



DTS-48 weighs 3.73 kg/m. Sold as singles

Part Number	Closed Length: L	Extension Length: D	Load per Pair: kg	Drilling Pattern		
				"A"	"B"	"C"
4015.DTS048.0150	150	150	90	50	-	-
4015.DTS048.0200	200	200	107	50	-	-
4015.DTS048.0250	250	250	114	50	-	50
4015.DTS048.0300	300	300	125	50	-	100
4015.DTS048.0350	350	350	136	50	-	150
4015.DTS048.0400	400	400	147	50	-	200
4015.DTS048.0450	450	450	158	50	-	250
4015.DTS048.0500	500	500	164	50	-	300
4015.DTS048.0550	550	550	166	50	150	-
4015.DTS048.0600	600	600	160	50	175	-
4015.DTS048.0650	650	650	155	50	200	-
4015.DTS048.0700	700	700	150	50	225	-
4015.DTS048.0750	750	750	140	50	250	-
4015.DTS048.0800	800	800	125	50	275	-
4015.DTS048.0850	850	850	110	50	300	-
4015.DTS048.0900	900	900	98	50	325	-
4015.DTS048.0950	950	950	90	50	350	-
4015.DTS048.1000	1000	1000	80	50	375	-

Professional Range - **Steel**  
Full Extension Telescopic Slide

Type: **DTS-48**

Version: 2021/1

**DTS-48**

**SLIDING**  
SYSTEMS



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.

**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

**Options:**

'F' - One mounting beam countersunk

'FF' - Both beams countersunk

'SB' - Stainless steel 316L ball bearings

'SC' - Stainless steel ball cages

'SA' - Stainless end bolts & retaining pins

'V' - V shaped raceways (bi-directional slides)

'120' - 120% over-extension of standard slide

**Bespoke length, drilling pattern & extension on request**

**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.



**'Global Company, Global Reach'**