


THE BT-SERIES HYDRAULIC BOLT TENSIONERS WILL ENSURE UNIFORMED GASKET COMPRESSION.

Compression is essential for the integrity of critical bolted flange connections. BT Series Bolt Tensioners are capable of tightening more than one bolt at a time and can apply a consistent load via direct axial stretching to any given number of bolts simultaneously. These tensioners have been designed to fit all standard ANSI & API flanges.



Bolt Range
M24 - M90
1" - 3.1/2"

Capacity
458 - 2466 kN

Stroke
10 mm

Max Operating Pressure
1,500 Bar

BOLTING SOLUTIONS

NICKEL PLATED
 extra protection
 easily maintained

DUAL PORTS
 allow quick coupling
 of multiple tools

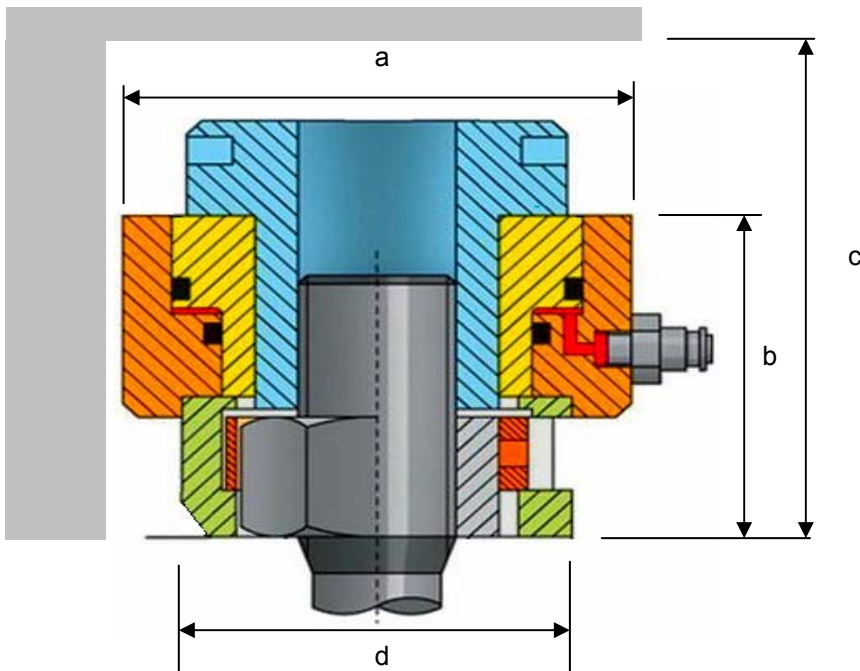


MULTIPLE SIZES
 for thread adapters
 per load cell

KNURLED FINISH
 provides anti-slip grip
 for better handling

MULTIPLE SIZES
 for bridge and
 nut rotating disc
 per load cell



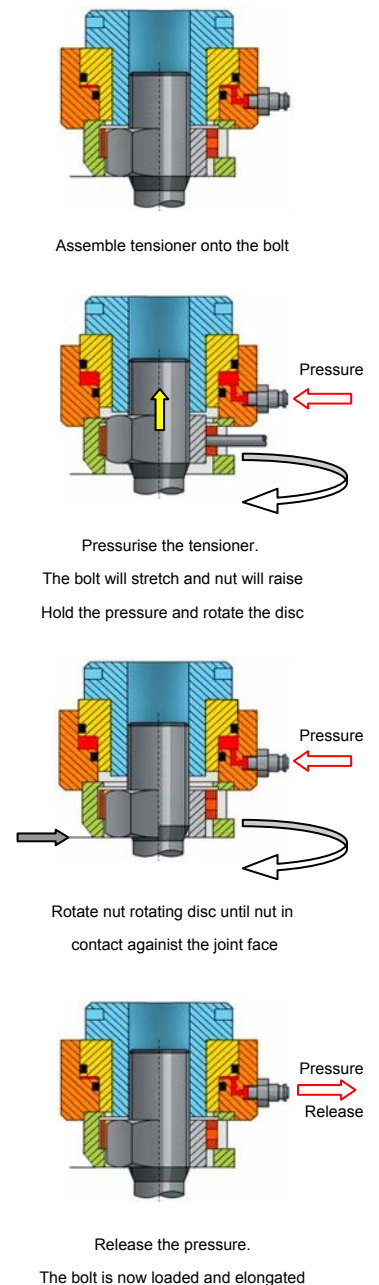


- Puller / Thread Insert
- Load Cell Piston
- Load Cell Housing
- Bridge
- Nut Rotating Disc

Maximum working pressure = 21,750 psi (1,500bar)

Model	Bolt Dia		Ram Area mm ²	Load KN	Weight Kg	a mm	b mm	c mm	d mm
	in	mm							
BT2	1"	M24	3058	459	5	109	113	156.4	75
		M27					113	156.4	75
	1 1/8"	M30					116	164.4	90
	1 1/4"	M33					119	170.4	92
	1 3/8"	M36					122	176.4	96
BT4	1 1/2"	M39	6716	1007	9.5	146	132	190	113
	1 5/8"	M42					136	197	113
	1 3/4"	M45					139	203	118
	1 7/8"	M48					142	209	124
	2"						145	216	128
BT6	2 1/4"	M56	10135	1520	16.5	184	153	232.6	148
		M60					153	232.6	148
	2 1/2"	M64					158	245	153
	2 3/4"	M68					165	258.1	164
BT8	3"	M76	16445	2467	29	240	173	272	180
		M80					173	272	180
	3 1/4"	M85					180	285	190
	3 1/2"	M90					185	297	205

TENSIONING PROCEDURE



FEATURES & BENEFITS

- ◆ High quality polyurethane seals for reliable, leak free operation
- ◆ Only 4 tools model to cover bolt dia M24 to M90
- ◆ Powerful bolt load capacity
- ◆ 10mm Stroke
- ◆ Special sizes available on request

Note : Product development is constantly taking place and dimensions may alter without prior notice
Bolt protrusion above nut surface minimum 1 x bolt diameter