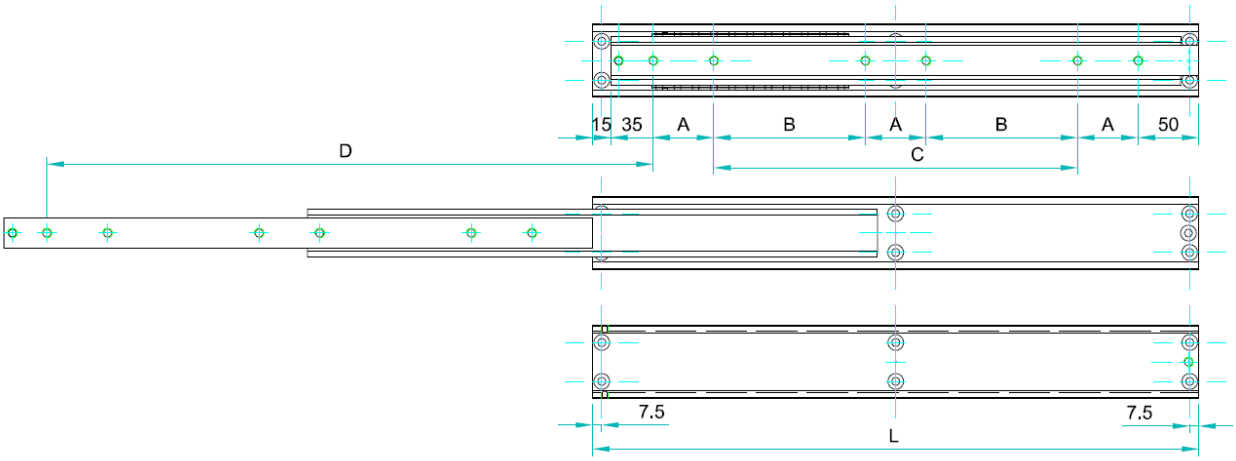
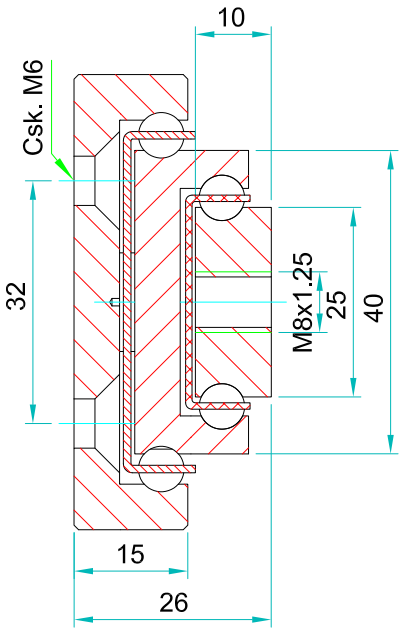






Options.
"**H**" – Hardened raceways
"**V**" - V shape channel raceways
"**SB**"- stainless steel ball bearings
"**SC**"- stainless steel ball cages
"**SA**"- stainless steel stopping pins and bolts



TSR-6026 weights 9.2 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
TSR6026.0300	300	300	274	50	-	100
TSR6026.0350	350	350	279	50	-	150
TSR6026.0400	400	400	284	50	-	200
TSR6026.0450	450	450	288	50	-	250
TSR6026.0500	500	500	294	50	-	300
TSR6026.0550	550	550	300	50	150	-
TSR6026.0600	600	600	307	50	175	-
TSR6026.0650	650	650	314	50	200	-
TSR6026.0700	700	700	310	50	225	-
TSR6026.0750	750	750	306	50	250	-
TSR6026.0800	800	800	300	50	275	-
TSR6026.0850	850	850	292	50	300	-
TSR6026.0900	900	900	286	50	325	-
TSR6026.0950	950	950	280	50	350	-
TSR6026.1000	1000	1000	272	50	375	-

Do not dismantle the slide!
The maximum safe working load is stated for fully extended pair of slides, mounted upright. Use all fixing holes and spread the load evenly across the inner beam.
Flat mounting: Reduce the load by 60-80%. We recommend the use of strong L brackets for under or floor mount.
Deflection is calculated up to 2% of the closed length, at or near full load capacity.

TSR-6026 weights 9.2 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
TSR6026.1050	1050	1050	262	50	500	-
TSR6026.1100	1000	1100	252	50	525	-
TSR6026.1150	1150	1150	242	50	550	-
TSR6026.1200	1200	1200	232	50	575	-
TSR6026.1250	1250	1250	222	50	600	-
TSR6026.1300	1300	1300	212	50	625	-
TSR6026.1350	1350	1350	200	50	650	-
TSR6026.1400	1400	1400	190	50	675	-
TSR6026.1450	1450	1450	180	50	700	-
TSR6026.1500	1500	1500	170	50	725	-
TSR6026.1550	1550	1550	160	50	750	-
TSR6026.1600	1600	1600	150	50	775	-

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

Indirect Axis (Flat) Mounting: As in the image above, reduce the load capacity by 60-80% and allow for increased deflection, or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of slides on the direct axis, upright, with uniform loading across the beams, spaced 1,000mm apart. If load capacities need to be increased, or slides are fitted to extra-wide drawers, please contact us for technical advice.

Hardened Raceways Option: Via an accurate laser process, the raceways can be hardened to 58-62HRC without increasing production lead-times. This maximizes tensile strength, reduces friction coefficient, minimizes operational forces and substantially increases the life cycles. Load capacities for lengths under 700mm are marginally increased. Recommended operating speeds increase to 0.6m/s. A non-hardened Professional Range steel slide can be expected to achieve 100,000 cycles at 75% load capacity in a lifetime, following correct mounting, operational speeds, working environment and regular raceway cleaning with a re-lubrication schedule. (Download the Technical Maintenance Document for further information). Hardening raceways to achieve 58-62HRC and replicating the chromed steel ball bearings, results in substantially less wear and prolonged service life. Following the same maintenance schedule and operational conditions, lifespan can be anticipated to surpass 500,000 cycles. Our engineers can support OEM design programs with FEA analysis; however, we recommend in situ testing within the fabrication before committing to production.

Material: All steel parts.
Beams: Cold drawn carbon steel C45E+C, - EN 10277, milled raceways.
Ball cages: Zinc plated sheet steel. Laser cut profiles.
Ball bearings: C85, G100: DIN 5401 (Chromed).
End Bolts: ASTM A307.
Steel surface protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing. No white rust appearance within 250 hours. No red rust appearance within 1,100 hours
Temperature range: Steel slides –20°C to +250°C provided the necessary lubricants are applied and the beams are mounted freely to allow expansion
Lubrication: We apply and recommend lithium based EP3 grease for general applications. High & low temp grease upon request
Clean Room Requirement: The slides will be supplied unlubricated for the customer to sterilize and apply specialist grease after production
Thread pitches: As per end profile image - coarse