

Hex Socket Set Screws

Cup Point/Flat End/Cone Point (Available in Single item)

MSSF, MSSFS, MSSK and MSSU can be ordered in cost-saving boxes. P209, 210

Type	Material	Hardness	Surface Treatment
MSSK	SCM435	45HRC~	Black Oxide
MSSF	Equivalent		
MSST	Equivalent		
MSSU	SUS304		
MSSFs	Equivalent		
MSSTs	Equivalent		

MxP (Coarse)	B	C (Min.)	d (Max.)		
			Flat End	Cone Point	Cup Point
2x0.4	0.9	0.8	1	0.8	1
2.6x0.45	1.3	1.2	1.5	1.2	1.2
3x0.5	1.5	1.2	2	0.75	1.4
4x0.7	2	1.5	2.5	1	2
5x0.8	2.5	2	3.5	1.25	2.5
6x1.0	3	2	4	1.5	3
8x1.25	4	3	5.5	2	5
10x1.5	5	4	7	2.5	6
12x1.75	6	4.8	8.5	3	8

* For MSST/MSSTS (Cone Point), M=L and the specifications in the below table are 60°.

M-L	
2-3	3-4
4-5	5-6

Part Number	MSSK (Cup Point)		MSSF (Flat End)		MSST (Cone Point)		MSSU (Cup Point)		MSSFs (Flat End)		MSSTs (Cone Point)			
	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate		
Type	M	L	1 - 9 pc(s)	10 - 199 pcs	200 - 500 pcs	1 - 9 pc(s)	10 - 199 pcs	200 - 500 pcs	1 - 9 pc(s)	10 - 199 pcs	200 - 500 pcs	1 - 9 pc(s)	10 - 199 pcs	200 - 500 pcs
2 -	2	2												
2.6 -	3	3												
3 -	2.5	2.5												
4 -	3	3												
5 -	4	4												
6 -	5	5												
8 -	6	6												
10 -	8	8												
12 -	10	10												
15 -	12	12												
16 -	15	15												
20 -	20	20												
25 -	25	25												
30 -	30	30												

MSSK
MSSF
MSST
(Stainless Steel)
MSSU
MSSFs
MSSTs

Note that, for some of the types shown here, order might be unable to be received by the MISUMI Malaysia, Indonesia and/or India offices.

Hex Socket Set Screws / Hex Socket Cap Screws / Crush Pads

Soft Tips / Head Cap Screws

Type	Thread's Material	Surface Treatment	Pad Material
SBPP	SCM435	Black Oxide	Polyacetal (White)
SBPPS	SCM435	Black Oxide	Free-cutting Brass (C3604BD)
SBCP	SCM435	Black Oxide	Urethane (Shore A70, Black)
SBPPS	SUS304 Equivalent		Polyacetal (White)
SBCPS	SUS304 Equivalent		Free-cutting Brass (C3604BD)
SBCTS	SUS304 Equivalent		Urethane (Shore A70, Black)

Part Number	Type	M (Coarse)	L										S	d	B	C (Min.)				
			Ⓢ Dimensions in () are only applicable to SBPP and SBCP.																	
SBPP	SBCP	3	5	6	8	10	12	16	20			0.5	1.5	1.5	2.0					
SBPPS	SBCPS	4	6	8	10	12	16	20			1	2	2	2.5						
SBPP	SBCP	5		8	10	12	16	20	25		1	3	2.5	3.0						
SBPPS	SBCPS	6		8	10	12	16	20	25	30	40	50	1	4	3	3.5				
		8			10	12	16	20	25	30	40	50 (60)	2	6	4	5.0				
SBCT		10								12	16	20	25	30	40	50 (60) (80)	2	8	5	6.0
SBCTS		12											2	10	6	8.0	2	10	6	8.0

M (Coarse)	Unit Price					
	SBPP	SBCP	SBCT	SBPPS	SBCPS	SBCTS
3						
4						
5						
6						
8						
10						
12						

Ordering Example
Part Number - L
SBPP10 - 50

Type	Material Thread	Surface Treatment	Material Pad
CBPP	SCM435	Black Oxide	Polyacetal (White)
CBPPS	SCM435	Black Oxide	Free-cutting Brass (C3604BD)
CBP	SUS304 Equivalent		Polyacetal (White)
CBPS	SUS304 Equivalent		Free-cutting Brass (C3604BD)

Part Number	Type	M (Coarse)	L	A	E	S	d	B	(e)	CBPP		CBP		CBPPS		CBPS		
										Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate	
CBPP	(Plastic Pad)	3	10 15 20	5.5	3	0.5	1.5	2.5	0.5	1	99 pc(s)	100 - 500 pcs	1	99 pc(s)	100 - 500 pcs	1	99 pc(s)	100 - 500 pcs
CBPPS		4	10 15 20	7	4	1	2	3	0.6									
CBP	(Brass Pad)	5	15 20 30	8.5	5	1	3	4	0.6									
CBPS		6	15 20 30	10	6	1	4	5	0.7									
		8	20 30 40	13	8	2	6	6	1.0									

SEPN SEPNS (Thin)
(50 pcs. per Pkg.)
PACK-SEPN
PACK-SEPNS

Ⓢ Material: C3604BD

Part Number	Type	Applicable M	d	t	C	PACK-SEPN, PACK-SEPNS	
						Unit Price 1 to 100 (Single item)	Volume Discount Rate
SEPN		*3	2.2	2.0	0.5	1	3 pkg(s)
SEPNS		*4	3.0	2.5	0.5	1	3 pkg(s)
PACK-SEPN	(50 pcs. per Pkg.)	*5	3.9	3.0	0.5	1	3 pkg(s)
PACK-SEPNS	(50 pcs. per Pkg.)	*6	4.7	3.5	1.0	1	3 pkg(s)
		8	6.4	4.5	-	1	3 pkg(s)
		10	8.2	5.5	-	1	3 pkg(s)
		12	9.9	6.5	-	1	3 pkg(s)

Ⓢ SEPNs is available only in M3 through M6. * For SEPNS, C<0.1 Ⓢ PACK-SEPNs is available only in M3 through M6.
Ⓢ When placing an order for PACK-SEPN or PACK-SEPNS, please specify number of packages. 1 package to be delivered includes 50 pieces.

Ordering Example
Part Number
CBPP3-10
SEPNS
PACK-SEPNS4

Example
Use it for shaft fixing.

Example
Use this set piece to prevent set screw from damaging the mating material.

Ordering Example
Part Number
MSSF5 -10