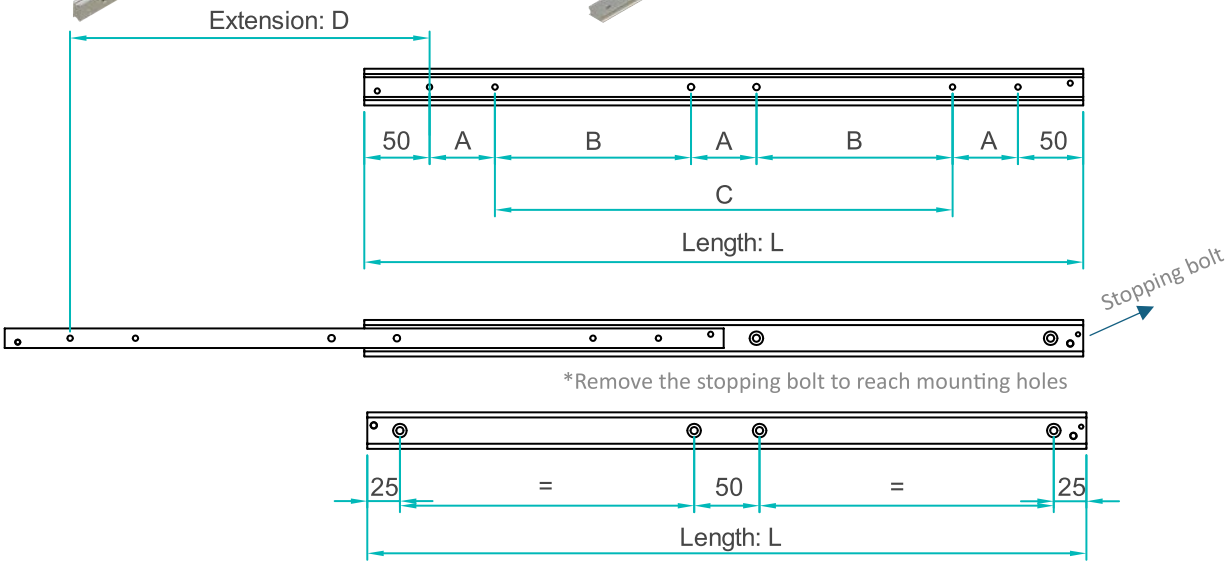
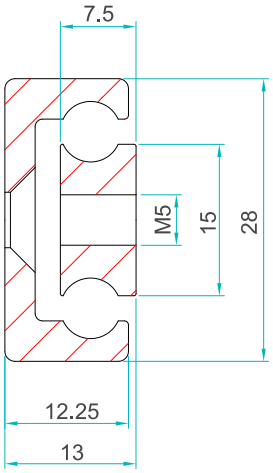
Professional Partial Bi-Directional Extension Telescopic slides



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



NOWS2813-A weighs 2.1 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
NOWS2813-A.0200	200	100	75	50	-	-
NOWS2813-A.0250	250	125	85	50	-	50
NOWS2813-A.0300	300	150	110	50	-	100
NOWS2813-A.0350	350	175	130	50	-	150
NOWS2813-A.0400	400	200	150	50	-	200
NOWS2813-A.0450	450	225	165	50	-	250
NOWS2813-A.0500	500	250	170	50	-	300
NOWS2813-A.0550	550	275	180	50	150	-
NOWS2813-A.0600	600	300	160	50	175	-
NOWS2813-A.0650	650	325	155	50	200	-
NOWS2813-A.0700	700	350	145	50	225	-
NOWS2813-A.0750	750	375	140	50	250	-
NOWS2813-A.0800	800	400	130	50	275	-
NOWS2813-A.0850	850	425	120	50	300	-
NOWS2813-A.0900	900	450	110	50	325	-
NOWS2813-A.0950	950	475	100	50	350	-
NOWS2813-A.1000	1000	500	95	50	375	-
NOWS2813-A.1050	1050	525	90	50	400	-
NOWS2813-A.1100	1100	550	85	50	425	-
NOWS2813-A.1150	1150	575	70	50	450	-
NOWS2813-A.1200	1200	600	65	50	475	-

Professional Bi-Directional Full Extension Telescopic slides

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.

