

# Shaft Collar Split Standard

■ Features: Post assembly collar installation makes maintenance easier compared to Set Screw Type (P267) and Clamp Type (P269).

**Standard**

RoHS

Type	Material	Surface Treatment	Accessory
SCSP	S45C	Black Oxide Coating	Hex Socket Head Cap Screw 2 pcs.
PSCSP	Equivalent	Electroless Nickel Plating	MSCM435 Equivalent
SSCSP	SUS304 Equivalent	-	MUS304 Equivalent
SCNPA	2000series	-	-
SCNPAW	Aluminum Alloy	Clear Anodize	-

⚠ Threaded Insert Type of A2017 (P274)  
⚠ The halves must remain in the same orientation as shipped when in use.

\*D3 -D25: C0.5  
D30-D60: C1  
D80, D100: C1.5

Part Number Type	D	B Selection	D1	M (Coarse)	d	R	W	X	Y	Unit Price				
										SCSP	PSCSP	SSCSP	SCNPA	SCNPAW
3	*8	16						4.5	2.2					
4	*8	18		M3	3.4	3		5	3					
5	*8	20						5.5						
6	*8	22		M4	4.5	3.75	1	6.5	4					
8	*8	20		M3	3.4	3		6						
8	*10	25		M4	4.5	3.75		8	(7)					
8	*10	25		M3	3.4	3		8						
8	*10	25		M4	4.5	3.75		8						
8	*12			M5	5.5	4.5		8						
8	*15			M6	6.6	6		8						
10	*8	30		M3	3.4	3		9	5					
10	*10	30		M4	4.5	3.75		9						
10	*12			M5	5.5	4.5		9						
10	*15			M6	6.6	6		9						
12	*8	35		M3	3.4	3		10	6					
12	*10	30		M4	4.5	3.75		10	5					
12	*12			M5	5.5	4.5		10						
12	*15			M6	6.6	6		10						
13	*10	30		M4	4.5	3.75		11	6					
13	*12	34		M5	5.5	4.5		10	5					
13	*15	35		M6	6.6	6		11						
15	*10	34		M4	4.5	3.75	1.5	11.5	6					
15	*12	35		M5	5.5	4.5		12						
15	*15	40		M6	6.6	6		13	8					
16	*10	35		M5	5.5	4.5		12	6					
16	*12			M6	6.6	6		13	8					
18	*10	40		M5	5.5	4.5		14	7					
18	*12			M6	6.6	6		15	8					
20	*10	40		M5	5.5	4.5		14	7					
20	*12			M6	6.6	6		15	8					
20	*15			M5	5.5	4.5		17	7					
25	*15	50		M6	6.6	6		18						
25	*20	55		M6	6.6	6		20	10					
30	*15	60		M8	9	7		23						
35	*15	60		M6	6.6	6	2	23	12					
40	*18	70		M8	9	7		26	13					
50	*22	85		M10	11	9	3	32	16					
60	*22	95						37	18					
80	*32	130						50	22					
100	*36	150		M16	18	13	5	60	26					

⚠ X=7 only when SCNPA or SCNPAW is selected.

Ordering Example

Part Number	-	B
SCSP10	-	15
SCNPA15	-	10

Size Comparison Table

D	Size Differences		Compact (P272)		Standard	
	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

# Shaft Collar Split Compact / Balanced

■ Features: Smaller by up to 33% in width (B dimension) and 14% in O.D. (D1 dimension) than Standard Type (P271)

**Compact**

RoHS

Type	Material	Surface Treatment	Accessory
SCSPJ	S45C	Black Oxide Coating	Hex Socket Head Cap Screw 2 pcs.
PSCSPJ	Equivalent	Electroless Nickel Plating	MSCM435 Equivalent
SSCSPJ	SUS304	-	MUS304 Equivalent

⚠ The halves must remain in the same orientation as shipped when in use.

\*D5 -D25: C0.5  
D30-D50: C1

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

■ Features: Suitable for rotating applications since the collars are weight balanced. Included hex socket head cap screws are coated with thread locking compound.

**Balanced Type**

RoHS

Type	Material	Surface Treatment	Accessory
SCSPB	S45C	Black Oxide Coating	Hex Socket Head Cap Screw 2 pcs.
PSCSPB	Equivalent	Electroless Nickel Plating	MSCM435 Equivalent
SSCSPB	SUS304	-	MUS304 Equivalent

\*D16-D25: C0.5  
D30-D50: C1

Part Number Type	D	B	D1	M (Coarse)	d	R	W	X	Y	Unit Price										
										SCSPB	PSCSPB	SSCSPB								
(Balanced) SCSPB PSCSPB SSCSPB	16	10	35	M5	5.5	4.5	1.5	12	6											
	17	10	40					14	7											
	12	10																		
	10	10																		
	20	12	45					M6	6.6	6	1.5	15	8							
	15	12		17	7															
	25	15		50	M6	6.6	6					18								
	15	15										20	10							
	30	20										55	M8	9	7	2	23	12		
	35	15	60	M6	6.6	6	26	13												
	40	18					70	M8	9	7	26						13			
	40	18									85						M10	11	9	3
	50	22																		

Comparison Table of Weight Differences

Part Number Type	D	B	Body Weight (g)			Weight with Screws (g)		
			Top Half	Bottom Half	Weight Difference	Top Half	Bottom Half	Weight Difference
SCSP (Standard)	25	12	45	40	5	48	45	3
PSCSP (Balanced)	40	18	141	163	22	162	173	11
SSCSP (Balanced)	25	12	43	43	0	47	47	0
	40	18	152	152	0	167	167	0

Ordering Example

Part Number	-	B
SCSPJ10	-	6
SCSPB17	-	12

■ Thread Locking Treatment for Balanced Type  
 · Threads are coated with special plastic with excellent 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.

