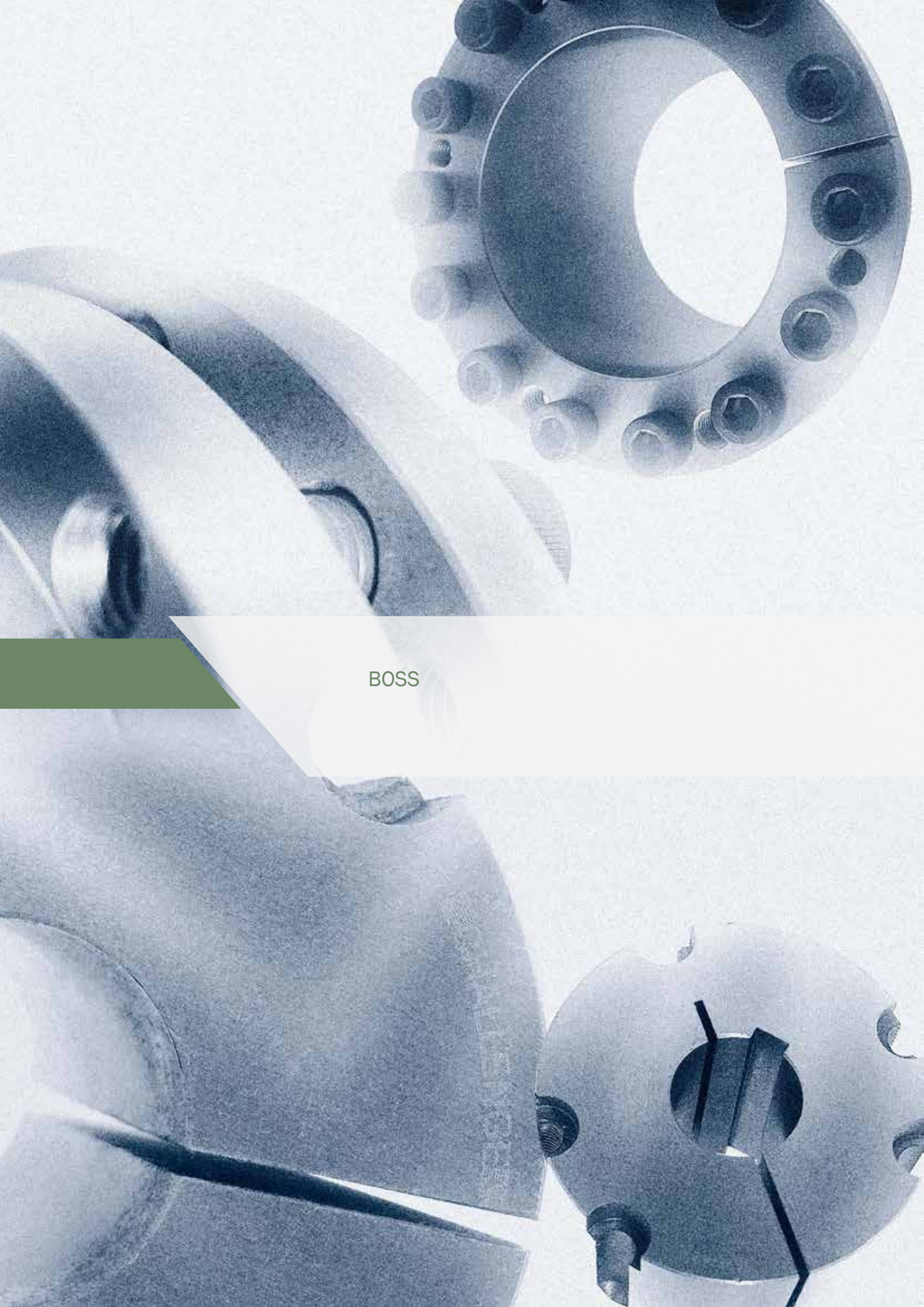




BOSS

BOSS SPENNELEMENT



TAPERBOSS



FLENSNAV



SVEISENAV



BØSSINGER

Egenskaper

Taperlock

- Enkel installasjon og fjerning.
- Trenger ingen maskinering, komplett utvalg av både metriske og tomme borer er tilgjengelig.
- Tomme borer er tilgjengelig.
- Godt utprøvd system, millioner er i bruk verden rundt.
- Passer til standard aksel dimensjoner.
- Kvalitets skruer er benyttet.
- Nøkler er ikke påkrevd ved enkle oppdrag.
- Den korte lengden på busten øker antall maksimum hull.
- Kvalitets innpakning, med instruksjonshefte.

Adapter for taperlock

- Tillater at forboret produkter kan tilpasses for taperlock bruk.
- Unngår behovet for å bore, gjenge og kone hullet.
- Vanlig utvendig diameter eller utvendig kile er tilgjengelige.
- Er tilpasset alle store internasjonale standarder.

Flensnav

- Designet for å passe til den universelle og populære "taper bush".
- En praktisk arbeidsmetode hvor produkter som vifter, rotor, impellere og lignende tilpasses "taperlock" uten sveising.

Sveisenav

- Produsert av lav karbon stål og utformet for å akseptere "taperlock".
- Gir en praktisk måte å sveise nav til vifter, rotor, platehjul og lignende.
- Tre forskjellige design er tilgjengelig.

Spenneløser

- Premium kvalitet med høy bearbeidingsstoleranser og overflatebehandlinger.
- Bredt utvalg av størrelser og konfigurasjoner.
- Nøkkelfritt design.
- Enkel installasjon og fjerning.
- Null tilbakeslag eliminerer pasningskorrosjon og er upåvirket av vekslende dreiemomenter.
- Vinkel og aksial feiloppsettings evne.



BØSSINGER

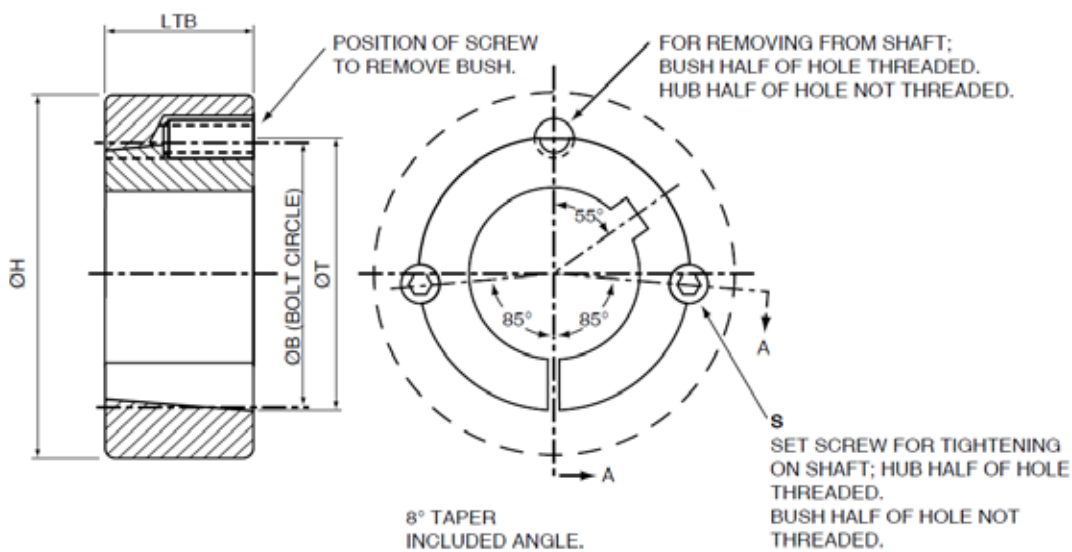
Taperlock

Utvalg og material spesifikasjoner:

Challenge sine taperlock er produsert etter de høyeste kvalitets standarder med GG22 - 25 støpejern, avhengig av størrelsen. Tynnvegget taperlock produseres enten fra C45 stål eller GGG (Close Grain) støpejern. Alle overflater er nøye maskinert til å gi maksimal kontaktflate og overføring av dreiemoment.

I overkant av 700 størrelser av Challenge taperlock er produsert og lagerført, noe som gjør dette til en av de mest omfattende programmene tilgjengelig i dag.

