Locating Bolts
Round Head, Round Tip

Stopper Bolts / Stopper Screws

■Round Head

RoHS10

Locating Bolts						Accessory (Nut 1 pc.)	
	Round Head	Hex Socket Round Head	M Material	H Hardness*	S Surface Treatment	M Material	S Surface Treatment
Fine	STCB	-	S45C	45HRC~	Black Oxide	SS400	Bright Chromate Plating
	STCBM	STCCM			Electroless Nickel Plating		Trivalent Chromate
	SSTCB	SSTCC	SUS440C Equivalent	45HRC~	-	SUS304 Equivalent	-
Coarse	STBB	STBC	S45C	45HRC~	Black Oxide	SS400	Bright Chromate Plating (*1)
	STBBM	STBCM			Electroless Nickel Plating		Trivalent Chromate
	STBBS	-	SUS304	-	-	SUS304 Equivalent	-
	SSTBB	SSTBC	SUS440C Equivalent	45HRC~	-		

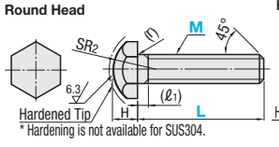
■Nut T Dimension

M	T (Coarse)	T1 (Fine)
4	3.2	4
5	4	
6	5	
8	6.5	5
10	8	6
12	10	
16	13	8

Part numbers in ▭ are not RoHS compliant.
Stainless Steel Hardened Type (SUS440C Equivalent) may be discolored by hardening. (Right in the photo)
*1 Surface treatment for included nuts STBC is Trivalent Chromate.

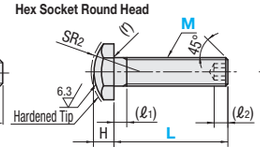
*H Hardness: Hardened Tip

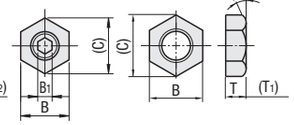
Round Head



* Hardening is not available for SUS304.

Hex Socket Round Head





Included Nut

M	MxPitch Fine	Coarse	H	SR2	(r)	(ℓ1)	(ℓ2)	B1	B	(C)
4	4x0.5	4x0.7	2.8	8	0.2	2.1	2.2	2	7	8.1
5	5x0.5	5x0.8	3.5			2.4	2.8	2.5	8	9.2
6	6x0.75	6x1.0	4	10	0.3	3.0	3	3	10	11.5
8	8x0.75	8x1.25	5.5	12	0.4	3.7	4	4	13	15.0
10	10x1.0	10x1.5	7	16	0.5	4.5	5	5	17	19.6
12	12x1.0	12x1.75	8	20		5.2	6	6	19	21.9
16	16x1.5	16x2.0	10	25	0.6	6	-	-	24	27.7

■Round Head

Part Number		L Selection		STCB, STBB			STCBM, STBBM		STBBS		SSTCB, SSTBB	
Type	M	STCB, STBB	STCBM, SSTCB, STBBM STBBS, SSTBB	Unit Price	Volume Discount Rate		Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
				1 ~ 3 pc(s).	4 ~ 49 pcs.	50 ~ 100 pcs.	1 ~ 49 pc(s).	50 ~ 100 pcs.	1 ~ 49 pc(s).	50 ~ 100 pcs.	1 ~ 49 pc(s).	50 ~ 100 pcs.
(Fine) STCB STCBM SSTCB	4	10 15 20 25 30 35 40	20									
	5	10 15 20 25 30 35 40 50	20									
	6	15 20 25 30 35 40 50	20 25 30 40 50									
(Coarse) STBB STBBM STBBS	8	15 20 25 30 35 40 50 60 70 80	25 30 40 50 60									
	10	30 35 40 50 60 70 80	30 40 50 60 70									
	12	30 35 40 50 60 70 80	40 50 60 70 80									
SSTBB	16	50 60 70 80	-				-		-		-	

For orders larger than indicated quantity, please check with WOS.

■Hex Socket Round Head

Part Number		L Selection	STBC		STCCM, STBCM		SSTCC, SSTBC	
Type	M		Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
			1 ~ 49 pc(s).	50 ~ 100 pcs.	1 ~ 49 pc(s).	50 ~ 100 pcs.	1 ~ 49 pc(s).	50 ~ 100 pcs.
(Fine) STCCM SSTCC	4	20						
	5	20						
	6	20 25 30 40 50						
(Coarse) STBC STBCM SSTBC	8	25 30 40 50 60						
	10	30 40 50 60 70						
	12	40 50 60 70 80						

■Round Tip

RoHS10

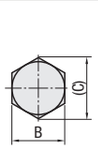
Locating Bolts					Accessory (Nut 1 pc.)	
	Round Tip	M Material	H Hardness*	S Surface Treatment	M Material	S Surface Treatment
Fine	STCA	S45C	45HRC~	Black Oxide	SS400	Bright Chromate Plating
	STCAM			Electroless Nickel Plating		Trivalent Chromate
	SSTCA	SUS440C Equivalent	45HRC~	-	SUS304 Equivalent	-
Coarse	STBA	S45C	45HRC~	Black Oxide	SS400	Bright Chromate Plating
	STBAM			Electroless Nickel Plating		Trivalent Chromate
	STBAS	SUS304	-	-	SUS304 Equivalent	-
	SSTBA	SUS440C Equivalent	45HRC~	-		

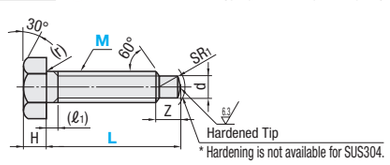
■Nut T Dimension

M	T (Coarse)	T1 (Fine)
4	3.2	4
5	4	
6	5	
8	6.5	5
10	8	6
12	10	
16	13	8

Part numbers in ▭ are not RoHS compliant.
Stainless Steel Hardened Type (SUS440C Equivalent) may be discolored by hardening. (Right in the photo)

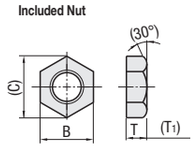
*H Hardness: Hardened Tip





* Hardening is not available for SUS304.

