

# Shaft Collars

## Slit / 2-Hole / 2-Tapped (Coarse) Type

Shaft Collars – Slit / 2-Hole Type / 2-Tapped (Coarse) Type

RoHS 10

Type		Material	Surface Treatment	Accessories
2-Hole	2-Tapped			
SCSM	SCSW	1045 Carbon Steel or Equivalent	Black Oxide Coating	Hex Socket Head Cap Screw 1 pc. (4137 Alloy Steel or Equivalent)
PSCSM	PSCSW	304 Stainless Steel or Equivalent	Electroless Nickel Plating	Hex Socket Head Cap Screw 1 pc. (304 Stainless Steel or Equivalent)
SSCSM	SSCSW		—	—

Technical drawings showing 2-Hole Type and 2-Tapped (Coarse) Type with dimensions: P, B/2, 2-C, 2-S, 2-M, M, W, d, X, Y, Z, S, P, M<sub>1</sub> (Coarse), D, D<sub>1</sub>, R, A, B, 2xR, 6.3, 0.02, 0.01, 0.05, 0.1, 0.5, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50.

\*D6-D25: C0.5  
D30-D50: C1

25/(6.3/)

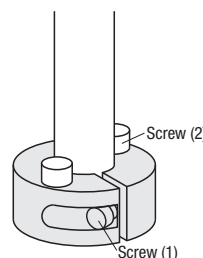
Part Number	Type	D	B	D <sub>1</sub>	M (Coarse)	d	R	W	X	Y	Z	S	P	M <sub>1</sub> (Coarse)	Available Types					
															SCSM	PSCSM	SSCSM	SCSW	PSCSW	SSCSW
6		8	20	M3	3.4	3	1	6	4	6-6.5	3.5	12	M3	•	•	•	•	•	•	
8		10	25	M3	3.4	3	1.5	8	5	7-9	4.5	14	M3	•	•	•	•	•	•	
		12	M4	4.5	3.75	18								M4	•	•	•	•	•	•
10		12	30	M5	5.5	4.5	1.5	9	5	8-10	5.5	20	M5	•	•	•	•	•	•	
		*15	M6	6.6	6	24								—	•	•	•	•	•	•
12		8	35	M3	3.4	3	1.5	10	5	9-10	5.5	22	M5	•	•	•	•	•	•	
		10	M4	4.5	3.75	24								M6	•	•	•	•	•	•
13		12	30	M4	4.5	3.75	1.5	10	5	10	4.5	22	M4	•	•	•	•	•	•	
		15	M5	5.5	4.5	23								M5	•	•	•	•	•	•
15		10	35	M5	5.5	4.5	1.5	11	6	10-12	5.5	24	M5	•	•	•	•	•	•	
		12	M6	6.6	6	24								—	•	•	•	•	•	•
16		12	30	M4	4.5	3.75	1.5	11	5	10-12	5.5	24	M4	•	•	•	•	•	•	
		15	M5	5.5	4.5	24								M5	•	•	•	•	•	•
18 20		10	40	M5	5.5	4.5	1.5	12	6	11-12	5.5	26	M5	•	•	•	•	•	•	
		12	M6	6.6	6	28								M6	•	•	•	•	•	•
25		12	45	M5	5.5	4.5	1.5	13	8	11-13	6.6	28	M6	•	•	•	•	•	•	
		15	M6	6.6	6	30								M5	•	•	•	•	•	•
30		12	50	M5	5.5	4.5	1.5	14	7	13	5.5	30	M5	•	•	•	•	•	•	
		15	M6	6.6	6	34								—	•	•	•	•	•	•
35		12	55	M6	6.6	6	1.5	15	8	13-15	6.6	34	—	•	•	•	•	•	•	
		15	M5	5.5	4.5	36								M5	•	•	•	•	•	•
40		12	60	M6	6.6	6	1.5	16	7	16	5.5	36	M5	•	•	•	•	•	•	
		15	M5	5.5	4.5	38								M6	•	•	•	•	•	•
50		12	70	M8	9	7	1.5	17	7	16-18	6.6	40	—	•	•	•	•	•	•	
		15	M6	6.6	6	44								M6	•	•	•	•	•	•
		18	85	M10	11	9	1.5	18	10	18-20	9	45	—	•	•	•	•	•	•	
		22	M8	9	7	23								—	•	•	•	•	•	•
		30	M6	6.6	6	2	1.5	19	12	21	6.6	48	—	•	•	•	•	•	•	
		30	M8	9	7	26								—	•	•	•	•	•	•
		30	M10	11	9	3	1.5	20	13	23	9	56	—	•	•	•	•	•	•	
		30	M8	9	7	26								—	•	•	•	•	•	•
		30	M10	11	9	3	1.5	21	16	28	11	68	—	•	•	•	•	•	•	
		30	M10	11	9	3								—	•	•	•	•	•	•

① \* marked sizes are not available for 2-Tapped Type.  
 ② D18 is available for 2-Tapped Type only.

