

Lifting Eyebolts / Wing Hinge Screws

Wing Screws / Wing Nuts / Button Head Cap Screws / Special Tools

Lifting Eyebolts

Screw Precision JIS1168

CHIC
 Material: EN 1.0038 Equiv.
 Surface Treatment: Trivalent Chromate Plating
 Accessory: Nut 1 pc.

SCHI
 Material: EN 1.4301 Equiv. (Electrolytic Polishing)
 Accessory: Nut 1 pc. (EN 1.4301 Equiv.)

RoHS

Part Number		MxP	a	b	C	D	H	l	e	g	R	da	Nuts		A Type	B Type	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
Type	M												B	T	N/1P(kgf/1P)	N/2P(kgf/2P)	1 ~ 19 pc(s)	20 ~ 200 pcs	1 ~ 19 pc(s)	20 ~ 200 pcs
8	8	8x1.25	32.6	20	6.3	16	33.3	15	3	6	1	9.2	13	6.5	785(80)	785(80)				
10	10	10x1.5	41	25	8	20	41.5	18	4	7.7	1.2	11.2	17	8	1471(150)	1471(150)				
12	12	12x1.75	50	30	10	25	51	22	5	9.4	1.4	14.2	19	10	2157(220)	2157(220)				
16	16	16x2.0	60	35	12.5	30	60	27	5	13	1.6	18.2	24	13	4413(450)	4413(450)				
20	20	20x2.5	72	40	16	35	71	30	6	16.4	2	22.4	30	16	6178(630)	6178(630)				

Ordering Example
 Part Number

Caution

Bad Example: Avoid the applications shown below.

When using a pair of eye bolts for lifting, mount them in alignment as shown.

Horizontal Lifting

Vertical Lifting Using a Single Rope for Two Eye Bolts

Wing Hinge Screws

DNDN

Material: EN 1.4301 Equiv.

RoHS

Part Number		L	D	B	M	F	Unit Price	Volume Discount Rate
Type	P						1 ~ 9 pc(s)	10 ~ 50 pcs.
DNDN	6	30	12	6	6	22		
		50						
	8	30	16	8	8	20		
		60						
	10	50	20	10	10	30		
		70						
12	50	24	12	12	30			
	100							
16	50	32	16	16	30			
	100							

ex Example

Wing Hinge Screw

Ordering Example
 Part Number - L
 DNDN6 - 30

Wing Screws / Wing Nuts

Wing Screws

Type	Material	Surface Treatment
CHOB	SS Cold Forging	Trivalent Chromate
CHBS	EN 1.4301 Equiv.	-

Wing Nuts

Type	Material	Surface Treatment
CHON	SS Cold Forging	Trivalent Chromate
CHNS	EN 1.4301 Equiv.	-

Wing Screws Class 2

MxP	A (Min.)	B	C (Min.)	D	H
3x0.5	6.5	4	3	17	9
4x0.7	8	6	4	21	11
5x0.8	8	6	4	21	11
6x1.0	10	7	4.5	27	13
8x1.25	13	10	6	31	16
10x1.5	16	12	7.5	36	18

Wing Nuts Class 2

MxP	A (Min.)	B	C (Min.)	D	H
3x0.5	7.5	4	3	17	9
4x0.7	8	6	4	21	11
5x0.8	8	6	4	21	11
6x1.0	10	7	4.5	27	13
8x1.25	13	10	6	31	16
10x1.5	16	12	7.5	36	18
12x1.75	20	16	9	48	23

RoHS

Wing Screws

Part Number	CHOB		CHBS	
	Unit Price	Volume Discount Rate	Unit Price	Volume Discount Rate
Type M - L	1 ~ 19 pc(s)	20 ~ 49 pcs	50 ~ 99 pcs	100 ~ 500 pcs
3 - 6				
4 - 8				
5 - 8				
6 - 10				
8 - 12				
10 - 20				

Wing Nuts

Part Number		Unit Price	Volume Discount Rate
Type	M	1 ~ 19 pc(s)	200 ~ 500 pcs.
CHON	3		
	4		
	5		
	6		
	8		
	10		
CHNS (Stainless Steel)	3		
	4		
	5		
	6		
	8		
	12		

Ordering Example
 Part Number
 CHOB6-12
 CHON4

Tamper Proof Button Head Cap Screws

IBNP

Protruding pin in the socket is 0 ~ 0.5mm below the top of screw head.

Material: EN 1.4301 Equiv.

RoHS

MxP (Coarse)	A	E	B	b	(C) (Min.)	d (Max.)	(e) (Max.)
3x0.5	5.7	1.65	2	1.0	1.04	3.6	1
4x0.7	7.6	2.2	2.5	1.1	1.3	4.7	1.4
5x0.8	9.5	2.75	3	1.3	1.56	5.7	1.6
6x1.0	10.5	3.3	4	1.6	2.08	6.8	2
8x1.25	14	4.4	5	2	2.6	9.2	2.5

Part Number	Unit Price	Volume Discount Rate	Part Number	Unit Price	Volume Discount Rate		
Type	M-L	1 ~ 99 pc(s)	100 ~ 200 pcs.	Type	M-L	1 ~ 99 pc(s)	100 ~ 200 pcs.
3-6				6-10			
12				16			
10				20			
12				25			
16				30			
4-8				40			
8				50			
10				8-10			
12				12			
16				16			
20				20			
25				25			
30				30			
5-10				35			
12				40			
16				45			
20				50			

Dedicated Wrenches

IBKPL

Material: Tool Steel Alloy
 Hardness: 43 ~ 50HRC
 Surface Treatment: Trivalent Chromate Plating

RoHS

Part Number	No.	Applicable Screw	L	l	d	B	Unit Price	Volume Discount Rate
Type							1 ~ 9 pc(s)	10 ~ 30 pcs.
IBKPL	3	M3	52	16	1.2	2		
	4	M4	58.5	20.5	1.3	2.5		
	5	M5	66	23	1.5	3		
	6	M6	74	29	1.8	4		
8	M8	85	33	2.3	5			

Ordering Example
 Part Number
 IBNP3-6
 IBKPL3