

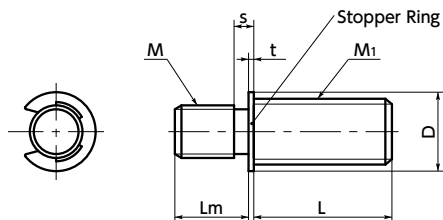
SAD-SD / SADS-SD Screw Adaptor - Thread Size Conversion Type



WEB Selection
Tool

WEB CAD
Download

SUS Stainless steel



SAD-SD

SADS-SD

- By combining with female screw products such as a lever and knob, this may be used as a lever or knob of any non-standard screw diameter.
- For screw fixing, use a pin stopper or anaerobic adhesive agent.
- If it is repeatedly tightened in combination with a lever or knob, a pin stopper is recommended.
- Use a stopper ring to accurately determine the threaded length.

- Part number specification

SAD-M10-M12-80-SD

1 2 3 4 Variable Screw Diameter Type

- Material/Finish

RoHS Compliant

	SAD-SD Made of Steel	SADS-SD Made of Stainless Steel
Thread Part	SUM22 Trivalent Chromate Treatment	SUS303
Stopper Ring	Equivalent to SUS304	Equivalent to SUS304

Dimensions

Unit : mm

Part Number Steel	Part Number Stainless steel	M (coarse) 2	M1 (coarse) 3	Lm	s	t	D	Mass (g)
SAD-M4-M5-SD	SADS-M4-M5-SD	M4	M5	4.5	1.4	0.6	7	1.9 - 6.7
SAD-M5-M4-SD	SADS-M5-M4-SD	M5	M4	4.5	1.4	0.6	7	1.5 - 3.1
SAD-M5-M6-SD	SADS-M5-M6-SD	M5	M6	4.5	1.6	0.6	9	2.7 - 12
SAD-M6-M5-SD	SADS-M6-M5-SD	M6	M5	5.5	1.6	0.6	9	2.5 - 7.3
SAD-M6-M8-SD	SADS-M6-M8-SD	M6	M8	5.5	2	0.6	9	4.9 - 27
SAD-M8-M6-SD	SADS-M8-M6-SD	M8	M6	6.5	2	0.6	9	4.3 - 13
SAD-M8-M10-SD	SADS-M8-M10-SD	M8	M10	6.5	2.5	0.8	12	10 - 43
SAD-M10-M8-SD	SADS-M10-M8-SD	M10	M8	8.5	2.5	0.8	12	8.2 - 30
SAD-M10-M12-SD	SADS-M10-M12-SD	M10	M12	8.5	3	0.8	16	16 - 64

SAD-SD Made of Steel SADS-SD Made of Stainless Steel

Part Number	L (mm) 4									
	12	16	20	25	32	40	50	63	80	
SAD-M4-M5-SD	●	●	●	●	●	●	●			
SAD-M5-M4-SD	●	●	●	●	●					
SAD-M5-M6-SD	●	●	●	●	●	●	●	●		
SAD-M6-M5-SD	●	●	●	●	●	●	●			
SAD-M6-M8-SD	●	●	●	●	●	●	●	●	●	
SAD-M8-M6-SD	●	●	●	●	●	●	●	●		
SAD-M8-M10-SD	●	●	●	●	●	●	●	●	●	
SAD-M10-M8-SD	●	●	●	●	●	●	●	●	●	
SAD-M10-M12-SD	●	●	●	●	●	●	●	●	●	
SADS-M4-M5-SD	●	●	●	●	●	●	●			
SADS-M5-M4-SD	●	●	●	●	●					
SADS-M5-M6-SD	●	●	●	●	●	●	●	●		
SADS-M6-M5-SD	●	●	●	●	●	●	●			
SADS-M6-M8-SD	●	●	●	●	●	●	●	●	●	
SADS-M8-M6-SD	●	●	●	●	●	●	●	●		
SADS-M8-M10-SD	●	●	●	●	●	●	●	●	●	
SADS-M10-M8-SD	●	●	●	●	●	●	●	●	●	
SADS-M10-M12-SD	●	●	●	●	●	●	●	●	●	

