

TBT-AK - STUD BOLT TENSIONER ADAPTER KITS - IMPERIAL



The modular design of Tristar TBT series topside hydraulic stud bolt tensioners enables the user to adapt an existing TBT tensioner assembly to another thread size, within the tensioner range, by purchasing a simple Adapter kit. Comprising of a threaded puller and compatible nut rotating socket, Tristar TBT-AK Adapter kits offer the user even greater versatility at an economical cost.

Bridge identification table :

Tensioner model	Bridge number	Compatible stud bolt size	Tensioner model	Bridge number	Compatible stud bolt size
TBT 3 series	TBT3-B	¾" 7/8" 1"	TBT 19 series	TBT19-B	2½" 2¾" 3"
TBT 5 series	TBT5-B	1⅛" 1¼" 1⅜" 1½"	TBT 27 series	TBT27-B	3" 3¼" 3½" 3¾" 4"
TBT 9 series	TBT9-B	1½" 1⅝" 1¾" 1⅞"	TBT 44 series	TBT44-B	4½" 4¾" 5"
TBT 13 series	TBT13-B	2" 2¼" 2½"	TBT 54 series	TBT54-B	5¼" 5½" 5¾"

Adapter kit selection table :

From Tensioner	To convert tensioner model in left hand column to another size within its applicable range, select from the below table of Adapter kits				
	¾" bolt size	7/8" bolt size	1" bolt size		
TBT3-075	not applicable	TBT3-AK087	TBT3-AK100		
TBT3-087	TBT3-AK075	not applicable	TBT3-AK100		
TBT3-100	TBT3-AK075	TBT3-AK087	not applicable		
	1 1/8" bolt size	1 1/4" bolt size	1 3/8" bolt size	1 1/2" bolt size	
TBT5-112	not applicable	TBT5-AK125	TBT5-AK137	TBT9-AK150	
TBT5-125	TBT5-AK112	not applicable	TBT5-AK137	TBT9-AK150	
TBT5-137	TBT5-AK112	TBT5-AK125	not applicable	TBT9-AK150	
TBT5-150	TBT5-AK112	TBT5-AK125	TBT5-AK137	not applicable	
	1 1/2" bolt size	1 5/8" bolt size	1 3/4" bolt size	1 7/8" bolt size	
TBT9-150	not applicable	TBT9-AK162	TBT9-AK175	TBT9-AK187	
TBT9-162	TBT9-AK150	not applicable	TBT9-AK175	TBT9-AK187	
TBT9-175	TBT9-AK150	TBT9-AK162	not applicable	TBT9-AK187	
TBT9-187	TBT9-AK150	TBT9-AK162	TBT9-AK175	not applicable	
	2" bolt size	2 1/4" bolt size	2 1/2" bolt size		
TBT13-200	not applicable	TBT13-AK225	TBT13-AK250		
TBT13-225	TBT13-AK200	not applicable	TBT13-AK250		
TBT13-250	TBT13-AK200	TBT13-AK225	not applicable		
	2 1/2" bolt size	2 3/4" bolt size	3" bolt size		
TBT19-250	not applicable	TBT19-AK275	TBT19-AK300		
TBT19-275	TBT19-AK250	not applicable	TBT19-AK300		
TBT19-300	TBT19-AK250	TBT19-AK275	not applicable		
	3" bolt size	3 1/4" bolt size	3 1/2" bolt size	3 3/4" bolt size	4" bolt size
TBT27-300	not applicable	TBT27-AK325	TBT27-AK350	TBT27-AK375	TBT27-AK400
TBT27-325	TBT27-AK300	not applicable	TBT27-AK350	TBT27-AK375	TBT27-AK400
TBT27-350	TBT27-AK300	TBT27-AK325	not applicable	TBT27-AK375	TBT27-AK400
TBT27-375	TBT27-AK300	TBT27-AK325	TBT27-AK350	not applicable	TBT27-AK400
TBT27-400	TBT27-AK300	TBT27-AK325	TBT27-AK350	TBT27-AK375	not applicable
	4 1/2" bolt size	4 3/4" bolt size	5" bolt size		
TBT44-450	not applicable	TBT44-AK475	TBT44-AK500		
TBT44-475	TBT44-AK450	not applicable	TBT44-AK500		
TBT44-500	TBT44-AK450	TBT44-AK475	not applicable		
	5 1/4" bolt size	5 1/2" bolt size	5 3/4" bolt size		
TBT54-525	not applicable	TBT54-AK550	TBT54-AK575		
TBT54-550	TBT54-AK525	not applicable	TBT54-AK575		
TBT54-575	TBT54-AK525	TBT54-AK550	not applicable		

TBT-AK - STUD BOLT TENSIONER ADAPTER KITS - METRIC

Bridge identification table :

Tensioner model	Bridge number	Compatible stud bolt size	Tensioner model	Bridge number	Compatible stud bolt size
TBT 3 series	TBT3-B	M16,M18,M20,M22,M24	TBT 19 series	TBT19-B	M64,M68,M72,M76
TBT 5 series	TBT5-B	M27,M30,M33,M36,M39	TBT 27 series	TBT27-B	M76,M80,M85,M90,M95, M100
TBT 9 series	TBT9-B	M39,M42,M45,M48	TBT 44 series	TBT44-B	M110,M120,M125
TBT 13 series	TBT13-B	M52,M56,M60,M64	TBT 54 series	TBT54-B	M130,M140,M150

