lubrication: We apply and recommend lithium-based EP3 grease for standard applications. Special high- or low-temperature greases are available upon request.

Clean Room Requirements: Slides can be delivered unlubricated, allowing customers to perform sterilization and apply specialized greases post-production.

Thread Pitches: Coarse, as specified in the end profile image.

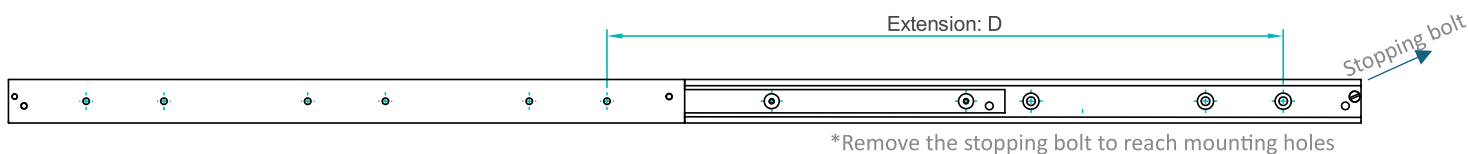
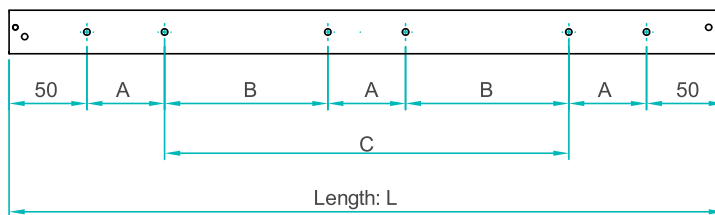


Important Safety Notice

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The stated maximum safe working load applies to a fully extended pair of slides mounted in the upright position. Ensure all provided fixing holes are utilized, and distribute the load evenly along the inner beam. Slide deflection is calculated at a maximum of 2% of the slide's closed length when operating at or near full load capacity.

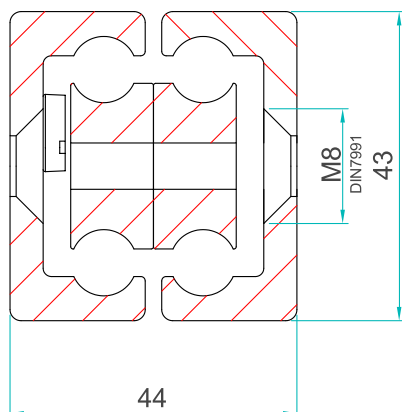




*Remove the stopping bolt to reach mounting holes

Available Options:

- * **H** – Hardened raceways
- * **V** – V-shaped channel raceways
- * **SB** – Stainless steel ball bearings
- * **SC** – Stainless steel ball cages
- * **SA** – Stainless steel stopping pins and bolts
- * **S** – Entirely manufactured in stainless steel 316L



MDOWS4344-A weighs 10.8 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
MDOWS4344-A.0200	200	200	150	50	-	-
MDOWS4344-A.0250	250	250	210	50	-	50
MDOWS4344-A.0300	300	300	240	50	-	100
MDOWS4344-A.0350	350	350	263	50	-	150
MDOWS4344-A.0400	400	400	268	50	-	200
MDOWS4344-A.0450	450	450	270	50	-	250
MDOWS4344-A.0500	500	500	260	50	-	300
MDOWS4344-A.0550	550	550	245	50	150	-
MDOWS4344-A.0600	600	600	235	50	175	-
MDOWS4344-A.0650	650	650	220	50	200	-
MDOWS4344-A.0700	700	700	208	50	225	-
MDOWS4344-A.0750	750	750	206	50	250	-
MDOWS4344-A.0800	800	800	195	50	275	-
MDOWS4344-A.0850	850	850	180	50	300	-
MDOWS4344-A.0900	900	900	175	50	325	-
MDOWS4344-A.0950	950	950	160	50	350	-
MDOWS4344-A.1000	1000	1000	150	50	375	-
MDOWS4344-A.1050	1050	1050	138	50	400	-
MDOWS4344-A.1100	1100	1100	135	50	425	-
MDOWS4344-A.1150	1150	1150	130	50	450	-
MDOWS4344-A.1200	1200	1200	120	50	475	-

