

Shaft Collar Split Standard

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

Standard

RoHS10

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	20		M3	3.4	3		6.5	4					
8	*10	25		M4	4.5	3.75		8	(7)⚠					
10	*10	30		M4	4.5	3.75		9	5					
12	*12	35		M5	5.5	4.5		10	6					
13	*10	30		M3	3.4	3		11	6					
15	*12	35		M4	4.5	3.75		11	5					
16	*10	35		M5	5.5	4.5		11.5	6					
18	*12	40		M6	6.6	6		12	6					
20	*15	40		M5	5.5	4.5		12	6					
25	*12	40		M6	6.6	6		13	8					
30	*15	45		M5	5.5	4.5		13	8					
35	*10	40		M6	6.6	6		14	7					
40	*12	45		M5	5.5	4.5		14	7					
50	*15	50		M6	6.6	6		15	8					
60	*22	60		M8	9	7		15	8					
80	*32	80		M10	11	9		17	8					
100	*36	100		M16	18	13		20	10					

⚠ 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

RoHS10

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					25				
	50	18	80					32	15			

■ 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

RoHS10

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									
	17	10	40									
	20	12	40									
	20	12	40									
	25	15	45	M6	6.6	6	1.5	14	7			
	25	15	45					15	8			
	30	20	55					17	7			
	35	15	60					18				
	40	18	70					20	10			
	50	22	85	M8	9	7	2	23	12			
	50	22	85					26	13			
	50	22	85					26	13			
	50	22	85					26	13			
	50	22	85					32	16			

Comparison Table of Weight Differences

Part Number Type	D	B	Body Weight (g)		Weight with Screws (g)			
			Top Half	Bottom Half	Top Half	Bottom Half		
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
SCSPB (Balanced)	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.

