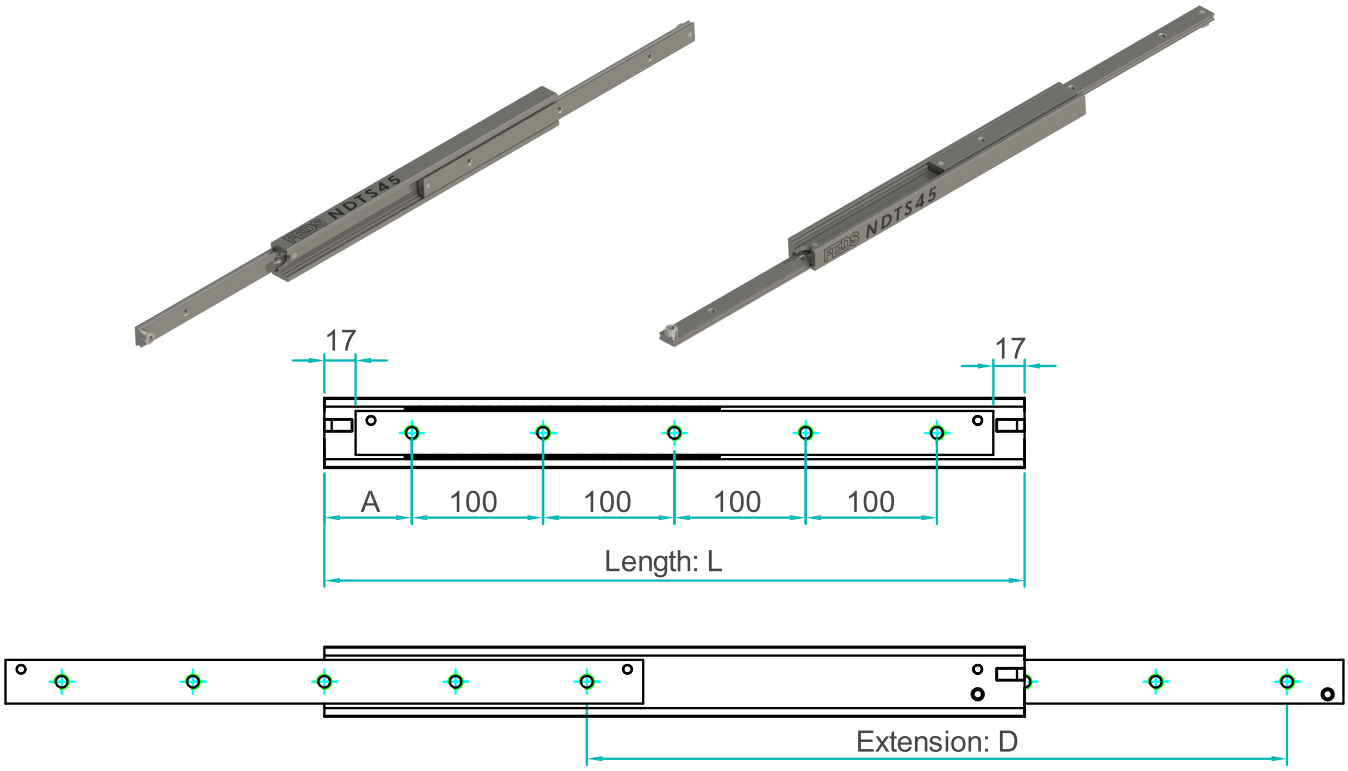
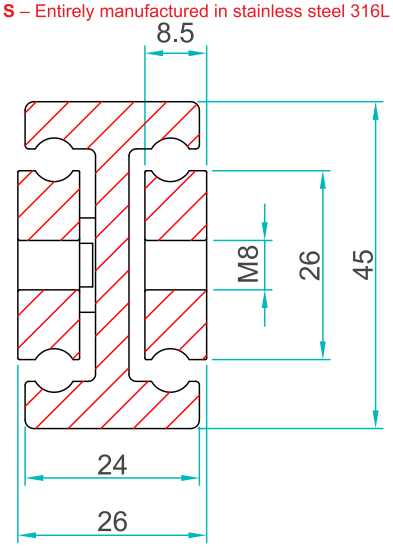
Professional Bi-Directional Full Extension Telescopic slides

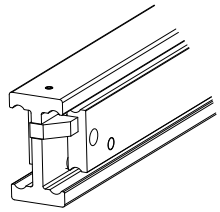
FEDS
TELESCOPIC SLIDES AND LINEAR RAILS



Available Options:

* **H –** Hardened raceways
* **V** – V-shaped channel raceways
* **F –** one outer beam countersunk
* **FF –** both outer beams countersunk
* **SB** – Stainless steel ball bearings
* **SC** – Stainless steel ball cages
* **SA** – Stainless steel stopping pins and bolts
* **S** – Entirely manufactured in stainless steel 316L





- Rocker device

NDTSB4526-B weighs 6.1 kg/m				Hole pattern
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"
NDTSB4526-B.0250	250	276	260	25
NDTSB4526-B.0300	300	310	265	50
NDTSB4526-B.0350	350	388	270	25
NDTSB4526-B.0400	400	422	275	50
NDTSB4526-B.0450	450	478	280	25
NDTSB4526-B.0500	500	512	285	50
NDTSB4526-B.0550	550	590	290	25
NDTSB4526-B.0600	600	624	310	50
NDTSB4526-B.0650	650	680	320	25
NDTSB4526-B.0700	700	714	335	50
NDTSB4526-B.0750	750	770	300	25
NDTSB4526-B.0800	800	826	290	50
NDTSB4526-B.0850	850	882	270	25
NDTSB4526-B.0900	900	916	265	50
NDTSB4526-B.0950	950	972	255	25
NDTSB4526-B.1000	1000	1028	245	50
NDTSB4526-B.1050	1050	1084	235	25
NDTSB4526-B.1100	1100	1118	220	50
NDTSB4526-B.1150	1150	1174	215	25
NDTSB4526-B.1200	1200	1230	210	50
NDTSB4526-B.1250	1250	1286	205	25
NDTSB4526-B.1300	1300	1320	200	50
NDTSB4526-B.1350	1350	1376	195	25
NDTSB4526-B.1400	1400	1410	190	50
NDTSB4526-B.1450	1450	1488	185	25
NDTSB4526-B.1500	1500	1522	180	50

Professional Bi-Directional Full Extension Telescopic slides

FEDS
TELESCOPIC SLIDES AND LINEAR RAILS

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