Cleanroom Wash & Packaging → P.792 Screw Combination → P.798 Screw Length Adjustment → P.796 Vibration Resistant → P.795
Available / Add'l charge Available / Add'l charge Available / Add'l charge Available / Add'l charge

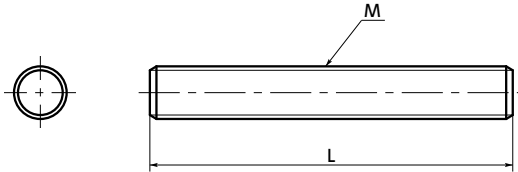
SAD-FT / SADS-FT Screw Adaptor - Long Threaded Type



WEB Selection Tool

WEB CAD Download

SUS Stainless steel



- By combining with female screw products such as a lever and knob, this may be used as a long screw lever or knob.
- For screw fixing, use a pin stopper or anaerobic adhesive agent.
- If it is repeatedly tightened in combination with a lever or knob, a pin stopper is recommended.
- Material/Finish **1** RoHS Compliant

	SAD-FT Made of Steel	SADS-FT Made of Stainless Steel
Thread Part	SWRM6K Trivalent Chromate Treatment	SUS304

Dimensions

Part Number Steel	Part Number Stainless steel	M (coarse) 2	Mass (g)
SAD-M4-FT	SADS-M4-FT	M4	4 - 10
SAD-M5-FT	SADS-M5-FT	M5	6.2 - 16
SAD-M6-FT	SADS-M6-FT	M6	11 - 22
SAD-M8-FT	SADS-M8-FT	M8	20 - 40
SAD-M10-FT	SADS-M10-FT	M10	36 - 72

Unit : mm

SAD-FT Made of Steel **SADS-FT** Made of Stainless Steel

Part Number	L (mm) 3					
	40	50	60	80	100	120
SAD-M4-FT	●	●	●	●	●	
SAD-M5-FT	●	●	●	●	●	
SAD-M6-FT		●	●	●	●	
SAD-M8-FT		●	●	●	●	
SAD-M10-FT			●	●	●	●
SADS-M4-FT	●	●	●	●	●	
SADS-M5-FT	●	●	●	●	●	
SADS-M6-FT		●	●	●	●	
SADS-M8-FT		●	●	●	●	
SADS-M10-FT			●	●	●	●

● Related Products

There are variations of screw adaptor.

➔ P.528 - 531



- Part number specification

SAD-M5-100-FT

1 **2** **3** Long Threaded Type

Cleanroom Wash & Packaging ➔ P.792

Screw Combination ➔ P.798

Screw Length Adjustment ➔ P.796

Vibration Resistant ➔ P.795

S.S. only / Add'l charge

Available / Add'l charge

Available / Add'l charge

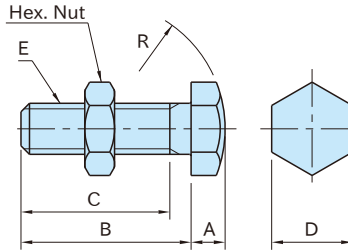
Available / Add'l charge

BJ732

CONTACT BOLTS



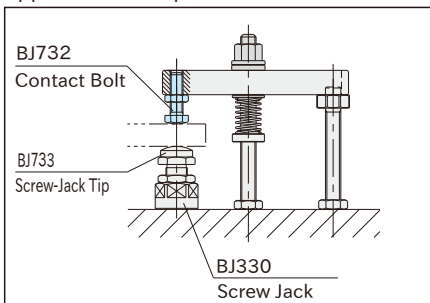
(Steel) (Stainless steel)