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ISO 45001:2018 No.00944/0
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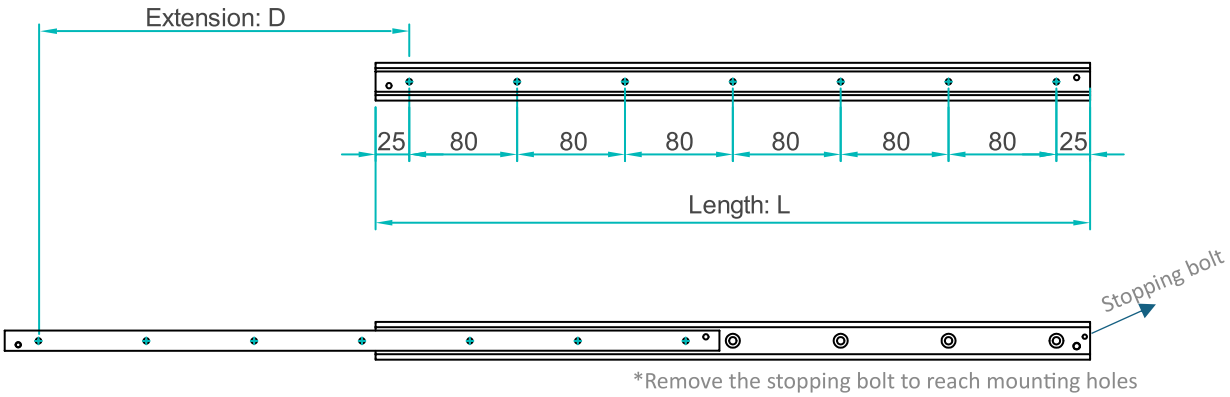
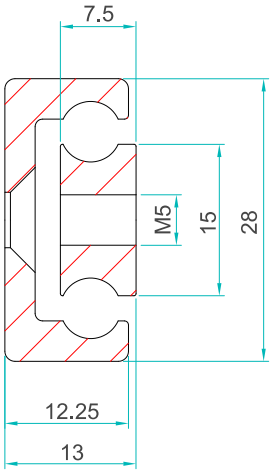
Professional Partial Bi-Directional Extension Telescopic slides



*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



NOWS2813-B weighs 2.1 kg/m				No. of holes
Article number	Installation length: L	Extension length: D	Load per pair: kg	
NOWS2813-B.0130	130	74	60	2
NOWS2813-B.0210	210	116	80	3
NOWS2813-B.0290	290	148	105	4
NOWS2813-B.0370	370	190	140	5
NOWS2813-B.0450	450	232	160	6
NOWS2813-B.0530	530	274	170	7
NOWS2813-B.0610	610	316	155	8
NOWS2813-B.0690	690	358	145	9
NOWS2813-B.0770	770	400	125	10
NOWS2813-B.0850	850	433	115	11
NOWS2813-B.0930	930	475	105	12
NOWS2813-B.1010	1010	517	100	13
NOWS2813-B.1090	1090	559	85	14
NOWS2813-B.1170	1170	601	70	15

Professional Bi-Directional Full Extension Telescopic slides

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).
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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

