



SDTS-150 weighs 56.01kg/m sold as singles				Drilling Pattern		
Part Number	Closed Length : L	Extension Length : D	Load per pair (kg)	"A"	"B"	"C"
4015.SDTS150.0300	300	300	1400	100	-	
4015.SDTS150.0350	350	350	1460	50	-	50
4015.SDTS150.0400	400	400	1520	50	-	100
4015.SDTS150.0450	450	450	1580	50	-	150
4015.SDTS150.0500	500	500	1640	50	-	200
4015.SDTS150.0550	550	550	1700	50	-	250
4015.SDTS150.0600	600	600	1760	50	-	300
4015.SDTS150.0650	650	650	1820	50	150	-
4015.SDTS150.0700	700	700	1880	50	175	-
4015.SDTS150.0750	750	750	1940	50	200	-
4015.SDTS150.0800	800	800	2000	100	150	-
4015.SDTS150.0850	850	850	1960	100	175	-
4015.SDTS150.0900	900	900	1920	100	200	-
4015.SDTS150.0950	950	950	1880	100	225	-
4015.SDTS150.1000	1000	1000	1840	100	250	-
4015.SDTS150.1050	1050	1050	1800	100	275	-
4015.SDTS150.1100	1100	1100	1760	100	300	-
4015.SDTS150.1150	1150	1150	1720	100	325	-
4015.SDTS150.1200	1200	1200	1680	100	350	-
4015.SDTS150.1250	1250	1250	1640	100	375	-
4015.SDTS150.1300	1300	1300	1600	100	400	-
4015.SDTS150.1350	1350	1350	1560	100	425	-
4015.SDTS150.1400	1400	1400	1520	100	450	-
4015.SDTS150.1450	1450	1450	1480	100	475	-
4015.SDTS150.1500	1500	1500	1440	100	500	-
4015.SDTS150.1550	1550	1550	1400	100	525	-
4015.SDTS150.1600	1600	1600	1360	100	550	-

Professional Range - **Stainless Steel**

Full Extension Telescopic Slide

Type: SDTS-150

Version: 2023/1

SDTS-150



Options:

- 'F' - One mounting beam countersunk
- 'FF' - Both beams countersunk
- 'V' - V shaped raceways (bi-directional slides)
- '120' - 120% over-extension of standard slide

Bespoke length, drilling pattern & extension on request

Material: All austenitic stainless steel parts

Beams: Stainless 316L (1.4404) precision milled

Ball bearings: Stainless 316L (1.4404)

Ball cages: Stainless 316L (1.4404)

End bolts/pins: 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

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Part Number	Closed Length : L	Extension Length : D	Load per pair (kg)	"A"	"B"	"C"
4015.SDTS150.1650	1650	1650	1300	100	575	
4015.SDTS150.1700	1700	1700	1240	100	600	
4015.SDTS150.1750	1750	1750	1180	100	625	
4015.SDTS150.1800	1800	1800	1100	100	650	
4015.SDTS150.1850	1850	1850	1030	100	675	
4015.SDTS150.1900	1900	1900	970	100	700	
4015.SDTS150.1950	1950	1950	920	100	725	
4015.SDTS150.2000	2000	2000	870	100	750	
4015.SDTS150.2100	2100	2100	820	100	800	
4015.SDTS150.2200	2200	2200	770	100	850	
4015.SDTS150.2300	2300	2300	700	100	900	
4015.SDTS150.2400	2400	2400	620	100	950	
4015.SDTS150.2500	2500	2500	550	100	1000	
4015.SDTS150.2600	2600	2600	480	100	1050	
4015.SDTS150.2700	2700	2700	400	100	900	
4015.SDTS150.2800	2800	2800	350	100	950	
4015.SDTS150.2900	2900	2900	300	100	1000	
4015.SDTS150.3000	3000	3000	250	100	1050	

Do not dismantle the slide!



The maximum safe working load is stated for a 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 at approx 1% of the closed length, at or near full load capacity.



If mounting on the indirect axis, flat, 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. If load capacities need to be increased, please contact us for technical advice.



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