

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 SCSBR SCSBS | S45C | Black Oxide Coating | Set Screw 2 pcs. SCM435 Equivalent |
| Long Shoulder PSCSBR PSCSBS | Equivalent | Electroless Nickel Plating | |
| SSCSBR SSCSBS | SUS304 | - | MUSUS304 Equivalent |
| SCSRAW SCSSAW | 2000series Aluminum Alloy | Clear Anodize | |

25 / (6.3 /)

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

Short Shoulder

Long Shoulder

RoHS Ⓜ 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) SCSBR PSCSBR SSCSBR SCSRAW | 3 | 5 | 673ZZ (6), 683ZZ (7) | 8 | 11 | 10 | M3x3 | 7 | - | - | - | - | | | | | |
| | | 6 | 693ZZ (8), 603ZZ (9), 623ZZ (10) | | | | | | - | - | - | | | | | | |
| | | *7 | 674ZZ (7), 684ZZ (9) | | | | | | - | - | - | | | | | | |
| | 4 | *7 | 694ZZ (11), 604ZZ (12), 624ZZ (13) | | | | | | 10 | 12.5 | 12 | M4x3 | 8.5 | - | - | - | - |
| | | *8 | 675ZZ (8) | | | | | | | | | | | - | - | - | |
| | | *9 | 685ZZ (11), 695ZZ (13), 605ZZ (14), 625ZZ (16) | | | | | | | | | | | - | - | - | |
| | 5 | *8 | 676ZZ (10), 686ZZ (13) | | | | | | 12 | 15 | 14 | M5x4 | 10 | - | - | - | - |
| | | *9 | 696ZZ (15), 606ZZ (17), 626ZZ (19) | | | | | | | | | | | - | - | - | |
| | | *11 | 688ZZ (16) | | | | | | | | | | | - | - | - | |
| | 6 | *12 | 698ZZ (19), 608ZZ (22), 628ZZ (24) | | | | | | 15 | 18 | 16 | M6x5 | 12 | - | - | - | - |
| | | *13 | 6800ZZ (19) | | | | | | | | | | | - | - | - | |
| | | *14 | 6900ZZ (22), 6000ZZ (26) | | | | | | | | | | | - | - | - | |
| 8 | *16 | 6200ZZ (30), 6300ZZ (35) | 17 | 20 | 18 | M8x6 | 13 | - | - | - | - | | | | | | |
| | *15 | 6801ZZ (21) | | | | | | - | - | - | | | | | | | |
| | *16 | 6901ZZ (24), 6001ZZ (28) | | | | | | - | - | - | | | | | | | |
| 10 | *18 | 6201ZZ (32), 6301ZZ (37) | 18 | 22 | 19 | M10x8 | 15 | - | - | - | - | | | | | | |
| | *17 | 6802ZZ (24), 6902ZZ (28) | | | | | | - | - | - | | | | | | | |
| | *18 | 6002ZZ (32) | | | | | | - | - | - | | | | | | | |
| (Long Shoulder) SCSBS PSCSBS SSCSBS SCSSAW | 15 | *19 | 6202ZZ (35), 6302ZZ (42) | 15.5 | 25 | M5x4 | 8.5 | - | - | - | - | | | | | | |
| | | *20 | 6803ZZ (26) | | | | | - | - | - | | | | | | | |
| | | *21 | 6903ZZ (30), 6003ZZ (35) | | | | | - | - | - | | | | | | | |
| (17) | *23 | 6203ZZ (40), 6303ZZ (47) | 19 | 27 | 22 | M6x5 | 10 | - | - | - | - | | | | | | |
| | *22 | 6704ZZ (27), 6804ZZ (32) | | | | | | - | - | - | | | | | | | |
| | *23 | 6904ZZ (37) | | | | | | - | - | - | | | | | | | |
| 20 | *24 | 6004ZZ (42), 6204ZZ (47) | 20 | 32 | 25 | M5x4 | 8.5 | - | - | - | - | | | | | | |
| | *27 | 6805ZZ (37) | | | | | | - | - | - | | | | | | | |
| | *28 | 6905ZZ (42) | | | | | | - | - | - | | | | | | | |
| 25 | *29 | 6005ZZ (47) | 21 | 42 | 27 | M6x5 | 10 | - | - | - | - | | | | | | |
| | *31 | 6205ZZ (52) | | | | | | - | - | - | | | | | | | |
| | *32 | 6806ZZ (42) | | | | | | - | - | - | | | | | | | |
| 30 | *33 | 6906ZZ (47) | 21 | 45 | 32 | M8x6 | 13 | - | - | - | - | | | | | | |
| | *35 | 6006ZZ (55), 6206ZZ (62), 6306ZZ (72) | | | | | | - | - | - | | | | | | | |
| | *38 | 6807ZZ (47) | | | | | | - | - | - | | | | | | | |
| (35) | *41 | 6907ZZ (55) | 21 | 50 | 32 | M8x6 | 13 | - | - | - | - | | | | | | |
| | *43 | 6007ZZ (62), 6207ZZ (72) | | | | | | - | - | - | | | | | | | |
| | *43 | 6808ZZ (52) | | | | | | - | - | - | | | | | | | |
| (40) | *45 | 6908ZZ (62) | 21 | 60 | 32 | M10x8 | 15 | - | - | - | - | | | | | | |
| | *48 | 6008ZZ (68), 6208ZZ (80) | | | | | | - | - | - | | | | | | | |
| | *48 | 6808ZZ (52) | | | | | | - | - | - | | | | | | | |