Do not disassemble the slide!
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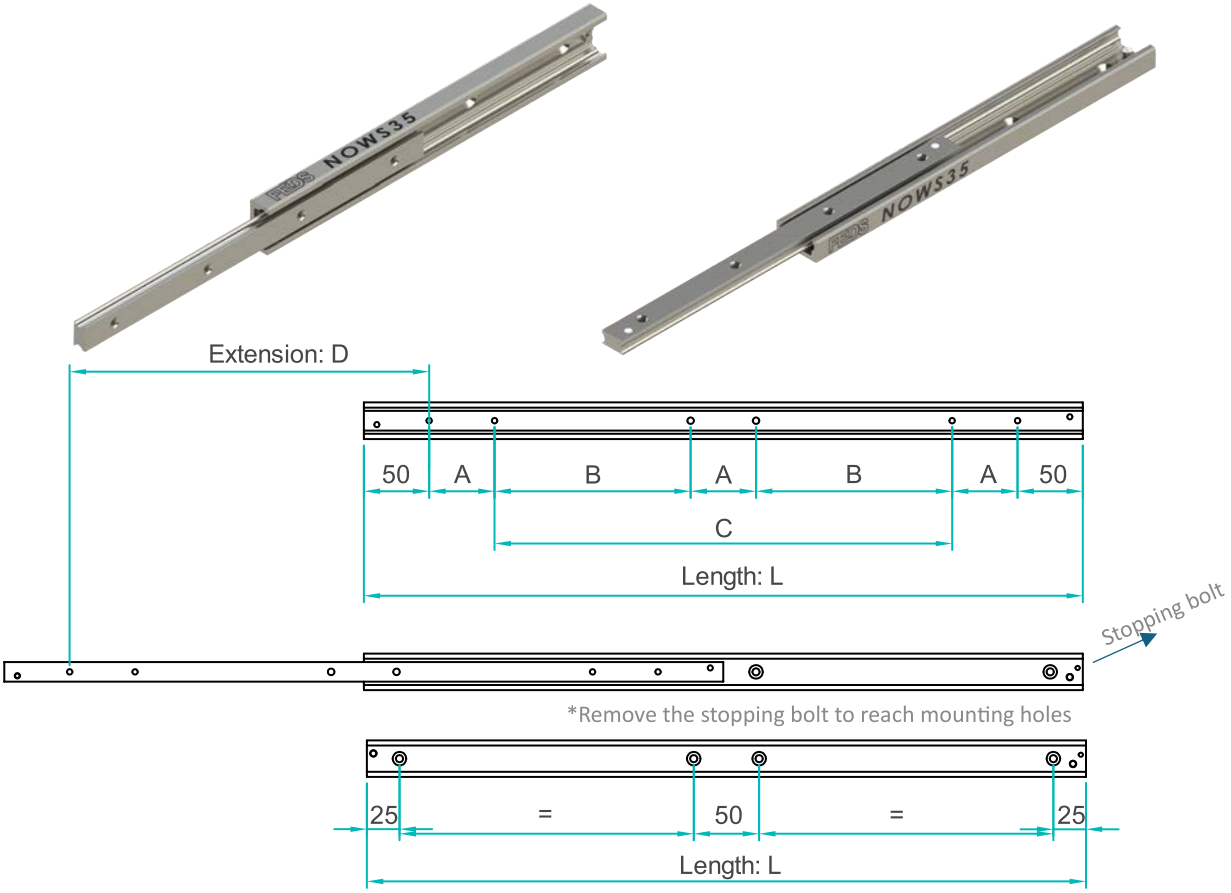
Professional Bi-Directional Full Extension Telescopic slides



Available Options:

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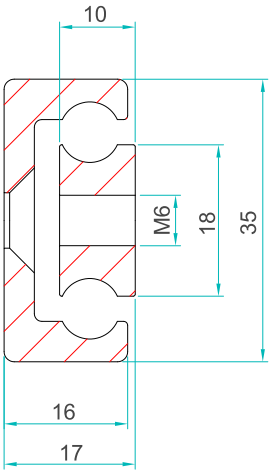

NOWS3517-A weighs 3.4 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
NOWS3517-A.0200	200	100	110	50	-	-
NOWS3517-A.0250	250	125	160	50	-	50
NOWS3517-A.0300	300	150	170	50	-	100
NOWS3517-A.0350	350	175	225	50	-	150
NOWS3517-A.0400	400	200	235	50	-	200
NOWS3517-A.0450	450	225	275	50	-	250
NOWS3517-A.0500	500	250	345	50	-	300
NOWS3517-A.0550	550	275	365	50	150	-
NOWS3517-A.0600	600	300	360	50	175	-
NOWS3517-A.0650	650	325	350	50	200	-
NOWS3517-A.0700	700	350	340	50	225	-
NOWS3517-A.0750	750	375	325	50	250	-
NOWS3517-A.0800	800	400	310	50	275	-
NOWS3517-A.0850	850	425	300	50	300	-
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NOWS3517-A.0950	950	475	270	50	350	-
NOWS3517-A.1000	1000	500	255	50	375	-
NOWS3517-A.1050	1050	525	240	50	400	-
NOWS3517-A.1100	1100	550	230	50	425	-
NOWS3517-A.1150	1150	575	215	50	450	-
NOWS3517-A.1200	1200	600	200	50	475	-

Professional Bi-Directional Full Extension Telescopic slides

NOWS3517-A weighs 3.4 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	“A”	“B”	“C”
NOWS3517-A.1250	1250	625	195	50	500	-
NOWS3517-A.1300	1300	650	180	50	525	-
NOWS3517-A.1350	1350	675	165	50	550	-
NOWS3517-A.1400	1400	700	150	50	575	-
NOWS3517-A.1450	1450	725	140	50	600	-
NOWS3517-A.1500	1500	750	125	50	625	-
NOWS3517-A.1550	1550	775	110	50	650	-
NOWS3517-A.1600	1600	800	95	50	675	-

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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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.
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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.

