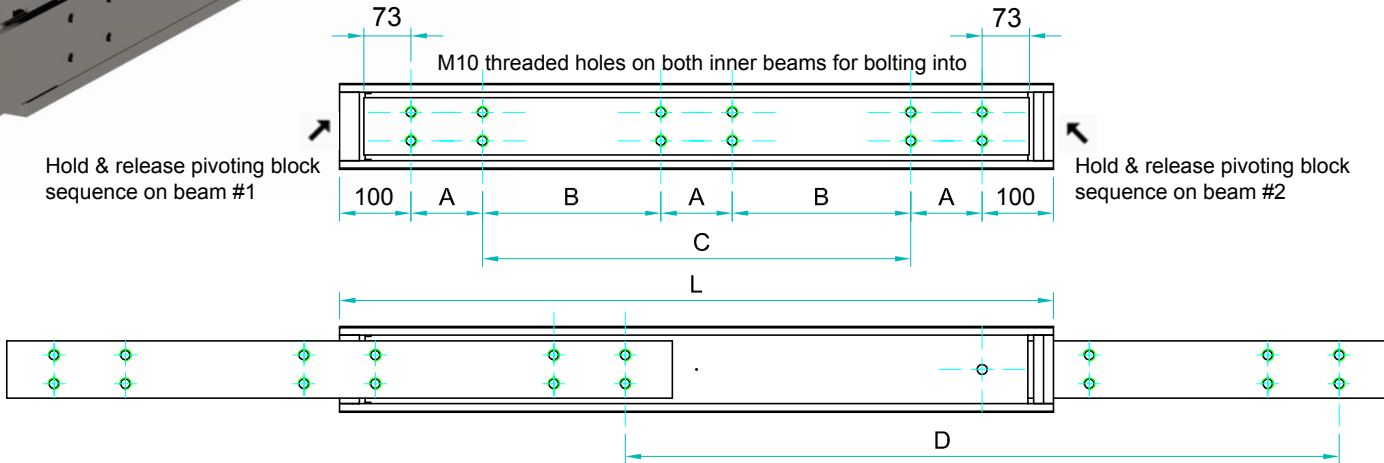
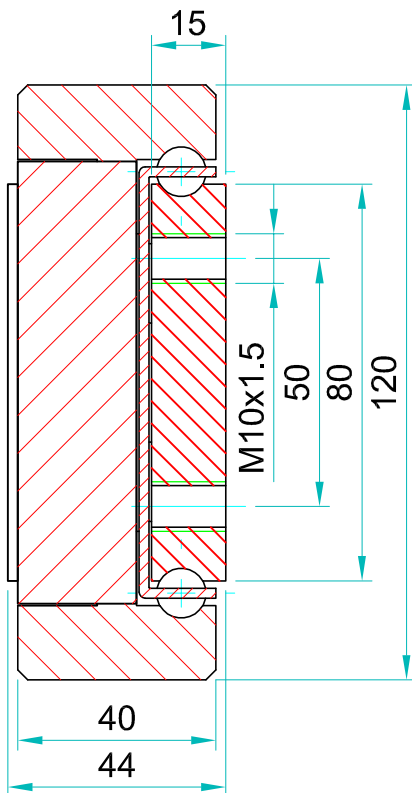


We do not recommend standard DTSB slides on automated/variable robotic pick & place or high speed shuttles. Factory adaptation and customer in situ testing is necessary. Operating speeds <0.3m/s. Consult our engineers ⚠️



Full traversing is 2 x D when the slide is mounted in the open position



DTSB-120 weighs 33.42kg/m. Sold as singles				Drilling Pattern		
Part Number	Closed Length: L	Extension Length: D	Load per Pair: kg	"A"	"B"	"C"
4015.DTSB120.0300	300	300	1480	100	-	-
4015.DTSB120.0350	350	350	1560	50	-	50
4015.DTSB120.0400	400	400	1640	50	-	100
4015.DTSB120.0450	450	450	1720	50	-	150
4015.DTSB120.0500	500	500	1760	50	-	200
4015.DTSB120.0550	550	550	1820	50	-	250
4015.DTSB120.0600	600	600	1850	50	-	300
4015.DTSB120.0650	650	650	1870	50	150	-
4015.DTSB120.0700	700	700	1890	50	175	-
4015.DTSB120.0750	750	750	1860	50	200	-
4015.DTSB120.0800	800	800	1840	100	150	-
4015.DTSB120.0850	850	850	1820	100	175	-
4015.DTSB120.0900	900	900	1790	100	200	-
4015.DTSB120.0950	950	950	1760	100	225	-
4015.DTSB120.1000	1000	1000	1730	100	250	-
4015.DTSB120.1050	1050	1050	1700	100	275	-
4015.DTSB120.1100	1100	1100	1660	100	300	-
4015.DTSB120.1150	1150	1150	1630	100	325	-
4015.DTSB120.1200	1200	1200	1600	100	350	-
4015.DTSB120.1250	1250	1250	1570	100	375	-
4015.DTSB120.1300	1300	1300	1540	100	400	-
4015.DTSB120.1350	1350	1350	1500	100	425	-
4015.DTSB120.1400	1400	1400	1460	100	450	-
4015.DTSB120.1450	1450	1450	1410	100	475	-
4015.DTSB120.1500	1500	1500	1370	100	500	-
4015.DTSB120.1550	1550	1550	1320	100	525	-
4015.DTSB120.1600	1600	1600	1280	100	550	-

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)

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.

DTSB-120 weighs 33.42kg/m. Sold as singles				Drilling Pattern		
Part Number	Closed Length: L	Extension Length: D	Load per Pair: kg	"A"	"B"	"C"
4015.DTSB120.1650	1650	1650	1230	100	575	
4015.DTSB120.1700	1700	1700	1180	100	600	
4015.DTSB120.1750	1750	1750	1130	100	625	
4015.DTSB120.1800	1800	1800	1080	100	650	
4015.DTSB120.1850	1850	1850	1030	100	675	
4015.DTSB120.1900	1900	1900	980	100	700	
4015.DTSB120.1950	1950	1950	920	100	725	
4015.DTSB120.2000	2000	2000	860	100	750	
4015.DTSB120.2050	2050	2050	830	100	775	
4015.DTSB120.2100	2100	2100	800	100	800	
4015.DTSB120.2150	2150	2150	770	100	825	
4015.DTSB120.2200	2200	2200	740	100	850	
4015.DTSB120.2250	2250	2250	710	100	875	
4015.DTSB120.2300	2300	2300	680	100	900	
4015.DTSB120.2350	2350	2350	650	100	925	
4015.DTSB120.2400	2400	2400	620	100	950	
4015.DTSB120.2450	2450	2450	590	100	975	
4015.DTSB120.2500	2500	2500	560	100	1000	
4015.DTSB120.2550	2550	2550	530	100	1025	
4015.DTSB120.2600	2600	2600	500	100	1050	
4015.DTSB120.2650	2650	2650	470	100	1075	
4015.DTSB120.2700	2700	2700	440	100	1100	
4015.DTSB120.2750	2750	2750	410	100	1125	
4015.DTSB120.2800	2800	2800	380	100	1150	
4015.DTSB120.2850	2850	2850	350	100	1175	
4015.DTSB120.2900	2900	2900	320	100	1200	
4015.DTSB120.2950	2950	2950	290	100	1225	
4015.DTSB120.3000	3000	3000	260	100	1250	

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°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



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.