

SCREW PLUGS



Printed in Red

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

Ⓜ M2.5~M10 are Coarse thread, while M12~M45 (Pitch 1.5) are fine thread.

RoHS

MSW
MSWS (Short type)

Ⓜ SCM435 (M2.5~10)
S45C (M12~45)

MSWS S45C

Ⓜ 34~43HRC

Ⓢ Black Oxide
(Class 2 JIS B 0207)

MSWA (Through hole type)
MSWAS (Through hole, short type)

Ⓜ S45C

Ⓜ 34~43HRC

Ⓢ Black Oxide
(Class 2 JIS B 0205)

MSWZ (Seat type)
MSWZS (Seat type, short)

Close-up of Head section

Ⓜ S45C

Ⓜ 33~38HRC

Ⓢ Black Oxide
(Class 2 JIS B 0205)

Standard type

M×P	L	B	t	Catalog No. Type	M	U/Price
						1~299 300~499 500~999 1000~2000
2.5	0.45	3	1.3	MSW	2.5	Quotation
3	0.5	3	1.5		3*	
4	0.7	4	2		4*	
5	0.8	5	2.5		5*	
6	1.0	6	3		6	
8	1.25	8	4		8	
10	1.5	10	5		10	
12	1.5 (Fine thread)	10	6		12	
14					14	
16					16	
18				18		
20				20		
22				22		
24				24		
25				25		
26				26		
27				27		
28	1.5 (Fine thread)	12	8	28		
30				30		
33				33		
36				36		
38				38		
40				40		
42				42		
45				45		

* The tips of MSW 3, 4 and 5 are the "cup points". (Right page)

M×P	L	B	t	Catalog No. Type	M	U/Price
						1~299 300~499 500~999 1000~2000
8	1.25	8	4	MSWA	8	Quotation
10	1.5	10	5		10	
12	1.5 (Fine thread)	10	6		12	
14					14	
16					16	
18					18	
20					20	
22					22	
24					24	
25					25	
26				26		
27				27		
28	1.5 (Fine thread)	12	8	28		
30				30		
33				33		

M×P	L	B	H	t	C	Catalog No. Type	M	U/Price
								1~99 100~199 200~299 300~500
6	1.0	8	3	9	MSWZ	6	Quotation	
8	1.25	10	4	11		8		
10	1.5	12	5	13		10		
12	1.5 (Fine thread)	12	6	15		12		
14						14		
16						16		
18						18		
20						20		
22						22		
24						24		
25					25			
26					26			
27					27			
28	1.5 (Fine thread)	14	8	17	28			
30					30			
31					31			
33					33			

Short full length type

M×P	L	B	t	Catalog No. Type	M-L	U/Price
						1~299 300~499 500~999 1000~2000
8	1.25	4	4	MSWS	8-6	Quotation
10	1.5	5	5		10-6	
12	1.5 (Fine thread)	6	6		12-6	
14					14-6	
16					16-6	
18					18-6	
20					20-8	
22					22-8	
24					24-8	
25					25-8	
26				26-8		
27				27-8		
28	1.5 (Fine thread)	8	14	28-8		
30				30-8		
33				33-8		

M×P	L	B	t	Catalog No. Type	M-L	U/Price
						1~299 300~499 500~999 1000~2000
8	1.25	4	4	MSWAS	8-6	Quotation
10	1.5	5	5		10-6	
12	1.5 (Fine thread)	6	6		12-6	
14					14-6	
16					16-6	
18					18-6	
20					20-8	
22					22-8	
24					24-8	
25					25-8	
26				26-8		
27				27-8		
28	1.5 (Fine thread)	8	14	28-8		
30				30-8		
33				33-8		

M×P	L	B	H	t	C	Catalog No. Type	M-L	U/Price
								1~99 100~199 200~299 300~500
10	1.5	5	13	4	MSWZS	10-10	Quotation	
12	1.5 (Fine thread)	6	15	17		12-10		
14						14-10		
16						16-10		
18						18-10		
20						20-10		
22						22-10		
24						24-10		
25						25-10		
26						26-10		
27					27-10			
28	1.5 (Fine thread)	8	19	21	28-10			
30					30-12			
33					33-12			

Ⓜ Compared with the standard type (MSW/MSWA/MSWZ), the short type screw plugs naturally have less threads. Before use, check the load that applies to the screw plug and the material of the plate to be tapped.

