

Shaft Collar For Bearing Mounting

Set Screw

Shaft Collar For Bearing Mounting (Space-Saving Design)

Compact, Set Screw

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

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

■ **Set Screw Type**

Type	Material	Surface Treatment	Accessory
Short Shoulder SCSBR SCSBS	EN 1.1191 Equiv.	Black Oxide Coating	Set Screw 2 pcs. M EN 1.7220 Equiv.
Long Shoulder PSCSBR PSCSBS	EN 1.4301 Equiv.	Electroless Nickel Plating	M EN 1.4301 Equiv.
SSCSBR SSCSBS	EN 1.4301 Equiv.	-	M EN 1.4301 Equiv.
SCSRAW SCSSAW	Aluminum Alloy 2001 series	Clear Anodize	-

RoHS10

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

■ **Compact, Set Screw**

Type	Material	Surface Treatment	Accessory
Short Shoulder SCBRJ SCBSJ	EN 1.1191 Equiv.	Black Oxide Coating	Set Screw 2 pcs. M EN 1.7220 Equiv.
Long Shoulder PSCBRJ PSCBSJ	EN 1.4301 Equiv.	Electroless Nickel Plating	M EN 1.4301 Equiv.
SSCBRJ SSCBSJ	EN 1.4301 Equiv.	-	M EN 1.4301 Equiv.

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	B ₁	D ₁	Set Screw M x Length	b	Unit Price			
										SCSBR	PSCSBR	SSCSBR	SCSRAW
(Short Shoulder) SCSBR PSCSBR SSCSBR SCSRAW	3	5	6	673ZZ (6), 683ZZ (7)	8	11	10	M3x3	7	-	-	-	-
			7	674ZZ (7), 684ZZ (9)						-	-	-	
			*8	694ZZ (11), 604ZZ (12), 624ZZ (13)						-	-	-	
	4	6	7	675ZZ (8)	10	12.5	12	M4x3	8.5	-	-	-	-
			*8	685ZZ (11), 695ZZ (13), 605ZZ (14), 625ZZ (16)						-	-	-	
			*9	676ZZ (10), 686ZZ (13)						-	-	-	
	5	7	8	696ZZ (15), 606ZZ (17), 626ZZ (19)	12	15	14	M5x4	10	-	-	-	-
			*9	688ZZ (16)						-	-	-	
			*12	698ZZ (19), 608ZZ (22), 628ZZ (24)						-	-	-	
	6	8	9	6800ZZ (19)	15	18	16	M6x5	12	-	-	-	-
			*14	6900ZZ (22), 6000ZZ (26)						-	-	-	
			*16	6200ZZ (30), 6300ZZ (35)						-	-	-	
8	10	11	6801ZZ (21)	18	20	18	M8x6	15	-	-	-	-	
		*16	6901ZZ (24), 6001ZZ (28)						-	-	-		
		*18	6201ZZ (32), 6301ZZ (37)						-	-	-		
(Long Shoulder) SCSBS PSCSBS SSCSBS SCSSAW	12	15	16	6802ZZ (24), 6902ZZ (28)	20	22	M10x8	15	-	-	-	-	
			*18	6002ZZ (32)					-	-	-		
			*19	6202ZZ (35), 6302ZZ (42)					-	-	-		
15	17	19	6803ZZ (26)	25	27	22	M6x5	10	-	-	-	-	
		*20	6903ZZ (30), 6003ZZ (35)						-	-	-		
		*21	6203ZZ (40), 6303ZZ (47)						-	-	-		
20	(17)	23	6704ZZ (27), 6804ZZ (32)	32	32	25	M8x6	13	-	-	-	-	
		*24	6904ZZ (37)						-	-	-		
		*27	6004ZZ (42), 6204ZZ (47)						-	-	-		
25	30	28	6805ZZ (37)	42	42	27	M6x5	10	-	-	-	-	
		*29	6905ZZ (42)						-	-	-		
		*31	6005ZZ (47)						-	-	-		
30	(35)	32	6205ZZ (52)	50	50	27	M8x6	13	-	-	-	-	
		33	6806ZZ (42)						-	-	-		
		35	6906ZZ (47)						-	-	-		
(40)	48	*38	6006ZZ (55), 6206ZZ (62), 6306ZZ (72)	19	19	27	M8x6	13	-	-	-	-	
		38	6807ZZ (47)						-	-	-		
		41	6907ZZ (55)						-	-	-		
35	43	43	6007ZZ (62), 6207ZZ (72)	21	60	27	M10x8	15	-	-	-	-	
		43	6808ZZ (52)						-	-	-		
		45	6908ZZ (62)						-	-	-		
(40)	48	48	6008ZZ (68), 6208ZZ (80)	21	60	27	M10x8	15	-	-	-	-	
		43	6808ZZ (52)						-	-	-		
		45	6908ZZ (62)						-	-	-		