1008 til 3030



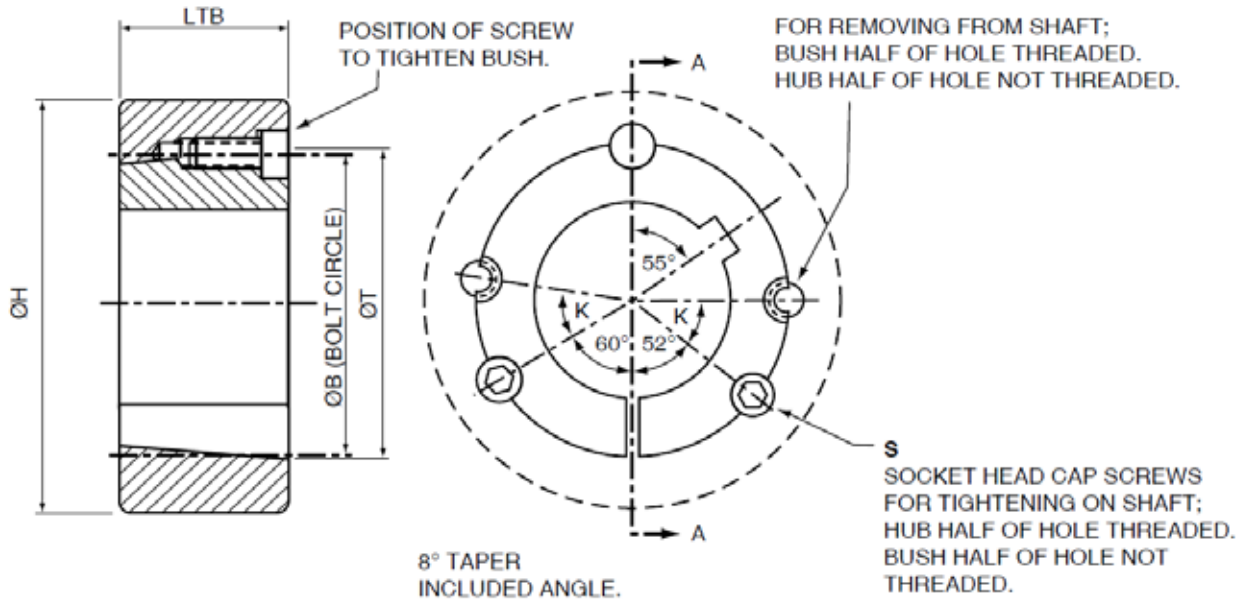
Bush Str.	T	LTB	Minimum hub Dia H			B	Set screws S	
			UTS 200 N/mm2 GG Iron	UTS 250 N/mm2 GG Iron	UTS 420 N/mm2 Stål		Quantity	Str. (BSW)
1008	35.20	22.3	59	54	51	33.73	2	1/4" x 1/2"
1108	38.38	22.3	61	57	54	36.92	2	1/4" x 1/2"
1210	47.62	25.4	99	86	78	44.44	2	3/8" x 5/8"
1215	47.62	38.1	79	73	68	44.44	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.

BØSSINGER

Taperlock

3525 til 5050



Bush Str.	T	LTB	Minimum hub Dia H			B	Set screws S		K
			UTS 200 N/mm2 GG Iron	UTS 250 N/mm2 GG Iron	UTS 420 N/mm2 Stål		Quantity	Str. (BSW)	
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	155.70	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.

BØSSINGER

Taperlock

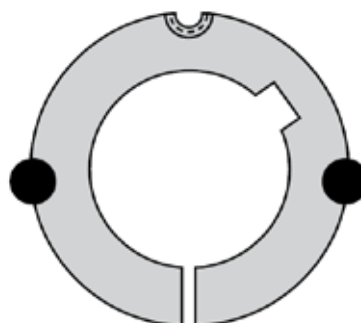
Monering:

1. Pass på at kontaktflatene er rene og fri fra olje og skitt. Sett taperlocken i navet slik at festehullene er på linje.
2. Smør olje på gjengene på skruene og plasser dem løst inn i de gjengede hullene i navet som vist i figuren.
3. Rengjør akselen og passe navet og taperlocken til akselen som en enhet i den ønskede posisjon. Husk at taperlocken vil nappe skaftet først og navet vil da bli trukket litt videre til busk.
4. Bruk en sekskantnøkkel, gradvis stramme skruene vekselvis inntil stramt.
5. Hammer mot den store enden av taperlocken ved hjelp av en blokk for å unngå skade på taperlocken. Skruene kan nå strammes mer. Gjenta denne prosedyren til riktig dreiemoment er oppnådd fra tabellen nedenfor.
6. For å oppnå best mulig balanse, hvis en kile er ikke brukt, plasser kilesporene i taperlock og navet diametralt motsatt hverandre.
7. Hvis en kile skal monteres, finner du akselens kilespor før montering av bush. Det er viktig at kile med topp klaring monteres. Under ingen omstendigheter skal konet eller topp montert kiler brukes.
8. Etter at applikasjonen har kjørt i en kort tid, sjekkes skruene.
9. Til slutt fyller man alle tomme hull med fett for å utelukke skitt og hindre korrosjon.

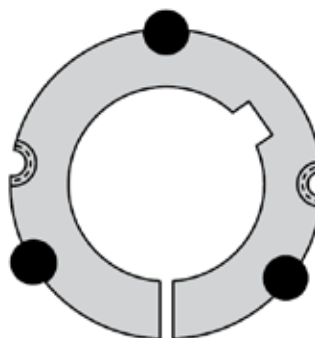
Demontering:

1. Løsne alle skruene og fjern en eller to skruer, i henhold til antall fjernings hull (se diagram).
2. Smør olje på skruen(e) og sett den eller dem inn fjernings hullet (ene) og skru ned til taperlocken løsner. Hvis taperlocken ikke løsner umiddelbart, bank lett på navet.
3. Fjern taperlocken av akselen.

1008 til 3030



3525 til 5050



Tightening hole

Removal hole

Bush Str.	Skruer	Tilstrammingsmoment (Nm)	Bush Str.	Skruer	Tilstrammingsmoment (Nm)	Bush Str.	Skruer	Tilstrammingsmoment (Nm)
1008	1/4" Set Skruer	6	2012	7/16" Set Skruer	30	4030	5/8" Cap Skruer	170
1108	1/4" Set Skruer	6	2517	1/2" Set Skruer	50	4040	5/8" Cap Skruer	170
1210	3/8" Set Skruer	20	2525	1/2" Set Skruer	50	4535	3/4" Cap Skruer	190
1215	3/8" Set Skruer	20	3020	5/8" Set Skruer	90	4545	3/4" Cap Skruer	190
1310	3/8" Set Skruer	20	3030	5/8" Set Skruer	90	5040	7/8" Cap Skruer	270
1610	3/8" Set Skruer	20	3525	1/2" Cap Skruer	105	5050	7/8" Cap Skruer	270
1615	3/8" Set Skruer	20	3535	1/2" Cap Skruer	105			

BØSSINGER

Taperlock- metrisk utvalg

1008

Indre diam-eter	Vekt kg [†]	Kilestørrelse	
		Bush	Shaft
9	0.13	3 x 1.4	3 x 1.8
10	0.13	3 x 1.4	3 x 1.8
11	0.12	4 x 1.8	4 x 2.5
12	0.12	4 x 1.8	4 x 2.5
14	0.11	5 x 2.3	5 x 3.0
15	0.11	5 x 2.3	5 x 3.0
16	0.10	5 x 2.3	5 x 3.0
18	0.10	6 x 2.8	6 x 3.5
19	0.09	6 x 2.8	6 x 3.5
20	0.09	6 x 2.8	6 x 3.5
22	0.08	6 x 2.8	6 x 3.5
24*	0.07	8 x 1.3*	8 x 4.0
25*	0.06	8 x 1.3*	8 x 4.0

1210

Indre diam-eter	Vekt kg [†]	Kilestørrelse	
		Bush	Shaft
11	0.26	4 x 1.8	4 x 2.5
12	0.26	4 x 1.8	4 x 2.5
14	0.25	5 x 2.3	5 x 3.0
15	0.25	5 x 2.3	5 x 3.0
16	0.24	5 x 2.3	5 x 3.0
18	0.23	6 x 2.8	6 x 3.5
19	0.23	6 x 2.8	6 x 3.5
20	0.22	6 x 2.8	6 x 3.5
22	0.21	6 x 2.8	6 x 3.5
24	0.19	8 x 3.3	8 x 4.0
25	0.19	8 x 3.3	8 x 4.0
28	0.16	8 x 3.3	8 x 4.0
30	0.15	8 x 3.3	8 x 4.0
32	0.14	10 x 3.3	10 x 5.0

1310

Indre diam-eter	Vekt kg [†]	Kilestørrelse	
		Bush	Shaft
14	0.31	5 x 2.3	5 x 3.0
16	0.30	5 x 2.3	5 x 3.0
18	0.29	6 x 2.8	6 x 3.5
19	0.28	6 x 2.8	6 x 3.5
20	0.28	6 x 2.8	6 x 3.5
22	0.26	5 x 2.8	6 x 3.5
24	0.25	8 x 3.3	8 x 4.0
25	0.25	8 x 3.3	8 x 4.0
28	0.22	8 x 3.3	8 x 4.0
30	0.20	8 x 3.3	8 x 4.0
32	0.18	10 x 3.3	10 x 5.0
35	0.16	10 x 3.3	10 x 5.0

† Net Vekt including screws.

Bold type indicates bushes made of Stål.

Keyways are in accordance with BS4235, Part 1, 1972, DIN6885 and conform to ISO recommendations with the exception of those marked* which are shallower.
Depth of key measured at centre.