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MDOWS4344-A weighs 10.8 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
MDOWS4344-A.1250	1250	1250	115	50	500	-
MDOWS4344-A.1300	1300	1300	113	50	525	-
MDOWS4344-A.1350	1350	1350	108	50	550	-
MDOWS4344-A.1400	1400	1400	105	50	575	-
MDOWS4344-A.1450	1450	1450	103	50	600	-
MDOWS4344-A.1500	1500	1500	100	50	625	-
MDOWS4344-A.1550	1550	1550	98	50	650	-
MDOWS4344-A.1600	1600	1600	95	50	675	-
MDOWS4344-A.1650	1650	1650	90	50	700	-
MDOWS4344-A.1700	1700	1700	88	100	650	-
MDOWS4344-A.1750	1750	1750	85	100	675	-
MDOWS4344-A.1800	1800	1800	83	100	700	-
MDOWS4344-A.1850	1850	1850	80	100	725	-
MDOWS4344-A.1900	1900	1900	78	100	750	-
MDOWS4344-A.1950	1950	1950	72	100	775	-
MDOWS4344-A.2000	2000	2000	60	100	800	-

Installation Tolerances

Parameter	Tolerance
Closed Length	DIN 2768—c
Extension	DIN 2768—c
Installation Width	+0.4 mm / -0.6 mm

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Material: All steel components.

Beams: Cold-drawn carbon steel C45E+C (EN 10277), featuring precision-milled raceways.

Ball Cages: Zinc-plated steel sheet, laser-cut profiles.

Ball Bearings: C85, G100 according to DIN 5401 standards (chromed).

End Bolts: ASTM A307 compliant.

Surface Protection: Electrolytic alkaline zinc coating (10–12 microns), compliant with DIN EN ISO 9227 neutral salt spray testing—no white rust appearance within 250 hours and no red rust appearance within 1,100 hours.

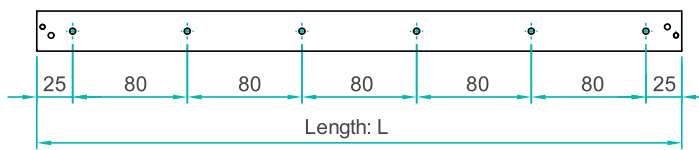
Temperature Range: Suitable for temperatures from -20°C to +250°C, provided proper lubricants are applied and beams are mounted freely to accommodate thermal expansion.

Lubrication: We apply and recommend lithium-based EP3 grease for standard applications. Special high- or low-temperature greases are available upon request.

Clean Room Requirements: Slides can be delivered unlubricated, allowing customers to perform sterilization and apply specialized greases post-production.

Thread Pitches: Coarse, as specified in the end profile image.

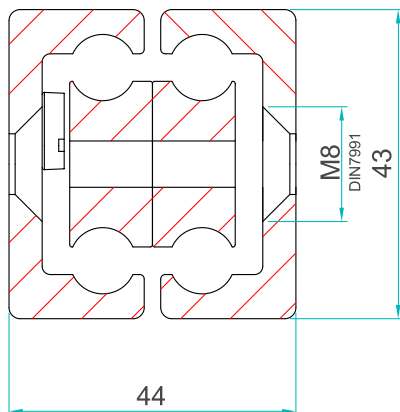




*Remove the stopping bolt to reach mounting holes

Available Options:

- * **H** – Hardened raceways
- * **V** – V-shaped channel raceways
- * **SB** – Stainless steel ball bearings
- * **SC** – Stainless steel ball cages
- * **SA** – Stainless steel stopping pins and bolts
- * **S** – Entirely manufactured in stainless steel 316L



