

Shaft Collar Clamp

Standard

■Features: Less shaft damage from tightening than Set Screw Type P.267.

Standard



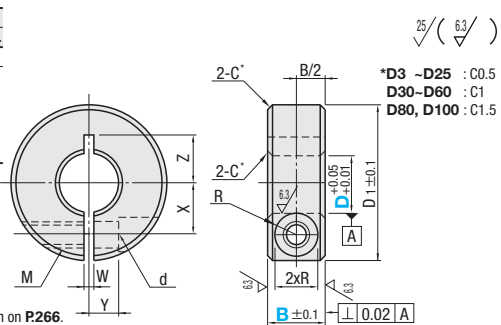
RoHS10

Type	Material	Surface Treatment	Accessory
SCS	EN 1.1191 Equiv.	Black Oxide Coating	Hex Socket Head Cap Screw 1 pc.
PSCS	EN 1.1191 Equiv.	Electroless Nickel Plating	MEN 1.7220 Equiv.
SSCS	EN 1.4301 Equiv.	-	MEN 1.4301 Equiv.
SCSA	Aluminum Alloy 2000 series	Clear Anodize	-
SCSAW	Aluminum Alloy 2000 series	Clear Anodize	-
SCSAB	Aluminum Alloy 2000 series	Black Anodize	-

EN AW-2017 Equiv. Threaded Insert Type P.236

For Mount Hole Type, see P.291.

Maximum thrust loads obtained by tightening test are shown on P.266.



Part Number Type	D	B Selection	D1	M (Coarse)	d	R	W	X	Y	Z	Unit Price		
											SCS	PSCS	SSCS
(Standard) SCS PSCS SSCS	3	8	16	M3	3.4	3	1	4.5	2.2	3~5			
	4	8	18					5	3	3.5~6			
	5	8	20					5.5		5~6.5			
	6	8	22	M4	4.5	3.75	1	6.5	4	6~7			
	8	10	20					6		6~6.5			
	10	10	20										
	8	8	25	M3	3.4	3	1.5	8		7~9			
	10	10	25					9	5	7~10			
	12	10	25							8~10			
	12	12	30	M4	4.5	3.75	1.5	9					
	15	10	30					10	6	8~12			
	15	12	30							9~10			
	12	8	30	M3	3.4	3	1.5	11	6	9~12			
	12	10	30					10	5	10~12			
	15	12	30							10~11			
	13	10	34	M4	4.5	3.75	1.5	11.5	6	11~13			
	15	12	34					12	8	11~12			
	15	15	34					13	8	11~13			
	16	10	35	M5	5.5	4.5	1.5	14	7	13~15			
	18, 20	12	35					15	8	16~18			
	20	15	35					16	8	16~20			
	25	12	40	M6	6.6	6	1.5	17	7	18~20			
	30	15	40					18	7	18~21			
	35	15	40					20	10	21~23			
	40	18	45	M8	9	7	2	23	12	23~26			
	50	22	50					26	13	26~28			
	60	22	60					32	16	28~32			
	80	32	80	M10	11	9	3	37	18	-	-	-	-
	100	36	100					50	22	-	-	-	-
	100	36	100					60	26	-	-	-	-

*1. B Dimension 20 is available for SCS only. (Not available when D18 is selected.) *2. D Dimension 60, 80 and 100 are available for SCS only. No Clamp machining on Z section.

Part Number Type	D	B Selection	D1	M (Coarse)	d	R	W	X	Y	Z	Unit Price		
											SCSA	SCSAW	SCSAB
(Standard) SCSA SCSAW SCSAB	3	8	16	M3	3.4	3	1	4.5	2.2	3			
	4	8	18					5	3	3.5			
	5	8	20					5.5	4	5			
	6	8	22	M4	4.5	3.75	1.5	6		6			
	8	10	20					7		7			
	10	10	20					9	5	8			
	12	10	25	M5	5.5	4.5	1.5	10		9			
	13	10	25					11.5		10			
	15	10	25					12	6	11			
	16	10	30	M6	6.6	6	1.5	14		13			
	20	12	30					17		16			
	25	15	30					20	10	18			
	30	15	34	M8	9	7	2	23		21			
	35	15	34					26	13	23			
	40	18	35					32	16	28			
	50	22	40	M10	11	9	3	37		-			
	60	22	40					50		-			
	80	32	40					60		-			
	100	36	50	M16	18	13	5			-			
	100	36	50							-			
	100	36	50							-			