1108

Indre diam-eter	Vekt kg [†]	Kilestørrelse	
		Bush	Shaft
9	0.15	3 x 1.4	3 x 1.8
10	0.15	3 x 1.4	3 x 1.8
11	0.15	4 x 1.8	4 x 2.5
12	0.14	4 x 1.8	4 x 2.5
14	0.14	5 x 2.3	5 x 3.0
15	0.13	5 x 2.3	5 x 3.0
16	0.13	5 x 2.3	5 x 3.0
17	0.12	5 x 2.3	5 x 3.0
18	0.12	6 x 2.8	6 x 3.5
19	0.11	6 x 2.8	6 x 3.5
20	0.11	6 x 2.8	6 x 3.5
22	0.10	6 x 2.8	6 x 3.5
24	0.09	8 x 3.3	8 x 4.0
25	0.08	8 x 3.3	8 x 4.0
28*	0.06	8 x 1.3*	8 x 4.0

1215

Indre diam-eter	Vekt kg [†]	Kilestørrelse	
		Bush	Shaft
11	0.39	4 x 1.8	4 x 2.5
12	0.39	4 x 1.8	4 x 2.5
14	0.37	5 x 2.3	5 x 3.0
16	0.36	5 x 2.3	5 x 3.0
18	0.34	6 x 2.8	6 x 3.5
19	0.34	6 x 2.8	6 x 3.5
20	0.33	6 x 2.8	6 x 3.5
22	0.31	6 x 2.8	6 x 3.5
24	0.29	6 x 2.8	8 x 4.0
25	0.28	6 x 2.8	8 x 4.0
28	0.24	6 x 2.8	8 x 4.0
30	0.22	6 x 2.8	8 x 4.0
32	0.20	10 x 3.3	10 x 5.0

1610

Indre diam-eter	Vekt kg [†]	Kilestørrelse	
		Bush	Shaft
14	0.38	5 x 2.3	5 x 3.0
15	0.37	5 x 2.3	5 x 3.0
16	0.37	5 x 2.3	5 x 3.0
18	0.36	6 x 2.8	6 x 3.5
19	0.35	6 x 2.8	6 x 3.5
20	0.35	6 x 2.8	6 x 3.5
22	0.33	6 x 2.8	6 x 3.5
24	0.32	8 x 3.3	8 x 4.0
25	0.31	8 x 3.3	8 x 4.0
28	0.29	8 x 3.3	8 x 4.0
30	0.27	8 x 3.3	8 x 4.0
32	0.26	10 x 3.3	10 x 5.0
35	0.22	10 x 3.3	10 x 5.0
38	0.19	10 x 3.3	10 x 5.0
40	0.18	12 x 3.3	12 x 5.0
42	0.16	12 x 3.3	12 x 5.0

BØSSINGER**Taperlock- metrisk utvalg****1615**

Indre diameter	Vekt kg [†]	Kilestørrelse	
		Bush	Shaft
14	0.57	5 x 2.3	5 x 3.0
16	0.56	5 x 2.3	5 x 3.0
18	0.54	6 x 2.8	6 x 3.5
19	0.54	6 x 2.8	6 x 3.5
20	0.53	6 x 2.8	6 x 3.5
22	0.51	6 x 2.8	6 x 3.5
24	0.49	8 x 3.3	8 x 4.0
25	0.48	8 x 3.3	8 x 4.0
28	0.44	8 x 3.3	8 x 4.0
30	0.42	8 x 3.3	8 x 4.0
32	0.39	10 x 3.3	10 x 5.0
35	0.34	10 x 3.3	10 x 5.0
38	0.30	10 x 3.3	10 x 5.0
40	0.28	12 x 3.3	12 x 5.0
42*	0.24	12 x 2.2*	12 x 5.0

2517

Indre diameter	Vekt kg [†]	Kilestørrelse	
		Bush	Shaft
16	1.67	5 x 2.3	5 x 3.0
18	1.65	6 x 2.8	6 x 3.5
19	1.64	6 x 2.8	6 x 3.5
20	1.63	6 x 2.8	6 x 3.5
22	1.61	6 x 2.8	6 x 3.5
24	1.59	8 x 3.3	8 x 4.0
25	1.57	8 x 3.3	8 x 4.0
28	1.53	8 x 3.3	8 x 4.0
30	1.50	8 x 3.3	8 x 4.0
32	1.47	10 x 3.3	10 x 5.0
35	1.42	10 x 3.3	10 x 5.0
38	1.36	10 x 3.3	10 x 5.0
40	1.32	12 x 3.3	12 x 5.0
42	1.28	12 x 3.3	12 x 5.0
45	1.21	14 x 3.8	14 x 5.5
48	1.14	14 x 3.8	14 x 5.5
50	1.09	14 x 3.8	14 x 5.5
55	0.96	16 x 4.3	16 x 6.0
60	0.81	18 x 4.4	18 x 7.0
65	0.65	18 x 4.4	18 x 7.0

3020

Indre diameter	Vekt kg [†]	Kilestørrelse	
		Bush	Shaft
20	2.93	8 x 3.3	8 x 4.0
25	2.87	8 x 3.3	8 x 4.0
28	2.82	8 x 3.3	8 x 4.0
30	2.79	8 x 3.3	8 x 4.0
32	2.75	10 x 3.3	10 x 5.0
35	2.69	10 x 3.3	10 x 5.0
38	2.63	10 x 3.3	10 x 5.0
40	2.58	12 x 3.3	12 x 5.0
42	2.53	12 x 3.3	12 x 5.0
45	2.46	14 x 3.8	14 x 5.5
48	2.37	14 x 3.8	14 x 5.5
50	2.32	14 x 3.8	14 x 5.5
55	2.16	16 x 4.3	16 x 6.0
60	1.99	18 x 4.4	18 x 7.0
65	1.81	18 x 4.4	18 x 7.0
70	1.61	20 x 4.9	20 x 7.5
75	1.39	20 x 4.9	20 x 7.5

2012

Indre diameter	Vekt kg [†]	Kilestørrelse	
		Bush	Shaft
14	0.76	5 x 2.3	5 x 3.0
16	0.75	5 x 2.3	5 x 3.0
18	0.74	6 x 2.8	6 x 3.5
19	0.73	6 x 2.8	6 x 3.5
20	0.73	6 x 2.8	6 x 3.5
22	0.71	6 x 2.8	6 x 3.5
24	0.69	8 x 3.3	8 x 4.0
25	0.69	8 x 3.3	8 x 4.0
28	0.66	8 x 3.3	8 x 4.0
30	0.63	8 x 3.3	8 x 4.0
32	0.61	10 x 3.3	10 x 5.0
35	0.57	10 x 3.3	10 x 5.0
38	0.53	10 x 3.3	10 x 5.0
40	0.51	12 x 3.3	12 x 5.0
42	0.48	12 x 3.3	12 x 5.0
45	0.43	14 x 3.8	14 x 5.5
48	0.38	14 x 3.8	14 x 5.5
50	0.34	14 x 3.8	14 x 5.5

2525

Indre diameter	Vekt kg [†]	Kilestørrelse	
		Bush	Shaft
18	2.18	6 x 2.8	6 x 3.5
19	2.17	6 x 2.8	6 x 3.5
20	2.16	6 x 2.8	6 x 3.5
22	2.13	6 x 2.8	6 x 3.5
24	2.09	8 x 3.3	8 x 4.0
25	2.07	8 x 3.3	8 x 4.0
28	2.02	8 x 3.3	8 x 4.0
30	1.97	8 x 3.3	8 x 4.0
32	1.93	10 x 3.3	10 x 5.0
35	1.85	10 x 3.3	10 x 5.0
38	1.77	10 x 3.3	10 x 5.0
40	1.71	12 x 3.3	12 x 5.0
42	1.65	12 x 3.3	12 x 5.0
45	1.56	14 x 3.8	14 x 5.5
48	1.46	14 x 3.8	14 x 5.5
50	1.38	14 x 3.8	14 x 5.5
55	1.19	16 x 4.3	16 x 6.0
60	0.98	18 x 4.4	18 x 7.0

3030

Indre diameter	Vekt kg [†]	Kilestørrelse	
		Bush	Shaft
25	4.04	8 x 3.3	8 x 4.0
35	3.77	10 x 3.3	10 x 5.0
38	3.67	10 x 3.3	10 x 5.0
40	3.60	12 x 3.3	12 x 5.0
42	3.53	12 x 3.3	12 x 5.0
45	3.42	14 x 3.8	14 x 5.5
48	3.29	14 x 3.8	14 x 5.5
50	3.21	14 x 3.8	14 x 5.5
55	2.98	16 x 4.3	16 x 6.0
60	2.72	18 x 4.4	18 x 7.0
65	2.44	18 x 4.4	18 x 7.0
70	2.15	20 x 4.9	20 x 7.5
75	1.83	20 x 4.9	20 x 7.5

† Net Vekt including screws.

Bold type indicates bushes made of Stål.

Keyways are in accordance with BS4235, Part 1, 1972, DIN6885 and conform to ISO recommendations with the exception of those marked* which are shallower.
Depth of key measured at centre.

All Dimensjoner in millimetres unless otherwise stated.