Adapter kit selection table :

From Tensioner	To convert tensioner model in left hand column to another size within its applicable range, select from the below table of Adapter kits					
	M16 bolt size	M18 bolt size	M20 bolt size	M22 bolt size	M24 bolt size	M24 bolt size
TBT3-M16	not applicable	TBT3-AKM18	TBT3-AKM20	TBT3-AKM22	TBT3-AKM24	
TBT3-M18	TBT3-AKM16	not applicable	TBT3-AKM20	TBT3-AKM22	TBT3-AKM24	
TBT3-M20	TBT3-AKM16	TBT3-AKM18	not applicable	TBT3-AKM22	TBT3-AKM24	
TBT3-M22	TBT3-AKM16	TBT3-AKM18	TBT3-AKM20	not applicable	TBT3-AKM24	
TBT3-M24	TBT3-AKM16	TBT3-AKM18	TBT3-AKM20	TBT3-AKM22	not applicable	
	M27 bolt size	M30 bolt size	M33 bolt size	M36 bolt size	M39 bolt size	
TBT5-M27	not applicable	TBT5-AKM30	TBT5-AKM33	TBT9-AKM36	TBT9-AKM39	
TBT5-M30	TBT5-AKM27	not applicable	TBT5-AKM33	TBT9-AKM36	TBT9-AKM39	
TBT5-M33	TBT5-AKM27	TBT5-AKM30	not applicable	TBT9-AKM36	TBT9-AKM39	
TBT5-M36	TBT5-AKM27	TBT5-AKM30	TBT5-AKM33	not applicable	TBT9-AKM39	
TBT5-M39	TBT5-AKM27	TBT5-AKM30	TBT5-AKM33	TBT9-AKM36	not applicable	
	M39 bolt size	M42 bolt size	M45 bolt size	M48 bolt size		
TBT9-M39	not applicable	TBT9-AKM42	TBT9-AKM45	TBT9-AKM48		
TBT9-M42	TBT9-AKM39	not applicable	TBT9-AKM45	TBT9-AKM48		
TBT9-M45	TBT9-AKM39	TBT9-AKM42	not applicable	TBT9-AKM48		
TBT9-M48	TBT9-AKM39	TBT9-AKM42	TBT9-AKM45	not applicable		
	M52 bolt size	M56 bolt size	M60 bolt size	M64 bolt size		
TBT13-M52	not applicable	TBT13-AKM56	TBT13-AKM60	TBT13-AKM64		
TBT13-M56	TBT13-AKM52	not applicable	TBT13-AKM60	TBT13-AKM64		
TBT13-M60	TBT13-AKM52	TBT13-AKM56	not applicable	TBT13-AKM64		
TBT13-M64	TBT13-AKM52	TBT13-AKM56	TBT13-AKM60	not applicable		
	M64 bolt size	M68 bolt size	M72 bolt size	M76 bolt size		
TBT19-M64	not applicable	TBT19-AKM68	TBT19-AKM72	TBT19-AKM76		
TBT19-M68	TBT19-AKM64	not applicable	TBT19-AKM72	TBT19-AKM76		
TBT19-M72	TBT19-AKM64	TBT19-AKM68	not applicable	TBT19-AKM76		
TBT19-M76	TBT19-AKM64	TBT19-AKM68	TBT19-AKM72	not applicable		
	M76 bolt size	M80 bolt size	M85 bolt size	M90 bolt size	M95 bolt size	M100 bolt size
TBT27-M76	not applicable	TBT27-AKM80	TBT27-AKM85	TBT27-AKM90	TBT27-AKM95	TBT27-AKM100
TBT27-M80	TBT27-AKM76	not applicable	TBT27-AKM85	TBT27-AKM90	TBT27-AKM95	TBT27-AKM100
TBT27-M85	TBT27-AKM76	TBT27-AKM80	not applicable	TBT27-AKM90	TBT27-AKM95	TBT27-AKM100
TBT27-M90	TBT27-AKM76	TBT27-AKM80	TBT27-AKM85	not applicable	TBT27-AKM95	TBT27-AKM100
TBT27-M95	TBT27-AKM76	TBT27-AKM80	TBT27-AKM85	TBT27-AKM90	not applicable	TBT27-AKM100
TBT27-M100	TBT27-AKM76	TBT27-AKM80	TBT27-AKM85	TBT27-AKM90	TBT27-AKM95	not applicable
	M110 bolt size	M120 bolt size	M125 bolt size			
TBT44-M110	not applicable	TBT44-AKM120	TBT44-AKM125			
TBT44-M120	TBT44-AKM110	not applicable	TBT44-AKM125			
TBT44-M125	TBT44-AKM110	TBT44-AKM120	not applicable			
	M130 bolt size	M140 bolt size	M150 bolt size			
TBT54-M130	not applicable	TBT54-AKM140	TBT54-AKM150			
TBT54-M140	TBT54-AKM130	not applicable	TBT54-AKM150			
TBT54-M150	TBT54-AKM130	TBT54-AKM140	not applicable			