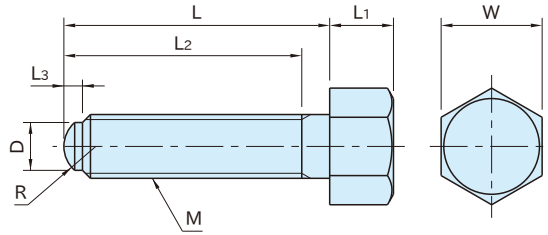
Type	Body
BJ732	Steel (SCM435) Quenched and tempered Case hardened (on radius end) Black oxide finish
BJ732-SUS	Stainless steel (SUS440C) Case hardened (on radius end)

Steel	Stainless Steel	A	B	C	D	E	R	Weight (g)
Part Number	Part Number							
BJ732-06025	BJ732-06025-SUS		25	22				7
BJ732-06035	BJ732-06035-SUS	5	35	32	10	M 6×1	R15	9
BJ732-06045	BJ732-06045-SUS		45	42				11
BJ732-08030	BJ732-08030-SUS		30	27				16
BJ732-08040	BJ732-08040-SUS	6	40	37	13	M 8×1.25	R17.5	19
BJ732-08050	BJ732-08050-SUS		50	47				22
BJ732-10040	BJ732-10040-SUS		40	37				33
BJ732-10050	BJ732-10050-SUS	8	50	47	17	M10×1.5	R20	38
BJ732-10060	BJ732-10060-SUS		60	57				42
BJ732-12050	BJ732-12050-SUS		40	35				60
BJ732-12060	BJ732-12060-SUS		60	55	19	M12×1.75	R30	65
BJ732-12070	BJ732-12070-SUS	10	70	65				70
BJ732-16055	-		45	40				110
BJ732-16065	-		65	60	24	M16×2	R35	125
BJ732-16075	-		75	70				135
BJ732-20060	-		60	55				205
BJ732-20075	-	15	75	70	30	M20×2.5	R40	235
BJ732-20090	-		90	85				265
BJ732-24060	-		60	55				325
BJ732-24080	-	18	80	75	36	M24×3	R45	380
BJ732-24100	-		100	95				430

Application Example

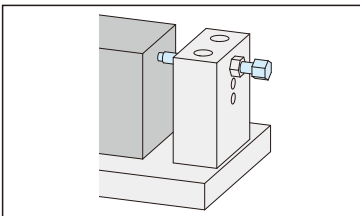


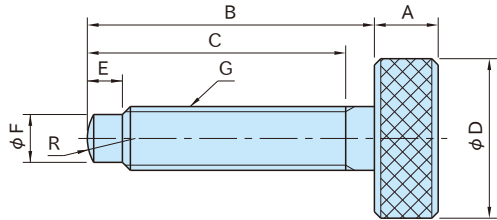
Use to distribute clamping pressure to irregular workpiece surfaces.

BJ748**CLAMP SCREWS**

Body
Steel(SCM435)
Black oxide finish
Quenched and tempered (Rc 33 - 39)

Part Number	M	L	W	D	L1	L2	L3	R	Clamping Force (kN)	Allowable Screw Torque (N·m)	Weight (g)
BJ748-06030	M 6×1	30	10	4.5	8	27	2.5	R 5	8	10	9
BJ748-06040		40				37					10
BJ748-06050		50				47					12
BJ748-08040	M 8×1.25	40	13	5.5	10	37	3	R 6	16	25	21
BJ748-08050		50				47					24
BJ748-08060		60				57					26
BJ748-10040	M10×1.5	40	17	7.5	12	37	3.5	R 8	25	50	38
BJ748-10050		50				47					42
BJ748-10060		60				57					46
BJ748-12060	M12×1.75	60	19	9	15	55	5	R 9	38	90	70
BJ748-12080		80				75					80
BJ748-12100		100				95					95
BJ748-12125	M16×2	125	24	12	20	120	6	R12	63	200	115
BJ748-16080		80				75					165
BJ748-16100		100				95					185
BJ748-16125	M20×2.5	125	30	15	25	120	7	R15	98	390	215
BJ748-16150		150				145					270
BJ748-20080		80				70					285
BJ748-20100	M20×2.5	100	30	15	25	90	7	R15	98	390	320
BJ748-20125		125				115					365
BJ748-24100		100				90					460
BJ748-24125	M24×3	125	36	19.5	25	115	8	R20	140	670	525
BJ748-24150		150				140					590