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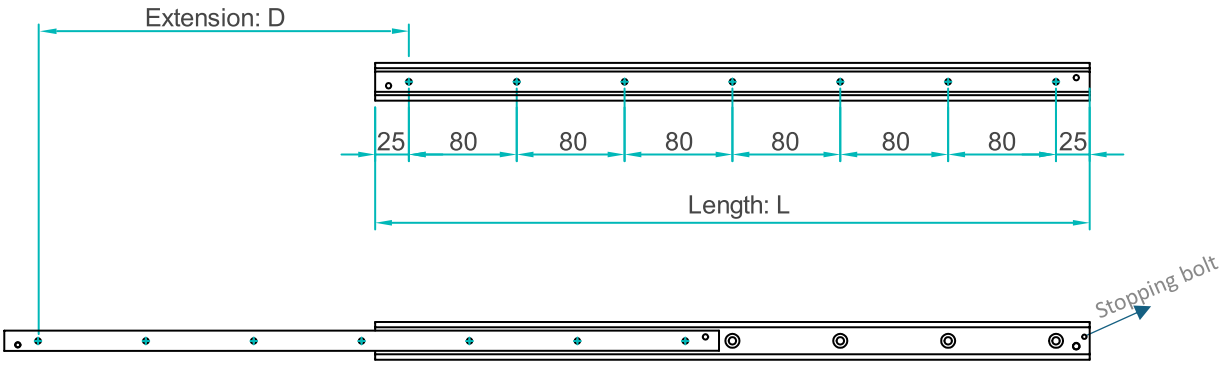
Professional Bi-Directional Full Extension Telescopic slides



*Remove the stopping bolt to reach mounting holes

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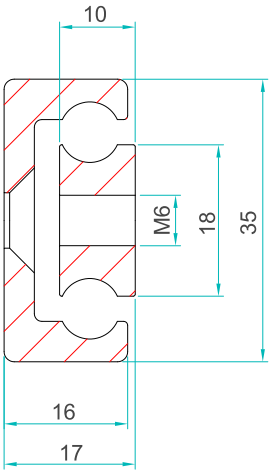

NOWS3517-B weighs 3.4 kg/m				No. of holes
Article number	Installation length: L	Extension length: D	Load per pair: kg	
NOWS3517-B.0210	210	127	110	3
NOWS3517-B.0290	290	159	130	4
NOWS3517-B.0370	370	203	230	5
NOWS3517-B.0450	450	247	260	6
NOWS3517-B.0530	530	279	340	7
NOWS3517-B.0610	610	323	370	8
NOWS3517-B.0690	690	367	345	9
NOWS3517-B.0770	770	399	320	10
NOWS3517-B.0850	850	443	300	11
NOWS3517-B.0930	930	487	275	12
NOWS3517-B.1010	1010	519	250	13
NOWS3517-B.1090	1090	563	230	14
NOWS3517-B.1170	1170	607	210	15
NOWS3517-B.1250	1250	639	195	16
NOWS3517-B.1330	1330	683	170	17
NOWS3517-B.1410	1410	727	145	18
NOWS3517-B.1490	1490	759	130	19