Ordering Example
Part Number - B
SCS10 - 10

Shaft Collar Clamp

Compact

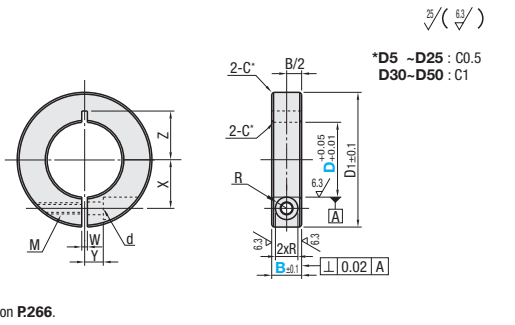
■Features: Smaller by up to 33% in width (B dimension) and 16% in O.D. (D1 dimension) than Standard Type P.269.

Compact



RoHS10

Type	Material	Surface Treatment	Accessory
SCSJ	EN 1.1191 Equiv.	Black Oxide Coating	Hex Socket Head Cap Screw 1 pc.
PSCSJ	EN 1.1191 Equiv.	Electroless Nickel Plating	MEN 1.7220 Equiv.
SSCSJ	EN 1.4301 Equiv.	-	MEN 1.4301 Equiv.

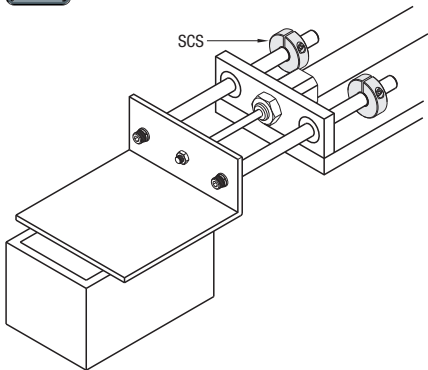


Maximum thrust loads obtained by tightening test are shown on P.266.

Part Number Type	D	B Selection	D1	M (Coarse)	d	R	W	X	Y	Z	Unit Price		
											SCSJ	PSCSJ	SSCSJ
(Compact) SCSJ PSCSJ SSCSJ	5	6	16	M2.6	2.9	2.45	1	5.5		6			
	6	6	18					6		6.5			
	8	6	22					7					
	10	6	25	M3	3.4	3	1.5	8		9			
	12	6	28					9					
	13	6	30					11		11			
	15	6	35	M4	4.5	3.75	1.5	11.5		13			
	16	6	42					13		16.5			
	20	6	50					16.5	5	20			
	25	6	55	M5	5.5	4.5	2	20		21			
	30	6	60					22.5	6	23			
	35	6	60					25		23			
	40	6	80	M8	9	7	3	32		28			
	50	6	80					32	15	28			
	50	6	80					32	15	28			

Ordering Example
Part Number - B
PSCSJ5 - 6

Example



Size Comparison Table

D	Size Differences		Compact		Standard (P.269)	
	B (Thickness)	D1 (O.D.)	B (Thickness)	D1 (O.D.)	B (Thickness)	D1 (O.D.)
5	-2	-4	6	16	8	20
6	-2	-2	6	18	8	20
8	-2	-3	6	22	8	25
10	-2	-5	6	25	8	30
12	-2	-5	6	25	8	30
13	-2	-2	8	28	10	30
15	-2	-4	8	30	10	34
16	-2	-5	8	30	10	35
20	-2	-5	8	35	10	40
25	-2	-3	10	42	12	45
30	-3	-5	12	50	15	55
35	-3	-5	12	55	15	60
40	-6	-10	12	60	18	70
50	-4	-5	18	80	22	85