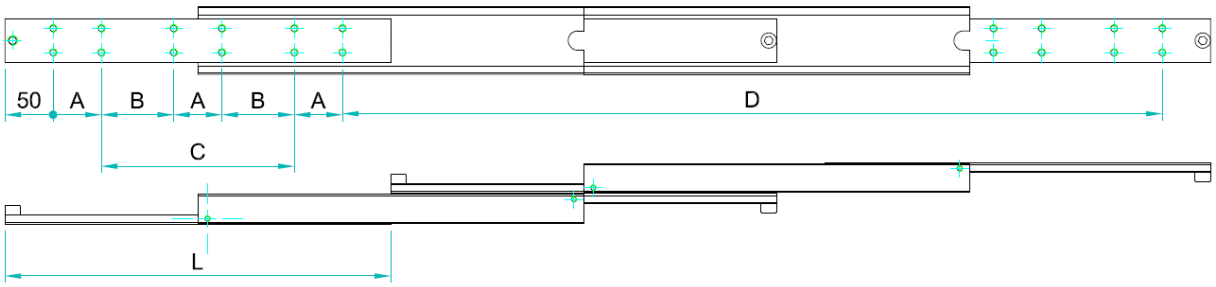
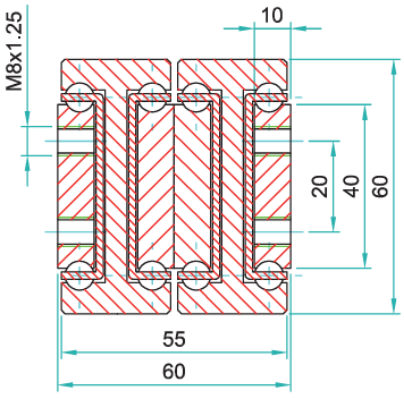


Options:
"**H**" – Hardened raceways
"**V**" - V shape channel raceways
"**F**" - one outer beam countersunk
"**FF**"- both outer beams countersunk
"**SB**"- stainless steel ball bearings
"**SC**"- stainless steel ball cages
"**SA**"- stainless steel stopping pins and bolts



DDTS-6060 weights 21.2 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DDTS6060.0200	200	400	260	50	-	-
DDTS6060.0250	250	500	270	50	-	50
DDTS6060.0300	300	600	290	50	-	100
DDTS6060.0350	350	700	295	50	-	150
DDTS6060.0400	400	800	300	50	-	200
DDTS6060.0450	450	900	305	50	-	250
DDTS6060.0500	500	1000	310	50	-	300
DDTS6060.0550	550	1100	315	50	-	350
DDTS6060.0600	600	1200	320	50	-	400
DDTS6060.0650	650	1300	317	50	200	-
DDTS6060.0700	700	1400	315	50	225	-
DDTS6060.0750	750	1500	313	50	250	-
DDTS6060.0800	800	1600	310	50	275	-
DDTS6060.0850	850	1700	308	50	300	-
DDTS6060.0900	900	1800	306	50	325	-
DDTS6060.0950	950	1900	304	50	350	-
DDTS6060.1000	1000	2000	300	50	375	-
DDTS6060.1050	1050	2100	290	50	400	-
DDTS6060.1100	1100	2200	280	50	425	-
DDTS6060.1150	1150	2300	270	50	450	-
DDTS6060.1200	1200	2400	260	50	475	-

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.

Installation tolerance:

Closed length Tolerance: DIN2768 – c

Extension Tolerance: DIN2768 - c

Installation width tolerance + 0.4 to – 0.6mm

DDTS-6060 weights 21.2 kg/m				Hole pattern		
Article number	Installation length: L	Extension length: D	Load per pair: kg	"A"	"B"	"C"
DDTS6060.1250	1250	2500	250	50	500	-
DDTS6060.1300	1300	2600	240	50	525	-
DDTS6060.1350	1350	2700	230	50	550	-
DDTS6060.1400	1400	2800	220	50	575	-
DDTS6060.1450	1450	2900	210	50	600	-
DDTS6060.1500	1500	3000	200	50	625	-
DDTS6060.1550	1550	3100	190	50	650	-
DDTS6060.1600	1600	3200	180	50	675	-
DDTS6060.1650	1650	3300	170	50	700	-
DDTS6060.1700	1700	3400	160	100	650	-
DDTS6060.1750	1750	3500	150	100	675	-
DDTS6060.1800	1800	3600	140	100	700	-
DDTS6060.1850	1850	3700	130	100	725	-
DDTS6060.1900	1900	3800	110	100	750	-
DDTS6060.1950	1950	3900	100	100	775	-
DDTS6060.2000	2000	4000	90	100	800	-
DDTS6060.2100	2100	4200	80	100	850	-
DDTS6060.2200	2200	4400	70	100	900	-

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