How To Use

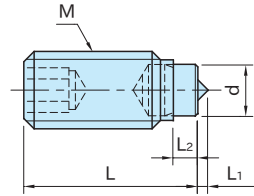
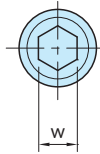
BJ764**KNURLED HEAD SCREWS**

Type	Body
BJ764	Steel (S45C) Quenched and tempered Black oxide finish
BJ764-SUS	stainless steel (SUS440C) Induction hardened (on edge)

Steel	Stainless Steel	A	B	C	D	E	F	G	R	Weight (g)
Part Number	Part Number									
BJ764-05001	BJ764-05001-SUS	6	25	23	16	3	4	M 5×0.8	R 4	12
BJ764-05002	BJ764-05002-SUS		40	38						14
BJ764-06001	BJ764-06001-SUS	7	35	33	18	3.5	4.5	M 6×1	R 5	19
BJ764-06002	BJ764-06002-SUS		50	48						21
BJ764-08001	BJ764-08001-SUS	8	45	42	20	5	6	M 8×1.25	R 6	31
BJ764-08002	BJ764-08002-SUS		60	57						35
BJ764-10001	BJ764-10001-SUS	10	45	42	25	5.5	7.5	M10×1.5	R 8	57
BJ764-10002	BJ764-10002-SUS		60	57						64
BJ764-12001	BJ764-12001-SUS	12	60	56.5	32	6.5	9	M12×1.75	R10	125
BJ764-12002	BJ764-12002-SUS		80	76.5						140
BJ764-16001	-	16	80	76	40	8.5	12	M16×2	R12	275
BJ764-16002	-		100	96						305

PCS

POINTED TIP SCREWS



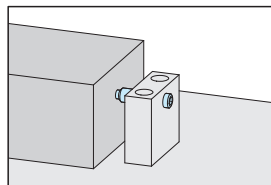
Body	Tip
S45CF steel Black oxide finish	SKS93 steel Black oxide finish HRC54-58

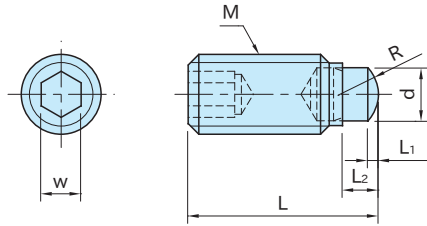
Part Number	M	L	d	L ₁	L ₂	w	Max. Load Capacity (Static) (kN)	Weight (g)
PCS 5×09	M 5×0.8	8.5	3	0.5	1.3	2.5	4.5	0.7
PCS 5×13		12.5						1.1
PCS 5×17		16.5						1.6
PCS 5×21		20.5						2.1
PCS 6×14	M 6×1	13.5	4	0.8	1.9	3	9	1.7
PCS 6×18		17.5						2.3
PCS 6×22		21.5						2.3
PCS 6×27		26.5						4
PCS 8×14	M 8×1.25	14	5.5	1	2.4	4	15	3.2
PCS 8×18		18						4.4
PCS 8×22		22						5.6
PCS 8×27		27						7.1
PCS 8×34		34	9.3					
PCS10×18	M10×1.5	18	7	1.5	2.6	5	20	6.7
PCS10×22		22						8.8
PCS10×27		27						11
PCS10×34		34						14.4
PCS10×42		42						18.4

Feature

A sharp pointed edge of the tip bites on a workpiece surface.