BØSSINGER

Taperlock- metrisk utvalg

3525

Indre diam-eter	Vekt kg [†]	Kilestørrelse	
		Bush	Shaft
35	4.91	10 x 3.3	10 x 5.0
38	4.83	10 x 3.3	10 x 5.0
40	4.77	12 x 3.3	12 x 5.0
42	4.71	12 x 3.3	12 x 5.0
45	4.62	14 x 3.8	14 x 5.5
48	4.52	14 x 3.8	14 x 5.5
50	4.44	14 x 3.8	14 x 5.5
55	4.25	16 x 4.3	16 x 6.0
60	4.04	18 x 4.4	18 x 7.0
65	3.81	18 x 4.4	18 x 7.0
70	3.56	20 x 4.9	20 x 7.5
75	3.29	20 x 4.9	20 x 7.5
80	3.01	22 x 5.4	22 x 9.0
85	2.70	22 x 5.4	22 x 9.0
90	2.38	25 x 5.4	25 x 9.0
95	2.17	25 x 5.4	25 x 9.0
100*	1.79	28 x 5.4*	28 x 10.0

4030

Indre diam-eter	Vekt kg [†]	Kilestørrelse	
		Bush	Shaft
40	7.55	12 x 3.3	12 x 5.0
42	7.48	12 x 3.3	12 x 5.0
45	7.36	14 x 3.8	14 x 5.5
48	7.24	14 x 3.8	14 x 5.5
50	7.15	14 x 3.8	14 x 5.5
55	6.92	16 x 4.3	16 x 6.0
60	6.67	18 x 4.4	18 x 7.0
65	6.39	18 x 4.4	18 x 7.0
70	6.09	20 x 4.9	20 x 7.5
75	5.77	20 x 4.9	20 x 7.5
80	5.43	22 x 5.4	22 x 9.0
85	5.06	22 x 5.4	22 x 9.0
90	4.68	25 x 5.4	22 x 9.0
95	4.27	25 x 5.4	22 x 9.0
100	3.84	28 x 6.4	28 x 10.0
105	5.59	28 x 6.4	28 x 10.0
110	3.09	28 x 6.4	28 x 10.0
115*	2.56	32 x 5.4*	32 x 11.0

3535

Indre diam-eter	Vekt kg [†]	Kilestørrelse	
		Bush	Shaft
32	6.65	10 x 3.3	10 x 5.0
35	6.55	10 x 3.3	10 x 5.0
38	6.43	10 x 3.3	10 x 5.0
40	6.35	12 x 3.3	12 x 5.0
42	6.27	12 x 3.3	12 x 5.0
45	6.13	14 x 3.8	14 x 5.5
48	5.99	14 x 3.8	14 x 5.5
50	5.89	14 x 3.8	14 x 5.5
55	5.62	16 x 4.3	16 x 6.0
60	5.32	18 x 4.4	18 x 7.0
65	5.00	18 x 4.4	18 x 7.0
70	4.65	20 x 4.9	20 x 7.5
75	4.28	20 x 4.9	20 x 7.5
80	3.88	22 x 5.4	22 x 9.0
85	3.45	22 x 5.4	22 x 9.0
90	3.00	25 x 5.4	25 x 9.0

4040

Indre diam-eter	Vekt kg [†]	Kilestørrelse	
		Bush	Shaft
40	9.83	12 x 3.3	12 x 5.0
42	9.73	12 x 3.3	12 x 5.0
45	9.58	14 x 3.8	14 x 5.5
48	9.41	14 x 3.8	14 x 5.5
50	9.30	14 x 3.8	14 x 5.5
55	8.99	16 x 4.3	16 x 6.0
60	8.65	18 x 4.4	18 x 7.0
65	8.28	18 x 4.4	18 x 7.0
70	7.88	20 x 4.9	20 x 7.5
75	7.46	20 x 4.9	20 x 7.5
80	7.00	22 x 5.4	22 x 9.0
85	6.51	22 x 5.4	22 x 9.0
90	6.00	25 x 5.4	25 x 9.0
95	5.45	25 x 5.4	25 x 9.0
100	4.88	28 x 6.4	28 x 10.0

† Net Vekt including screws.

Bold type indicates bushes made of GGG cast iron.

Keywords are in accordance with BS4235, Part 1, 1972, DIN6885 and conform to ISO recommendations with the exception of those marked* which are shallower.

Depth of key measured at centre.

All Dimensjoner in millimetres unless otherwise stated.

BØSSINGER**Taperlock- utvalg tomme****4535**

Indre diam-eter	Vekt kg [†]	Kilestørrelse	
		Bush	Shaft
55	10.33	16 x 4.3	10 x 6.0
60	10.03	18 x 4.4	18 x 7.0
65	9.71	18 x 4.4	18 x 7.0
70	9.36	20 x 4.9	20 x 7.5
75	8.99	20 x 4.9	20 x 7.5
80	8.59	22 x 5.4	22 x 9.0
85	8.16	22 x 5.4	22 x 9.0
90	7.71	25 x 5.4	25 x 9.0
95	7.23	25 x 5.4	25 x 9.0
100	6.73	28 x 6.4	28 x 10.0
105	6.20	28 x 6.4	28 x 10.0
110	5.65	28 x 6.4	28 x 10.0
115	5.38	32 x 7.4	32 x 11.0
120	4.73	32 x 7.4	32 x 11.0
125	4.06	32 x 7.4	32 x 11.0

4545

Indre diam-eter	Vekt kg [†]	Kilestørrelse	
		Bush	Shaft
55	13.72	16 x 4.3	16 x 6.0
60	13.34	18 x 4.4	18 x 7.0
65	12.93	18 x 4.4	18 x 7.0
70	12.48	20 x 4.9	20 x 7.5
75	12.00	20 x 4.9	20 x 7.5
80	11.49	22 x 5.4	22 x 9.0
85	10.94	22 x 5.4	22 x 9.0
90	10.36	25 x 5.4	25 x 9.0
95	9.75	25 x 5.4	25 x 9.0
100	9.10	28 x 6.4	28 x 10.0
105	8.42	28 x 6.4	28 x 10.0
110	7.71	28 x 6.4	28 x 10.0

5040

Indre diam-eter	Vekt kg [†]	Kilestørrelse	
		Bush	Shaft
70	13.42	20 x 4.9	20 x 7.5
75	12.99	20 x 4.9	20 x 7.5
80	12.53	22 x 5.4	22 x 9.0
85	12.05	22 x 5.4	22 x 9.0
90	11.53	25 x 5.4	25 x 9.0
95	10.99	25 x 5.4	25 x 9.0
100	10.41	28 x 6.4	28 x 10.0
105	9.81	28 x 6.4	28 x 10.0
110	9.17	28 x 6.4	28 x 10.0
115	8.51	32 x 7.4	32 x 11.0
120	7.82	32 x 7.4	32 x 11.0
125	7.10	32 x 7.4	32 x 11.0

5050

Indre diam-eter	Vekt kg [†]	Kilestørrelse	
		Bush	Shaft
70	16.33	20 x 4.9	20 x 7.5
75	15.80	20 x 4.9	20 x 7.5
80	15.23	22 x 5.4	22 x 9.0
85	14.62	22 x 5.4	22 x 9.0
90	13.97	25 x 5.4	25 x 9.0
95	13.29	25 x 5.4	25 x 9.0
100	12.58	28 x 6.4	28 x 10.0
105	11.82	28 x 6.4	28 x 10.0
110	11.03	28 x 6.4	28 x 10.0
115	10.20	32 x 7.4	32 x 11.0
120	9.33	32 x 7.4	32 x 11.0
125	8.43	32 x 7.4	32 x 11.0

[†] Net Vekt including screws.

Bold type indicates bushes made of **GGG cast iron**.

Keyways are in accordance with BS4235, Part 1, 1972, DIN6885 and conform to ISO recommendations with the exception of those marked* which are shallower.
Depth of key measured at centre.

All Dimensjoner in millimetres unless otherwise stated.

NOTE

CHALLENGE can manufacture larger taper bush Str.s including 6050, 7060 and 8065. These are available to order with the following maksimum Indre diameters:

6050 150 mm or 6"

7060 175 mm or 7"

8065 200 mm or 8"

Pilot Indre diameter taper bushes in these Str.s are also available.

BØSSINGER

Taperlock- utvalg tomme

1008

Indre diam-eter	Vekt kg [†]	Kilestørrelse	
		Bush	Shaft
3/8	0.13	0.125 x 0.060	0.125 x 0.072
7/16	0.12	0.125 x 0.060	0.125 x 0.072
1/2	0.12	0.125 x 0.060	0.125 x 0.072
9/16	0.11	0.125 x 0.060	0.125 x 0.072
5/8	0.11	0.188 x 0.088	0.188 x 0.107
11/16	0.10	0.188 x 0.088	0.188 x 0.107
3/4	0.09	0.188 x 0.088	0.188 x 0.107
13/16	0.09	0.250 x 0.115	0.250 x 0.142
7/8	0.08	0.250 x 0.115	0.250 x 0.142
15/16	0.07	0.250 x 0.115	0.250 x 0.142
1*	0.06	0.250 x 0.052*	0.250 x 0.142

1210

Indre di-iameter	Vekt kg [†]	Kilestørrelse	
		Bush	Shaft
1/2	0.25	0.125 x 0.060	0.125 x 0.072
9/16	0.24	0.188 x 0.088	0.188 x 0.107
5/8	0.24	0.188 x 0.088	0.188 x 0.107
11/16	0.23	0.188 x 0.088	0.188 x 0.107
3/4	0.22	0.188 x 0.088	0.188 x 0.107
13/16	0.21	0.250 x 0.115	0.250 x 0.142
7/8	0.20	0.250 x 0.115	0.250 x 0.142
15/16	0.19	0.250 x 0.115	0.250 x 0.142
1	0.18	0.250 x 0.115	0.250 x 0.142
1.1/16	0.17	0.312 x 0.112	0.312 x 0.177
1.1/8	0.15	0.312 x 0.112	0.312 x 0.177
1.3/16	0.14	0.312 x 0.112	0.312 x 0.177
1.1/4	0.13	0.312 x 0.112	0.312 x 0.177
1.5/16	0.12	0.375 x 0.112	0.375 x 0.213

1310

Indre diam-eter	Vekt kg [†]	Kilestørrelse	
		Bush	Shaft
1/2	0.31	0.125 x 0.060	0.125 x 0.072
5/8	0.30	0.188 x 0.088	0.188 x 0.107
3/4	0.28	0.188 x 0.088	0.188 x 0.107
7/8	0.26	0.250 x 0.115	0.250 x 0.142
1	0.24	0.250 x 0.115	0.250 x 0.142
1.1/8	0.21	0.312 x 0.112	0.312 x 0.177
1.1/4	0.19	0.312 x 0.112	0.312 x 0.177
1.3/8	0.16	0.375 x 0.110	0.375 x 0.213

[†] Net Vekt including screws.