Professional Bi-Directional Full Extension Telescopic slides

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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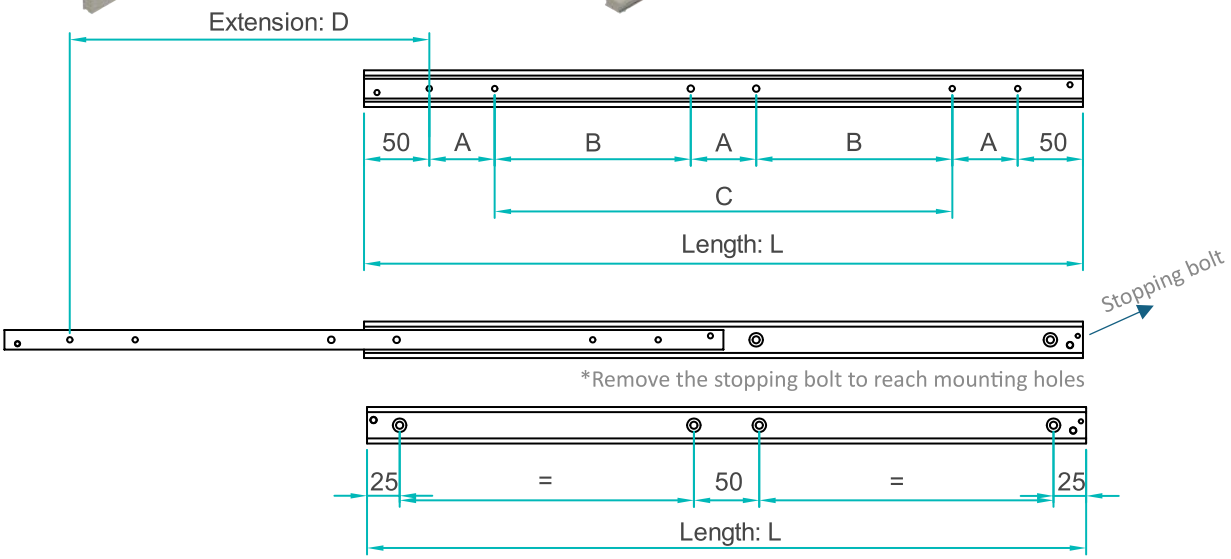

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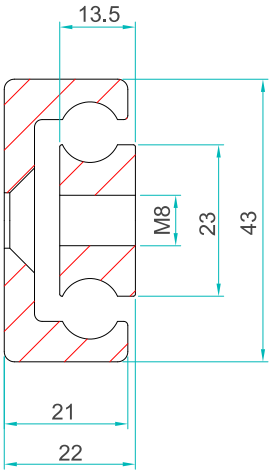


NOWS4322-A weighs 5.4 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
NOWS4322-A.0200	200	100	150	50	-	-
NOWS4322-A.0250	250	125	240	50	-	50
NOWS4322-A.0300	300	150	270	50	-	100
NOWS4322-A.0350	350	175	300	50	-	150
NOWS4322-A.0400	400	200	350	50	-	200
NOWS4322-A.0450	450	225	370	50	-	250
NOWS4322-A.0500	500	250	550	50	-	300
NOWS4322-A.0550	550	275	600	50	150	-
NOWS4322-A.0600	600	300	620	50	175	-
NOWS4322-A.0650	650	325	630	50	200	-
NOWS4322-A.0700	700	350	615	50	225	-
NOWS4322-A.0750	750	375	600	50	250	-
NOWS4322-A.0800	800	400	570	50	275	-
NOWS4322-A.0850	850	425	520	50	300	
NOWS4322-A.0900	900	450	500	50	325	-
NOWS4322-A.0950	950	475	485	50	350	-
NOWS4322-A.1000	1000	500	470	50	375	-
NOWS4322-A.1050	1050	525	460	50	400	-
NOWS4322-A.1100	1100	550	445	50	425	-
NOWS4322-A.1150	1150	575	440	50	450	-
NOWS4322-A.1200	1200	600	435	50	475	-

Professional Partial Bi-Directional Extension Telescopic slides

NOWS4322-A weighs 5.4 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
NOWS4322-A.1250	1250	625	425	50	500	-
NOWS4322-A.1300	1300	650	415	50	525	-
NOWS4322-A.1350	1350	675	405	50	550	-
NOWS4322-A.1400	1400	700	400	50	575	-
NOWS4322-A.1450	1450	725	380	50	600	-
NOWS4322-A.1500	1500	750	360	50	625	-
NOWS4322-A.1550	1550	775	350	50	650	-
NOWS4322-A.1600	1600	800	330	50	675	-
NOWS4322-A.1650	1650	825	310	50	700	-
NOWS4322-A.1700	1700	850	300	100	650	-
NOWS4322-A.1750	1750	875	280	100	675	-
NOWS4322-A.1800	1800	900	265	100	700	-
NOWS4322-A.1850	1850	925	250	100	725	-
NOWS4322-A.1900	1900	950	235	100	750	-
NOWS4322-A.1950	1950	975	210	100	775	-
NOWS4322-A.2000	2000	1000	190	100	800	-

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.