Included Nut



M	MxPitch Fine	Coarse	B	(C)	H	(ℓ1)	(r)	Z	d	SR1
4	4x0.5	4x0.7	7	8.1	2.8	2.1	0.2	3	2	3
5	5x0.5	5x0.8	8	9.2	3.5	2.4			3	4
6	6x0.75	6x1.0	10	11.5	4	3.0	0.3	3.5	4.5	
8	8x0.75	8x1.25	13	15.0	5.5	3.7	0.4	5	6	5
10	10x1.0	10x1.5	17	19.6	7	4.5	0.5	5.5	7	
12	12x1.0	12x1.75	19	21.9	8	5.2		7	9	8
16	16x1.5	16x2.0	24	27.7	10	6	0.6	9	12	10

Part Number		L Selection		STCA, STBA			STCAM, STBAM		STBAS		SSTCA, SSTBA	
Type	M	STCA, STBA	STCAM, SSTCA, STBAM STBAS, SSTBA	Unit Price	Volume Discount Rate		Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
				1 ~ 3 pc(s).	4 ~ 49 pcs.	50 ~ 100 pcs.	1 ~ 49 pc(s).	50 ~ 100 pcs.	1 ~ 49 pc(s).	50 ~ 100 pcs.	1 ~ 49 pc(s).	50 ~ 100 pcs.
(Fine) STCA STCAM SSTCA	4	15 20 25 30 35 40	20									
	5	15 20 25 30 35 40 50	20									
	6	15 20 25 30 35 40 50	20 25 30 40 50									
(Coarse) STBA STBAM STBAS	8	15 20 25 30 35 40 50 60 70 80	25 30 40 50 60									
	10	30 35 40 50 60 70 80	30 40 50 60 70									
	12	30 35 40 50 60 70 80	40 50 60 70 80									
SSTBA	16	50 60 70 80	-				-		-		-	

For orders larger than indicated quantity, please check with WOS.

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

Features: Less deformation because of the flat contact surface.

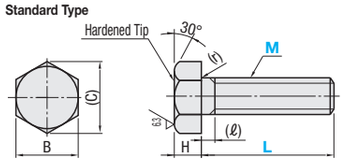
■Stopper Bolts

RoHS10

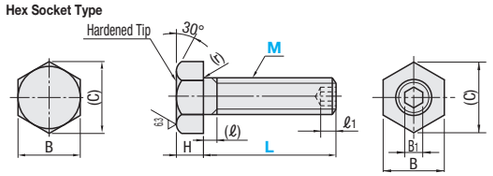
Stopper Bolts	Type: Standard	Type: Hex Socket	M Material	H Hardness	S Surface Treatment
Fine	STRCB	STRCC	SCM435	40~45HRC	Black Oxide
	STRCN	STRNCC			Electroless Nickel Plating
	SSTRCB	SSTRCC	SUS410		-
Coarse	STRB	STRC	SCM435		Black Oxide
	STRN	STRNC			Electroless Nickel Plating
	SSTRB	SSTRC	SUS410		-

Stainless Steel Hardened Type (SSTRCB, SSTRCC, SSTRB and SSTRC) may be discolored by hardening. (Right in the photo)

Standard Type



Hex Socket Type

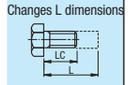


Part Number		L	M									Unit Price					
Type	M	5mm Increment	Coarse	Fine	B	(C)	H	(ℓ)	(r)	ℓ1	B1	STRCB STRB	STRCN STRN	SSTRCB SSTRB	STRCC STRC	STRNCC STRNC	SSTRCC SSTRC
Standard (Fine) STRCB STRCN SSTRCB; Standard (Coarse) STRB STRN SSTRB; Hex Socket Type (Fine) STRCC STRNCC SSTRCC; Hex Socket Type (Coarse) STRC STRNC SSTRC	*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						
	5	15~60	5x0.8	5x0.5	8	9.2	3.5	2.4		2.8	2.5						
	6	20~60	6x1.0	6x0.75	10	11.5	4	3	0.3	3	3						
	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						
	12	35~80	12x1.75	12x1.0	19	21.9	8	5.2		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

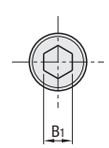
Alteration	Code	Spec.
Changes L dimensions 	LC	Changes the L dimension in 1mm increment. Ordering Code LC22 Lmin<LC<Lmax 1mm Increment

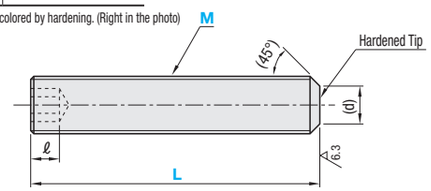
■Stopper Screws

RoHS10

Type	M Material	H Hardness	S Surface Treatment
STSCC	SCM435	40~45HRC	Black Oxide
STSNCC			Electroless Nickel Plating
SSTSCC	SUS420J2		-

Stainless Steel Hardened Type (SSTSCC) may be discolored by hardening. (Right in the photo)





Part Number		L Selection	MxPitch Fine	B1	ℓ	(d)	Unit Price		
Type	M						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