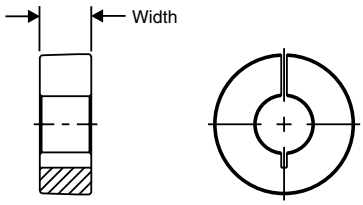
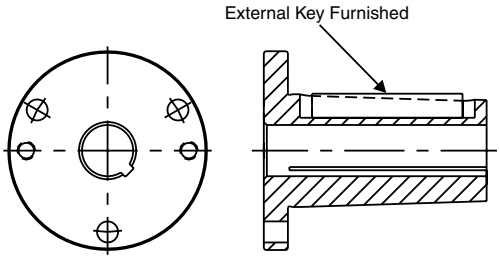
TorqTaper Plus Bushing Kits Unit Sizes 407-800



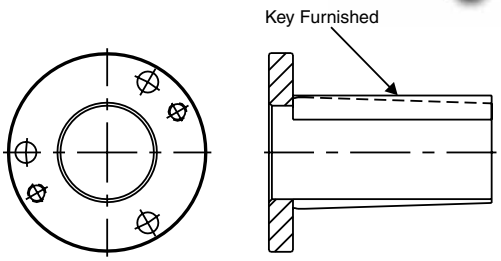


Stabilizer Ring





Type 1



Type 2

Reducer Size	Bushing No.	Bore Size	Shaft Keyseat Required	Type	Stabilizer Ring Width	Bolt Torque		Weight
						Bolt Size	Ft. Lbs.	
407SMTP_B	407TBP215B	2 15/16	3/4 x 3/8 x 7 1/2	1	1.56	1/2-13 x 1 3/4	65	30.2
	407TBP303B	3 3/16	3/4 x 3/8 x 7 1/2	2				29.3
	407TBP307B	3 7/16	7/8 x 7/16 x 7 1/2	2				26.5
	407TBP315B	3 15/16	1 x 1/2 x 7 1/2	2				20.1
	407TBP403B	4 3/16	1 x 1/2 x 7 1/2	2				16.5
	407TBP407B	4 7/16	1 x 1/2 x 7 1/2	2				12.6

Reducer Size	Bushing No.	Bore Size	Shaft Keyseat Required	Type	Stabilizer Ring Width	Bolt Torque		Weight
						Bolt Size	Ft. Lbs.	
415SMTP_B	415TBP307B	3 7/16	7/8 x 7/16 x 9 1/4	2	1.59	5/8-11 x 2	140	53.1
	415TBP315B	3 15/16	1 x 1/2 x 9 1/4	2				44.4
	415TBP403B	4 3/16	1 x 1/2 x 9 1/4	2				40.1
	415TBP407B	4 7/16	1 x 1/2 x 9 1/4	2				35.5
	415TBP408B	4 1/2	1 x 1/2 x 9 1/4	2				34.2
	415TBP415B	4 15/16	1 1/4 x 5/8 x 9 1/4	2				25.6

Reducer Size	Bushing No.	Bore Size	Shaft Keyseat Required	Type	Stabilizer Ring Width	Bolt Torque		Weight
						Bolt Size	Ft. Lbs.	
507SMTP_B	507TBP315B	3 15/16	1 x 1/2 x 10 3/8	2	1.56	3/4-10 x 2 1/4	250	65.0
	507TBP403B	4 3/16	1 x 1/2 x 10 3/8	2				59.0
	507TBP407B	4 7/16	1 x 1/2 x 10 3/8	2				54.0
	507TBP415B	4 15/16	1 1/4 x 5/8 x 10 3/8	2				45.0
	507TBP507B	5 7/16	1 1/4 x 5/8 x 10 3/8	2				37.0

Reducer Size	Bushing No.	Bore Size	Shaft Keyseat Required	Type	Stabilizer Ring Width	Bolt Torque		Weight
						Bolt Size	Ft. Lbs.	
608SMTP_B	608TBP507B	5 7/16	1 1/4 x 5/8 x 11	2	1.71	3/4-10 x 2 3/4	250	80.0
	608TBP515B	5 15/16	1 1/2 x 3/4 x 11	2				72.0
	608TBP600B	6	1 1/2 x 3/4 x 11	2				70.0
	608TBP607B	6 7/16	1 1/2 x 3/4 x 11	2				64.0
	608TBP608B	6 1/2	1 1/2 x 3/4 x 11	2				63.0

Reducer Size	Bushing No.	Bore Size	Shaft Keyseat Required	Type	Stabilizer Ring Width	Bolt Torque		Weight
						Bolt Size	Ft.Lbs.	
800SMTP	800TBP515	5 15/16	1 1/2 x 3/4 x 11	2	1.88	7/8-9 x 2 3/4	400	168.0
	800TBP600	6	1 1/2 x 3/4 x 11	2				165.0
	800TBP608	6 1/2	1 1/2 x 3/4 x 11	2				147.0
	800TBP700	7	1 3/4 x 7/8 x 11	2				128.0
	800TBP800	8	2 x 1 x 11	2				84.0

Notes: When using shafts smaller than the largest bushing bore shown for a specific reducer, shaft stress based on the transmitted load must always be checked.