

# Shaft Collar For Bearing Mounting

## Set Screw

■ **Features:** For bearing inner ring retention. Requires no special tools, and economical compared to dedicated bearing nuts.

■ **Set Screw Type**

Type	Material	Surface Treatment	Accessory
Short Shoulder <b>SCSBR</b> <b>SCSBS</b>	S45C	Black Oxide Coating	Set Screw 2 pcs. SCM435 Equivalent
Long Shoulder <b>PSCSBR</b> <b>PSCSBS</b>	Equivalent	Electroless Nickel Plating	
<b>SSCSBR</b> <b>SSCSBS</b>	SUS304	-	MUS304 Equivalent
<b>SCSRAW</b> <b>SCSSAW</b>	2000series Aluminum Alloy	Clear Anodize	

25 / ( 6.3 / )

\*D3 -D25 : C0.5  
D30-D40 : C1

**Short Shoulder**

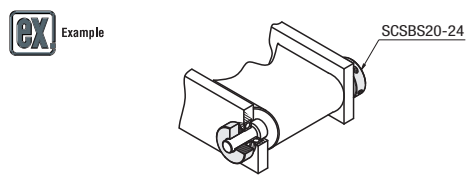
**Long Shoulder**

RoHS10    Included set screws can be optionally changed to thread locking treated type. (See Alterations below.)

Part Number Type	D	Ds Selection	Applicable Bearing (O.D.)	B	B1	D1	Set Screw M x Length	b	Unit Price																		
									SCSBR	PSCSBR	SSCSBR	SCSRAW															
(Short Shoulder) <b>SCSBR</b> <b>PSCSBR</b> <b>SSCSBR</b> <b>SCSRAW</b>	3	5	673ZZ (6), 683ZZ (7)	8	11	10	M3x3	7	-	-	-	-															
		6	693ZZ (8), 603ZZ (9), 623ZZ (10)						-	-	-	-															
		*7	674ZZ (7), 684ZZ (9)						-	-	-	-															
	4	*8	694ZZ (11), 604ZZ (12), 624ZZ (13)						10	12.5	12	M4x3	8.5	-	-	-	-										
		*9	675ZZ (8)											-	-	-	-										
		*10	685ZZ (11), 695ZZ (13), 605ZZ (14), 625ZZ (16)											-	-	-	-										
	5	*11	676ZZ (10), 686ZZ (13)											12	15	14	M5x4	10	-	-	-	-					
		*12	696ZZ (15), 606ZZ (17), 626ZZ (19)																-	-	-	-					
		*13	688ZZ (16)																-	-	-	-					
	6	*14	698ZZ (19), 608ZZ (22), 628ZZ (24)																15	18	16	M6x5	12	-	-	-	-
		*15	680ZZ (19)																					-	-	-	-
		*16	690ZZ (22), 600ZZ (26)																					-	-	-	-
8	*17	6200ZZ (30), 6300ZZ (35)	15.5	19	18	M8x6	13	-																-	-	-	
	*18	6801ZZ (21)						-																-	-	-	
	*19	6901ZZ (24), 6001ZZ (28)						-																-	-	-	
10	*20	6201ZZ (32), 6301ZZ (37)						19	21	20	M10x8	15	-											-	-	-	
	*21	6802ZZ (24), 6902ZZ (28)											-											-	-	-	
	*22	6002ZZ (32)											-											-	-	-	
12	*23	6202ZZ (35), 6302ZZ (42)											21	23	22	M6x5	10	-						-	-	-	
	*24	6803ZZ (26)																-						-	-	-	
	*25	6903ZZ (30), 6003ZZ (35)																-						-	-	-	
15	*26	6203ZZ (40), 6303ZZ (47)																23	25	24	M8x6	13	-	-	-	-	
	*27	6704ZZ (27), 6804ZZ (32)																					-	-	-	-	
	*28	6904ZZ (37)																					-	-	-	-	
20	*29	6004ZZ (42), 6204ZZ (47)	25	27	25	M5x4	8.5																-	-	-	-	
	*30	6805ZZ (37)																					-	-	-	-	
	*31	6905ZZ (42)																					-	-	-	-	
25	*32	6005ZZ (47)						27	29	26	M6x5	12											-	-	-	-	
	*33	6205ZZ (52)																					-	-	-	-	
	*34	6806ZZ (42)																					-	-	-	-	
30	*35	6906ZZ (47)											29	31	27	M8x6	13						-	-	-	-	
	*36	6006ZZ (55), 6206ZZ (62), 6306ZZ (72)																					-	-	-	-	
	*37	6807ZZ (47)																					-	-	-	-	
(35)	*38	6907ZZ (55)																31	33	28	M5x4	7	-	-	-	-	
	*39	6007ZZ (62), 6207ZZ (72)																					-	-	-	-	
	*40	6808ZZ (52)																					-	-	-	-	
(40)	*41	6908ZZ (62)	33	35	29	M6x5	10																-	-	-	-	
	*42	6008ZZ (68), 6208ZZ (80)																					-	-	-	-	
	*43	6809ZZ (62)																					-	-	-	-	

Prices in ( ) are for Long Shoulder Type only.

