

STRIPPER BOLTS — MALE SCREW TYPE —



SHIM TAPES



The volume discount rate is also applicable to alteration cost.
All price & lead time are to be quoted.

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RoHS **MSB**
SMSB (Stainless steel)

※MSB
D12 and 13 are 3 max.
D16 and 20 are 3.5 max.

Type	□	□	Strength class
MSB	SCM435	33~38HRC	10.9
SMSB	SUS304	-	A2-70

▽The tensile strength of SMSB is 700N/mm².

De9	A	B	C	E	F	M×P	T
4	6.5	2.5	1.6	3	5	2.5×0.45	4.5
4.5	7						5
5	-0.020	8		3.5	6	3×0.5	5.5
5.5	-0.050	9	3	2.2	7	4×0.7	6
6				2			6.5
6.5	-0.025	10	4	2.5	5	5×0.8	7
8	-0.061	13	5	3	6	6×1.0	8.7
10		16	6	4	8	8×1.25	10.8
12	-0.032	17			12		12.8
13	-0.075	18	8	5	10	10×1.5	14
16	-0.040	24	10	7	14	12×1.75	17
20	-0.092	27	14	9	18	16×2.0	21

Catalog No. Type	D	L (Only the sizes with * is available for SMSB.)										U/Price Q'ty:1~19														
												MSB	SMSB													
MSB	4	10	15	20	25	30	35	40	45																	
	4.5	*10	*15	*20	*25	*30	*35	*40	45 50																	
	5	10	15	20	25	30	35	40	45 50																	
	5.5	*10	*15	*20	*25	*30	*35	*40	45 50 55																	
	6	10	15	20	25	30	35	40	45 50 55 60 65 70																	
	6.5	*10	*15	*20	*25	*30	*35	*40	*45 *50 55 60 65 70 75 80																	
	8	*10	*15	*20	*25	*30	*35	*40	*45	*50	*55	*60	*65	*70	*75	*80	85	90	95	100	110	120				
	SMSB (Stainless steel)	10	*10	*15	*20	*25	*30	*35	*40	*45	*50	*55	*60	*65	*70	*75										
		12	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100					
		13	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100					
16		10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	110	120	130	140	150	
20		40	50	60	70	80	90	100																		

Order **Catalog No.** — **L**
MSB 10 — **50**

Delivery **SGP Stock** **5** Days

Volume discount rate
Quantity 1~19 20~49 50~199 200~500
Rate — 5% 10% 15%

Alteration **Catalog No.** — **L(LC)** — **(FC)**
MSB 10 — **LC50.1** — **FC10.5** ※SMSB:Not applicable

Alteration	Code	Spec.	Price
	LC	Changes dimension L (Cutting) Full length tolerance LC: ±0.05 Lmin ≤ LC ≤ Lmax 0.1mm increments Ⓢ This alteration does not change the dimension F. For the alteration of dimension F, apply FC below.	D 4~10 D12~16 D20
	FC	Changes dimension F M ≤ FC ≤ M × 3 0.5mm increments Ⓢ When D = 4, 3 ≤ FC ≤ 7.5 Ⓢ FC is applicable when LC is specified.	FC < F FC > F

RoHS **MSRB**
(Spacers for MSB)

t	□
0.1	±0.020
0.2	±0.020
0.3	±0.030
0.5	±0.030
1.0	±0.040
2.0	±0.090

D	d	Catalog No.	t	U/Price			
				Q'ty:1~49	50~99	100~499	500~1000
6.5	4	*4					
7	4.5	4.5					
8	5	*5	0.1				
9	5.5	5.5	0.2				
9	6	*6	0.3				
10	6.5	6.5	0.5				
13	8	8	1.0				
16	10	*10	2.0				
17	12	*12					
18	13	13					
24	16	16					
27	20	20					

Order **Catalog No.** — **t**
MSRB 10 — **0.1**

Delivery **3** Days

Ⓢ For area out of Singapore please refer to P.i.
Stocks Availability Subjected to Prior Sales.

RoHS

—Standard type length 1m—
FGSM (W width = 12.7mm)
FGSMW (W width = 45.0mm)

—Long type length 5m—
FGSML (W width = 12.7mm)

Type	W
FGSM · FGSML	12.7
FGSMW	45.0

Ⓢ T=0.005/0.015 SUS304H
T=0.01~0.5 SK material
Ⓢ T=0.01~0.5 45~52HRC

Standard type (Length 1m)

L	Catalog No. Type	T (Thickness)	□	U/Price Q'ty:1~5	
				FGSM	FGSMW
1m	FGSM (W=12.7mm)	0.005	±0.0005		
		0.01			
		0.015	±0.003		
		0.02			
		0.03			
		0.04			
		0.05			
		0.06			
		0.07	±0.005		
		0.08			
	0.09				
	0.1				
	0.15				
	0.2				
	0.25				
	0.3				
	0.35	±0.015			
	0.4				
	0.45				
	0.5				

Long type (Length 5m)

L	Catalog No. Type	T (Thickness)	□	U/Price
				Q'ty:1~5
5m	FGSML (W=12.7mm)	0.005	±0.0005	
		0.01		
		0.015	±0.003	
		0.02		
		0.03		
		0.04		
		0.05		
		0.06		
		0.07	±0.005	
		0.08		
		0.09		
		0.1		
0.15				
0.2	±0.015			

Ⓢ Long type is economical about 1m.

Order **Catalog No.**
FGSM 0.01
FGSML 0.1

Delivery **SGP Stock**

Ⓢ For area out of Singapore please refer to P.i.

Volume discount rate

Quantity	1~5	6~10	11~20	21~30
Rate	—	5%	10%	15%