



KDTS-80 weighs 21.4kg/m. Sold as singles

Part Number	Closed Length: L	Extension Length: D	Load per pair : kg	Drilling Pattern		
				"A"	"B"	"C"
4015.KDTS080.0200	200	200	240	50	-	-
4015.KDTS080.0250	250	250	240	50	-	50
4015.KDTS080.0300	300	300	245	50	-	100
4015.KDTS080.0350	350	350	250	50	-	150
4015.KDTS080.0400	400	400	260	50	-	200
4015.KDTS080.0450	450	450	270	50	-	250
4015.KDTS080.0500	500	500	280	50	-	300
4015.KDTS080.0550	550	550	290	50	-	350
4015.KDTS080.0600	600	600	300	50	-	400
4015.KDTS080.0650	650	650	290	50	200	-
4015.KDTS080.0700	700	700	280	50	225	-
4015.KDTS080.0750	750	750	270	50	250	-
4015.KDTS080.0800	800	800	260	50	275	-
4015.KDTS080.0850	850	850	250	50	300	-
4015.KDTS080.0900	900	900	240	50	325	-
4015.KDTS080.0950	950	950	220	50	350	-
4015.KDTS080.1000	1000	1000	200	50	375	-
4015.KDTS080.1050	1050	1050	180	50	400	-
4015.KDTS080.1100	1100	1100	170	50	425	-
4015.KDTS080.1150	1150	1150	165	50	450	-
4015.KDTS080.1200	1200	1200	160	50	475	-
4015.KDTS080.1250	1250	1250	155	50	500	-
4015.KDTS080.1300	1300	1300	150	50	525	-
4015.KDTS080.1350	1350	1350	145	50	550	-
4015.KDTS080.1400	1400	1400	140	50	575	-
4015.KDTS080.1450	1450	1450	135	50	600	-
4015.KDTS080.1500	1500	1500	130	50	625	-
4015.KDTS080.1550	1550	1550	125	50	650	-
4015.KDTS080.1600	1600	1600	120	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  $-20^{\circ}\text{C}$  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