

Shaft Collars

For Bearing Fixing (Space-Saving Design) / Compact with Slit

Features: Smaller by up to 32% in width (B dim.) and 14% in O.D. (D₁ dim.) than the Slit Type (P.332).

Shaft Collars – For Bearing Fixing / Compact with Slit

RoHS 10

Type		Material	Surface Treatment	Accessories
Short Shoulder	Long Shoulder			
SCBNJ	SCLSJ	1045 Carbon Steel or Equivalent	Black Oxide Coating	Hex Socket Head Cap Screw 1 pc. (4137 Alloy Steel or Equivalent)
PSCBNJ	PSCLSJ		Electroless Nickel Plating	
SSCBNJ	SSCLSJ	304 Stainless Steel or Equivalent	—	Hex Socket Head Cap Screw 1 pc. (304 Stainless Steel or Equivalent)

Short Shoulder

Long Shoulder

*D8–D25: C0.5
D30–D40: C1

25/(6.3)

Part Number	Ds	B (Short Shoulder)	B ₁ (Long Shoulder)	D ₁	M (Coarse)	b	d	R	W	X	Y	Z	1045 Carbon Steel or Equivalent				304 Stainless Steel or Equivalent				
													Applicable Bearing (O.D.)	Black Oxide Coating	Electroless Nickel Plating	—	SSCBNJ	SSCLSJ			
Type	D												SCBNJ	SCLSJ	PSCBNJ	PSCLSJ	SSCBNJ	SSCLSJ			
Short Shoulder Type SCBNJ PSCBNJ SSCBNJ	8	11	9.5	22	M3	8	3.5	3	1.5	7	7	7	678ZZ (12), 688ZZ (16)	•	•	•	•	•	—		
	12	10											698ZZ (19), 608ZZ (22), 628ZZ (24)	•	•	•	•	•	•	•	•
	13	10											6800ZZ (19)	•	•	•	•	•	•	•	•
	14												6900ZZ (22), 6000ZZ (26)	•	•	•	•	•	•	•	•
	16	12											6200ZZ (30), 6300ZZ (35)	•	•	•	•	•	•	•	•
	15												6801ZZ (21)	•	•	•	•	•	•	•	•
	18												6901ZZ (24), 6001ZZ (28)	•	•	•	•	•	•	•	•
	18	15											6201ZZ (32), 6301ZZ (37)	•	•	•	•	•	•	•	•
	19												6802ZZ (24), 6902ZZ (28)	•	•	•	•	•	•	•	•
	21												6002ZZ (32)	•	•	•	•	•	•	•	•
	21	17											6202ZZ (35), 6302ZZ (42)	•	•	•	•	•	•	•	•
	23												6903ZZ (30), 6003ZZ (35)	•	•	•	•	•	•	•	•
23	6203ZZ (40), 6303ZZ (47)		•	•	•	•	•	•	•	•											
23	20	6704ZZ (27), 6804ZZ (32)	•	•	•	•	•	•	•	•											
24		6904ZZ (37)	•	•	•	•	•	•	•	•											
27		6004ZZ (42), 6204ZZ (47)	•	•	•	•	•	•	•	•											
28	25	6805ZZ (37)	•	•	•	•	•	•	•	•											
29		6905ZZ (42)	•	•	•	•	•	•	•	•											
31		6005ZZ (47)	•	•	•	•	•	•	•	•											
32		6205ZZ (52)	•	•	•	•	•	•	•	•											
35	30	6906ZZ (47)	•	•	•	•	•	•	•	•											
38		6006ZZ (55), 6206ZZ (62), 6306ZZ (72)	•	•	•	•	•	•	•	•											
41		6907ZZ (55)	•	•	•	•	•	•	•	•											
43	35	6007ZZ (62), 6207ZZ (72)	•	•	•	•	•	•	•	•											
45		6908ZZ (62)	•	•	•	•	•	•	•	•											
48		6008ZZ (68), 6208ZZ (80)	•	•	•	•	•	•	•	•											

Part Number Example: SCBNJ10 - 14

Shaft Collars

With Thread Insert (Lightweight) / Resin / Aluminum Type

Features: Aluminum or plastic collars are lighter than those of steel or stainless steel. Collars with threaded inserts have improved screw thread strength.

Shaft Collars – With Thread Insert (Lightweight) / Resin Type

RoHS 10

Type	Material	Color	Operating Ambient Temp.	Accessories	Thread Inserts Material
Clamp	—	—	—	—	—
Split	—	—	—	—	—
SCSPH	SCSPP	Polyacetal	White	-45°C–95°C	Hex Socket Head Cap Screw 1 pc. (304 Stainless Steel or Equivalent)
SCSMH	SCSPM	MC Nylon	Ivory	-40°C–120°C	
SCSPO	—	Polyacetal	White	-45°C–95°C	304 Stainless Steel or Equivalent
—	—	—	—	—	Not Provided

Clamp

Split

*D8–D25: C0.5
D30: C1

25/(6.3)

Part Number	Type	D	B	D ₁	M (Coarse)	d	R	W	X	Y
Clamp	10	10	30	M4	4.5	3.75	9	5		
SCSPH	12	12	35	M5	5.5	4.5	10	6		
SCSMH	15	15	50	M6	6.6	6	12	6		
Threaded Inserts	16	16	55	—	—	—	15	8		
Split	20	20	—	—	—	—	18	10		
SCSPP	25	25	—	—	—	—	20	—		
SCSPM	30	30	—	—	—	—	20	10		

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

Part Number	Type	D	B	D ₁	d	M (Coarse)	R	W	X	Y
SCSPO	12	13	15	30	5.5	M5	4.5	1.5	10	6
—	15	16	20	40	—	—	5	—	13	8
—	25	25	30	49	—	—	—	—	16	—
—	30	30	60	54	—	—	—	—	20	6
—	—	—	—	60	—	—	—	—	21.5	8

Shaft Collars – With Thread Insert (Lightweight) / Aluminum Type

RoHS 10

Type	Material	Surface Treatment	Accessories	Thread Inserts Material
Slit Type	2000 Series Aluminum Alloy	—	Hex Socket Head Cap Screw (304 Stainless Steel or Equivalent)	304 Stainless Steel or Equivalent
Split Type	—	—	Clamp Type: 1 Pc. Split Type: 2 Pcs.	—

Clamp

Split

*D8–D25: C0.5
D30: C1

25/(6.3)

Part Number	Type	D	B	D ₁	M (Coarse)	d	R	W	X	Y	Z
Clamp	10	10	30	M4	4.2	3.75	1.5	9	5		
SCSAH	12	12	34	—	—	—	—	10	8		
Threaded Inserts	15	15	35	—	—	—	—	11.5	10		
Split	16	16	40	M5	5.3	4.5	1.5	12	6		
SCNPAH	20	20	45	—	—	—	—	14	7		
—	25	25	55	M6	6.3	6	1.5	17	11		
—	30	30	—	—	—	—	—	20	13		
—	—	—	—	—	—	—	—	—	16		
—	—	—	—	—	—	—	—	—	20	18	

(d) bore surface will have threads from installing the inserts.

Part Number Example: SCSPH12 - 10