Ordering Example: Part Number - Ds  
**SCSBS12 - 18**



Alterations: Part Number - Ds - (YC)  
**SCSBS20 - 23 - YC**

Thread Locking Set Screw	
Alteration	 Thread Locking Compound
Code	<b>YC</b>
Spec.	Changes included set screws to thread locking treatment type. ■ About Thread Locking Treatment · Threads are coated with special resin with superior elasticity as well as resistance to abrasion and oil. · Effect is maximum at the first use, and it will gradually decrease after the fourth use. ⊗ Not applicable to SCSRAW and SCSSAW.

# Shaft Collar For Bearing Mounting (Space-Saving Design)

## Compact, Set Screw

■ **Features:** Smaller by up to 40% in width (B dim.) and 19% in O.D. (D1 dim.) than Set Screw Type (P.275).

■ **Compact, Set Screw**

Type	Material	Surface Treatment	Accessory
Short Shoulder <b>SCBRJ</b> <b>SCBSJ</b>	S45C	Black Oxide Coating	Set Screw 2 pcs. SCM435 Equivalent
Long Shoulder <b>PSCBRJ</b> <b>PSCBSJ</b>	Equivalent	Electroless Nickel Plating	
<b>SSCBRJ</b> <b>SSCBSJ</b>	SUS304	-	MUS304 Equivalent

25 / ( 6.3 / )

\*D4 -D25 : C0.5  
D30-D40 : C1

**Short Shoulder**

**Long Shoulder**

RoHS10    Included set screws can be optionally changed to thread locking treated type. (See Alterations below.)

Part Number Type	D	Ds Selection	Applicable Bearing (O.D.)	B	B1	D1	Set Screw M x Length	b	Unit Price																	
									SCBRJ	PSCBRJ	SSCBRJ															
(Short Shoulder) <b>SCBRJ</b> <b>PSCBRJ</b> <b>SSCBRJ</b>	4	7	684ZZ (9), 694ZZ (11), 604ZZ (12), 624ZZ (13)	6	9	10	M3x3	5	-	-	-															
		8	695ZZ (13), 605ZZ (14), 625ZZ (16)						-	-	-															
		*9	676ZZ (10), 686ZZ (13), 696ZZ (15), 606ZZ (17), 626ZZ (19)						-	-	-															
	5	*10	675ZZ (8)						7.5	10	12	M4x3	6	-	-	-										
		*11	685ZZ (11), 695ZZ (13), 605ZZ (14), 625ZZ (16)											-	-	-										
		*12	676ZZ (10), 686ZZ (13)											-	-	-										
	6	*13	696ZZ (15), 606ZZ (17), 626ZZ (19)											10	12	14	M5x4	7	-	-	-					
		*14	688ZZ (16)																-	-	-					
		*15	698ZZ (19), 608ZZ (22), 628ZZ (24)																-	-	-					
	8	*16	680ZZ (19)																12	15	16	M6x5	10	-	-	-
		*17	690ZZ (22), 600ZZ (26)																					-	-	-
		*18	6200ZZ (30), 6300ZZ (35)																					-	-	-
10	*19	6801ZZ (21)	15	17	18	M8x6	13	-																-	-	
	*20	6901ZZ (24), 6001ZZ (28)						-																-	-	
	*21	6201ZZ (32), 6301ZZ (37)						-																-	-	
12	*22	6802ZZ (24), 6902ZZ (28)						17	19	20	M5x4	8.5	-											-	-	
	*23	6002ZZ (32)											-											-	-	
	*24	6202ZZ (35), 6302ZZ (42)											-											-	-	
15	*25	6803ZZ (26)											19	21	22	M6x5	12	-						-	-	
	*26	6903ZZ (30), 6003ZZ (35)																-						-	-	
	*27	6203ZZ (40), 6303ZZ (47)																-						-	-	
(17)	*28	6704ZZ (27), 6804ZZ (32)																21	23	24	M8x6	13	-	-	-	
	*29	6904ZZ (37)																					-	-	-	
	*30	6004ZZ (42), 6204ZZ (47)																					-	-	-	
20	*31	6805ZZ (37)	23	25	26	M5x4	7																-	-	-	
	*32	6905ZZ (42)																					-	-	-	
	*33	6205ZZ (52)																					-	-	-	
25	*34	6806ZZ (42)						25	27	28	M6x5	10											-	-	-	
	*35	6906ZZ (47)																					-	-	-	
	*36	6006ZZ (55), 6206ZZ (62), 6306ZZ (72)																					-	-	-	
(35)	*37	6807ZZ (47)											27	29	30	M8x6	13						-	-	-	
	*38	6907ZZ (55)																					-	-	-	
	*39	6007ZZ (62), 6207ZZ (72)																					-	-	-	
(40)	*40	6808ZZ (52)																29	31	32	M5x4	7	-	-	-	
	*41	6908ZZ (62)																					-	-	-	
	*42	6008ZZ (68), 6208ZZ (80)																					-	-	-	

Prices in ( ) are for Long Shoulder Type only.

Ordering Example: Part Number - Ds  
**SCBRJ10 - 13**

Example: **SCBSJ**

