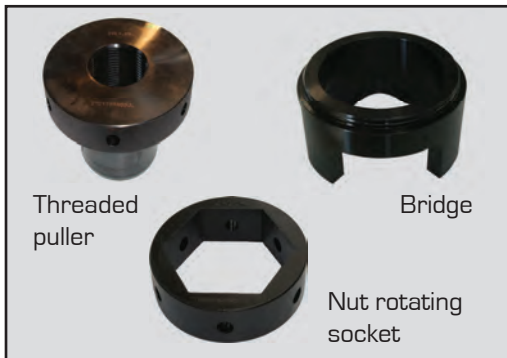


STS - BOLT TENSIONER COMPONENTS - IMPERIAL



For use with STS Imperial Tensioners

Modular design

Offers greater versatility

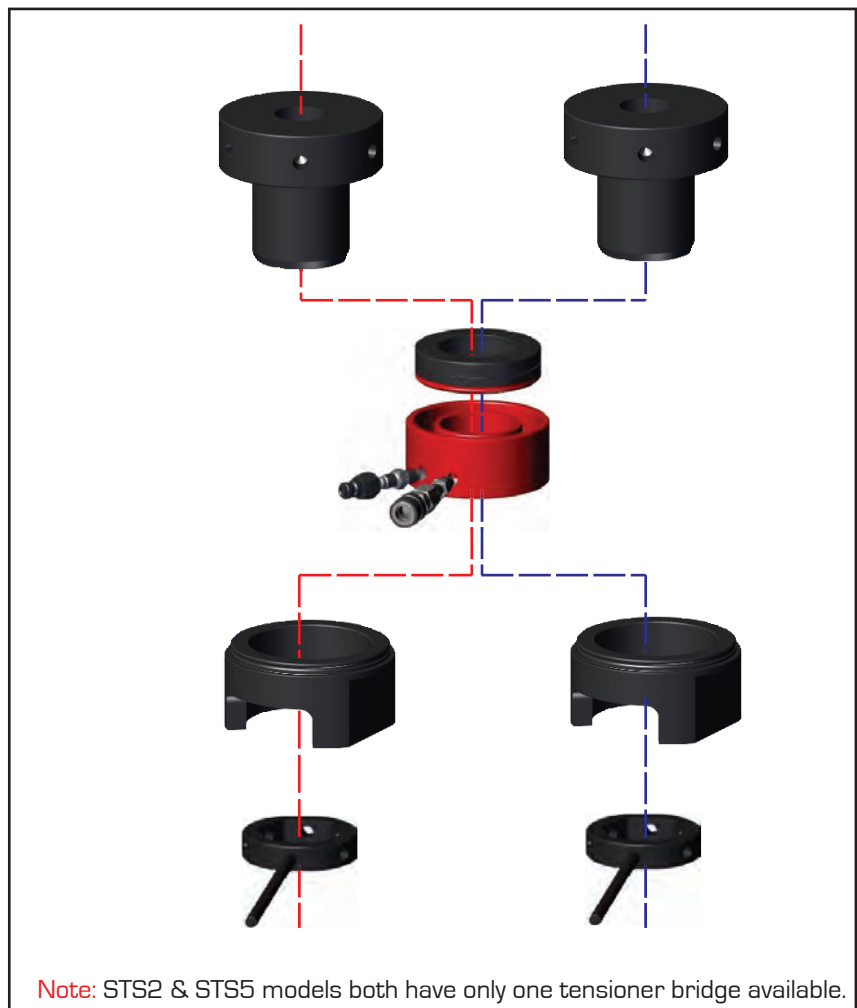
The modular design of Hi-Force STS series topside hydraulic bolt tensioners enables the user to adapt an existing STS tensioner assembly to another thread size, within the tensioner range, by purchasing individual components or a simple conversion kit. By changing the required components (see drawing and table on the next page), Hi-Force STS bolt tensioners offer the user even greater versatility at an economical cost.

Tensioner models STS1, STS3, STS4 & STS6 are available with two different bridge sizes, hence always check whether or not the required thread change is possible within the bridge size (please follow coloured lines in below drawing). Make sure that all components match up. **DO NOT** mix components from different colour lines. A large bridge will require the usage of a long threaded puller to ensure sufficient thread engagement, as well as a large size nut rotating socket.

G

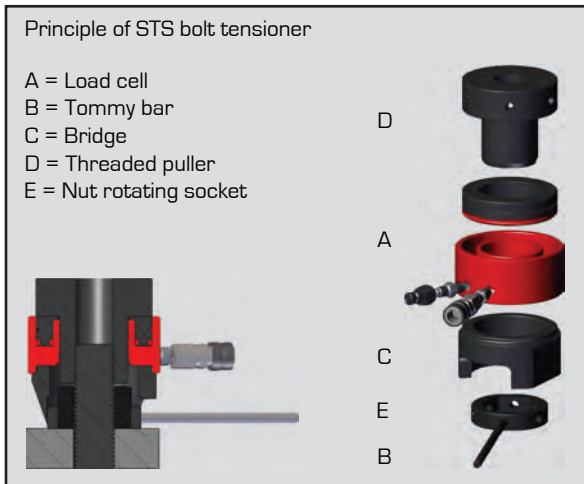
Changes within the same colour code **DO NOT** require a bridge change however, changes from the red to blue line (or vice versa) **MUST** include a relative bridge also.

