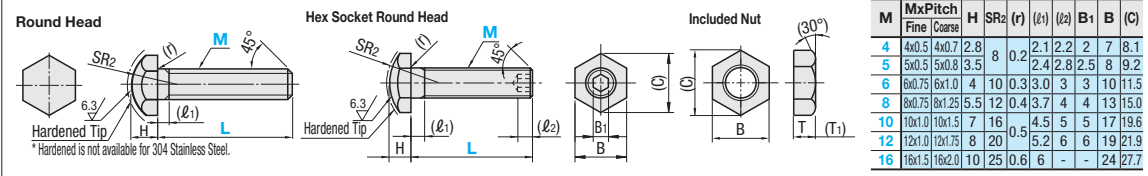


Locating Bolts

Round Head / Round Tip

Round Head		Locating Bolts						Accessories (Nut 1 pc.)		Nut T Dimension	
Type	M	Material	Hardness	Surface Treatment	Material	Surface Treatment	M	T ₁	T ₂	T ₃	
Fine Thread	4	1045 Carbon Steel	45HRC~	Black Oxide	1018 Carbon Steel	Bright Chromate Plating	4	3.2		4	
	5	440C Stainless Steel	45HRC~	Electroless Nickel Plating	304 Stainless Steel	-	5	4		4	
	6	1045 Carbon Steel	45HRC~	Black Oxide	1018 Carbon Steel	Bright Chromate Plating (*)	6	5		5	
Coarse Thread	8	1045 Carbon Steel	45HRC~	Electroless Nickel Plating	1018 Carbon Steel	Trivalent Chromate	8	6.5		5	
	10	304 Stainless Steel	-	-	304 Stainless Steel	-	10	8		6	
	12	440C Stainless Steel	45HRC~	-	304 Stainless Steel	-	12	10		6	
16	440C Stainless Steel	45HRC~	-	304 Stainless Steel	-	16	13		8		

Part numbers in yellow are not RoHS compliant.
 Stainless Steel Hardened Type (440C Stainless Steel) may be discolored by hardening.
 Surface treatment for included nuts STBC is Trivalent Chromate.
 Hardness: Hardened Tip

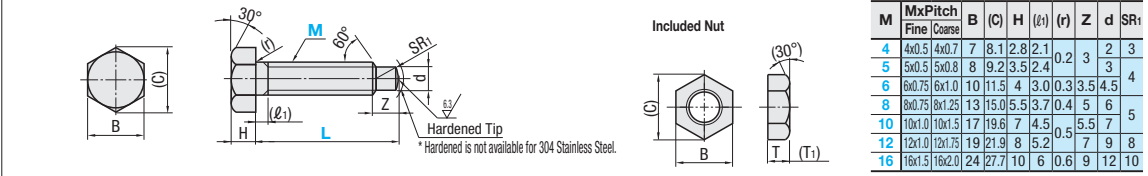


Type	M	L								STCB, STBB		STCBM, STBBM		STBBS		SSTCB, SSTBB		
		10	15	20	25	30	35	40	50	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	
(Fine)	4	10	15	20	25	30	35	40	20	1-3 pc(s)	4-49 pcs	50-100 pcs	1-49 pc(s)	50-100 pcs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

Type	M	L								STBC		STCCM, STBCM		SSTCC, SSTBC	
		10	15	20	25	30	35	40	50 <th>Unit Price</th> <th>Volume Discount Rate</th> <th>Unit Price</th> <th>Volume Discount Rate</th> <th>Unit Price</th> <th>Volume Discount Rate</th>	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
(Fine)	4	20								1-49 pc(s)	50-100 pcs	1-49 pc(s)	50-100 pcs	1-49 pc(s)	50-100 pcs
STCCM	5	20													
SSTCC	6	20	25	30	40	50									
(Coarse)	8	25	30	40	50	60									
STBC	10														
STBCM	12														
SSTBC	16														

Round Tip		Locating Bolts						Accessories (Nut 1 pc.)		Nut T Dimension	
Type	M	Material	Hardness	Surface Treatment	Material	Surface Treatment	M	T ₁	T ₂	T ₃	
Fine Thread	4	1045 Carbon Steel	45HRC~	Black Oxide	1018 Carbon Steel	Bright Chromate Plating	4	3.2		4	
	5	440C Stainless Steel	45HRC~	Electroless Nickel Plating	304 Stainless Steel	-	5	4		4	
	6	1045 Carbon Steel	45HRC~	Black Oxide	1018 Carbon Steel	Bright Chromate Plating	6	5		5	
Coarse Thread	8	1045 Carbon Steel	45HRC~	Electroless Nickel Plating	1018 Carbon Steel	Trivalent Chromate	8	6.5		5	
	10	304 Stainless Steel	-	-	304 Stainless Steel	-	10	8		6	
	12	440C Stainless Steel	45HRC~	-	304 Stainless Steel	-	12	10		6	
16	440C Stainless Steel	45HRC~	-	304 Stainless Steel	-	16	13		8		

