

Oljebronsbussningar



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— *Components for professionals* —

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STANDARDDIMENSIONSLISTA

Sinterbronsbussningar utan fläns (SMS 777)

Raka bussningar, mm	Raka bussningar, mm	Raka bussningar, mm	Raka bussningar, mm
02/04 × 04	14/18 × 10	20/28 × 20	45/51 × 35
03/08 × 04	14/18 × 14	20/28 × 30	45/51 × 45
04/08 × 04	14/18 × 20	20/28 × 40	45/51 × 55
04/08 × 06	14/20 × 10	20/40 × 40	45/55 × 35
04/08 × 08	14/20 × 12		45/55 × 45
04/08 × 10	14/20 × 14	22/27 × 15	45/55 × 55
	14/20 × 20	22/27 × 20	45/55 × 60
	14/20 × 30	22/27 × 25	45/55 × 65
	14/28 × 30	22/32 × 20	45/65 × 80
05/10 × 06		22/32 × 30	50/60 × 35
05/10 × 08	15/19 × 10		50/60 × 50
05/10 × 10	15/19 × 15	25/30 × 20	50/60 × 70
05/12 × 10	15/19 × 25	25/30 × 25	50/70 × 70
	15/20 × 10	25/30 × 30	
06/09 × 04	15/20 × 15	25/32 × 20	55/65 × 40
06/09 × 06	15/20 × 20	25/32 × 25	55/65 × 55
06/09 × 10	15/20 × 25	25/32 × 30	55/65 × 70
06/10 × 04	15/20 × 30	25/32 × 35	55/70 × 70
06/10 × 06	15/21 × 10	25/35 × 25	
06/10 × 10	15/21 × 15	25/35 × 35	60/68 × 50
06/12 × 06	15/21 × 25	25/35 × 50	60/68 × 60
06/12 × 08	15/22 × 16	25/45 × 35	60/68 × 70
06/12 × 12	15/22 × 20		60/70 × 50
06/14 × 12	15/22 × 30	30/35 × 20	60/70 × 60
	15/30 × 30	30/35 × 25	60/72 × 50
08/11 × 06		30/35 × 30	60/72 × 60
08/11 × 08	16/20 × 12	30/38 × 20	60/72 × 70
08/11 × 12	16/20 × 16	30/38 × 25	60/75 × 60
08/12 × 06	16/20 × 25	30/38 × 30	60/75 × 90
08/12 × 08	16/22 × 12	30/38 × 40	60/85 × 90
08/12 × 12	16/22 × 16	30/40 × 30	
08/14 × 08	16/22 × 20	30/40 × 45	65/75 × 60
08/14 × 12	16/22 × 25	30/40 × 60	65/75 × 90
08/14 × 16	16/22 × 30	30/50 × 60	65/80 × 60
08/18 × 16	16/32 × 30		65/80 × 90
		35/41 × 25	
10/14 × 08	18/22 × 12	35/41 × 35	70/80 × 60
10/14 × 10	18/22 × 18	35/41 × 40	70/80 × 90
10/14 × 16	18/22 × 30	35/45 × 25	70/85 × 60
10/16 × 08	18/24 × 12	35/45 × 35	70/85 × 90
10/16 × 10	18/24 × 18	35/45 × 40	
10/16 × 16	18/24 × 30	35/45 × 50	75/85 × 70
10/16 × 20	18/25 × 16	35/45 × 70	75/85 × 100
10/22 × 20	18/25 × 20		75/90 × 70
	18/25 × 30	40/46 × 30	75/90 × 100
12/16 × 08	18/35 × 30	40/46 × 40	
12/16 × 12		40/46 × 50	80/90 × 70
12/16 × 20	20/25 × 15	40/50 × 30	80/95 × 70
12/18 × 08	20/25 × 20	40/50 × 40	
12/18 × 12	20/25 × 25	40/50 × 50	90/105 × 80
12/18 × 16	20/26 × 15	40/50 × 60	90/110 × 80
12/18 × 20	20/26 × 20	40/50 × 80	
12/18 × 25	20/26 × 25		100/120 × 80
12/25 × 25	20/26 × 30		

STANDARDDIMENSIONSLISTA

Sinterbronsbussningar med fläns (SMS 779)

