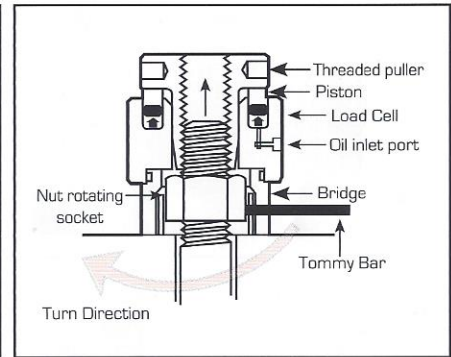
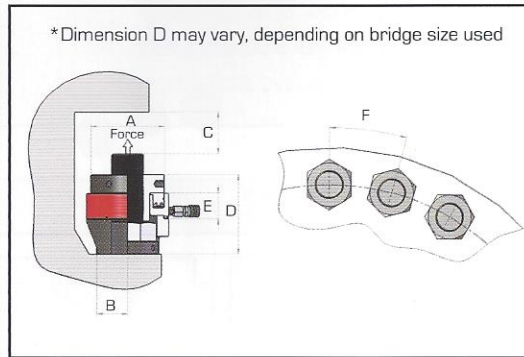
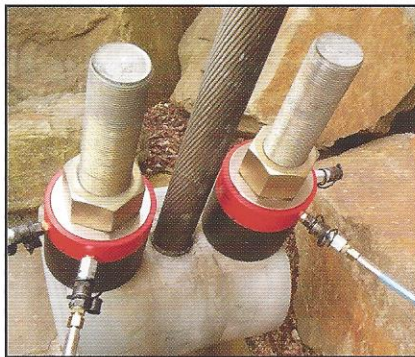


TOPSIDE STUD BOLT TENSIONERS - IMPERIAL RANGE

- >> Capacities from 23.9 to 270.0 Ton
- >> Wear plated piston
- >> Maximum piston stroke indicator
- >> Suitable for single or multi-tensioning applications
- >> Working pressure 21,750 PSI
- >> Single acting design
- >> Bolt sizes from 3/4" to 4"
- >> Specially designed tensioners available on request



| Model Number | Stud Bolt Threads | | Capacity kN Tons | Effective | | | |
|--------------|-------------------|----------|---------------------|-------------------------|------------------|---------------|-------|
| | Thread Size | Per Inch | | Area In ² | Stroke Inches | Weight Lbs | |
| STS1-075 | 3/4" | 10 | 234 | 23.9 | 2.496 | 0.4 | 3.74 |
| STS1-087 | 7/8" | 9 | 234 | 23.9 | 2.496 | 0.4 | 3.74 |
| STS1-100 | 1" | 8 | 234 | 23.9 | 2.496 | 0.4 | 3.74 |
| STS1-112 | 1 1/8" | 8 | 234 | 23.9 | 2.496 | 0.4 | 3.74 |
| STS2-125 | 1 1/4" | 8 | 457 | 46.6 | 4.880 | 0.6 | 7.70 |
| STS2-137 | 1 3/8" | 8 | 457 | 46.6 | 4.880 | 0.6 | 7.70 |
| STS2-150 | 1 1/2" | 8 | 457 | 46.6 | 4.880 | 0.6 | 7.70 |
| STS3-162 | 1 5/8" | 8 | 822 | 83.8 | 8.768 | 0.6 | 13.42 |
| STS3-175 | 1 3/4" | 8 | 822 | 83.8 | 8.768 | 0.6 | 13.42 |
| STS3-187 | 1 7/8" | 8 | 822 | 83.8 | 8.768 | 0.6 | 13.42 |
| STS3-200 | 2" | 8 | 822 | 83.8 | 8.768 | 0.6 | 13.42 |
| STS4-187 | 1 7/8" | 8 | 1264 | 128.9 | 13.488 | 0.6 | 23.32 |
| STS4-200 | 2" | 8 | 1264 | 128.9 | 13.488 | 0.6 | 23.32 |
| STS4-225 | 2 1/4" | 8 | 1264 | 128.9 | 13.488 | 0.6 | 23.32 |
| STS4-250 | 2 1/2" | 8 | 1264 | 128.9 | 13.488 | 0.6 | 23.32 |
| STS5-250 | 2 1/2" | 8 | 1833 | 186.9 | 19.552 | 0.6 | 35.20 |
| STS5-275 | 2 3/4" | 8 | 1833 | 186.9 | 19.552 | 0.6 | 35.20 |
| STS5-300 | 3" | 8 | 1833 | 186.9 | 19.552 | 0.6 | 35.20 |
| STS6-300 | 3" | 8 | 2649 | 270.0 | 28.256 | 0.6 | 51.70 |
| STS6-325 | 3 1/4" | 8 | 2649 | 270.0 | 28.256 | 0.6 | 51.70 |
| STS6-350 | 3 1/2" | 8 | 2649 | 270.0 | 28.256 | 0.6 | 51.70 |
| STS6-375 | 3 3/4" | 8 | 2649 | 270.0 | 28.256 | 0.6 | 51.70 |
| STS6-400 | 4" | 8 | 2649 | 270.0 | 28.256 | 0.6 | 51.70 |

| Dimensions In Inches | | | | | |
|----------------------|------|-------|-------|------|------|
| A | B | C min | D | E | F |
| 2.96 | 1.12 | 2.96 | 3.60 | 1.80 | 2.04 |
| 2.96 | 1.12 | 2.96 | 3.60 | 1.80 | 2.16 |
| 2.96 | 1.20 | 3.20 | 3.92 | 1.80 | 2.44 |
| 2.96 | 1.20 | 3.20 | 3.92 | 1.80 | 2.56 |
| 4.08 | 1.56 | 4.12 | 5.12 | 2.16 | 2.96 |
| 4.08 | 1.56 | 4.12 | 5.12 | 2.16 | 3.08 |
| 4.08 | 1.56 | 4.12 | 5.12 | 2.16 | 3.20 |
| 5.32 | 1.88 | 4.60 | 6.00 | 2.24 | 3.68 |
| 5.32 | 1.88 | 4.60 | 6.00 | 2.24 | 3.72 |
| 5.32 | 1.88 | 4.60 | 6.00 | 2.24 | 3.88 |
| 5.32 | 2.00 | 4.68 | 6.20 | 2.24 | 4.16 |
| 6.52 | 2.00 | 4.76 | 5.96 | 2.28 | 4.16 |
| 6.52 | 2.48 | 4.76 | 5.96 | 2.28 | 4.24 |
| 6.52 | 2.48 | 5.40 | 6.60 | 2.28 | 4.84 |
| 6.52 | 2.48 | 5.40 | 6.60 | 2.28 | 5.08 |
| 7.72 | 2.92 | 5.80 | 7.48 | 2.40 | 5.36 |
| 7.72 | 2.92 | 5.80 | 7.48 | 2.40 | 5.60 |
| 7.72 | 2.92 | 5.80 | 7.48 | 2.40 | 5.88 |
| 9.32 | 3.36 | 7.12 | 8.64 | 2.56 | 6.44 |
| 9.32 | 3.36 | 7.12 | 8.64 | 2.56 | 6.68 |
| 9.32 | 3.36 | 7.12 | 8.64 | 2.56 | 6.88 |
| 9.32 | 4.20 | 8.20 | 10.28 | 2.56 | 7.64 |
| 9.32 | 4.20 | 8.20 | 10.28 | 2.56 | 7.84 |

Note: Weight is for load cell and bridge only. Total weight of complete assembly depends on size of puller and nut rotating socket selected.