

# Shaft Collar Threaded Bore

## Set Screw / Clamp

# Shaft Collar Key Relief Groove

## Set Screw / Clamp

**Set Screw Type**

Type	Material	Surface Treatment	Accessory
<b>SCCNS</b>	EN 1.1191	Black Oxide Coating	Set Screw 2 pcs, Thread Protectors 2 pcs.
<b>PSCSNS</b>	EN 1.1191	Electroless Nickel Plating	EN 1.7220 Equiv.
<b>SSCCNS</b>	EN 1.4301	-	EN 1.4301 Equiv. Copper Alloy

25/(6.3/√)

Part Number	Type	No.	B		m x Pitch		D1	d1	C	Set Screw M x Length	Unit Price			
			(Fine)	(Coarse)	(Fine)	(Coarse)					SCCNS	PSCSNS	SSCCNS	
SCCNS PSCSNS SSCCNS	(Fine Thread Type)	*3	6	6	-	M3x0.35	7	4.5	0.2	M3x3				
		4			M4x0.5	M4x0.7	8	5.5						
		5			M5x0.5	M5x0.8	11	10						
		6			M6x0.75	M6x1.0	12	11						
		8			M8x0.75	M8x1.25	14	12						
	(Coarse Thread Type)	*10A	8	10	-	M10x0.75	16	13	0.5	M4x3				
		12			M10x1.0	-	-	-			-			
		*15			M12x1.0	M12x1.75	20	15						
		16			M15x1.0	-	24	20						
		20			M16x1.0	M16x2.0	26	22						
SCCNS PSCSNS SSCCNS	*25	10	12	-	M20x1.0	32	27	1	M5x4					
	20			M20x1.0	M20x2.5	32	27							
	*25			M25x1.5	-	38	31							
	30			M30x1.5	M30x3.5	46	38							

**Clamp Type**

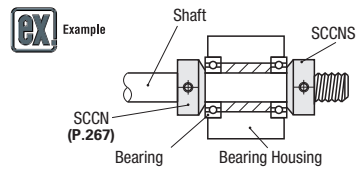
Type	Material	Surface Treatment	Accessory
<b>SCSKS</b>	EN 1.1191	Black Oxide Coating	Hex Socket Head Cap Screw 1 pc.
<b>PSCSKS</b>	EN 1.1191	Electroless Nickel Plating	EN 1.7220 Equiv.
<b>SSCSK</b>	EN 1.4301	-	EN 1.4301 Equiv.

25/(6.3/√)

Part Number	Type	No.	B	m x Pitch		D1	M (Coarse)	d	R	W	X				Unit Price				
				(Fine)	(Coarse)						(Fine)	(Coarse)	Y	Z	SCSKS	PSCSKS	SSCSK		
SCSKS PSCSKS SSCSK	(Fine Thread Type)	3	8	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	30					8	8	4	8-9				
	(Coarse Thread Type)	*18A	10	10	-	M8x1.0	-	25	M4	4.5	3.75	1.5	8	-	-	8-9			
		10			M10x0.75	M10x1.5	30	9					-	-	9-10				
		*10A			M10x1.0	-	34	9					-	-	10-11				
		*10B			M10x1.25	-	35	10					-	-	11-12				
		12			M12x1.0	M12x1.75	40	10					10	6	12-13				
SCSKS PSCSKS SSCSK	*12A	12	12	-	M12x1.25	-	40	M5	5.5	4.5	1.5	11.5	-	-	10-11				
	14			M14x1.5	-	45	12					12.5	6	11-12					
	*16A			M16x1.0	M16x2.0	55	12.5					-	-	12-13					
	*18			M18x1.5	-	55	14					14	7	14-15					
	20			M20x1.0	M20x2.5	60	14					14	7	14-15					
	*20A			M20x1.5	-	65	17					17	7	16					
	22			M22x1.5	-	70	17					17	7	16					
SCSKS PSCSKS SSCSK	*24*2	15	15	-	M22x1.5	-	70	M6	6.6	6	1.5	17	-	-	17-20				
	*25			M25x1.5	-	80	17					-	-	18-20					
	*27			M27x1.5	-	90	20					8	8	17-20					
	30			M30x1.5	M30x3.5	100	20					10	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
<b>SCSKS</b>	EN 1.1191	Black Oxide Coating	Set Screw 2 pcs.
<b>PSCSKS</b>	EN 1.1191	Electroless Nickel Plating	EN 1.7220 Equiv.
<b>SSCSK</b>	EN 1.4301	-	EN 1.4301 Equiv.

25/(6.3/√)

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

**Clamp Type**

Type	Material	Surface Treatment	Accessory
<b>SCSKS</b>	EN 1.1191	Black Oxide Coating	Hex Socket Head Cap Screw 1 pc.
<b>PSCSKS</b>	EN 1.1191	Electroless Nickel Plating	EN 1.7220 Equiv.
<b>SSCSK</b>	EN 1.4301	-	EN 1.4301 Equiv.

25/(6.3/√)

Part Number	Type	D	B Selection	D1	M (Coarse)	d	R	W	X	Y	Z	b	Unit Price														
													SCSKS	PSCSKS													
SCSKS PSCSKS		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	12	35	M5	5.5	4.5	11.5	6	10.5	5.5					
		20	12	40	M6	6.6	6		4.5	12	8	13.5	6.5	8.5	6.5												
																15	12	45	M5	5.5	4.5	14	7	13.5	6.5		
																25	15	50	M6	6.6	6	15	8	16.5	8.5		
		30	15	55	M6	6.6	6		6	15	10	19	8.5	19	8.5												

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

Ordering Example Part Number - B  
SCSKS12 - 10  
SCSKS10 - 10

