

WASHERS / SPACERS

Ⓜ Non JIS material definition is listed on P.1351 - 1352

RoHS MSRB

t	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

M SK5

D	d	Part Number	t	U/Price	Slide Unit Price
				1~49	50~99
6.5	4	MSRB	4*	Quotation	
7	4.5		4.5*		
8	5		5*		
9	5.5		5.5*		
9	6		6*		
10	6.5		6.5*		
13	8		8		
16	10		10		
17	12		12*		
18	13		13		
24	16		16		
27	20	20			

* t=2.0 is not available for d4/5/6/12.

RoHS LRB

t	t
0.1	±0.020
0.2	±0.020
0.3	±0.030
0.5	±0.030
1.0	±0.040

M SK5

D	d	Part Number	t	U/Price	Slide Unit Price
				1~49	50~99
6	4	LRB	4	Quotation	
7	5		5		
8	6		6		
10	8		8		
13	10		10		
16	13		13		
19	16		16		
23	20		20		

RoHS T · R

M S45C
H 48~52HRC

D	d	Part Number	U/Price	Slide Unit Price		
			1~49	50~199/200~499/500~1000		
11.5	4	T	6.5	Quotation		
13	5		8			
15	6		10			
18	8		13			
21	10		16			
23	12		20			
16	4		R		6.5-16	Quotation
18	4				6.5-18	
18	5				8-18	
20	5				8-20	
22	5				8-22	
20	6	10-20				
22	6	10-22				
25	6	10-25				
27	6	10-27				
25	8	13-25				
27	8	13-27				
30	8	13-30				
30	10	16-30				
35	10	16-35				
40	10	16-40				
35	12	20-35				
40	12	20-40				

RoHS K · W

d	t
K +0.3	±0.005
K +0.1	±0.005
W +0.2	±0.01
W +0.1	±0.01

M S45C
H 48~52HRC

D	d	Part Number	U/Price	Slide Unit Price		
			1~49	50~199/200~499/500~1000		
10	6	K	10	Quotation		
13	8		13			
16	10		16			
20	12		20			
8	5		W		10	Quotation
11	6				13	
14	8	16				
17	10	20				

RoHS SRW

M SS400

D	d	t	Part Number	U/Price	Slide Unit Price	
				1~49	50~199/200~499/500~1000	
12	5.3	3	SRW	Quotation		
15						8
19						10
19	6.4	4	SRW	Quotation		
22						13
26						16
30	8.4	5	SRW	Quotation		
						20

RoHS SPW

M S45C

D	Part Number	d	U/Price	Slide Unit Price
			1~49	50~199/200~499/500~1000
13	SPW	4.5	Quotation	
		5.5		
		6.5		
16		6.5		
		8.5		
20	8.5			
	10.5			
25	10.5			
	12.5			

Order

- MSRB · LRB Part Number — t
MSRB10 — 0.1
- T · R · K · W Part Number
SRW T10
R16~30
- SPW Part Number — d
SPW13 — 5.5

RoHS SPWG (Segmental type)

M S45C

D	K	Part Number	d	U/Price	Slide Unit Price
				1~49	50~199/200~499/500~1000
13	5	SPWG	13	5.5	Quotation
16	6		16	6.5	
20	7		20	10.5	
25	8		25	12.5	

RoHS STR

M S45C
H 46~50HRC

D	d	t	Part Number	U/Price	Slide Unit Price	
				1~49	50~199/200~499/500~1000	
16	5.5	3.0	STR	Quotation		
20	6.5	3.5				16
25	8.5	4.5				20

RoHS SW

M S45C
H 48~52HRC

D	d	t	Part Number	U/Price	Slide Unit Price	
				1~19	20~49/50~99/100~200	
10	4.5	3	SW	Quotation		
12	5.5					10
12	6					12
16	6.5	4	SW	Quotation		
20	8					16
22	10	5	SW	Quotation		
25	12					20
25	12					22
27	13	8	SW	Quotation		
30	16					25
35	16					25-12
40	20	27	30	35	40	
50	20	10	35	40	50	

RoHS SSWA

M SS400

d	Applicable springs	Part Number	t	U/Price for 1~19
		Type	D	t=1.0 t=2.0 t=3.0 t=4.0 t=5.0
3.0	6	SSWA	5	Quotation
5.0	8		7	
6.0	10		9	
7.0	12		11.5	
8.0	14		13	
9.0	16		15	
10.0	18		17	
12.0	20		19	
12.0	22		21	
14.5	25		24	
15.0	27		26	
17.0	30	29		
20.0	35	34		
23.0	40	39		

RoHS USR

M S45C
H 20~25HRC

D	Part Number	d	U/Price	Slide Unit Price
		Type	1~19	20~49/50~99/100~200
22	USR	10	Quotation	
27		13		
32		16		
37		20		
44		25		
54		32		
64		38		
74		45		

RoHS SBW

M S45C
H 48~52HRC

t	Part Number	D	d	U/Price	Slide Unit Price
			1~49/50~199/200~500		
5	SBW	20	5	Quotation	
		22	5		
		25	6		
7		27	5		
		30	6		
	35	8			

Order

- STR Part Number
SW 22
USR13
- SSWA Part Number — t
SSWA24 — 3.0
- SPWG Part Number — d
SBW27 — 8

Days to Ship Quotation Price Quotation

Boles
Screws
Washers