How To Use



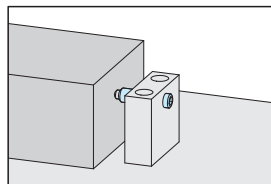
RCS**ROUND TIP SCREWS**

Body	Tip
S45CF steel Black oxide finish	SKS93 steel Black oxide finish HRC54-58

Part Number	M	L	d	L ₁	L ₂	w	R	Max. Load Capacity (Static) (kN)	Weight (g)
RCS 5×09	M 5×0.8	9	3	0.5	1.8	2.5	2.5	4.5	0.7
RCS 5×13		13							1.2
RCS 5×17		17							1.6
RCS 5×21		21							2.1
RCS 6×14	M 6×1	14.3	4	0.8	2.7	3	3	9	1.7
RCS 6×18		18.3							2.4
RCS 6×22		22.3							3.1
RCS 6×27		27.3							4.1
RCS 8×15	M 8×1.25	14.8	5.5	0.8	3.2	4	5	15	3.3
RCS 8×19		18.8							4.5
RCS 8×23		22.8							5.7
RCS 8×28		27.8							7.2
RCS 8×35		34.8							9.4
RCS10×19	M10×1.5	18.9	7	1.1	3.5	5	6	20	6.7
RCS10×23		22.9							8.9
RCS10×28		27.9							11.1
RCS10×35		34.9							14.5
RCS10×43		42.9							18.5

Feature

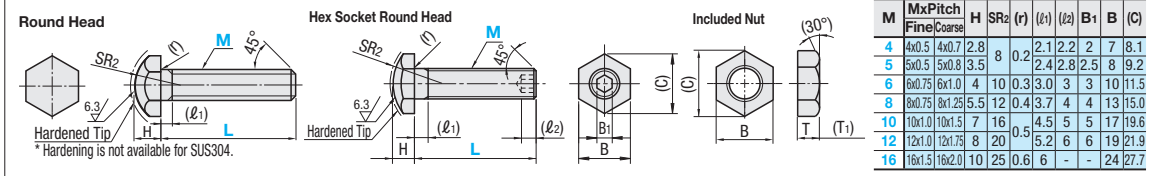
The round tip surface contacts on a workpiece.

How To Use

Locating Bolts

Round Head, Round Tip

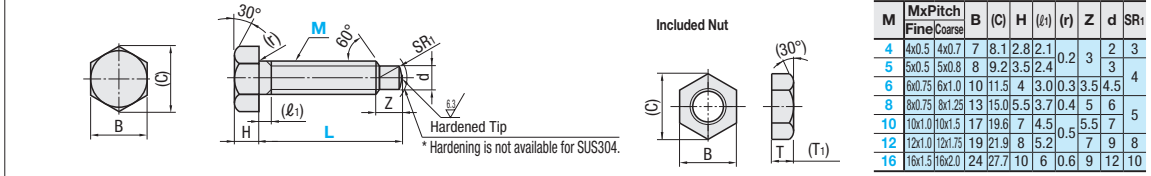
Locating Bolts						Accessory (Nut 1 pc.)		Nut T Dimension		
Round Head	Hex Socket Round Head	Material	Hardness*	Surface Treatment	Material	Surface Treatment	M	T (Coarse)	T ₁ (Fine)	
Fine	STCB	-	45HRC~	Black Oxide	SS400	Bright Chromate Plating	4	3.2	4	
	STCBM	STCCM	S45C	Electroless Nickel Plating	SS400	Trivalent Chromate	5	4	4	
	STCCB	SSTCC	SUS440C Equivalent	-	SUS304 Equivalent	-	6	5	5	
Coarse	STBB	STBC	45HRC~	Black Oxide	SS400	Bright Chromate Plating (*)	8	6.5	5	
	STBBM	STBCM	S45C	Electroless Nickel Plating	SS400	Trivalent Chromate	10	8	6	
	STBBS	-	SUS304	-	SUS304	-	12	10	6	
	STTBB	STTBC	SUS440C Equivalent	45HRC~	SUS304 Equivalent	-	16	13	8	