Bold type indicates bushes made of Stål.

Keyways are parallel and in accordance with BS46: Part 1:1958, with the exception of those marked* which are shallower.

Depth of key measured at centre.

All Dimensjoner in Tommeres unless otherwise stated.

1108

Indre di-iameter	Vekt kg [†]	Kilestørrelse	
		Bush	Shaft
3/8	0.15	0.125 x 0.060	0.125 x 0.072
7/16	0.14	0.125 x 0.060	0.125 x 0.072
1/2	0.14	0.125 x 0.060	0.125 x 0.072
9/16	0.13	0.188 x 0.088	0.188 x 0.107
5/8	0.13	0.188 x 0.088	0.188 x 0.107
11/16	0.12	0.188 x 0.088	0.188 x 0.107
3/4	0.11	0.188 x 0.088	0.188 x 0.107
13/16	0.11	0.250 x 0.115	0.250 x 0.142
7/8	0.10	0.250 x 0.115	0.250 x 0.142
15/16	0.09	0.250 x 0.115	0.250 x 0.142
1	0.08	0.250 x 0.115	0.250 x 0.142
1.1/16	0.07	0.312 x 0.065*	0.312 x 0.177
1.1/8*	0.06	0.312 x 0.065*	0.312 x 0.177

1215

Indre di-iameter	Vekt kg [†]	Kilestørrelse	
		Bush	Shaft
9/16	0.38	0.188 x 0.088	0.188 x 0.101
5/8	0.36	0.188 x 0.088	0.188 x 0.101
11/16	0.34	0.188 x 0.088	0.188 x 0.107
3/4	0.33	0.188 x 0.088	0.188 x 0.107
13/16	0.32	0.250 x 0.115	0.250 x 0.142
7/8	0.30	0.250 x 0.115	0.250 x 0.142
15/16	0.28	0.250 x 0.115	0.250 x 0.142
1	0.27	0.250 x 0.115	0.250 x 0.142
1.1/16	0.25	0.312 x 0.112	0.312 x 0.177
1.1/8	0.23	0.312 x 0.112	0.312 x 0.177
1.3/16	0.21	0.312 x 0.112	0.312 x 0.177
1.1/4	0.20	0.312 x 0.112	0.312 x 0.177

1610

Indre di-iameter	Vekt kg [†]	Kilestørrelse	
		Bush	Shaft
1/2	0.38	0.125 x 0.060	0.125 x 0.072
9/16	0.37	0.188 x 0.088	0.188 x 0.107
5/8	0.37	0.188 x 0.088	0.188 x 0.107
11/16	0.36	0.188 x 0.088	0.188 x 0.107
3/4	0.35	0.188 x 0.088	0.188 x 0.107
13/16	0.34	0.250 x 0.115	0.250 x 0.142
7/8	0.33	0.250 x 0.115	0.250 x 0.142
15/16	0.32	0.250 x 0.115	0.250 x 0.142
1	0.31	0.250 x 0.115	0.250 x 0.142
1.1/16	0.30	0.312 x 0.112	0.312 x 0.177
1.1/8	0.28	0.312 x 0.112	0.312 x 0.177
1.3/16	0.27	0.312 x 0.112	0.312 x 0.177
1.1/4	0.26	0.312 x 0.112	0.312 x 0.177
1.5/16	0.24	0.375 x 0.110	0.375 x 0.213
1.3/8	0.22	0.375 x 0.110	0.375 x 0.213
1.7/16	0.21	0.375 x 0.110	0.375 x 0.213
1.1/2	0.19	0.375 x 0.110	0.375 x 0.213
1.9/16	0.17	0.438 x 0.134	0.438 x 0.248
1.5/8	0.16	0.438 x 0.134	0.438 x 0.248
1.11/16	0.15	0.438 x 0.134	0.438 x 0.248

BØSSINGER**Taperlock- utvalg tomme****1615**

Indre diameter	Vekt kg [†]	Kilestørrelse	
		Bush	Shaft
1/2	0.58	0.125 x 0.060	0.125 x 0.072
5/8	0.56	0.188 x 0.088	0.188 x 0.107
3/4	0.54	0.188 x 0.088	0.188 x 0.107
7/8	0.51	0.250 x 0.115	0.250 x 0.142
1	0.48	0.250 x 0.115	0.250 x 0.142
1.1/8	0.44	0.312 x 0.112	0.312 x 0.177
1.1/4	0.40	0.312 x 0.112	0.312 x 0.177
1.5/16	0.37	0.375 x 0.110	0.375 x 0.213
1.3/8	0.35	0.375 x 0.110	0.375 x 0.213
1.7/16	0.32	0.375 x 0.110	0.375 x 0.213
1.1/2	0.30	0.375 x 0.110	0.375 x 0.213
1.5/8*	0.26	0.438 x 0.103*	0.438 x 0.248

2517

Indre diameter	Vekt kg [†]	Kilestørrelse	
		Bush	Shaft
3/4	1.64	0.188 x 0.088	0.188 x 0.107
13/16	1.62	0.250 x 0.115	0.250 x 0.142
7/8	1.61	0.250 x 0.115	0.250 x 0.142
15/16	1.59	0.250 x 0.115	0.250 x 0.142
1	1.57	0.250 x 0.115	0.250 x 0.142
1.1/16	1.55	0.312 x 0.112	0.312 x 0.177
1.1/8	1.53	0.312 x 0.112	0.312 x 0.177
1.3/16	1.51	0.312 x 0.112	0.312 x 0.177
1.1/4	1.48	0.312 x 0.112	0.312 x 0.177
1.5/16	1.45	0.375 x 0.110	0.375 x 0.213
1.3/8	1.42	0.375 x 0.110	0.375 x 0.213
1.7/16	1.39	0.375 x 0.110	0.375 x 0.213
1.1/2	1.36	0.375 x 0.110	0.375 x 0.213
1.9/16	1.33	0.438 x 0.134	0.438 x 0.248
1.5/8	1.30	0.438 x 0.134	0.438 x 0.248
1.11/16	1.26	0.438 x 0.134	0.438 x 0.248
1.3/4	1.23	0.438 x 0.134	0.438 x 0.248
1.13/16	1.19	0.500 x 0.131	0.500 x 0.263
1.7/8	1.15	0.500 x 0.131	0.500 x 0.263
1.15/16	1.11	0.500 x 0.131	0.500 x 0.263
2	1.07	0.500 x 0.131	0.500 x 0.283
2.1/8	0.99	0.625 x 0.185	0.625 x 0.354
2.3/16	0.94	0.625 x 0.185	0.625 x 0.354
2.1/4	0.90	0.625 x 0.185	0.625 x 0.354
2.5/16	0.85	0.625 x 0.185	0.625 x 0.354
2.3/8	0.80	0.625 x 0.185	0.625 x 0.354
2.7/16	0.75	0.625 x 0.185	0.625 x 0.354
2.1/2	0.70	0.625 x 0.185	0.625 x 0.354

2012

Indre diameter	Vekt kg [†]	Kilestørrelse	
		Bush	Shaft
7/16	0.79	0.125 x 0.060	0.125 x 0.072
9/16	0.77	0.188 x 0.088	0.188 x 0.107
5/8	0.76	0.188 x 0.088	0.188 x 0.107
11/16	0.75	0.188 x 0.088	0.188 x 0.107
3/4	0.74	0.188 x 0.088	0.188 x 0.107
13/16	0.72	0.250 x 0.115	0.250 x 0.142
7/8	0.71	0.250 x 0.115	0.250 x 0.142
15/16	0.70	0.250 x 0.115	0.250 x 0.142
1	0.69	0.250 x 0.115	0.250 x 0.142
1.1/16	0.67	0.312 x 0.112	0.312 x 0.177
1.1/8	0.65	0.312 x 0.112	0.312 x 0.177
1.3/16	0.64	0.312 x 0.112	0.312 x 0.177
1.1/4	0.62	0.312 x 0.112	0.312 x 0.177
1.5/16	0.60	0.375 x 0.110	0.375 x 0.213
1.3/8	0.58	0.375 x 0.110	0.375 x 0.213
1.7/16	0.56	0.375 x 0.110	0.375 x 0.213
1.1/2	0.54	0.375 x 0.110	0.375 x 0.213
1.9/16	0.52	0.438 x 0.134	0.438 x 0.248
1.5/8	0.49	0.438 x 0.134	0.438 x 0.248
1.11/16	0.47	0.438 x 0.134	0.438 x 0.248
1.3/4	0.44	0.438 x 0.134	0.438 x 0.248
1.13/16	0.42	0.500 x 0.131	0.500 x 0.283
1.7/8	0.39	0.500 x 0.131	0.500 x 0.283
1.15/16	0.36	0.500 x 0.131	0.500 x 0.283
2	0.35	0.500 x 0.131	0.500 x 0.283

2525

Indre diameter	Vekt kg [†]	Kilestørrelse	
		Bush	Shaft
7/8	2.12	0.250 x 0.115	0.250 x 0.142
1	2.07	0.250 x 0.115	0.250 x 0.142
1.1/8	2.01	0.312 x 0.112	0.312 x 0.177
1.1/4	1.93	0.312 x 0.112	0.312 x 0.177
1.3/8	1.86	0.375 x 0.110	0.375 x 0.213
1.1/2	1.77	0.375 x 0.110	0.375 x 0.213
1.5/8	1.68	0.438 x 0.134	0.438 x 0.248
1.3/4	1.58	0.438 x 0.134	0.438 x 0.248
1.7/8	1.47	0.500 x 0.131	0.500 x 0.283
2	1.36	0.500 x 0.131	0.500 x 0.283
2.1/8	1.23	0.625 x 0.185	0.625 x 0.364
2.1/4	1.10	0.625 x 0.185	0.625 x 0.354
2.3/8	0.97	0.625 x 0.185	0.625 x 0.354
2.1/2	0.82	0.625 x 0.153*	0.625 x 0.354

[†] Net Vekt including screws.

