

Shaft Collar Threaded Bore

Set Screw / Clamp

Shaft Collar Key Relief Groove

Set Screw / Clamp

Set Screw Type

Type	Material	Surface Treatment	Accessory
SCCNS	S45C	Black Oxide Coating	Set Screw 2 pcs, Thread Protectors 2 pcs
PSCCNS	Equivalent	Electroless Nickel Plating	MSCM435 Equivalent
SSCCNS	SUS304	-	MUS304 Equivalent, Copper Alloy

25/(6.3/√)

Type	No.	B		m x Pitch		D1	d1	C	Set Screw M x Length	Unit Price		
		(Fine)	(Coarse)	(Fine)	(Coarse)					SCCNS	PSCCNS	SSCCNS
(Fine Thread Type) SCCNS PSCCNS SSCCNS	*3	6	6	-	M3x0.35	7	4.5	0.2	M3x3			
	4			M4x0.5	8	5.5						
	5			M5x0.5	11	10						
	6			M6x0.75	12	11						
	8			M8x0.75	14	12						
(Coarse Thread Type) SCCNS PSCCNS SSCCNS	*10A	8	10	-	M10x0.75	16	13	0.5	M4x3			
	12			M10x1.0	20	15						
	*15			M12x1.0	24	20						
	16			M15x1.0	26	22						
	20			M16x1.0	32	27						
	*25			M20x1.0	38	31						
	30			M25x1.5	46	38						
	12			M30x1.5	46	38						
	15			M30x1.5	46	38						

Clamp Type

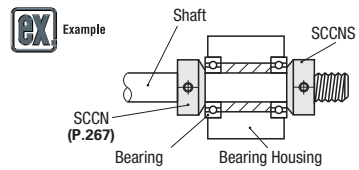
Type	Material	Surface Treatment	Accessory
SCSN	S45C	Black Oxide Coating	Hex Socket Head Cap Screw 1 pc.
PSCSN	Equivalent	Electroless Nickel Plating	MSCM435 Equivalent
SSCSN	SUS304	-	MUS304 Equivalent

25/(6.3/√)

Type	No.	B	m x Pitch		D1	M (Coarse)	d	R	W	X		Y	Z	Unit Price		
			(Fine)	(Coarse)						(Fine)	(Coarse)			SCSN	PSCSN	SSCSN
(Fine Thread Type) SCSN PSCSN SSCSN	3	8	M3x0.35	M3x0.5	16	M3	3.4	3	1.0	4.5	4.5	2.2	3-5			
	4		M4x0.5	M4x0.7	18					5	5	3	3.5-6			
	5		M5x0.5	M5x0.8	20					5.5	5.5	4	5-6.5			
	6		M6x0.75	M6x1.0	25					6	6	4	6-6.5			
	8		M8x0.75	M8x1.25	25					8	8	-	8-9			
	*18A		M8x1.0	-	25					8	8	-	8-9			
	10		M10x0.75	M10x1.5	30					9	9	-	9-10			
	*10A		M10x1.0	-	30					9	-	5	10			
	*10B		M10x1.25	-	30					10	10	-	10			
	12		M12x1.0	M12x1.75	34					11.5	-	6	11-12			
(Coarse Thread Type) SCSN PSCSN SSCSN	*12A	M12x1.25	-	34	12	12.5	6	11-12								
	14	M14x1.5	-	35	12.5	-	6	12-13								
	16	M16x1.0	M16x2.0	40	14	14	-	13								
	*16A	M16x1.5	-	40	14	14	-	13								
	*18	M18x1.5	-	45	17	17	-	16								
	20	M20x1.0	M20x2.5	45	17	17	-	16								
	*20A	M20x1.5	-	45	17	17	-	16								
	*22	M22x1.5	-	55	20	20	8	17-20								
	*24*2	M24x3.0	-	55	20	20	10	18-20								
	*25	M25x1.5	-	55	20	20	10	18-20								
*27	M27x1.5	-	55	20	20	10	18-20									
30	M30x1.5	M30x3.5	55	20	20	10	18-20									

* 1 marked size in No. is applicable to Fine Thread Type only. * 2 marked size in No. is applicable to Coarse Thread Type only. W dimension of Coarse Thread Type No.5 is 1.5.

Ordering Example: Part Number SCCNS20



Features: Collar has clearance for a key on the shaft. (The Key Groove Clearance Channel is not for key-locking the collar itself.)

Set Screw Type

Type	Material	Surface Treatment	Accessory
SCKS	S45C	Black Oxide Coating	Set Screw 2 pcs
PSCKS	Equivalent	Electroless Nickel Plating	MSCM435 Equivalent, MUS304 Equivalent

25/(6.3/√)

Type	D	B Selection		D1	d1	Set Screw M x Length	b	Z	Unit Price	
		SCKS	PSCKS						SCKS	PSCKS
SCKS PSCKS	10	6	8 10	20	13	M4x3	3.5	7		
	12		8 10	22	15	M5x4	4.5	8.5		
	15		8 10 12	26	20	M6x5	5.5	10.5		
	20		10 12	32	27	M6x5	6.5	13.5		
	25		12 15 20	38	31	M6x5	8.5	16.5		
	30		15 20	46	38	M8x6	8.5	19.0		

Clamp Type

Type	Material	Surface Treatment	Accessory
SCKSKS	S45C	Black Oxide Coating	Hex Socket Head Cap Screw 1 pc.
PSCKSKS	Equivalent	Electroless Nickel Plating	MSCM435 Equivalent, MUS304 Equivalent

25/(6.3/√)

Type	D	B Selection	D1	M (Coarse)	d	R	W	X	Y	Z	b	Unit Price	
												SCKSKS	PSCKSKS
SCKSKS PSCKSKS	10	10	30	M4	4.5	3.75	1.5	9	5	7	3.5		
	12	10	30	M4	4.5	3.75		10	5	8.5	4.5		
	15	10	34	M4	4.5	3.75		11.5	6	10.5	5.5		
		12	35	M5	5.5	4.5		12	8				
		15	M6	6.6	6								
	20	10	40	M5	5.5	4.5		14	7	13.5	6.5		
		12	M6	6.6	6								
		15	M5	5.5	4.5								
	25	12	45	M5	5.5	4.5		15	8				
		15	M6	6.6	6								
		18	M5	5.5	4.5								
	30	15	50	M6	6.6	6		18	10	16.5	8.5		
		15	55	M6	6.6	6		20	10	19			

The groove b is for shaft key to pass through the collar, not for use as a keyway.

Ordering Example: Part Number SCKS12 - 10, PSCKS10 - 10