Part Number	Type	M	L Selection							STCB, STBB		STCBM, STBBM		STBBS		SSTCB, SSTBB			
			4	5	6	8	10	12	16	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate		
(Fine)	STCB	4	10	15	20	25	30	35	40	20									
	STCBM	5	10	15	20	25	30	35	40	50	20								
	SSTCB	6	15	20	25	30	35	40	50	20	25	30	40	50					
(Coarse)	STBB	8	15	20	25	30	35	40	50	60	70	80	25	30	40	50	60		
	STBBM	10								30	40	50	60	70					
	STBBS	12								30	40	50	60	70	80				
	SSTBB	16								40	50	60	70	80					

Part Number	Type	M	L Selection							STBC		STCCM, STBCM		SSTCC, SSTBC	
			4	5	6	8	10	12	16	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
(Fine)	STCCM	4	20												
	SSTCC	5	20												
	SSTCC	6	20	25	30	40	50								
(Coarse)	STBC	8		25	30	40	50	60							
	STBCM	10			30	40	50	60	70						
	SSTBC	12			40	50	60	70	80						

Locating Bolts						Accessory (Nut 1 pc.)		Nut T Dimension		
Round Tip	Material	Hardness*	Surface Treatment	Material	Surface Treatment	M	T (Coarse)	T ₁ (Fine)		
Fine	STCA	S45C	45HRC~	Black Oxide	SS400	Bright Chromate Plating	4	3.2	4	
	STCAM	SUS440C Equivalent	45HRC~	Electroless Nickel Plating	SS400	Trivalent Chromate	5	4	4	
	SSTCA	SUS440C Equivalent	45HRC~	-	SUS304 Equivalent	-	6	5	5	
Coarse	STBA	S45C	45HRC~	Black Oxide	SS400	Bright Chromate Plating	8	6.5	5	
	STBAM	SUS304	-	Electroless Nickel Plating	SS400	Trivalent Chromate	10	8	6	
	STBAS	SUS304	-	-	SUS304	-	12	10	6	
	SSTBA	SUS440C Equivalent	45HRC~	-	SUS304 Equivalent	-	16	13	8	



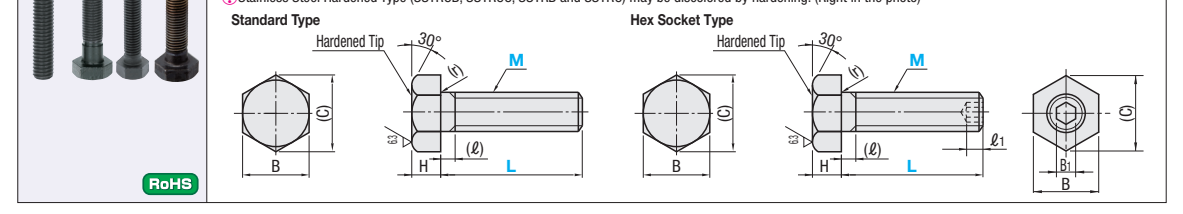
Part Number	Type	M	L Selection							STCA, STBA		STCAM, SSTCA, STBAM		STBAS		SSTCA, SSTBA		
			4	5	6	8	10	12	16	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	
(Fine)	STCA	4	15	20	25	30	35	40	20									
	STCAM	5	15	20	25	30	35	40	50	20								
	SSTCA	6	15	20	25	30	35	40	50	20	25	30	40	50				
(Coarse)	STBA	8	15	20	25	30	35	40	50	60	70	80	25	30	40	50	60	
	STBAM	10								30	40	50	60	70				
	STBAS	12								40	50	60	70	80				
	SSTBA	16								50	60	70	80					

Ordering Example: Part Number - L
STCB6 - 20
STBA10 - 50

Stopper Bolts / Stopper Screws

Features: Less deformation because of the flat contact surface.

