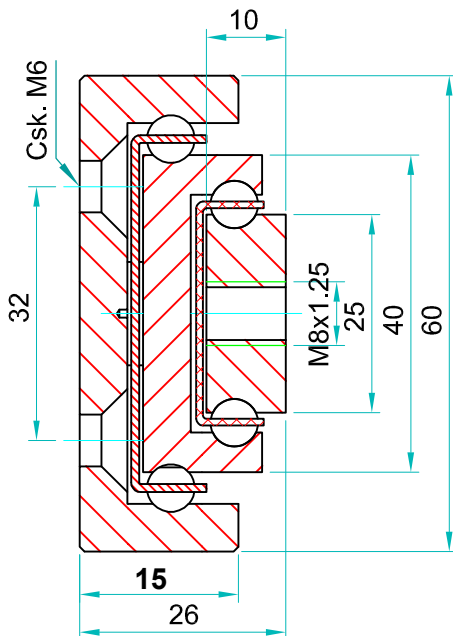
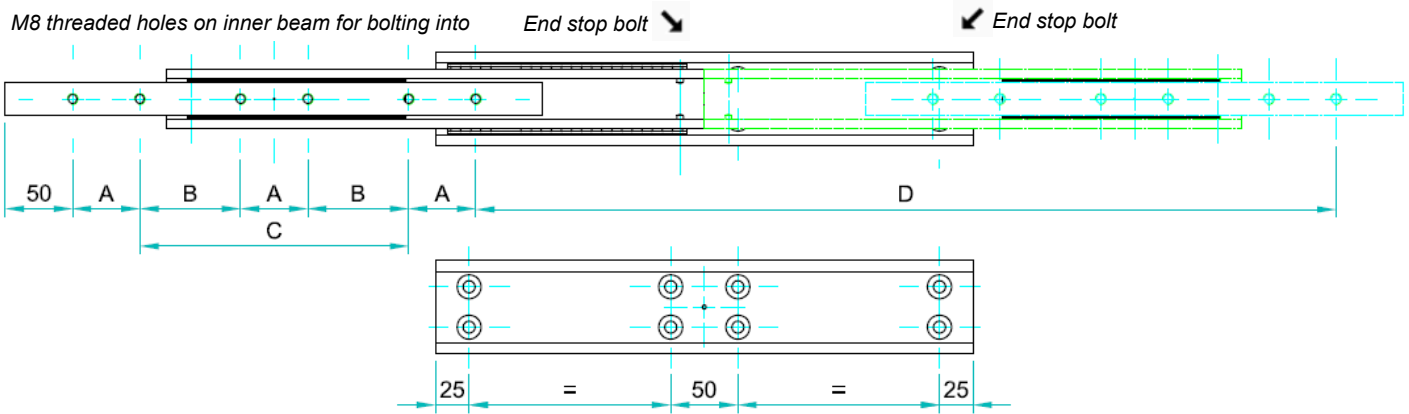




Note: TSRT slide beams traverse without sequencing or hold & release devices. Not designed for vibrating vehicle mount or robotics



| TSRT-60 weighs 11.42 kg/m. Sold as singles |                 |                    |                   | Drilling pattern |     |     |
|--------------------------------------------|-----------------|--------------------|-------------------|------------------|-----|-----|
| Part number                                | Closed Length;L | Extension Length;D | Load per Pair: kg | "A"              | "B" | "C" |
| 4015.TSRT060.0300                          | 300             | 300                | 274               | 50               | -   | 100 |
| 4015.TSRT060.0350                          | 350             | 350                | 279               | 50               | -   | 150 |
| 4015.TSRT060.0400                          | 400             | 400                | 284               | 50               | -   | 200 |
| 4015.TSRT060.0450                          | 450             | 450                | 288               | 50               | -   | 250 |
| 4015.TSRT060.0500                          | 500             | 500                | 294               | 50               | -   | 300 |
| 4015.TSRT060.0550                          | 550             | 550                | 300               | 50               | 150 |     |
| 4015.TSRT060.0600                          | 600             | 600                | 307               | 50               | 175 |     |
| 4015.TSRT060.0650                          | 650             | 650                | 314               | 50               | 200 | -   |
| 4015.TSRT060.0700                          | 700             | 700                | 310               | 50               | 225 | -   |
| 4015.TSRT060.0750                          | 750             | 750                | 306               | 50               | 250 | -   |
| 4015.TSRT060.0800                          | 800             | 800                | 300               | 50               | 275 | -   |
| 4015.TSRT060.0850                          | 850             | 850                | 292               | 50               | 300 | -   |
| 4015.TSRT060.0900                          | 900             | 900                | 286               | 50               | 325 | -   |
| 4015.TSRT060.0950                          | 950             | 950                | 280               | 50               | 350 | -   |
| 4015.TSRT060.1000                          | 1000            | 1000               | 272               | 50               | 375 | -   |
| 4015.TSRT060.1050                          | 1050            | 1050               | 262               | 50               | 400 | -   |
| 4015.TSRT060.1100                          | 1100            | 1100               | 252               | 50               | 425 | -   |
| 4015.TSRT060.1150                          | 1150            | 1150               | 242               | 50               | 450 | -   |
| 4015.TSRT060.1200                          | 1200            | 1200               | 232               | 50               | 475 | -   |
| 4015.TSRT060.1250                          | 1250            | 1250               | 222               | 50               | 500 | -   |
| 4015.TSRT060.1300                          | 1300            | 1300               | 212               | 50               | 525 | -   |
| 4015.TSRT060.1350                          | 1350            | 1350               | 200               | 50               | 550 | -   |
| 4015.TSRT060.1400                          | 1400            | 1400               | 190               | 50               | 575 | -   |
| 4015.TSRT060.1450                          | 1450            | 1450               | 180               | 50               | 600 | -   |
| 4015.TSRT060.1500                          | 1500            | 1500               | 170               | 50               | 625 | -   |
| 4015.TSRT060.1550                          | 1550            | 1550               | 160               | 50               | 650 | -   |
| 4015.TSRT060.1600                          | 1600            | 1600               | 150               | 50               | 675 | -   |



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°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

#### 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.