Order

Catalog No.

MSW 18
MSWS18-6

• MSWZ

Other Product

SGP Stock

3 Days

Right page

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

SCREW PLUGS

— JIS TYPE/LONG TYPE/TAPERED TYPE —



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

Ⓜ The ℓ dimension is the minimum dimension. This may be longer depending on the lot.

RoHS

MSWJ (JIS type)

Ⓜ SCM435

Ⓢ 32~42HRC

MSWC (Long type)

Ⓜ S45C

Ⓢ 32~42HRC

M×Pitch	ℓ	K	B	Catalog No. Type	M	U/Price
						1~99 100~199 200~299 300~500
M3X0.5	1.5	1.5	1.5	MSWJ	3	Quotation
M4X0.7	2	2	2		4	
					5	
					6	
M5X0.8	2.5	2.5	2.5		5	
					8	
					10	
M6X1.0	3	3	3		6	
					10	
					15	
M8X1.25	4	5	4	8		
				12		
				15		
M10X1.5	4	6	5	10		
				15		
				20		
M12X1.75	5	8	6	12		
				20		
				25		

M×Pitch	L	B	ℓ	Catalog No. Type	M	U/Price
						1~49 50~99 100~199 200~300
M 6X1.0	30	3	3	MSWC	6	Quotation
M 8X1.25					8	
M10X1.5					10	
M12X1.75					12	
M14X2.0					14	
M16X2.0	35	8	8	16		
				18		
				20		
M20X2.5	10	10	22			
M22X2.5	12	12	24			
M24X3.0	14	14	27			
M30X3.5	17	17	30			

Order

Catalog No.

MSWJ10 — **15**

• Printed in Red • Printed in Blue

SGP Stock

3 Days

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

RoHS

MSWT (Tapered type)
MSWTS (Stainless, tapered type)

Ⓜ SCM435

Ⓢ 32~42HRC

Ⓢ Black Oxide

MSWTS Ⓜ SUSXM7

Thread part: JIS B 0203 tapered thread R (PT) for tubing

* However, the thread part of MSWT No.S is ANSI B2.2 tapered thread (NPT) for American tubing.

D	a	No. of threads	Pitch	L	B	R (PT)	Catalog No. Type	No.	MSWT U/Price	MSWTS U/Price
									1~99 100~199	1~99 100~199
7.723	0.45	28	0.91	6	4	1/16	MSWT	*J	Quotation	—
7.779	0.47	27	0.94	6.4	4	1/16		*S		
9.728	0.45	28	0.91	7	5	1/8		1		
13.157	0.7	19	1.34	8.9	6	1/4	MSWT	2	Quotation	—
16.662				10	8	3/8		3		
20.955				12	10	1/2		4		
26.441	0.9	14	1.81	14	14	3/4	MSWTS	6	Quotation	—
33.249				11	2.31	16.5		17		

Ⓜ No. of threads per 25.4 mm. * MSWT No. S is ANSI thread; MSWT No. J is JIS thread.

Order

Catalog No.

MSWT J
MSWT 4

Delivery

3 Days

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

MSW

- Adjustment of fixing position is easy.

Through hole type

- It can be fixed in combination with MSW as a double nut.

Short type

- Short L dimension enables use in small space.
- Plate material to process tap hole and load on screw plug are to be concerned because the amount of threading on the screw is small.

Countersunk type

- Seat section gives loosening prevention effect.
- Chamfering depth W prevents over-tightening of the spring.

Ⓜ Note that the tips of MSW 3, 4 and 5 are the "cup points".