



***Norwolf Tool Works, Inc.***

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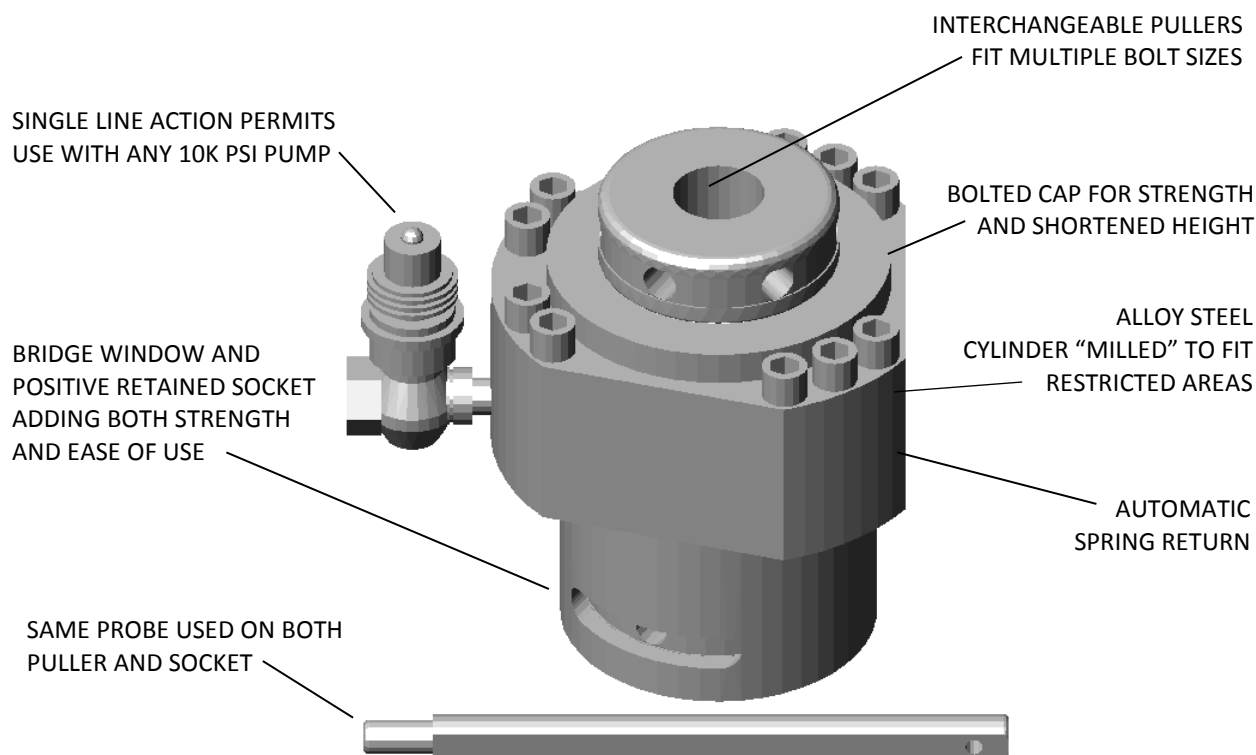
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# ***X - BOT***

## ***EXTREME BOLT TENSIONER***



| X-BOT EXTREME BOLT TENSIONER |                 |                     |        |  |            |                     |
|------------------------------|-----------------|---------------------|--------|--|------------|---------------------|
|                              | IMPERIAL        |                     |        |  | METRIC     |                     |
|                              | BOLT RANGE      | MAX. LOAD @ 10k PSI | STROKE |  | BOLT RANGE | MAX. LOAD @ 700 BAR |
| X-BOT 1                      | 3/4" - 1-1/8"   | 50k LBS.            | .28"   |  | M20 - M27  | 222 kN              |
| X-BOT 2                      | 1-1/8" - 1-1/2" | 86k LBS.            | .375"  |  | M27 - M39  | 383 kN              |
| X-BOT 3                      | 1-1/2" - 2"     | 162k LBS.           | .375"  |  | M39 - M52  | 720 kN              |
| X-BOT 4                      | 1-7/8" - 2-1/2" | 253k LBS.           | .625"  |  | M48 - M64  | 1,125 kN            |
| X-BOT 5                      | 2-1/2" - 3"     | 368k LBS.           | .625"  |  | M64 - M76  | 1,638 kN            |
| X-BOT 6                      | 3" - 4"         | 548k LBS.           | .625"  |  | M76 - M100 | 2,439 kN            |
|                              |                 |                     |        |  |            | STROKE              |
|                              |                 |                     |        |  |            | 7.11 MM             |
|                              |                 |                     |        |  |            | 9.5 MM              |
|                              |                 |                     |        |  |            | 9.5 MM              |
|                              |                 |                     |        |  |            | 16 MM               |
|                              |                 |                     |        |  |            | 16 MM               |
|                              |                 |                     |        |  |            | 16 MM               |