Part Number Example: **SCSM10 - 10**

Application Example

- ① Tips on Assembly: When using collars as shown in the diagram on the right, clamping the shaft with the screw (1) after the collar is fully tightened to the plate with the screws (2) is not possible.
- ② The type shown on P.338 that can be fully mounted first with the screws (2) is recommended.



# Shaft Collars

## Slit / 3-Hole / 3-Tapped (Coarse) Type

Shaft Collars – Slit / 3-Hole Type / 3-Tapped (Coarse) Type

RoHS 10

Type		Material	Surface Treatment	Accessories
3-Hole	3-Tapped			
SCST	SCSTR	1045 Carbon Steel or Equivalent	Black Oxide Coating	Hex Socket Head Cap Screw 1 pc. (4137 Alloy Steel or Equivalent)
PSCST	PSCSTR	304 Stainless Steel or Equivalent	Electroless Nickel Plating	Hex Socket Head Cap Screw 1 pc. (304 Stainless Steel or Equivalent)
SSCST	SSCSTR		—	—

Technical drawings showing 3-Hole Type and 3-Tapped (Coarse) Type with dimensions: P, B/2, 2-C, 3-S, 3-M, M, W, d, X, Y, Z, S, P, M<sub>1</sub> (Coarse), D, D<sub>1</sub>, R, A, B, 2xR, 6.3, 0.02, 0.01, 0.05, 0.1, 0.5, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50.

\*D6-D25: C0.5  
D30-D50: C1

25/(6.3/)

Part Number	Type	D	B	D <sub>1</sub>	M (Coarse)	d	R	W	X	Y	Z	S	P	M <sub>1</sub> (Coarse)	Available Types					
															SCST	PSCST	SSCST	SCSTR	PSCSTR	SSCSTR
6		8	20	M3	3.4	3	1	6	4	6-6.5	3.5	12	M3	•	•	•	•	•	•	
8		10	25	M3	3.4	3	1.5	8	5	7-9	4.5	14	M3	•	•	•	•	•	•	
		12	M4	4.5	3.75	18								M4	•	•	•	•	•	•
10		12	30	M5	5.5	4.5	1.5	9	5	8-10	5.5	20	M5	•	•	•	•	•	•	
		*15	M6	6.6	6	24								—	•	•	•	•	•	•
12		8	35	M3	3.4	3	1.5	10	5	9-10	5.5	22	M5	•	•	•	•	•	•	
		10	M4	4.5	3.75	24								M6	•	•	•	•	•	•
13		12	30	M4	4.5	3.75	1.5	10	5	10	4.5	22	M4	•	•	•	•	•	•	
		15	M5	5.5	4.5	23								M5	•	•	•	•	•	•
15		10	35	M5	5.5	4.5	1.5	11	6	10-12	5.5	24	M5	•	•	•	•	•	•	
		12	M6	6.6	6	24								—	•	•	•	•	•	•
16		12	30	M4	4.5	3.75	1.5	11	5	10-12	5.5	24	M4	•	•	•	•	•	•	
		15	M5	5.5	4.5	24								M5	•	•	•	•	•	•
18 20		10	40	M5	5.5	4.5	1.5	12	6	11-12	5.5	26	M5	•	•	•	•	•	•	
		12	M6	6.6	6	28								M6	•	•	•	•	•	•
25		12	45	M5	5.5	4.5	1.5	13	8	11-13	6.6	28	M6	•	•	•	•	•	•	
		15	M6	6.6	6	30								M5	•	•	•	•	•	•
30		12	50	M5	5.5	4.5	1.5	14	7	13	5.5	30	M5	•	•	•	•	•	•	
		15	M6	6.6	6	34								—	•	•	•	•	•	•
35		12	55	M6	6.6	6	1.5	15	8	13-15	6.6	34	—	•	•	•	•	•	•	
		15	M5	5.5	4.5	36								M5	•	•	•	•	•	•
40		12	60	M6	6.6	6	1.5	16	7	16	5.5	36	M5	•	•	•	•	•	•	
		15	M5	5.5	4.5	38								M6	•	•	•	•	•	•
50		12	70	M8	9	7	1.5	17	7	16-18	6.6	40	—	•	•	•	•	•	•	
		15	M6	6.6	6	44								M6	•	•	•	•	•	•
		18	85	M10	11	9	1.5	18	10	18-20	9	45	—	•	•	•	•	•	•	
		22	M8	9	7	23								—	•	•	•	•	•	•
		30	M6	6.6	6	2	1.5	19	12	21	6.6	48	—	•	•	•	•	•	•	
		30	M8	9	7	26								—	•	•	•	•	•	•
		30	M10	11	9	3	1.5	20	13	23	9	56	—	•	•	•	•	•	•	
		30	M10	11	9	3								—	•	•	•	•	•	•

① \* marked sizes are not available for 3-Tapped Type.  
 ② Due to no additional slitting on the opposite side of the screw, 3-Hole / 3-Tapped type has less gripping power compared to 2-Hole / 2-Tapped Type.  
 ③ 2-Hole / 2-Tapped Type are recommended where more shaft gripping power is required.

Part Number Example: **SCST10 - 10**