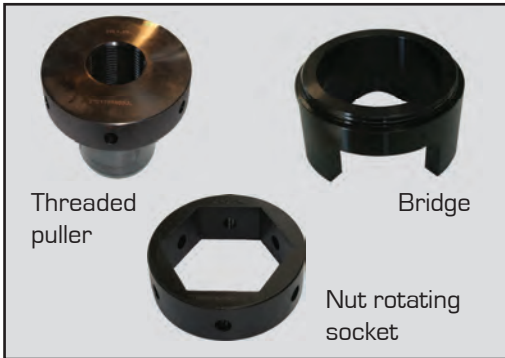


SBT - BOLT TENSIONER COMPONENTS - IMPERIAL



Use with SBT Imperial Spring Return Tensioners

Modular design

Offers greater versatility

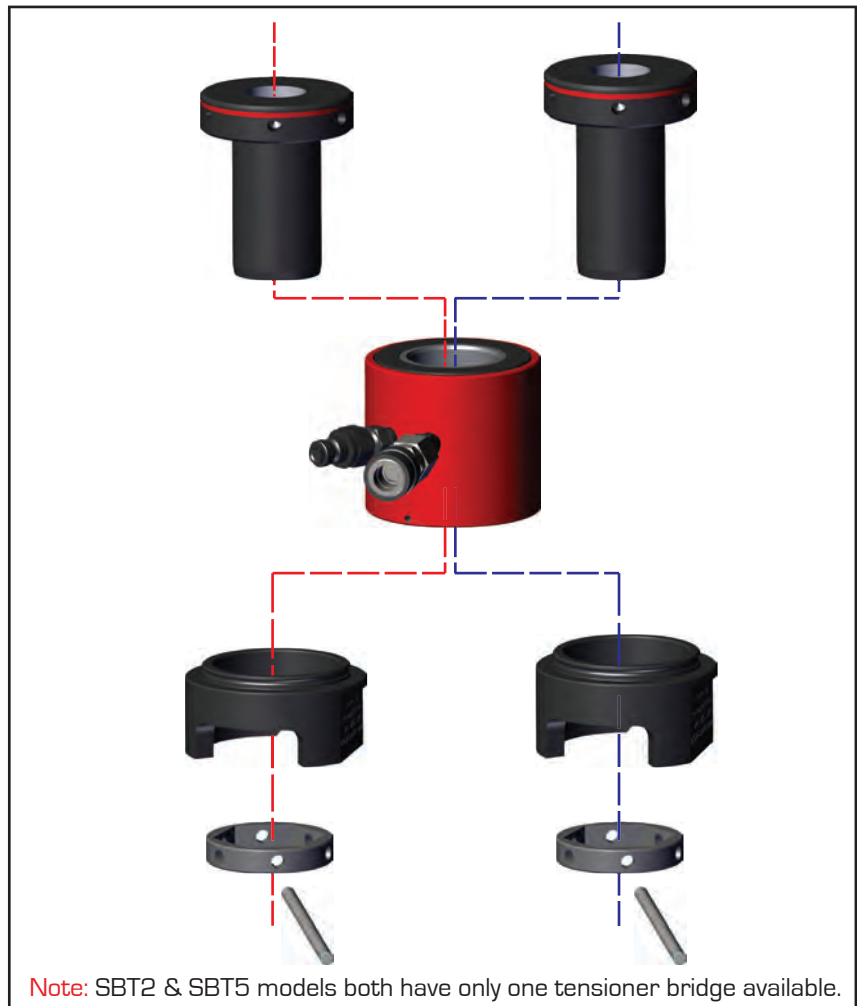
The modular design of Hi-Force SBT series spring return hydraulic bolt tensioners enables the user to adapt an existing SBT tensioner assembly to another thread size, within the tensioner range, by purchasing individual components or a simple conversion kit. By changing the required components (see drawing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

Tensioner models SBT3, SBT4 and SBT6 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

