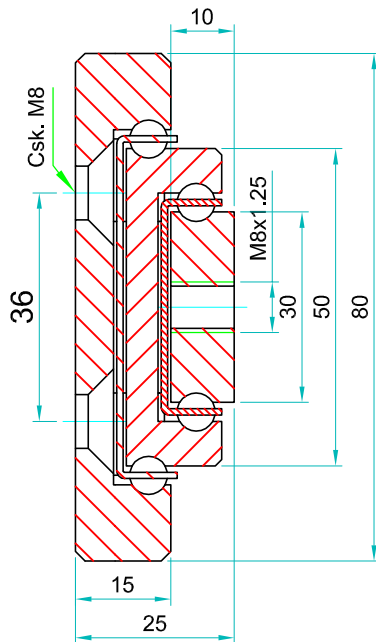


Ball cage alignment in above diagram is for illustrational purposes only



Part number	TSR-80 weighs 10.46 kg/m. Sold as singles		Drilling pattern			
	Closed Length :L	Extension Length:D	Load per Pair: kg	"A"	"B"	"C"
4015.TSR080.0300	300	300	390	50	-	100
4015.TSR080.0350	350	350	400	50	-	150
4015.TSR080.0400	400	400	405	50	-	200
4015.TSR080.0450	450	450	410	50	-	250
4015.TSR080.0500	500	500	415	50	-	300
4015.TSR080.0550	550	550	420	50	-	350
4015.TSR080.0600	600	600	425	50	-	400
4015.TSR080.0650	650	650	435	50	200	-
4015.TSR080.0700	700	700	430	50	225	-
4015.TSR080.0750	750	750	425	50	250	-
4015.TSR080.0800	800	800	420	50	275	-
4015.TSR080.0850	850	850	410	50	300	-
4015.TSR080.0900	900	900	400	50	325	-
4015.TSR080.0950	950	950	390	50	350	-
4015.TSR080.1000	1000	1000	380	50	375	-
4015.TSR080.1050	1050	1050	370	50	400	-
4015.TSR080.1100	1100	1100	360	50	425	-
4015.TSR080.1150	1150	1150	345	50	450	-
4015.TSR080.1200	1200	1200	330	50	475	-
4015.TSR080.1250	1250	1250	315	50	500	-
4015.TSR080.1300	1300	1300	300	50	525	-
4015.TSR080.1350	1350	1350	280	50	550	-
4015.TSR080.1400	1400	1400	260	50	575	-
4015.TSR080.1450	1450	1450	250	50	600	-
4015.TSR080.1500	1500	1500	240	50	625	-
4015.TSR080.1550	1550	1550	230	50	650	-
4015.TSR080.1600	1600	1600	220	50	675	-
4015.TSR080.1650	1650	1650	210	50	700	-
4015.TSR080.1700	1700	1700	200	100	650	-
4015.TSR080.1750	1750	1750	190	100	675	-
4015.TSR080.1800	1800	1800	180	100	700	-
4015.TSR080.1850	1850	1850	170	100	725	-
4015.TSR080.1900	1900	1900	160	100	750	-
4015.TSR080.1950	1950	1950	150	100	775	-
4015.TSR080.2000	2000	2000	140	100	800	-



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 $+250^{\circ}\text{C}$ 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

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.

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.