



SKDTS-50 weighs 12.86kg/m. Sold as singles				Drilling Pattern		
Part Number	Closed Length: L	Extension length: D	Load per Pair: kg	"A"	"B"	"C"
4015.SKDTS050.0200	200	200	70	50	-	-
4015.SKDTS050.0250	250	250	70	50	-	50
4015.SKDTS050.0300	300	300	75	50	-	100
4015.SKDTS050.0350	350	350	80	50	-	150
4015.SKDTS050.0400	400	400	85	50	-	200
4015.SKDTS050.0450	450	450	90	50	-	250
4015.SKDTS050.0500	500	500	95	50	-	300
4015.SKDTS050.0550	550	550	95	50	150	-
4015.SKDTS050.0600	600	600	90	50	175	-
4015.SKDTS050.0650	650	650	85	50	200	-
4015.SKDTS050.0700	700	700	80	50	225	-
4015.SKDTS050.0750	750	750	75	50	250	-
4015.SKDTS050.0800	800	800	70	50	275	-
4015.SKDTS050.0850	850	850	68	50	300	-
4015.SKDTS050.0900	900	900	66	50	325	-
4015.SKDTS050.0950	950	950	64	50	350	-
4015.SKDTS050.1000	1000	1000	62	50	375	-
4015.SKDTS050.1050	1050	1050	60	50	400	-
4015.SKDTS050.1100	1100	1100	58	50	425	-
4015.SKDTS050.1150	1150	1150	56	50	450	-
4015.SKDTS050.1200	1200	1200	54	50	475	-
4015.SKDTS050.1250	1250	1250	52	50	500	-
4015.SKDTS050.1300	1300	1300	50	50	525	-
4015.SKDTS050.1350	1350	1350	48	50	550	-
4015.SKDTS050.1400	1400	1400	46	50	575	-
4015.SKDTS050.1450	1450	1450	44	50	600	-
4015.SKDTS050.1500	1500	1500	42	50	625	-
4015.SKDTS050.1550	1550	1550	40	50	650	-
4015.SKDTS050.1600	1600	1600	38	50	675	-



Options:

'MM'- Both beams threaded

'FF' - Both beams countersunk

'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 SKDTS 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 SKDTS 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 stainless steel parts

Beams: Stainless 316L (1.4404) cold drawn & precision milled

Ball bearings: Stainless 316L (1.4404)

Ball cages: Stainless 430 Ferritic (1.4016)

End bolts: Stainless A2 304 (1.4301)

Surface treatment: Polished

Temperature range: Cryogenic to $\approx 800^{\circ}$ C with suitable lubrication & material yield strength reduction

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