

Free Guide Arms / Flexible Arms

Fixed Arms

■Features: By turning each of 3 movable sections freely and then fixing the dial, all movable sections can be fixed simultaneously.

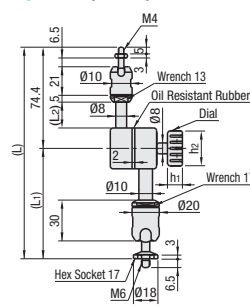
For Magnetic Base Set P2034

Free Guide Arms

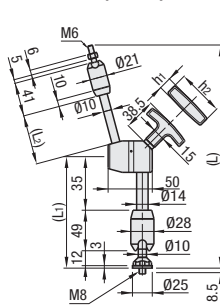


RoHS10

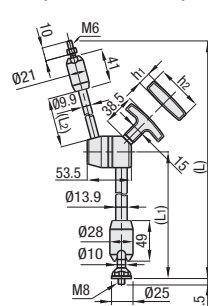
FRXGA (No.50)



(No.80)



(No.100, No.200)



Main Body
Material: SUM22
Surface Treatment: Electroless Nickel Plating

Part Number		(L)	(L1)	(L2)	h1	h2	M (Coarse)	Weight (g)	Allowable Load (N) (Ref.)	Unit Price	Volume Discount Rate
Type	No.									1 ~ 4 pc(s)	5 ~ 10 pcs.
FRXGA	50	155.5	81.1	19	11	26	M6	300	15		
	80	195	99	17.6	17	68		700	30		
	100	272	145	62	15	56	M8	800	24.5		
	200	432	228	142	17	68		950	17.6		

Use a washer when using with a magnet base. For sets, P1754

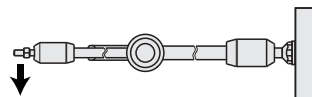
For orders larger than indicated quantity, please check with WOS.



Part Number
Example
FRXGA100

Allowable Load (N) (Ref.)

Supportable Loads are obtained by the arms horizontally held, and the loads placed. (Not guaranteed value)



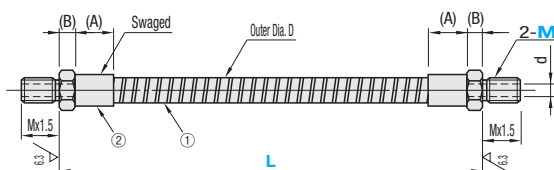
■Features: The arms can be adjusted with small forces. Suitable for mounting light objects such as lenses, lights, and sensors.

Flexible Arms



RoHS10

FXGA



Material: ①Flexible Tube: Hard Steel Wire / Soft Steel Wire ②Crimped Part/Thread Part: C3604
Surface Treatment: Chrome Plating

M6 Screw is thin below the head. Handle with care when tightening.

Part Number		L Selection	d	(A)	(B)	D	W	Min. Bending Radius	Unit Price		
Type	M (Coarse)								L100	L200	L300
FXGA	6	100 200 300	3	10		6	10	40			
	8		4	12	5	8	13	45	-		
	10	200 300	5	15		10	17	50	-		



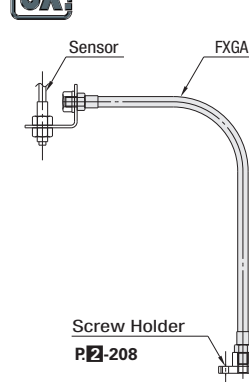
Part Number - L
Example
FXGA6 - 100

Allowable Load (Ref.)

Supportable Loads are obtained by the Flexible Arm horizontally held, and the loads placed. (Not guaranteed value)

Allowable Load (Ref.) Unit (g)

M	L	100	200	300
6		200	120	50
8		-	150	80
10		-	250	130



Free Angle Arms

Screw Fastened, Wing Screw Fastened / Holders / Bases

■Features: Each joint can be angle adjusted freely, and number of joints (Units) can be specified as required.

Screw Tightened



Wing Screw Tightened



RoHS10

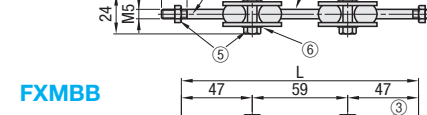
Part Number		Screw Tightened		Wing Screw Tightened		Material	Surface Treatment	Part Number	Material	Note	
Both Ends Threaded	End Holders	One End Threaded One End Holder	Both Ends Threaded	End Holders	One End Threaded One End Holder					Screw Tightened	Wing Screw Tightened
FXMAA	FXMBA	FXMAB	FXCAA	FXCBB	FXCAB	SUS304	Black Chrome Plating	①	SUS304	Sphere Dia. Ø12	Sphere Dia. Ø12
FXMBA	-	FXMBAB	FXCBAA	-	FXCBAB			②		M5x20	M6x20
								③		SLBNR5	SLBNR5
								④		Spring Washer	Spring Washer
								⑤		Press Formed Product	Press Formed Product
								⑥			
								⑦			

Screw Tightened

FXMAA

FXMBA

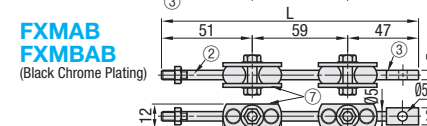
(Black Chrome Plating)



FXMBA

FXMBAB

(Black Chrome Plating)



All drawings are for 1 unit.