Bold type indicates bushes made of Stål.

Keyways are parallel and in accordance with BS46: Part 1:1958, with the exception of those marked* which are shallower.

Depth of key measured at centre.

All Dimensjoner in Tommeres unless otherwise stated.

BØSSINGER

Taperlock- utvalg tomme

3020

Indre diameter	Vekt kg [†]	Kilestørrelse	
		Bush	Shaft
1.1/16	2.85	0.312 x 0.112	0.212 x 0.177
1.3/16	2.80	0.312 x 0.112	0.212 x 0.177
1.1/4	2.75	0.312 x 0.112	0.212 x 0.177
1.5/16	2.72	0.375 x 0.110	0.375 x 0.213
1.3/8	2.69	0.375 x 0.110	0.375 x 0.213
1.7/16	2.65	0.375 x 0.110	0.375 x 0.213
1.1/2	2.62	0.375 x 0.110	0.375 x 0.213
1.9/16	2.59	0.438 x 0.134	0.438 x 0.248
1.5/8	2.55	0.438 x 0.134	0.438 x 0.248
1.11/16	2.51	0.438 x 0.134	0.438 x 0.248
1.3/4	2.47	0.438 x 0.134	0.438 x 0.248
1.13/16	2.43	0.500 x 0.131	0.500 x 0.283
1.7/8	2.38	0.500 x 0.131	0.500 x 0.283
1.15/16	2.33	0.500 x 0.131	0.500 x 0.283
2	2.29	0.500 x 0.131	0.500 x 0.283
2.1/16	2.24	0.625 x 0.185	0.625 x 0.354
2.1/8	2.19	0.625 x 0.185	0.625 x 0.354
2.3/16	2.14	0.625 x 0.185	0.625 x 0.354
2.1/4	2.09	0.625 x 0.185	0.625 x 0.354
2.5/16	2.04	0.625 x 0.185	0.625 x 0.354
2.3/8	1.98	0.625 x 0.185	0.625 x 0.354
2.7/16	1.92	0.625 x 0.185	0.625 x 0.354
2.1/2	1.86	0.625 x 0.185	0.625 x 0.354
2.9/16	1.80	0.750 x 0.209	0.750 x 0.424
2.5/8	1.74	0.750 x 0.209	0.750 x 0.424
2.11/16	1.68	0.750 x 0.209	0.750 x 0.424
2.3/4	1.61	0.750 x 0.209	0.750 x 0.424
2.13/16	1.55	0.750 x 0.209	0.750 x 0.424
2.7/8	1.48	0.750 x 0.209	0.750 x 0.424
2.15/16	1.41	0.750 x 0.209	0.750 x 0.424
3	1.34	0.750 x 0.209	0.750 x 0.424

3030

Indre diameter	Vekt kg [†]	Kilestørrelse	
		Bush	Shaft
1.1/4	3.87	0.312 x 0.112	0.312 x 0.177
1.3/8	3.77	0.375 x 0.110	0.375 x 0.213
1.1/2	3.67	0.375 x 0.110	0.375 x 0.213
1.5/8	3.56	0.438 x 0.134	0.438 x 0.248
1.11/16	3.50	0.438 x 0.134	0.438 x 0.248
1.3/4	3.44	0.438 x 0.134	0.438 x 0.248
1.13/16	3.38	0.500 x 0.131	0.500 x 0.283
1.7/8	3.31	0.500 x 0.131	0.500 x 0.283
1.15/16	3.24	0.500 x 0.131	0.500 x 0.283
2	3.17	0.500 x 0.131	0.500 x 0.283
2.1/16	3.09	0.625 x 0.185	0.625 x 0.354
2.1/8	3.02	0.625 x 0.185	0.625 x 0.354
2.3/16	2.95	0.625 x 0.185	0.625 x 0.354
2.1/4	2.87	0.625 x 0.185	0.625 x 0.354
2.5/16	2.77	0.625 x 0.185	0.625 x 0.354
2.3/8	2.70	0.625 x 0.185	0.625 x 0.354
2.7/16	2.61	0.625 x 0.185	0.625 x 0.354
2.1/2	2.53	0.625 x 0.185	0.625 x 0.354
2.9/16	2.44	0.750 x 0.209	0.750 x 0.424
2.5/8	2.35	0.750 x 0.209	0.750 x 0.424
2.11/16	2.25	0.750 x 0.209	0.750 x 0.424
2.3/4	2.16	0.750 x 0.209	0.750 x 0.424
2.13/16	2.06	0.750 x 0.209	0.750 x 0.424
2.7/8	1.96	0.750 x 0.209	0.750 x 0.424
2.15/16	1.85	0.750 x 0.209	0.750 x 0.424
3	1.75	0.750 x 0.209	0.750 x 0.424

† Net Vekt including screws.

Bold type indicates bushes made of Stål.

Keyways are parallel and in accordance with BS46: Part 1:1958, with the exception of those marked* which are shallower.

Depth of key measured at centre.

All Dimensjoner in Tommeres unless otherwise stated.

BØSSINGER**Taperlock- utvalg tomme****3525**

Indre diam- eter	Vekt kg†	Kilestørrelse	
		Bush	Shaft
1.1/2	4.83	0.375 x 0.110	0.375 x 0.213
1.5/8	4.74	0.438 x 0.134	0.438 x 0.248
1.9/16	4.71	0.438 x 0.134	0.438 x 0.248
1.11/16	4.67	0.438 x 0.134	0.438 x 0.248
1.3/4	4.64	0.438 x 0.134	0.438 x 0.248
1.13/16	4.59	0.500 x 0.131	0.500 x 0.283
1.7/8	4.53	0.500 x 0.131	0.500 x 0.283
1.15/16	4.48	0.500 x 0.131	0.500 x 0.283
2	4.41	0.500 x 0.131	0.500 x 0.283
2.1/16	4.35	0.625 x 0.185	0.625 x 0.354
2.1/8	4.29	0.625 x 0.185	0.625 x 0.354
2.3/16	4.23	0.625 x 0.185	0.625 x 0.354
2.1/4	4.16	0.625 x 0.185	0.625 x 0.354
2.5/16	4.09	0.625 x 0.185	0.625 x 0.354
2.3/8	4.02	0.625 x 0.185	0.625 x 0.354
2.7/16	3.95	0.625 x 0.185	0.625 x 0.354
2.1/2	3.88	0.625 x 0.185	0.625 x 0.354
2.9/16	3.81	0.750 x 0.209	0.750 x 0.424
2.5/8	3.73	0.750 x 0.209	0.750 x 0.424
2.11/16	3.65	0.750 x 0.209	0.750 x 0.424
2.3/4	3.57	0.750 x 0.209	0.750 x 0.424
2.13/16	3.48	0.750 x 0.209	0.750 x 0.424
2.7/8	3.40	0.750 x 0.209	0.750 x 0.424
2.15/16	3.32	0.750 x 0.209	0.750 x 0.424
3	3.23	0.750 x 0.209	0.750 x 0.424
3.1/16	3.14	0.875 x 0.264	0.875 x 0.495
3.1/8	3.04	0.875 x 0.264	0.875 x 0.495
3.3/16	2.95	0.875 x 0.264	0.875 x 0.495
3.1/4	2.85	0.875 x 0.264	0.875 x 0.495
3.5/16	2.76	0.875 x 0.264	0.875 x 0.495
3.3/8	2.66	0.875 x 0.264	0.875 x 0.495
3.7/16	2.55	0.875 x 0.264	0.875 x 0.495
3.1/2	2.45	0.875 x 0.264	0.875 x 0.495
3.9/16	2.35	1.000 x 0.318	1.000 x 0.566
3.11/16	2.25	1.000 x 0.318	1.000 x 0.566
3.3/4*	2.15	1.000 x 0.245*	1.000 x 0.566
3.13/16*	1.99	1.000 x 0.245*	1.000 x 0.566
3.15/16*	1.82	1.000 x 0.155*	1.000 x 0.566
4*	1.66	1.000 x 0.155*	1.000 x 0.566

† Net Vekt including screws.

Bold type indicates bushes made of GGG

Cast Iron. Keyways are parallel and in accordance with BS46:Part 1:1958, with the exception of those marked* which are shallower. Depth of key measured at centre.

All Dimensjoner in Tommeres unless otherwise stated.