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

Ordering Example: Part Number - Ds
SCSBS12 - 18

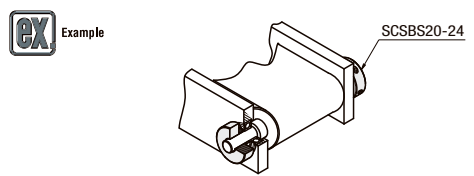
Alterations: Part Number - Ds - (YC)
SCSBS20 - 23 - YC

Thread Locking Set Screw

Alteration: Thread Locking Compound

Code: **YC**

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 SCBRJ SCBSJ | S45C | Black Oxide Coating | Set Screw 2 pcs. SCM435 Equivalent |
| Long Shoulder PSCBRJ PSCBSJ | Equivalent | Electroless Nickel Plating | |
| SSCBRJ SSCBSJ | SUS304 | - | MUSUS304 Equivalent |

25 / (6.3 /)

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

Short Shoulder

Long Shoulder

RoHS Ⓜ 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) SCBRJ PSCBRJ SSCBRJ | 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 | *12 | 688ZZ (16), 698ZZ (19), 608ZZ (22), 628ZZ (24) | | | | | | 10 | 17 | 14 | M4x3 | 6 | - | - | - |
| | | *13 | 6800ZZ (19) | | | | | | | | | | | - | - | - |
| | | *14 | 6900ZZ (22), 6000ZZ (26) | | | | | | | | | | | - | - | - |
| | 6 | *16 | 6200ZZ (30), 6300ZZ (35) | | | | | | 12 | 19 | 16 | M5x4 | 7 | - | - | - |
| | | *15 | 6801ZZ (21) | | | | | | | | | | | - | - | - |
| | | *16 | 6901ZZ (24), 6001ZZ (28) | | | | | | | | | | | - | - | - |
| | 8 | *18 | 6201ZZ (32), 6301ZZ (37) | | | | | | 15 | 22 | 18 | M6x5 | 10 | - | - | - |
| | | *17 | 6802ZZ (24), 6902ZZ (28) | | | | | | | | | | | - | - | - |
| | | *18 | 6002ZZ (32) | | | | | | | | | | | - | - | - |
| (Long Shoulder) SCBSJ PSCBSJ SSCBSJ | 10 | *21 | 6202ZZ (35), 6302ZZ (42) | 16 | 25 | M5x4 | 8.5 | - | - | - | | | | | | |
| | | *20 | 6803ZZ (26) | | | | | - | - | - | | | | | | |
| | | *21 | 6903ZZ (30), 6003ZZ (35) | | | | | - | - | - | | | | | | |
| (17) | *23 | 6203ZZ (40), 6303ZZ (47) | 17 | 24 | 22 | M6x5 | 10 | - | - | - | | | | | | |
| | *22 | 6704ZZ (27), 6804ZZ (32) | | | | | | - | - | - | | | | | | |
| | *23 | 6904ZZ (37) | | | | | | - | - | - | | | | | | |
| 20 | *24 | 6004ZZ (42), 6204ZZ (47) | 18 | 29 | 25 | M5x4 | 7 | - | - | - | | | | | | |
| | *27 | 6805ZZ (37) | | | | | | - | - | - | | | | | | |
| | *28 | 6905ZZ (42) | | | | | | - | - | - | | | | | | |
| 25 | *29 | 6005ZZ (47) | 18 | 34 | 27 | M6x5 | 10 | - | - | - | | | | | | |
| | *31 | 6205ZZ (52) | | | | | | - | - | - | | | | | | |
| | *32 | 6806ZZ (42) | | | | | | - | - | - | | | | | | |
| 30 | *33 | 6906ZZ (47) | 19 | 41 | 32 | M8x6 | 13 | - | - | - | | | | | | |
| | *35 | 6006ZZ (55), 6206ZZ (62), 6306ZZ (72) | | | | | | - | - | - | | | | | | |
| | *38 | 6807ZZ (47) | | | | | | - | - | - | | | | | | |
| (35) | *41 | 6907ZZ (55) | 19 | 46 | 32 | M8x6 | 13 | - | - | - | | | | | | |
| | *43 | 6007ZZ (62), 6207ZZ (72) | | | | | | - | - | - | | | | | | |
| | *43 | 6808ZZ (52) | | | | | | - | - | - | | | | | | |
| (40) | *45 | 6908ZZ (62) | 20 | 53 | 32 | M10x8 | 15 | - | - | - | | | | | | |
| | *48 | 6008ZZ (68), 6208ZZ (80) | | | | | | - | - | - | | | | | | |
| | *48 | 6808ZZ (52) | | | | | | - | - | - | | | | | | |

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

Ordering Example: Part Number - Ds
SCBRJ10 - 13

Example

