



KDTS-40 weighs 6.75kg/m. Sold as singles				Drilling Pattern		
Part Number	Closed Length: L	Extension Length: D	Load per pair: kg	"A"	"B"	"C"
4015.KDTS040.0200	200	200	80	50	-	-
4015.KDTS040.0250	250	250	90	50	-	50
4015.KDTS040.0300	300	300	100	50	-	100
4015.KDTS040.0350	350	350	100	50	-	150
4015.KDTS040.0400	400	400	100	50	-	200
4015.KDTS040.0450	450	450	100	50	-	250
4015.KDTS040.0500	500	500	100	50	-	300
4015.KDTS040.0550	550	550	100	50	150	-
4015.KDTS040.0600	600	600	100	50	175	-
4015.KDTS040.0650	650	650	100	50	200	-
4015.KDTS040.0700	700	700	100	50	225	-
4015.KDTS040.0750	750	750	100	50	250	-
4015.KDTS040.0800	800	800	95	50	275	-
4015.KDTS040.0850	850	850	90	50	300	-
4015.KDTS040.0900	900	900	85	50	325	-
4015.KDTS040.0950	950	950	80	50	350	-
4015.KDTS040.1000	1000	1000	75	50	375	-
4015.KDTS040.1050	1050	1050	70	50	400	-
4015.KDTS040.1100	1100	1100	65	50	425	-
4015.KDTS040.1150	1150	1150	60	50	450	-
4015.KDTS040.1200	1200	1200	55	50	475	-
4015.KDTS040.1250	1250	1250	50	50	500	-
4015.KDTS040.1300	1300	1300	45	50	525	-
4015.KDTS040.1350	1350	1350	40	50	550	-
4015.KDTS040.1400	1400	1400	35	50	575	-
4015.KDTS040.1450	1450	1450	30	50	600	-
4015.KDTS040.1500	1500	1500	25	50	625	-
4015.KDTS040.1550	1550	1550	20	50	650	-
4015.KDTS040.1600	1600	1600	15	50	675	-

Options:

- 'MM' - Both beams threaded
- 'FF' - Both beams countersunk
- 'SB' - Stainless steel 316L ball bearings
- 'SC' - Stainless steel ball cages
- 'SA' - Stainless end bolts & retaining pins
- '120' - 120% over-extension of standard slide

Bespoke length, drilling pattern & extension on request

Do not dismantle the slide!



The maximum safe working load for KDTS is stated for a fully extended pair of slides, mounted flat. Use all fixing holes and spread the load evenly across the inner beam. Deflection is calculated at approx 1% of the closed length, at or near full load capacity.



If mounting KDTS on the direct axis, upright as in the image above, increase the load capacity by between 300-400% ,depending on the slide length. Or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of KDTS slides on the indirect axis, flat, with uniform loading across the beams. If load capacities need to be increased, please contact us for technical advice.

Material: All steel parts/no plastics

Beams: Cold drawn carbon steel C45E+C. EN 10277 milled raceways

Ball bearings: Chromed steel C85, G100. Din 5401

Ball cages: Zinc plated sheet steel. Laser cut profiles

End bolts: Steel ASTM A307

Surface Protection: Electrolytic alkaline zinc coating (10-12 microns). conforming to DIN EN ISO 9227 neutral salt spray testing.

No white rust appearance within 120 hours. No red rust within 1,032 hours

Temperature range: Steel slides -20°C to $+250^{\circ}\text{C}$ 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

Thread pitches: As per end profile image - coarse