



| SKDTS-50 weighs 12.86kg/m. Sold as singles |                  |                     |                   | Drilling Pattern |     |     |
|--|------------------|---------------------|-------------------|------------------|-----|-----|
| Part Number                                | Closed Length: L | Extension length: D | Load per Pair: kg | "A"              | "B" | "C" |
| 4015.SKDTS050.0200                         | 200              | 200                 | 70                | 50               | -   | -   |
| 4015.SKDTS050.0250                         | 250              | 250                 | 70                | 50               | -   | 50  |
| 4015.SKDTS050.0300                         | 300              | 300                 | 75                | 50               | -   | 100 |
| 4015.SKDTS050.0350                         | 350              | 350                 | 80                | 50               | -   | 150 |
| 4015.SKDTS050.0400                         | 400              | 400                 | 85                | 50               | -   | 200 |
| 4015.SKDTS050.0450                         | 450              | 450                 | 90                | 50               | -   | 250 |
| 4015.SKDTS050.0500                         | 500              | 500                 | 95                | 50               | -   | 300 |
| 4015.SKDTS050.0550                         | 550              | 550                 | 95                | 50               | 150 | -   |
| 4015.SKDTS050.0600                         | 600              | 600                 | 90                | 50               | 175 | -   |
| 4015.SKDTS050.0650                         | 650              | 650                 | 85                | 50               | 200 | -   |
| 4015.SKDTS050.0700                         | 700              | 700                 | 80                | 50               | 225 | -   |
| 4015.SKDTS050.0750                         | 750              | 750                 | 75                | 50               | 250 | -   |
| 4015.SKDTS050.0800                         | 800              | 800                 | 70                | 50               | 275 | -   |
| 4015.SKDTS050.0850                         | 850              | 850                 | 68                | 50               | 300 | -   |
| 4015.SKDTS050.0900                         | 900              | 900                 | 66                | 50               | 325 | -   |
| 4015.SKDTS050.0950                         | 950              | 950                 | 64                | 50               | 350 | -   |
| 4015.SKDTS050.1000                         | 1000             | 1000                | 62                | 50               | 375 | -   |
| 4015.SKDTS050.1050                         | 1050             | 1050                | 60                | 50               | 400 | -   |
| 4015.SKDTS050.1100                         | 1100             | 1100                | 58                | 50               | 425 | -   |
| 4015.SKDTS050.1150                         | 1150             | 1150                | 56                | 50               | 450 | -   |
| 4015.SKDTS050.1200                         | 1200             | 1200                | 54                | 50               | 475 | -   |
| 4015.SKDTS050.1250                         | 1250             | 1250                | 52                | 50               | 500 | -   |
| 4015.SKDTS050.1300                         | 1300             | 1300                | 50                | 50               | 525 | -   |
| 4015.SKDTS050.1350                         | 1350             | 1350                | 48                | 50               | 550 | -   |
| 4015.SKDTS050.1400                         | 1400             | 1400                | 46                | 50               | 575 | -   |
| 4015.SKDTS050.1450                         | 1450             | 1450                | 44                | 50               | 600 | -   |
| 4015.SKDTS050.1500                         | 1500             | 1500                | 42                | 50               | 625 | -   |
| 4015.SKDTS050.1550                         | 1550             | 1550                | 40                | 50               | 650 | -   |
| 4015.SKDTS050.1600                         | 1600             | 1600                | 38                | 50               | 675 | -   |



Professional Range - **Stainless Steel**

Full Extension Base Mounted

Type: SKDTS-50

Version: 2023/1

# SKDTS-50

**SLIDING**  
SYSTEMS

Options:

'MM'- Both beams threaded

'FF' - Both beams countersunk

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

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

**Do not dismantle the slide!**



The maximum safe working load for KDTS is stated for a fully extended pair of slides, mounted flat. Use all fixing holes and spread the load evenly across the inner beam. Deflection is calculated at approx 1% of the closed length, at or near full load capacity.



If mounting SKDTS on the direct axis, upright as in the image above, increase the load capacity by between 300-400% ,depending on the slide length. Or contact our engineers to request accurate FEA load analysis for OEM projects. We load rate per fully extended pair of SKDTS slides on the indirect axis, flat, with uniform loading across the beams. If load capacities need to be increased, please contact us for technical advice.

**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 & stopping 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



**'Global Company, Global Reach'**