

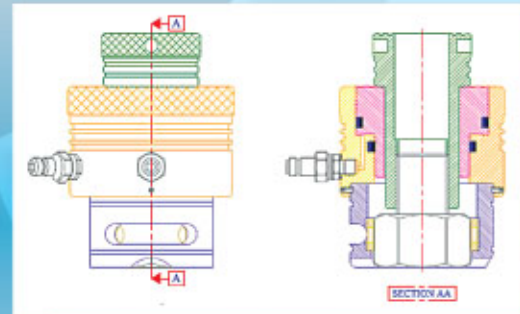
## Bolt Tensioner

- ✓ Cover full range of bolt sizes from 3/4" to 5 1/2"
- ✓ Up to work load of 500 Tonnage Force

### Technical Specification

| MODEL | BOLT DIA        |             | MAX LOAD |        | HYDRAULIC AREA  |                 | TOOL WEIGHT |      |
|-------|-----------------|-------------|----------|--------|-----------------|-----------------|-------------|------|
|       | in              | mm          | TONF     | KN     | in <sup>2</sup> | mm <sup>2</sup> | lb          | kg   |
| BT0   | 3/4" - 1 1/8"   | M20 - M22   | 14.4     | 143.5  | 1.48            | 954             | 2.9         | 1.3  |
| BT1   | 1" - 1 1/8"     | M24         | 28.6     | 284.96 | 2.95            | 1903            | 7.7         | 3.5  |
| BT2   | 1" - 1 1/2"     | M24 - M36   | 46.0     | 458.3  | 4.74            | 3058            | 12.1        | 5.5  |
| BT3   | 1 1/4" - 1 3/4" | M33 - M42   | 67.0     | 667.8  | 6.90            | 4452            | 15.4        | 7.0  |
| BT4   | 1 1/2" - 2"     | M39 - M48   | 101.1    | 1007.3 | 10.41           | 6716            | 22.1        | 10.0 |
| BT5   | 2" - 2 1/4"     | M52 - M56   | 130.6    | 1301.2 | 13.45           | 8677            | 33.1        | 15.0 |
| BT6   | 2 1/4" - 2 3/4" | M56 - M68   | 152.5    | 1514.5 | 15.71           | 10135           | 37.5        | 17.0 |
| BT7   | 2 3/4" - 3"     | M72 - M76   | 210.5    | 2097.3 | 21.67           | 13980           | 57.3        | 26.0 |
| BT8   | 3" - 3 1/2"     | M76 - M90   | 247.5    | 2466.0 | 25.49           | 16445           | 65.0        | 29.5 |
| BT9   | 3 3/4" - 4"     | M95 - M100  | 331.0    | 3297.9 | 34.09           | 21991           | 86.0        | 38.0 |
| BT10  | 4 1/4" - 4 1/2" | M105 - M115 | 389.9    | 3884.8 | 40.15           | 25935           | 108.0       | 49.0 |
| BT11  | 4 1/2" - 4 3/4" | M120 - M125 | 400.5    | 3990.4 | 41.25           | 27120           | 119.1       | 54   |
| BT12  | 5" - 5 1/2"     | M125 - M150 | 466.7    | 4650   | 48.05           | 31591           | 165.4       | 75   |

- Accurate and Fast - Simultaneous multiple tensioning
- Reliable - Robust Cylinders
- Quality and Safe - Utilising high-strength alloy steel
- Quick and Easy - Incorporating two quick disconnects nipples
- Superior hydraulic seals for enhanced performance
- Wide tooling range for different bolt/stud sizes up to 500 TonF



### ANSI Flange Selection

|            | BT0 | BT1 | BT2 | BT3 | BT4 | BT5 | BT6 | BT7 | BT8 |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1/2 (15)   |     |     |     |     |     |     |     |     |     |
| 3/4 (20)   |     |     |     |     |     |     |     |     |     |
| 1 (25)     |     |     |     |     |     |     |     |     |     |
| 1 1/2 (40) |     |     |     |     |     |     |     |     |     |
| 2 (50)     |     |     |     |     |     |     |     |     |     |
| 3 (80)     |     |     |     |     |     |     |     |     |     |
| 4 (100)    |     |     |     |     |     |     |     |     |     |
| 6 (150)    |     |     |     |     |     |     |     |     |     |
| 8 (200)    |     |     |     |     |     |     |     |     |     |
| 10 (250)   |     |     |     |     |     |     |     |     |     |
| 12 (300)   |     |     |     |     |     |     |     |     |     |
| 14 (350)   |     |     |     |     |     |     |     |     |     |
| 16 (400)   |     |     |     |     |     |     |     |     |     |
| 18 (450)   |     |     |     |     |     |     |     |     |     |
| 20 (500)   |     |     |     |     |     |     |     |     |     |
| 24 (600)   |     |     |     |     |     |     |     |     |     |
| 26 (650)   |     |     |     |     |     |     |     |     |     |
| 28 (700)   |     |     |     |     |     |     |     |     |     |
| 30 (750)   |     |     |     |     |     |     |     |     |     |
| 32 (800)   |     |     |     |     |     |     |     |     |     |
| 34 (850)   |     |     |     |     |     |     |     |     |     |
| 36 (900)   |     |     |     |     |     |     |     |     |     |

NPS: Nominal Pipe Size (Inches)  
DN: Diameter Nominal (mm)

Tool operates up to maximum pressure of 21,750 psi / 1500 bar