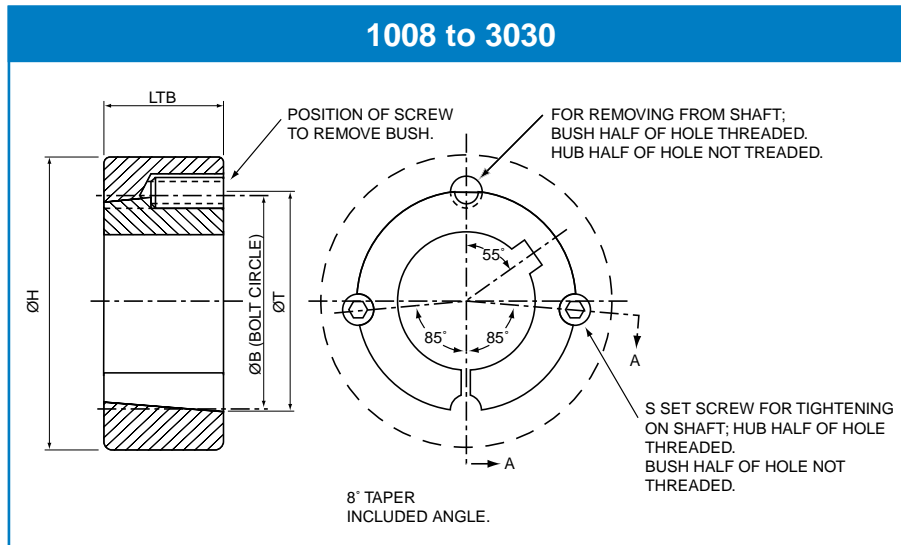


Taper Bushes

Range and Material Specifications:

Challenge Taper Bushes are manufactured to the highest quality standards using GG22 - 25 cast iron depending on size. Thin wall bushes are produced from C45 steel. All surfaces are carefully machined to provide maximum contact area and transmission of torque.

In excess of 500 sizes of Challenge Taper Bushes are manufactured and stocked making this one of the most comprehensive ranges available today.

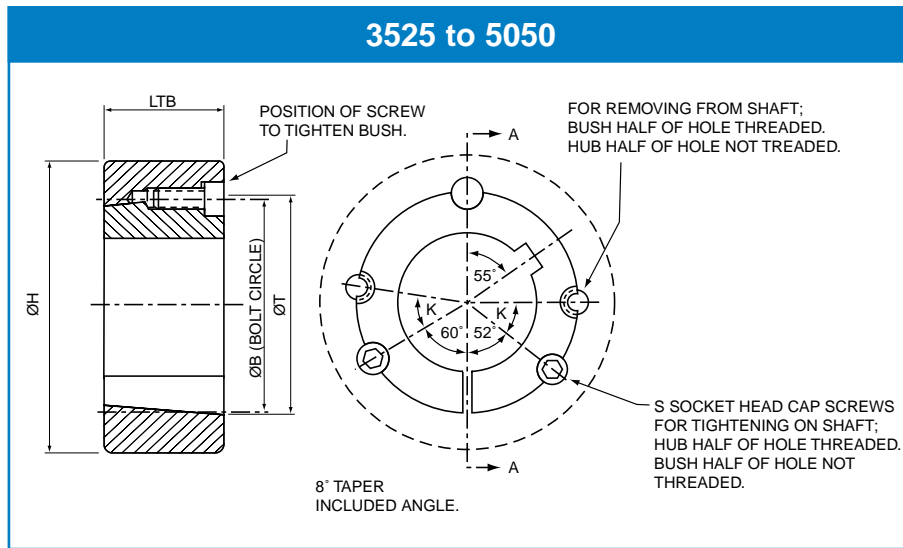


Taper Bush 1008 to 3030

BUSH Size.	$\varnothing T$	LTB	Minimum HUB Dia H			$\varnothing B$	S Set Screws	
			UTS 200 N/mm ² Gray Iron	UTS 250 N/mm ² Gray Iron	UTS 420 N/mm ² Steel		QTY. Screws	Size (Inches)
1008	35.20	22.3	59	54	51	33.73	2	1/4 x 1/2
1108	38.38	22.3	61	57	54	36.92	2	1/4 x 1/2
1210	47.62	25.4	99	86	78	44.44	2	3/8 x 5/8
1215	47.62	38.1	79	73	68	44.44	2	3/8 x 5/8
1310	50.80	25.4	100	88	80	47.63	2	3/8 x 5/8
1610	57.15	25.4	102	92	85	53.97	2	3/8 x 5/8
1615	57.15	38.1	86	81	77	53.97	2	3/8 x 5/8
2012	69.85	31.8	115	106	99	66.68	2	7/16 x 7/8
2517	85.73	44.5	125	119	113	82.55	2	1/2 x 1
2525	85.73	63.5	115	111	108	82.56	2	1/2 x 1
3020	107.96	50.8	154	146	140	101.60	2	5/8 x 1.1/4
3030	107.96	76.2	141	136	132	101.60	2	5/8 x 1.1/4

Severe operating conditions may require the use of a larger diameter hub.

Taper Bushes



Taper Bush 3525 to 5050

BUSH Size.	Ø T	LTB	Minimum HUB Dia H			Ø B	S Cap Screws		K
			UTS 200 N/mm ² Gray Iron	UTS 250 N/mm ² Gray Iron	UTS 420 N/mm ² Steel		QTY. Cap Screws	Size (Inches)	
3525	127.00	63.5	206	191	178	122.68	3	1/2 x 1.1/2	40°
3535	127.00	89.0	185	176	168	122.68	3	1/2 x 1.1/2	40°
4030	146.05	76.2	220	207	197	140.72	3	5/8 x 1.3/4	40°
4040	146.05	101.5	203	195	188	140.72	3	5/8 x 1.1/4	40°
4535	161.93	89.0	221	212	205	455.70	3	3/4 x 2	40°
4545	161.93	114.3	211	205	200	155.70	3	3/4 x 2	40°
5040	177.80	101.6	236	229	223	170.69	3	7/8 x 2.1/4	37°
5050	177.80	127.0	230	223	219	170.69	3	7/8 x 2.1/4	37°

Severe operating conditions may require the use of a larger diameter hub.