Stopper Bolts	Type		Material	Hardness	Surface Treatment
	Standard	Hex Socket			
Fine	STRCB	STRCC	SCM435	40-45HRC	Black Oxide
	STRCN	STRNCC	SUS410		Electroless Nickel Plating
	SSTRCB	SSTRCC	SUS410		-
Coarse	STRB	STRC	SCM435	40-45HRC	Black Oxide
	STRN	STRNC	SUS410		Electroless Nickel Plating
	SSTRB	SSTRC	SUS410		-

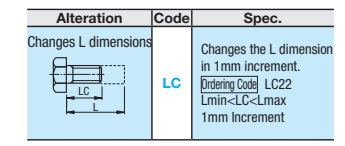


Part Number	Type	M	L 5mm Increment	M		B	(C)	H	(l)	(r)	l1	B1	Unit Price					
				Coarse	Fine								STRCB	STRCN	SSTRCB	STRCC	STRNCC	SSTRCC
Standard	Hex Socket Type	3	10-30	3x0.5	-	5.5	6.4	2	1	0.1	-	-						
		4	15-60	4x0.7	4x0.5	7	8.1	2.8	2.1	0.2	2.2	2						
(Fine)	(Coarse)	5	15-60	5x0.8	5x0.5	8	9.2	3.5	2.4	0.2	2.8	2.5						
		6	20-60	6x1.0	6x0.75	10	11.5	4	3	0.3	3	3						
(Fine)	(Coarse)	8	25-60	8x1.25	8x0.75	13	15.0	5.5	3.7	0.4	4	4						
		10	30-70	10x1.5	10x1.0	17	19.6	7	4.5	0.5	5	5						
(Fine)	(Coarse)	12	35-80	12x1.75	12x1.0	19	21.9	8	5.2	0.5	6	6						

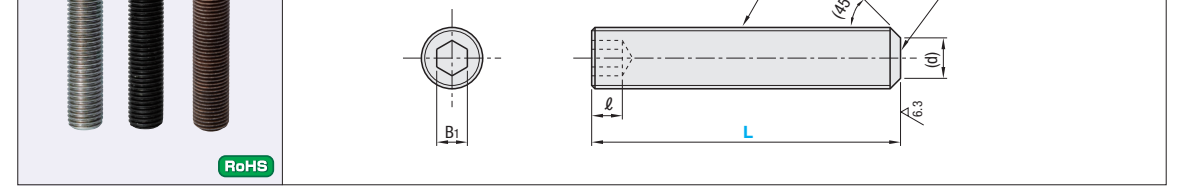
* M3 size is available only for STRB and STRN.

Ordering Example: Part Number - L
STRB6 - 20

Alterations: Part Number - L (LC)
STRB10 - LC41



Stopper Screws	Type	Material	Hardness	Surface Treatment
STSNCC	SUS420J2	-	Electroless Nickel Plating	
SSTSCC	SUS420J2	-	-	



Part Number	Type	M	L Selection							MxPitch Fine	B1	l	(d)	Unit Price			
			4	5	6	8	10	12	16					STSCC	STSNCC	SSTSCC	
STSCC	STSNCC	SSTSCC	4	20	25	30	35	40	4x0.5	2	2.5	2.5					
			5	20	25	30	35	40	5x0.5	2.5	3	3.5					
			6		30	35	40	45	50	60	6x0.75	3	3.5	4			
			8		30	35	40	45	50	60	8x0.75	4	5	4.5			
			10			40	45	50	60	70	10x1.0	5	6	7			
			12			40	45	50	60	70	80	12x1.0	6	8	8.5		

Ordering Example: Part Number - L
STSCC10 - 60