

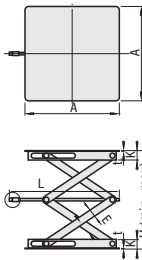
# Lifting Units

## Light Load

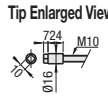
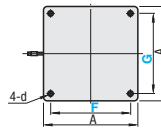


RoHS 10

### Standard JFCK JFCKB (Black)



### Hole Type JFCN JFCNB (Black)



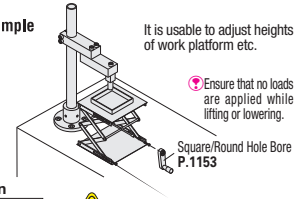
**Tip Enlarged View**

- Revolving Crank Handle with Square Bore MBCH (P.1153) can be attached on the end.
- JFCN and JFCNB have mounting holes 4-d on both top and bottom surfaces.

Type	Material	Surface Treatment
Standard JFCK	JFCN	Trivalent Chromate
Hole Type JFCKB	JFCNB	Paint (Black)



### Example



### Caution



- Do not allow people to ride on the lifting units. Vibration etc. may break the main body, resulting in injury.
- Apply load evenly on the top plate in a vertical direction.
- Do not apply excessive torque on the handle while the load is applied. Sudden torque application by using electric tools etc. may break the main body. Operate manually with a dedicated handle.
- Be sure to use within the stroke range.

Part Number	Hole Type JFCN, JFCNB				Stroke (H)	A	K	E	L	t	Static Allowable Load (kN)	Mass (g)	Unit Price 1 ~ 20 pcs.					
	Type	No.	1mm Increment										d	Standard		Hole Type		
			F	G										JFCK	JFCKB	JFCN	JFCNB	
Standard JFCK	15	30~100	30~60	4.5	95	247	150	26.6	177	1.6	0.49	2220						
JFCKB (Black)	20	30~150	30~100		106	334	200						19	227				
Hole Type JFCN	25	30~200	30~150		128	432	250						32.3	276	2.3			



### Ordering Example

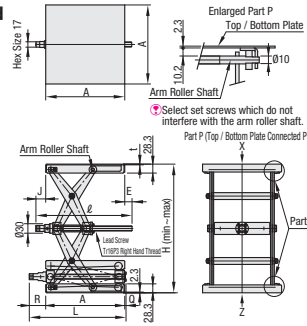
Part Number - F - G  
**JFCK20** - 188 - 140  
**JFCNB25**

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

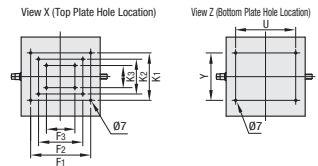
## Medium Load



### Standard JFMK



### Hole Type JFMN



① Main Body		② Adjusting Bolt	
Material	Surface Treatment (Color)	Lead Screw	Nut
SS400	Powder Paint (Light Gray)	S45C	Brass

JFMK does not have mounting holes on either top or bottom plate.

Part Number	Body Color	Stroke H	Hole Type JFMN										A	L	t	R	Q	J	E	l	Static Allowable Load (kN)	Dynamic Allowable Load (kN)	Mass (g)	Unit Price 1 ~ 20 pcs.	
			Top Plate Hole Location					Bottom Plate Hole Location																Standard	Hole Type
			min	max	F1	F2	F3	K1	K2	K3	d1	U												Y	d2
JFMK (Standard)	20	G	102	327	140	100	60	110	80	50	140	110	7	200	270	58	42	12	24	266	1.5	1.0	8000		
JFMN (Hole Type)	25		102	407	190	140	90	150	110	70	190	150	7	250	306	52	31	4	23	304			10000		
	30		125	495	240	180	120	170	130	90	240	170		300	357	50	24	7	30	354			15000		



### Ordering Example

Part Number - Color  
**JFMK20** - G  
**JFMN30** - G

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



### Alterations

Part Number - Color - (SET)  
**JFMK20** - G - SET

Alterations	Code	Spec.	Applicable
Dedicated Wrench	SET	<p>A dedicated wrench to turn the adjusting bolt of lifting units comes in a set.</p> <p>Material: Chromate, Mass: 190g</p>	JFMK JFMN

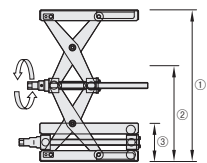
- Caution**
- Do not allow people to ride on the lifting units. It may cause serious accidents.
  - High speed rotational torque by electric tools will generate shock loads, which results in breakage.
  - Only vertical load is allowed. Apply load evenly on the top table and avoid eccentric loads.
  - Lift the table within the stroke range. Usage outside the range may cause breakage.
  - Further rotation of the handle outside the stroke range may break the thread, impairing ability to lift.



### Example

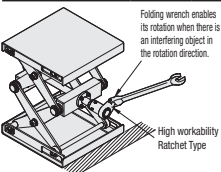
#### Rotational Torque of Dedicated Wrench

No.	Stroke H	Load	Rotational Torque N·m
20	① 327	100kgf	6
	② 214		9
	③ 102		15
25	① 407	100kgf	6
	② 254		9
	③ 102		15
30	① 495	100kgf	6
	② 310		9
	③ 125		15



#### Table Travel Amount per Handle Rotation

No.	Stroke H	Top Plate Lifted Amount	Error
20	① 297~327	4	±0.5
	② 195~235	8.5	±1.0
	③ 102~137	17	±1.0
25	① 377~407	4	±0.5
	② 235~275	8.5	±1.0
	③ 102~137	19	±1.0
30	① 465~495	4	±0.5
	② 290~330	8.5	±1.0
	③ 125~155	18	±1.0



Folding wrench enables its rotation when there is an interfering object in the rotation direction.

High workability Ratchet Type