Ⓜ Prices in () are for Long Shoulder Type only.

Part Number	Type	D	Ds Selection	Applicable Bearing (O.D.)	B	B ₁	D ₁	Set Screw M x Length	b	Unit Price		
										SCBRJ	PSCBRJ	SSCBRJ
(Short Shoulder) SCBRJ PSCBRJ SSCBRJ	4	7	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	8	12	688ZZ (16), 698ZZ (19), 608ZZ (22), 628ZZ (24)	7.5	10	15	M4x3	6	-	-	-
			13	6800ZZ (19)						-	-	-
			14	6900ZZ (22), 6000ZZ (26)						-	-	-
	10	15	16	6200ZZ (30), 6300ZZ (35)	10	19	17	M5x4	7	-	-	-
			15	6701ZZ (18), 6801ZZ (21)						-	-	-
			16	6901ZZ (24), 6001ZZ (28)						-	-	-
	12	18	18	6201ZZ (32), 6301ZZ (37)	12	22	19	M6x5	8	-	-	-
			18	6802ZZ (24), 6902ZZ (28)						-	-	-
			19	6002ZZ (32)						-	-	-
15	(17)	21	6202ZZ (35), 6302ZZ (42)	8.5	12	22	M5x4	7	-	-	-	
		20	6803ZZ (26)						-	-	-	
		21	6903ZZ (30), 6003ZZ (35)						-	-	-	
20	23	23	6203ZZ (40), 6303ZZ (47)	10	14	24	M6x5	8	-	-	-	
		23	6704ZZ (27), 6804ZZ (32)						-	-	-	
		24	6904ZZ (37)						-	-	-	
25	30	27	6004ZZ (42), 6204ZZ (47)	12	15	24	M5x4	7	-	-	-	
		29	6905ZZ (42)						-	-	-	
		31	6005ZZ (47)						-	-	-	
30	(35)	32	6205ZZ (52), 6305ZZ (62)	15.5	19	29	M6x5	8	-	-	-	
		35	6906ZZ (47)						-	-	-	
		38	6006ZZ (55), 6206ZZ (62), 6306ZZ (72)						-	-	-	
(35)	43	41	6807ZZ (47)	21	60	29	M8x6	10	-	-	-	
		43	6907ZZ (55)						-	-	-	
		43	6007ZZ (62), 6207ZZ (72)						-	-	-	
(40)	48	43	6808ZZ (52)	21	60	29	M8x6	10	-	-	-	
		45	6908ZZ (62)						-	-	-	
		48	6008ZZ (68), 6208ZZ (80)						-	-	-	

Ⓜ Prices in () are for Long Shoulder Type only.

Ordering Example: Part Number - Ds
SCSBS12 - 18

Ordering Example: Part Number - Ds
SCBRJ10 - 13

Example: **ex** Part Number - Ds
SCBSJ - 13

Alterations

Alteration	Code	Spec.
Thread Locking Set Screw Thread Locking Compound	YC	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.

Example: **ex** **SCSBS20-24**