Part numbers in yellow are not RoHS compliant.
 Stainless Steel Hardened Type (440C Stainless Steel) may be discolored by hardening.
 Hardness: Hardened Tip



Type	M	L								STCA, STBA		STCAM, STBAM		STBAS		SSTCA, SSTBA	
		10	15	20	25	30	35	40	50 <th>Unit Price</th> <th>Volume Discount Rate</th> <th>Unit Price</th> <th>Volume Discount Rate</th> <th>Unit Price</th> <th>Volume Discount Rate</th> <th>Unit Price</th> <th>Volume Discount Rate</th>	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
(Fine)	4	15	20	25	30	35	40	20	1-3 pc(s)	4-49 pcs	50-99 pcs	1-49 pc(s)	50-100 pcs	1-49 pc(s)	50-100 pcs	1-49 pc(s)	50-100 pcs
STCA	5	15	20	25	30	35	40	20									
STCAM	6	15	20	25	30	35	40	50	20								
SSTCA	8	15	20	25	30	35	40	50	20								
(Coarse)	8	15	20	25	30	35	40	50	60	70	80	25	30	40	50	60	
STBA	10								30	40	50	60	70				
STBAM	12								30	40	50	60	70				
SSTBA	16								40	50	60	70	80				

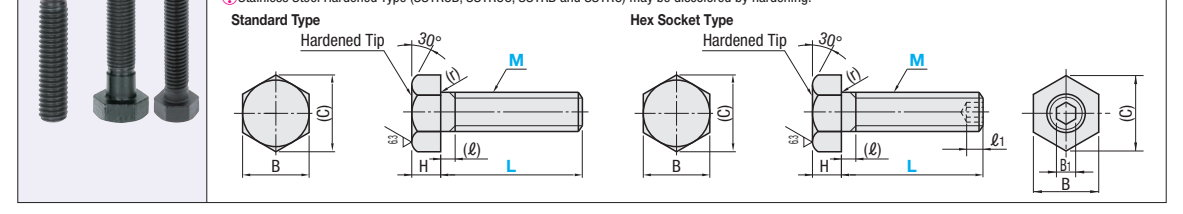
For orders larger than indicated quantity, please request a quotation.

Ordering Example: Part Number - L, Days to Ship, Configure Online

Stopper Bolts / Stopper Screws

Feature: Less deformation because of the flat contact surface.

Stopper Bolts	Type		Material	Hardness	Surface Treatment
	Standard	Hex Socket			
Fine Thread	STRCB	STRCC	4137 Alloy Steel	40-45HRC	Black Oxide
	STRCN	STRNCC	410 Stainless Steel		Electroless Nickel Plating
	SSTRCB	SSTRCC	410 Stainless Steel		-
Coarse Thread	STRB	STRC	4137 Alloy Steel	40-45HRC	Black Oxide
	STRN	STRNC	410 Stainless Steel		Electroless Nickel Plating
	SSTRB	SSTRC	410 Stainless Steel		-



Part Number	Type	M	L	M		B	C	H	l	r	l1	B1	Unit Price					
				Coarse Thread	Fine Thread								STRCB	STRCN	SSTRCB	STRCC	STRNCC	SSTRCC
Standard	(Fine)	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						
Hex Socket	(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)	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						
	(Coarse)	12	35-80	12x1.75	12x1.0	19	21.9	8	5.2	0.6	6	6						

M3 size is available only for STRB and STRN.

Ordering Example: Part Number - L, Days to Ship, Configure Online

Alterations: Part Number - L(LC), Days to Ship, Configure Online

Alteration	Code	Spec.	Price Adder
Changes L dimensions	LC	Changes the L dimension in 1mm increment. Ordering Code: LC22 Lmin-LC-Lmax 1mm Increment	

Price: Configure Online

Stopper Screws	Type	Material	Hardness	Surface Treatment
STSNCC	410 Stainless Steel	-	Electroless Nickel Plating	
SSTSCC	420 Stainless Steel	-	-	

Part Number	Type	M	L								MxPitch	B1	l	(d)	Unit Price		
			10	15	20	25	30	35	40	50					60	70	80
STSCC		4	20	25	30	35	40	20	2.5	2.5	2.5						
		5	20	25	30	35	40	20	3.5	3	3.5						
		6								3	3.5	4					
		8								4	5	4.5					
		10								5	6	7					
		12								6	8	8.5					

Ordering Example: Part Number - L, Days to Ship, Configure Online

Days to Ship, Configure Online