4030

Indre diameter	Vekt kg†	Kilestørrelse	
		Bush	Shaft
1.3/4	7.38	0.438 x 0.134	0.438 x 0.248
1.7/8	7.25	0.500 x 0.131	0.500 x 0.283
2	7.12	0.500 x 0.131	0.500 x 0.283
2.1/8	6.97	0.625 x 0.185	0.625 x 0.354
2.1/4	6.81	0.625 x 0.185	0.625 x 0.354
2.3/8	6.65	0.625 x 0.185	0.625 x 0.354
2.1/2	6.47	0.625 x 0.185	0.625 x 0.354
2.5/8	6.29	0.750 x 0.209	0.750 x 0.424
2.3/4	6.10	0.750 x 0.209	0.750 x 0.424
2.7/8	5.90	0.750 x 0.209	0.750 x 0.424
3	5.69	0.750 x 0.209	0.750 x 0.424
3.1/8	5.47	0.875 x 0.264	0.875 x 0.495
3.1/4	5.24	0.875 x 0.264	0.875 x 0.495
3.3/8	5.01	0.875 x 0.264	0.875 x 0.495
3.1/2	4.67	0.875 x 0.264	0.875 x 0.495
3.3/4	4.25	1.000 x 0.318	1.000 x 0.566
4	3.69	1.000 x 0.318	1.000 x 0.566
4.1/4	3.30	1.250 x 0.366	1.250 x 0.707
4.1/2*	2.63	1.250 x 0.255*	1.250 x 0.707

3535

Indre diam- eter	Vekt kg†	Kilestørrelse	
		Bush	Shaft
1.1/2	6.43	0.375 x 0.110	0.375 x 0.213
1.9/16	6.36	0.438 x 0.134	0.438 x 0.248
1.5/8	6.30	0.438 x 0.134	0.438 x 0.248
1.11/16	6.23	0.438 x 0.134	0.438 x 0.248
1.3/4	6.16	0.438 x 0.134	0.438 x 0.248
1.13/16	6.09	0.500 x 0.131	0.500 x 0.283
1.7/8	6.01	0.500 x 0.131	0.500 x 0.283
1.15/16	5.93	0.500 x 0.131	0.500 x 0.283
2	5.85	0.500 x 0.131	0.500 x 0.283
2.1/16	5.77	0.625 x 0.185	0.625 x 0.354
2.1/8	5.68	0.625 x 0.185	0.625 x 0.354
2.3/16	5.59	0.625 x 0.185	0.625 x 0.354
2.1/4	5.49	0.625 x 0.185	0.625 x 0.354
2.5/16	5.39	0.625 x 0.185	0.625 x 0.354
2.3/8	5.30	0.625 x 0.185	0.625 x 0.354
2.7/16	5.20	0.625 x 0.185	0.625 x 0.354
2.1/2	5.10	0.625 x 0.185	0.625 x 0.354
2.9/16	4.99	0.750 x 0.209	0.750 x 0.424
2.5/8	4.88	0.750 x 0.209	0.750 x 0.424
2.11/16	4.77	0.750 x 0.209	0.750 x 0.424
2.3/4	4.66	0.750 x 0.209	0.750 x 0.424
2.13/16	4.55	0.750 x 0.209	0.750 x 0.424
2.7/8	4.43	0.750 x 0.209	0.750 x 0.424
2.15/16	4.30	0.750 x 0.209	0.750 x 0.424
3	4.18	0.750 x 0.209	0.750 x 0.424
3.1/16	4.06	0.875 x 0.264	0.875 x 0.495
3.1/8	3.93	0.875 x 0.264	0.875 x 0.495
3.3/16	3.80	0.875 x 0.264	0.875 x 0.495
3.1/4	3.66	0.875 x 0.264	0.875 x 0.495
3.5/16	3.53	0.875 x 0.264	0.875 x 0.495
3.3/8	3.39	0.875 x 0.264	0.875 x 0.495
3.7/16	3.24	0.875 x 0.264	0.875 x 0.495
3.1/2	3.10	0.875 x 0.264	0.875 x 0.495

BØSSINGER
Taperlock- utvalg tomme

4040

Indre diameter	Vekt kg [†]	Kilestørrelse	
		Bush	Shaft
1.3/4	9.61	0.438 x 0.134	0.438 x 0.248
1.7/8	9.43	0.500 x 0.131	0.500 x 0.283
2	9.25	0.500 x 0.131	0.500 x 0.238
2.1/16	9.15	0.625 x 0.185	0.625 x 0.354
2.1/8	9.05	0.625 x 0.185	0.625 x 0.354
2.3/16	8.95	0.625 x 0.185	0.625 x 0.354
2.1/4	8.85	0.625 x 0.185	0.625 x 0.354
2.5/16	8.74	0.625 x 0.185	0.625 x 0.354
2.3/8	8.63	0.625 x 0.185	0.625 x 0.354
2.7/16	8.51	0.625 x 0.185	0.625 x 0.354
2.1/2	8.39	0.625 x 0.185	0.625 x 0.354
2.9/16	8.27	0.750 x 0.209	0.750 x 0.424
2.5/8	8.15	0.750 x 0.209	0.750 x 0.424
2.11/16	8.03	0.750 x 0.209	0.750 x 0.424
2.3/4	7.90	0.750 x 0.209	0.750 x 0.424
2.13/16	7.77	0.750 x 0.209	0.750 x 0.424
2.7/8	7.63	0.750 x 0.209	0.750 x 0.424
2.15/16	7.49	0.750 x 0.209	0.750 x 0.424
3	7.35	0.750 x 0.209	0.750 x 0.424
3.1/16	7.21	0.875 x 0.264	0.875 x 0.495
3.1/8	7.06	0.875 x 0.264	0.875 x 0.495
3.3/16	6.91	0.875 x 0.264	0.875 x 0.495
3.1/4	6.75	0.875 x 0.264	0.875 x 0.495
3.5/16	6.59	0.875 x 0.264	0.875 x 0.495
3.3/8	6.44	0.875 x 0.264	0.875 x 0.495
3.7/16	6.28	0.875 x 0.264	0.875 x 0.495
3.1/2	6.11	0.875 x 0.264	0.875 x 0.495
3.9/16	5.72	1.000 x 0.318	1.000 x 0.566
3.3/4	5.42	1.000 x 0.318	1.000 x 0.566
3.11/16	5.24	1.000 x 0.318	1.000 x 0.566
3.13/16	5.06	1.000 x 0.318	1.000 x 0.566
3.15/16	4.88	1.000 x 0.318	1.000 x 0.566
4	4.69	1.000 x 0.318	1.000 x 0.566

† Net Vekt including screws.

Bold type indicates bushes made of **GGG Cast Iron**.
Keyways are parallel and in accordance with BS46:Part 1:1958, with the exception of those marked* which are shallower.
Depth of key measured at centre.

All Dimensjoner in Tommeres unless otherwise stated.

4545

Indre diameter	Vekt kg [†]	Kilestørrelse	
		Bush	Shaft
2.3/16	13.69	0.625 x 0.185	0.625 x 0.354
2.1/4	13.56	0.625 x 0.185	0.625 x 0.354
2.5/16	13.44	0.625 x 0.185	0.625 x 0.354
2.3/8	13.32	0.625 x 0.185	0.625 x 0.354
2.7/16	13.19	0.625 x 0.185	0.625 x 0.354
2.1/2	13.06	0.625 x 0.185	0.625 x 0.354
2.5/8	12.78	0.750 x 0.209	0.750 x 0.424
2.3/4	12.50	0.750 x 0.209	0.750 x 0.424
2.7/8	12.19	0.750 x 0.209	0.750 x 0.424
3	11.88	0.750 x 0.209	0.750 x 0.424
3.1/16	11.72	0.875 x 0.264	0.875 x 0.495
3.1/8	11.55	0.875 x 0.264	0.875 x 0.495
3.1/4	11.21	0.875 x 0.264	0.875 x 0.495
3.3/8	10.86	0.875 x 0.264	0.875 x 0.495
3.7/16	10.68	0.875 x 0.264	0.875 x 0.495
3.1/2	10.49	0.875 x 0.264	0.875 x 0.495
3.9/16	10.11	1.000 x 0.318	1.000 x 0.566
3.3/4	9.72	1.000 x 0.318	1.000 x 0.566
3.13/16	9.28	1.000 x 0.318	1.000 x 0.566
4	8.89	1.000 x 0.318	1.000 x 0.566
4.1/4	8.00	1.250 x 0.366	1.250 x 0.707
4.5/16	7.54	1.250 x 0.366	1.250 x 0.707
4.1/2	7.07	1.250 x 0.366	1.250 x 0.707

4535

Indre diam-eter	Vekt kg [†]	Kilestørrelse	
		Bush	Shaft
2.1/4	10.21	0.625 x 0.185	0.625 x 0.354
2.3/8	10.01	0.625 x 0.185	0.625 x 0.354
2.1/2	9.81	0.625 x 0.185	0.625 x 0.354
2.5/8	9.60	0.750 x 0.209	0.750 x 0.424
2.3/4	9.37	0.750 x 0.209	0.750 x 0.424
2.7/8	9.14	0.750 x 0.209	0.750 x 0.424
3	8.90	0.750 x 0.209	0.750 x 0.424
3.1/8	8.64	0.875 x 0.264	0.875 x 0.495
3.1/4	8.38	0.875 x 0.264	0.875 x 0.495
3.3/8	8.10	0.875 x 0.264	0.875 x 0.495
3.1/2	7.81	0.875 x 0.264	0.875 x 0.495
3.3/4	7.21	1.000 x 0.318	1.000 x 0.566
4	6.56	1.000 x 0.318	1.000 x 0.566
4.1/4	5.88	1.250 x 0.366	1.250 x 0.707
4.1/2	5.15	1.250 x 0.366	1.250 x 0.707
4.3/4	4.65	1.250 x 0.366	1.250 x 0.707
5*	3.78	1.250 x 0.358*	1.250 x 0.707