Flänsbussningar, mm

03/05 × 04 – 08 × 1,5
03/06 × 04 – 09 × 1,5

04/08 × 06 – 10 × 1,5
04/08 × 04 – 12 × 2
04/08 × 06 – 12 × 2

05/09 × 04 – 13 × 2
05/09 × 05 – 13 × 2
05/09 × 08 – 13 × 2
05/10 × 06 – 12 × 2

06/10 × 04 – 14 × 2
06/10 × 06 – 14 × 2
06/10 × 10 – 14 × 2
06/12 × 06 – 14 × 2

08/12 × 06 – 16 × 2
08/12 × 08 – 16 × 2
08/12 × 12 – 16 × 2
08/14 × 08 – 18 × 3

10/16 × 08 – 20 × 3
10/16 × 10 – 20 × 3
10/16 × 08 – 22 × 3
10/16 × 10 – 22 × 3
10/16 × 16 – 22 × 3

12/18 × 10 – 22 × 3
12/18 × 12 – 22 × 3
12/18 × 08 – 24 × 3
12/18 × 12 – 24 × 3
12/18 × 20 – 24 × 3

14/20 × 10 – 25 × 3
14/20 × 12 – 25 × 3
14/20 × 10 – 26 × 3
14/20 × 14 – 26 × 3
14/20 × 20 – 26 × 3

15/20 × 15 – 27 × 3
15/20 × 25 – 27 × 3
15/21 × 10 – 27 × 3
15/21 × 15 – 27 × 3
15/21 × 25 – 27 × 3
15/22 × 12 – 28 × 3
15/22 × 16 – 28 × 3

16/22 × 12 – 28 × 3
16/22 × 16 – 28 × 3
16/22 × 25 – 28 × 3
16/22 × 12 – 28 × 4
16/22 × 16 – 28 × 4

Flänsbussningar, mm

18/24 × 12 – 30 × 3
18/24 × 18 – 30 × 3
18/24 × 30 – 30 × 3
18/25 × 12 – 32 × 4
18/25 × 16 – 32 × 4

20/26 × 15 – 32 × 3
20/26 × 20 – 32 × 3
20/26 × 25 – 32 × 3
20/26 × 30 – 32 × 3
20/28 × 16 – 35 × 4
20/28 × 20 – 35 × 4

25/32 × 20 – 39 × 3,5
25/32 × 25 – 39 × 3,5
25/32 × 30 – 39 × 3,5
25/35 × 16 – 45 × 5
25/35 × 25 – 45 × 5

30/38 × 20 – 46 × 4
30/38 × 25 – 46 × 4
30/38 × 30 – 46 × 4
30/40 × 20 – 50 × 5
30/40 × 30 – 50 × 5

35/45 × 20 – 55 × 5
35/45 × 25 – 55 × 5
35/45 × 35 – 55 × 5
35/45 × 40 – 55 × 5

40/50 × 30 – 60 × 5
40/50 × 40 – 60 × 5
40/50 × 50 – 60 × 5
40/50 × 25 – 60 × 6
40/50 × 40 – 60 × 6

45/55 × 35 – 65 × 5
45/55 × 45 – 65 × 5
45/55 × 55 – 65 × 5
45/55 × 30 – 65 × 6
45/55 × 45 – 65 × 6