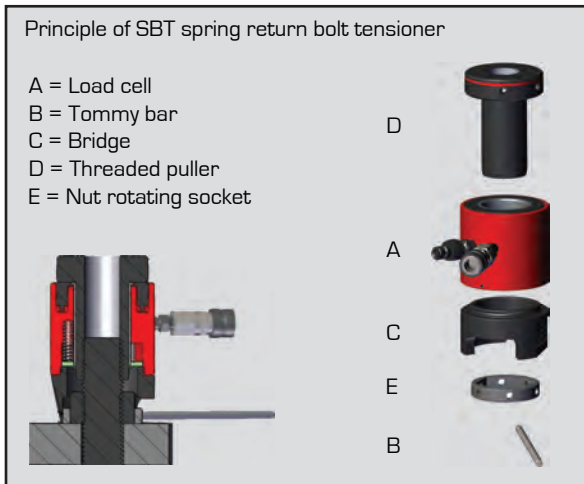
Changes within the same colour code **DO NOT** require a bridge change however, changes from the red to blue line (or vice versa) **MUST** include a relative bridge also.

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.

SBT - 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 SBT3-162B1 to SBT3-187B1 would require conversion kit CKS3-187B1 only.

To change from SBT3-187B1 to SBT3-200B2 would require conversion kit CKS3-200B2 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 SBT2:						
SBT2-125B1 1 1/4"	SBT2-LC	TTB08	STS2-B1	TPS2-125B1	RS2-51B1	CKS2-125B1
SBT2-137B1 1 3/8"				TPS2-137B1	RS2-56B1	CKS2-137B1
SBT2-150B1 1 1/2"				TPS2-150B1	RS2-60B1	CKS2-150B1
For tensioner range SBT3:						
SBT3-162B1 1 5/8"	SBT3-LC	TTB10	STS3-B1	TPS3-162B1	RS3-65B1	CKS3-162B1
SBT3-175B1 1 3/4"				TPS3-175B1	RS3-70B1	CKS3-175B1
SBT3-187B1 1 7/8"			TPS3-187B1	RS3-75B1	CKS3-187B1	
SBT3-175B2 1 3/4"			STS3-B2	TPS3-175B2	RS3-70B2	CKS3-175B2
SBT3-187B2 1 7/8"				TPS3-187B2	RS3-75B2	CKS3-187B2
SBT3-200B2 2"				TPS3-200B2	RS3-80B2	CKS3-200B2
For tensioner range SBT4:						
SBT4-187B1 1 7/8"	SBT4-LC	TTB10	STS4-B1	TPS4-187B1	RS4-75B1	CKS4-187B1
SBT4-200B1 2"				TPS4-200B1	RS4-80B1	CKS4-200B1
SBT4-200B2 2"			STS4-B2	TPS4-200B2	RS4-80B2	CKS4-200B2
SBT4-225B2 2 1/4"				TPS4-225B2	RS4-90B2	CKS4-225B2
SBT4-250B2 2 1/2"	TPS4-250B2	RS4-98B2	CKS4-250B2			
For tensioner range SBT5:						
SBT5-250B1 2 1/2"	SBT5-LC	TTB14	STS5-B1	TPS5-250B1	RS5-100B1	CKS5-250B1
SBT5-275B1 2 3/4"				TPS5-275B1	RS5-108B1	CKS5-275B1
SBT5-300B1 3"				TPS5-300B1	RS5-118B1	CKS5-300B1
For tensioner range SBT6:						
SBT6-300B1 3"	SBT6-LC	TTB14	STS6-B1	TPS6-300B1	RS6-118B1	CKS6-300B1
SBT6-325B1 3 1/4"				TPS6-325B1	RS6-127B1	CKS6-325B1
SBT6-350B1 3 1/2"			STS6-B3	TPS6-350B1	RS6-137B1	CKS6-350B1
SBT6-375B3 3 3/4"				TPS6-375B3	RS6-146B3	CKS6-375B3
SBT6-400B3 4"				TPS6-400B3	RS6-156B3	CKS6-400B3

Note: Remember to check bridge compatibility for SBT3, SBT4 and SBT6 models when ordering components.