5040

Indre diameter	Vekt kg [†]	Kilestørrelse	
		Bush	Shaft
3	12.88	0.750 x 0.209	0.750 x 0.424
3.1/8	12.59	0.875 x 0.264	0.875 x 0.495
3.1/4	12.29	0.875 x 0.264	0.875 x 0.495
3.3/8	11.97	0.875 x 0.264	0.875 x 0.495
3.1/2	11.65	0.875 x 0.264	0.875 x 0.495
3.3/4	10.96	1.000 x 0.318	1.000 x 0.566
4	10.22	1.000 x 0.318	1.000 x 0.566
4.1/4	9.44	1.250 x 0.366	1.250 x 0.707
4.1/2	8.61	1.250 x 0.366	1.250 x 0.707
4.3/4	7.73	1.250 x 0.366	1.250 x 0.707
5	6.80	1.250 x 0.366	1.250 x 0.707

BØSSINGER

Taperlock- utvalg tomme

5050

Indre diam-eter	Vekt kg [†]	Kilestørrelse	
		Bush	Shaft
3	15.66	0.750 x 0.209	0.750 x 0.424
3.1/8	15.30	0.875 x 0.264	0.875 x 0.495
3.1/4	14.92	0.875 x 0.264	0.875 x 0.495
3.7/16	14.52	0.875 x 0.264	0.875 x 0.495
3.1/2	14.12	0.875 x 0.264	0.875 x 0.495
3.3/4	13.26	1.000 x 0.318	1.000 x 0.566
4	12.34	1.000 x 0.318	1.000 x 0.566
4.1/4	11.36	1.250 x 0.366	1.250 x 0.707
4.7/16	10.84	1.250 x 0.366	1.250 x 0.707
4.1/2	10.32	1.250 x 0.366	1.250 x 0.707
4.3/4	9.22	1.250 x 0.366	1.250 x 0.707
5	8.06	1.250 x 0.366	1.250 x 0.707

[†] Net Vekt including screws.

Keyways are parallel and in accordance with BS46:Part 1:1958, with the exception of those marked* which are shallower.
Depth of key measured at centre.

All Dimensjoner in millimetres unless otherwise stated.

NOTE

Challenge can manufacture larger taper bush Str.s including 6050, 7060 and 8065. These are available to order with the following maksimum Indre diameters:

6050 150 mm or 6"

7060 175 mm or 7"

8065 200 mm or 8"

Pilot Indre diameter taper bushes in these Str.s are also available.

BØSSINGER

Flens-nav

Flens-nav for taperlock er designet for bruk med universelt akseptert taperlock systemet. De gir en praktisk måte til å sikre vifte rotor, løpehjul, agitatorer og andre anordninger som må være solid festet til aksler.

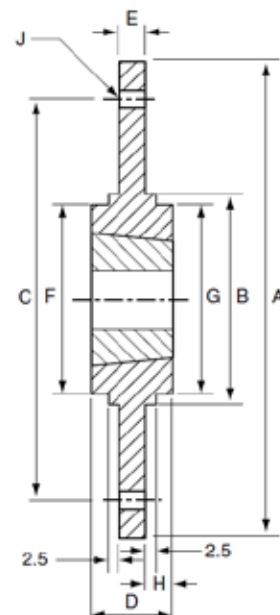
Challenge sin flens-nav, type SM er produsert fra GG22 støpejern og har fosfater for ekstra rustbeskyttelse.

SM flens-nav

Hub reference	Bush nr.	A	B	C	D	E	F/G	H	J (No. x Diam)
SM 12	1210	180	90	135	26	6.5	80	9.75	6 x 7.5
SM 16-1	1610	200	110	150	26	7.5	90	9.25	6 x 7.5
SM 16-2	1615	200	110	150	38	7.5	90	15.25	6 x 7.5
SM 20	2012	270	140	190	32	8.5	100	11.75	6 x 9.5
SM 25	2517	340	170	240	45	9.5	119	17.75	8 x 11.5
SM 30-1	3020	430	220	300	51	13.5	147	18.75	8 x 13.5
SM 30-2	3020	485	250	340	51	13.5	147	18.75	8 x 13.5



SM Bolt-on-Hub



Sveise-nav

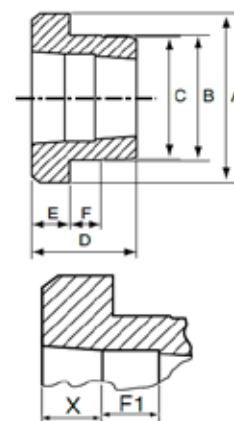
WH/WHG sveise-nav

Hub reference	Bush nr.	A	B	C	D	E	F	F1	X
WH12	1210	70	65	64.5	25	9	10	-	-
WH16-1	1610	80	75	74.5	25	9	10	-	-
WH20	2012	95	90	89.5	32	12	12	-	-
WH25	2517	115	110	109.5	44	19	15	-	-
WHG30-2	3020	145	140	139.5	50	20	15	17	17
WHG35	3525	190	180	179.5	65	25	25	22	22
WHG40-1	4030	200	190	189.0	76	32	30	25	25
WHG40-2	4040	200	190	189.5	101	32	30	34	34
WHG45-1	4535	210	200	199.5	89	40	30	30	30
WHG45-2	4545	210	200	199.5	114	40	30	38	38
WHG50-1	5040	230	220	219.5	102	40	35	34	34
WHG50-2	5050	230	220	219.5	127	40	35	42	42

"G" notation represents welding relief.

All Dimensions in millimetres unless otherwise stated.

WH/WHG sveise-nav



Detail of welding relief



BØSSINGER

Spennelament

SHAFTLOCK 01 spennelament

Dimensjoner					Transmission		Contact pressure		Locking Screws (DIN 912-12.9)		
d mm	D mm	L ₁ mm	L ₂ mm	L mm	Torque Mt Nm	Axial force Ft kN	Shaft P N/mm ²	Hub P1 N/mm ²	Qty.	Str.	Tightening torque Ts Nm
19	47	17	20	26	299	26.8	220	93	8	M6x18	17
20	47	17	20	26	308	26.8	210	93	8	M6x18	17
22	47	17	20	26	325	26.8	207	96	8	M6x18	17
24	50	17	20	26	415	30.1	206	103	9	M6x18	17
25	50	17	20	26	432	30.1	206	103	9	M6x18	17
28	55	17	20	26	483	33.5	204	103	10	M6x18	17
30	55	17	20	26	518	33.5	190	103	10	M6x18	17
32	60	17	20	26	739	40.2	214	114	12	M6x18	17
35	60	17	20	26	808	40.2	196	114	12	M6x18	17
38	65	17	20	26	1025	46.9	204	122	14	M6x18	17
40	65	17	20	26	1079	46.9	200	122	14	M6x18	17
42	75	20	24	32	1768	73.2	228	125	12	M8x22	38
45	75	20	24	32	1894	73.2	208	125	12	M8x22	38
48	80	20	24	32	2019	73.2	190	110	12	M8x22	38
50	80	20	24	32	2105	73.2	189	115	12	M8x22	38
55	85	20	24	32	2700	85.4	200	130	14	M8x22	38
60	90	20	24	32	2944	85.4	180	122	14	M8x22	38
65	95	20	24	32	3646	97.6	191	130	16	M8x22	38
70	110	24	28	38	5405	134.4	211	132	14	M10x25	75
75	115	24	28	38	5750	134.4	194	128	14	M10x25	75
80	120	24	28	38	6095	134.4	182	124	14	M10x25	75
85	125	24	28	38	7475	153.6	196	133	16	M10x25	75
90	130	24	28	38	7935	153.6	181	128	16	M10x25	75
95	135	24	28	38	9430	172.8	196	139	18	M10x25	75
100	145	26	33	45	11351	197.4	198	139	14	M12x30	130
110	155	26	33	45	12420	187.4	181	128	14	M12x30	130
120	165	26	33	45	15525	225.6	187	139	16	M12x30	130
130	180	34	38	50	21045	282.0	168	119	20	M12x35	130
140	190	34	38	50	24955	310.1	168	128	22	M12x35	130
150	200	34	38	50	29095	338.4	170	128	24	M12x35	130
160	210	34	38	50	33695	366.6	171	132	26	M12x35	130
170	225	38	44	58	37950	389.0	162	123	22	M14x40	207
180	235	38	44	58	43700	424.0	168	128	24	M14x40	207
190	250	46	52	66	54050	495.0	154	114	28	M14x45	207
200	260	46	52	66	60950	531.0	157	118	30	M14x45	207
220	285	50	56	72	79810	631.0	152	117	26	M16x50	290

All Dimensjoner in millimetres unless otherwise stated.

VIKTIG

Andre typer kan også skaffes.

Shaftlock 01

Maximum Permissible Tolerances

Shaft: - h8

Hub: - H8

Not Self Centering