NDOWS4344 - B weighs 10.8 kg/m				No. of holes
Article number	Installation length: L	Extension length: D	Load per pair: kg	
MDOWS4344-B.0210	210	248	130	3
MDOWS4344-B.0290	290	318	230	4
MDOWS4344-B.0370	370	418	265	5
MDOWS4344-B.0450	450	488	270	6
MDOWS4344-B.0530	530	558	250	7
MDOWS4344-B.0610	610	628	230	8
MDOWS4344-B.0690	690	728	210	9
MDOWS4344-B.0770	770	798	200	10
MDOWS4344-B.0850	850	868	180	11
MDOWS4344-B.0930	930	968	165	12
MDOWS4344-B.1010	1010	1038	145	13
MDOWS4344-B.1090	1090	1108	135	14
MDOWS4344-B.1170	1170	1208	130	15
MDOWS4344-B.1250	1250	1278	115	16
MDOWS4344-B.1330	1330	1378	110	17
MDOWS4344-B.1410	1410	1448	105	18
MDOWS4344-B.1490	1490	1518	100	19
MDOWS4344-B.1570	1570	1588	95	20
MDOWS4344-B.1650	1650	1688	90	21
MDOWS4344-B.1730	1730	1758	85	22
MDOWS4344-B.1810	1810	1858	80	23
MDOWS4344-B.1890	1890	1928	75	24
MDOWS4344-B.1970	1970	2028	70	25

Installation Tolerances

Parameter	Tolerance
Closed Length	DIN 2768-c
Extension	DIN 2768-c
Installation Width	+0.4 mm / -0.6 mm

Indirect Axis (Flat) Mounting: When mounting as shown in the image above, reduce the load capacity by approximately 60–80% and account for increased deflection. For precise calculations, please contact our engineering team to request a detailed FEA load analysis tailored for OEM projects. Our standard load ratings are based on fully extended pairs of slides positioned upright (direct axis), uniformly loaded across beams spaced 1,000 mm apart. If higher load capacities are required or slides are intended for extra-wide drawers, please consult our technical support team for further guidance.

Hardened Raceway Option: Our raceways can be accurately hardened through an advanced laser process, achieving a hardness rating of 58–62 HRC without extending production lead times. This process significantly enhances tensile strength, reduces friction coefficients, minimizes operational forces, and greatly increases lifecycle performance. Load capacities for slide lengths under 700 mm show marginal improvements. Recommended operational speeds also increase to 0.6 m/s. Under standard conditions, a non-hardened Professional Range steel slide typically achieves approximately 100,000 cycles at 75% load capacity, provided correct installation, appropriate operational speeds, optimal environmental conditions, and adherence to recommended maintenance schedules are maintained (refer to the Technical Maintenance Document for additional information). Hardening the raceways to 58–62 HRC and utilizing chromed steel ball bearings substantially reduces wear and significantly extends service life. With proper maintenance and operational standards, life expectancy can exceed 500,000 cycles. While our engineers can assist OEM design programs with comprehensive FEA analysis, we highly recommend conducting in situ testing within your production facility before finalizing your design for manufacturing.

Material: All steel components.

Beams: Cold-drawn carbon steel C45E+C (EN 10277), featuring precision-milled raceways.

Ball Cages: Zinc-plated steel sheet, laser-cut profiles.

Ball Bearings: C85, G100 according to DIN 5401 standards (chromed).

End Bolts: ASTM A307 compliant.

Surface Protection: Electrolytic alkaline zinc coating (10–12 microns), compliant with DIN EN ISO 9227 neutral salt spray testing—no white rust appearance within 250 hours and no red rust appearance within 1,100 hours.

Temperature Range: Suitable for temperatures from -20°C to +250°C, provided proper lubricants are applied and beams are mounted freely to accommodate thermal expansion.

Lubrication: We apply and recommend lithium-based EP3 grease for standard applications. Special high- or low-temperature greases are available upon request.

Clean Room Requirements: Slides can be delivered unlubricated, allowing customers to perform sterilization and apply specialized greases post-production.

Thread Pitches: Coarse, as specified in the end profile image.



Important Safety Notice

Do not disassemble the slide!

The stated maximum safe working load applies to a fully extended pair of slides mounted in the upright position. Ensure all provided fixing holes are utilized, and distribute the load evenly along the inner beam. Slide deflection is calculated at a maximum of 2% of the slide's closed length when operating at or near full load capacity.