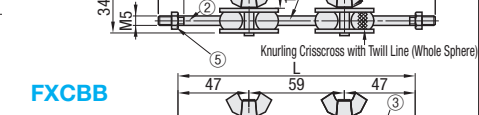
*As the number of units increases, the number of parts ① ④ ⑥ and ⑦ increases by one (See the unit count example below).

Wing Screw Tightened

FXCAA

FXCBA

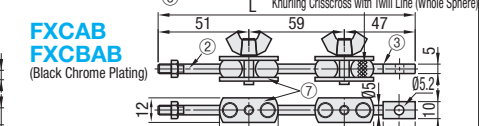
(Black Chrome Plating)



FXCBA

FXCBAB

(Black Chrome Plating)



All drawings are for 1 unit.

*As the number of units increases, the number of parts ① ④ ⑥ and ⑦ increases by one (See the unit count example below).

When the knurled screw is moved, it may generate particles.

Screw Tightened

Part Number	Number of Units	1	2	3	4	5	6	7	8	9
FXMAA	L Dimension	161	220	279	338	397	456	515	574	633
	Unit Price									
FXMBA	L Dimension	153	212	271	330	389	448	507	566	625
	Unit Price									
FXMAB	L Dimension	157	216	275	334	393	452	511	570	629
	Unit Price									

*For the price of Black Chrome Product, multiply unit price by 1.3.



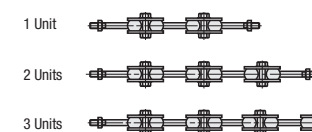
Part Number - Number of Units
Example
FXMAA - 5

Wing Screw Tightened

Part Number	Number of Units	1	2	3	4	5	6	7	8	9
FXCAA	L Dimension	161	220	279	338	397	456	515	574	633
	Unit Price									
FXCBA	L Dimension	153	212	271	330	389	448	507	566	625
	Unit Price									
FXCAB	L Dimension	157	216	275	334	393	452	511	570	629
	Unit Price									

*For the price of Black Chrome Product, multiply unit price by 1.3.

Unit Count Example



Allowable Load (Ref.) (N)

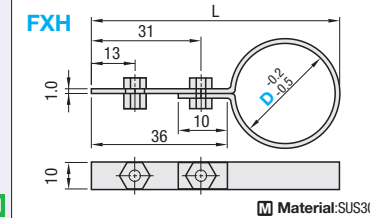
Surface Treatment	Fastener Type	
	Screw Tightened	Wing Screw Tightened
-	8.4	7.7
Black Chrome Plating	15.4	14

Retention force values when loaded with 1 arm unit is oriented as shown and screw tightened at 5.5Nm (5.0Nm for wing screw). (Not guaranteed values.)
After the 2nd unit, apply 0.7 coefficient to the allowable load per each additional unit.

Holders for Free Angle Arms



RoHS10



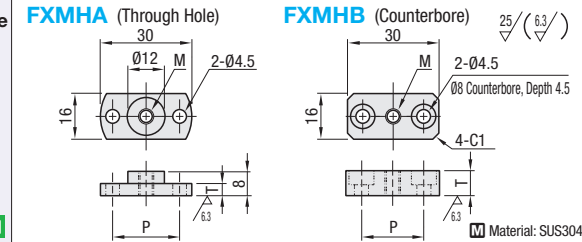
Part Number	Type	D	L	Accessory	Unit Price
FXH	12	50		Bolt	
	16	54			
	25	63		Nut	
	32	70			
	40	78			

Material: SUS304

Bases for Free Angle Arms



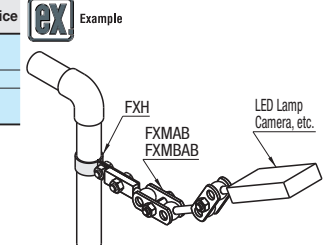
RoHS10



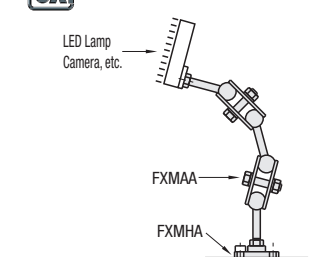
Part Number	M	T	P	Mass (g)	Unit Price
FXMHA	4	22	200		
FXMHB	8	20	280		



Part Number
Example
FXH25
FXMHA



This can be mounted on Holder section (Part No.3) without rotating. Can be freely mounted on cabinets, etc.



FXMAA
FXMHA