50/60 × 35 – 70 × 5
50/60 × 50 – 70 × 5
50/60 × 30 – 70 × 6
50/60 × 50 – 70 × 6

60/72 × 50 – 84 × 6
60/72 × 60 – 84 × 6
60/75 × 35 – 85 × 8
60/75 × 60 – 85 × 8

Flänsbussningar, mm

70/85 × 60 – 95 × 8

80/95 × 70 – 105 × 8

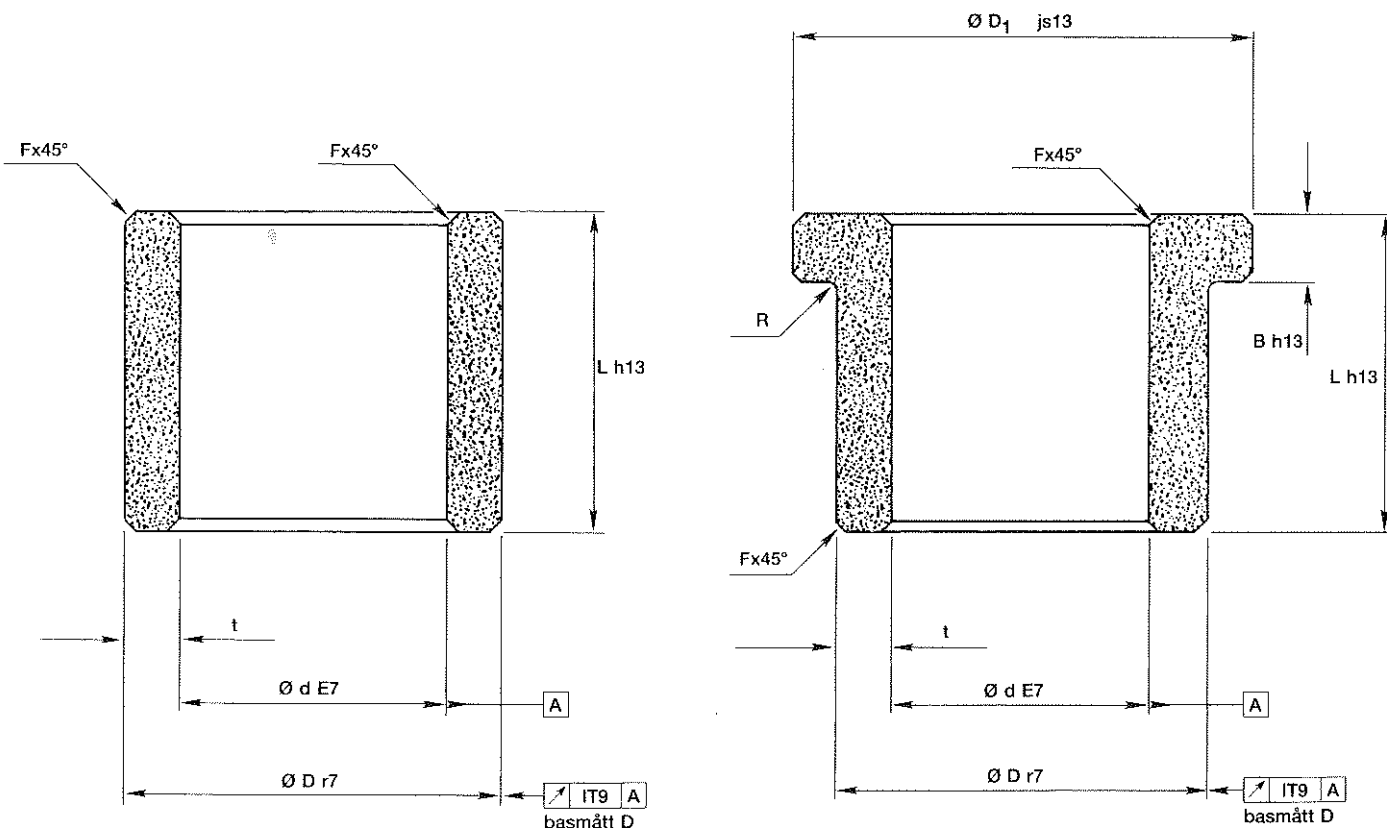
90/110 × 50 – 120 × 8

100/120 × 80 – 130 × 8

Utöver detta standard-program i sinterbrons offererar vi gärna även andra dimensioner liksom andra material som rödmetall SMS 776, SMS 778, ferrobrons och sinterjärn.

Standardbussningarnas toleranser

Bilderna nedan visar bussningarnas tillverkningstoleranser.



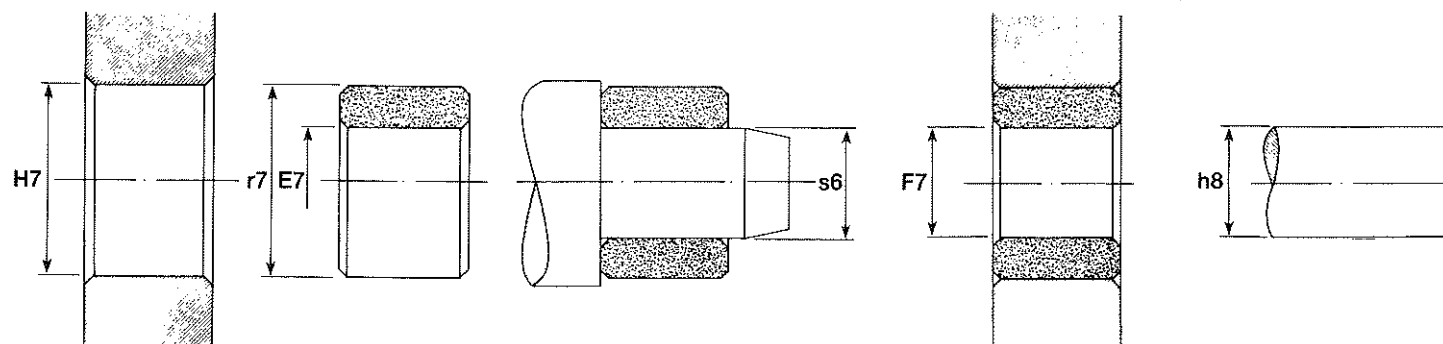
Montering av bussningarna samt lagerhus-/axeltolerans

Nedanstående bilder visar det vedertagna sättet att montera sinterbronsbussningar.