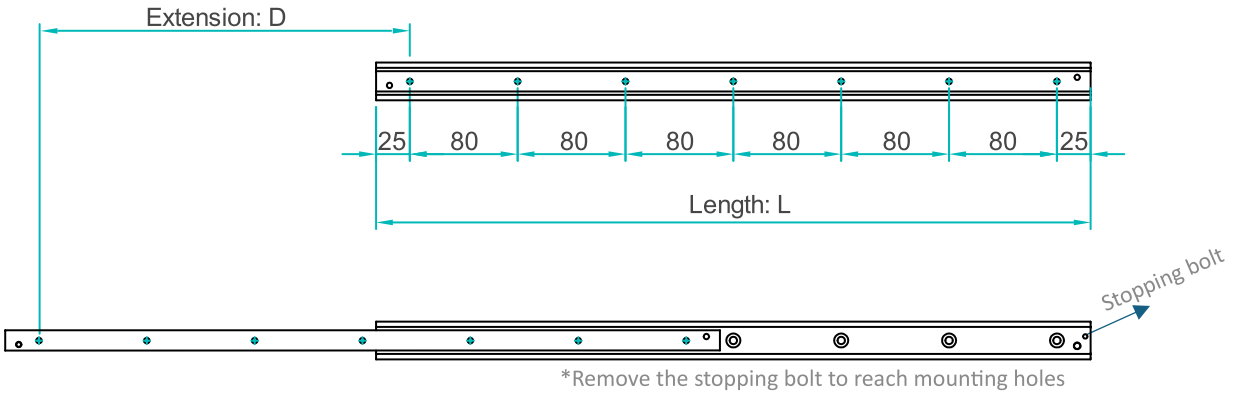
Material: All steel components.
Beams: Cold-drawn carbon steel C45E+C (EN 10277), featuring precision-milled raceways.
Ball Cages: Zinc-plated steel sheet, laser-cut profiles.
Ball Bearings: C85, G100 according to DIN 5401 standards (chromed).
End Bolts: ASTM A307 compliant.
Surface Protection: Electrolytic 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.

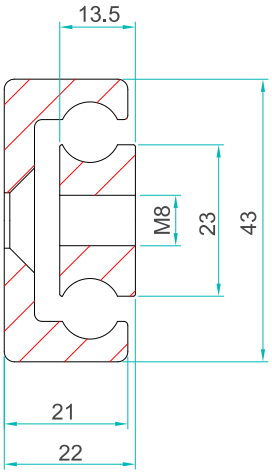
ISO 13485 CERTIFIED
qualityaustria SYSTEM CERTIFIED
ISO 9001:2015 No.10272/0
ISO 45001:2018 No.00944/0
ISO 14001:2015 No.04216/0
REACH COMPLIANT
RoHS

Professional Partial Bi-Directional Extension Telescopic slides



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



NOWS4322-B weighs 5.5 kg/m				No. of holes
Article number	Installation length: L	Extension length: D	Load per pair: kg	
NOWS4322-B.0210	210	123	140	3
NOWS4322-B.0290	290	158	250	4
NOWS4322-B.0370	370	208	290	5
NOWS4322-B.0450	450	243	370	6
NOWS4322-B.0530	530	278	600	7
NOWS4322-B.0610	610	313	630	8
NOWS4322-B.0690	690	363	610	9
NOWS4322-B.0770	770	398	590	10
NOWS4322-B.0850	850	433	520	11
NOWS4322-B.0930	930	483	490	12
NOWS4322-B.1010	1010	518	475	13
NOWS4322-B.1090	1090	568	450	14
NOWS4322-B.1170	1170	603	440	15
NOWS4322-B.1250	1250	638	425	16
NOWS4322-B.1330	1330	688	410	17
NOWS4322-B.1410	1410	723	400	18
NOWS4322-B.1490	1490	758	370	19
NOWS4322-B.1570	1570	793	340	20
NOWS4322-B.1650	1650	843	310	21
NOWS4322-B.1730	1730	878	290	22
NOWS4322-B.1810	1810	928	260	23
NOWS4322-B.1890	1890	963	230	24
NOWS4322-B.1970	1970	1013	220	25

Professional Partial Bi-Directional Extension Telescopic slides

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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