The next page will provide part numbers for all the tensioner components, for which the same colour coding is used, i.e. red represents the smaller bolt sizes within the tensioner range, comprising of short threaded adaptor, load cell, small bridge, small nut rotating socket and tommy bar. The blue line represents the larger bolt sizes within the tensioner range, in which case the tensioner is built from the long threaded adaptor, load cell, large bridge, large nut rotating socket and tommy bar.



Don't forget to order your tommy bars when purchasing Hi-Force Bolt tensioners, Hi-Force recommends the purchase of one tommy bar for every four tensioners.

STS - BOLT TENSIONER COMPONENTS - IMPERIAL



This table provides all the information to select the components to modify your existing tensioner to suit another bolt size. Changes are only possible within the same tensioner size. It is essential that all the components or selected conversion kits have the same suffix as the target tensioner size (i.e. B1, B2 or B3).

Examples:

To change from STS3-162B1 to STS3-187B1 would require conversion kit CK3-187B1 only.

To change from STS3-187B1 to STS3-200B2 would require conversion kit CK3-200B2 and bridge STS3-B2.

- Denotes smaller bridge size within tensioner range
- Denotes larger bridge size within tensioner range
- Denotes one bridge size within tensioner range

Complete tensioner Model number	Bolt Thread	Individual components					D & E Complete conversion kit
		A Load cell	B Tommy bar	C Bridge	Available as conversion kit D - Threaded puller E - Rotating socket		
For tensioner range STS1:							
STS1-075B1	3/4"	STS1-LC	TTB06	STS1-B1	TP1-075B1	RS1-32B1	CK1-075B1
STS1-087B1	7/8"			TP1-087B1	RS1-37B1	CK1-087B1	
STS1-100B2	1"	STS1-LC	TTB06	STS1-B2	TP1-100B2	RS1-41B2	CK1-100B2
STS1-112B2	1 1/8"			TP1-112B2	RS1-46B2	CK1-112B2	
For tensioner range STS2:							
STS2-125B1	1 1/4"	STS2-LC	TTB08	STS2-B1	TP2-125B1	RS2-51B1	CK2-125B1
STS2-137B1	1 3/8"			TP2-137B1	RS2-56B1	CK2-137B1	
STS2-150B1	1 1/2"	STS2-LC	TTB08	STS2-B1	TP2-150B1	RS2-60B1	CK2-150B1
STS2-150B1	1 1/2"			TP2-150B1	RS2-60B1	CK2-150B1	
For tensioner range STS3:							
STS3-162B1	1 5/8"	STS3-LC	TTB10	STS3-B1	TP3-162B1	RS3-65B1	CK3-162B1
STS3-175B1	1 3/4"			TP3-175B1	RS3-70B1	CK3-175B1	
STS3-187B1	1 7/8"	STS3-LC	TTB10	STS3-B1	TP3-187B1	RS3-75B1	CK3-187B1
STS3-175B2	1 3/4"			TP3-175B2	RS3-70B2	CK3-175B2	
STS3-187B2	1 7/8"	STS3-LC	TTB10	STS3-B2	TP3-187B2	RS3-75B2	CK3-187B2
STS3-200B2	2"			TP3-200B2	RS3-80B2	CK3-200B2	
For tensioner range STS4:							
STS4-187B1	1 7/8"	STS4-LC	TTB10	STS4-B1	TP4-187B1	RS4-75B1	CK4-187B1
STS4-200B1	2"			TP4-200B1	RS4-80B1	CK4-200B1	
STS4-200B2	2"	STS4-LC	TTB10	STS4-B1	TP4-200B2	RS4-80B2	CK4-200B2
STS4-225B2	2 1/4"			TP4-225B2	RS4-90B2	CK4-225B2	
STS4-250B2	2 1/2"	STS4-LC	TTB10	STS4-B2	TP4-250B2	RS4-98B2	CK4-250B2
STS4-250B2	2 1/2"			TP4-250B2	RS4-98B2	CK4-250B2	
For tensioner range STS5:							
STS5-250B1	2 1/2"	STS5-LC	TTB14	STS5-B1	TP5-250B1	RS5-100B1	CK5-250B1
STS5-275B1	2 3/4"			TP5-275B1	RS5-108B1	CK5-275B1	
STS5-300B1	3"	STS5-LC	TTB14	STS5-B1	TP5-300B1	RS5-118B1	CK5-300B1
STS5-300B1	3"			TP5-300B1	RS5-118B1	CK5-300B1	
For tensioner range STS6:							
STS6-300B1	3"	STS6-LC	TTB14	STS6-B1	TP6-300B1	RS6-118B1	CK6-300B1
STS6-325B1	3 1/4"			TP6-325B1	RS6-127B1	CK6-325B1	
STS6-350B1	3 1/2"	STS6-LC	TTB14	STS6-B1	TP6-350B1	RS6-137B1	CK6-350B1
STS6-375B3	3 3/4"			TP6-375B3	RS6-146B3	CK6-375B3	
STS6-400B3	4"	STS6-LC	TTB14	STS6-B3	TP6-400B3	RS6-156B3	CK6-400B3
STS6-400B3	4"			TP6-400B3	RS6-156B3	CK6-400B3	

Note: Remember to check bridge compatibility for STS1, STS3, STS4 and STS6 models when ordering components.