Lagerhuset skall ha H7-tolerans och axeln h8.

Axeln skall vara av stål med en hårdhet av minst 200 HB.

Axelns ytfinhet bör vara Ra 0,8 my.



Lagerståte

Lagrets toleranser

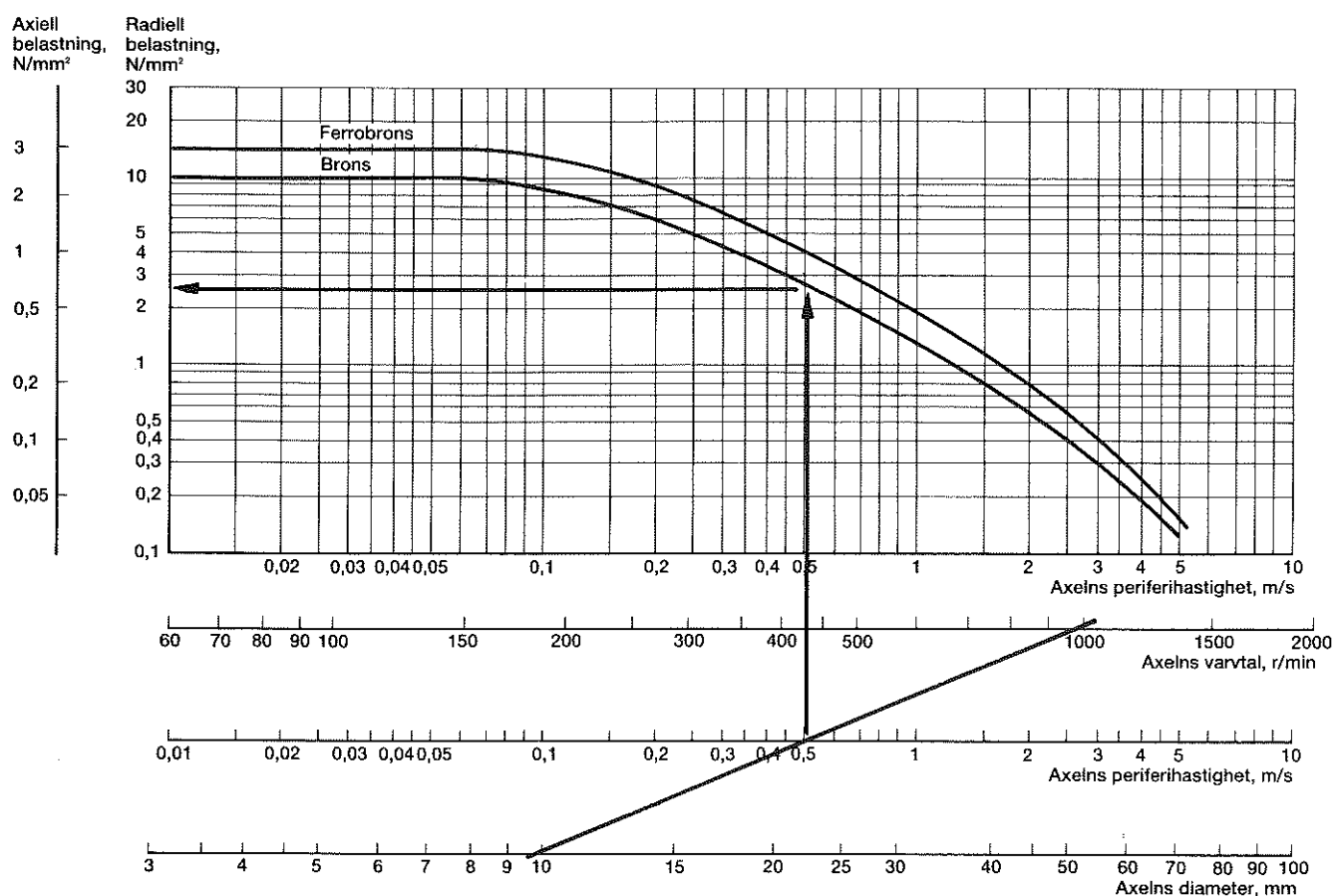
För montering av lager används inpressningsdorn med toleransen s6

varvid ovanstående lagertolerans erhålles

Axel

Driftsbetingelser

Med hjälp av nedanstående diagram kan man på ett enkelt sätt få fram lagrens tillåtna yttryck med utgångspunkt från axeldiameter, varvtal och med antagandet att driftstemperaturen är max. 80°C och livslängden skall vara 5000 till 6000 timmar.



Vårt sortiment

[illegible]

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