

**ELEPHANT**

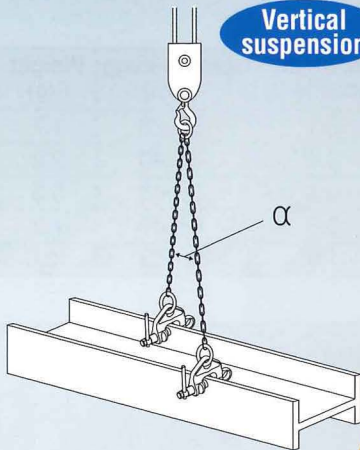
# SCREW CLAMP WF type



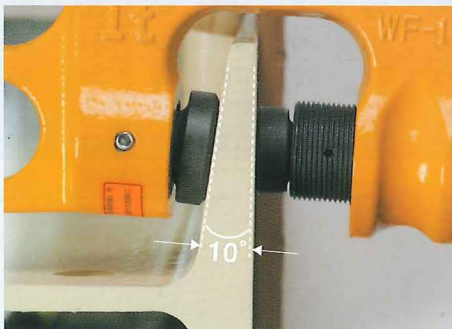
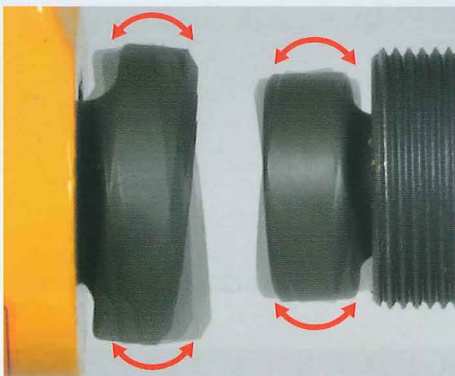
Multi-directional using

Double Cam Lock Screw Clamp

Special alloy steel body makes  
safety factor 8 times.



**Newly  
Improved**



***The lightest in the world!  
The original double cam lock  
enables grip tapered I-beams.  
(upto 10 degree)***



**ELEPHANT**

Specialized manufacturer of highest grade hoist chain

☪ B39 VH, VHC ☪ 39 DAT

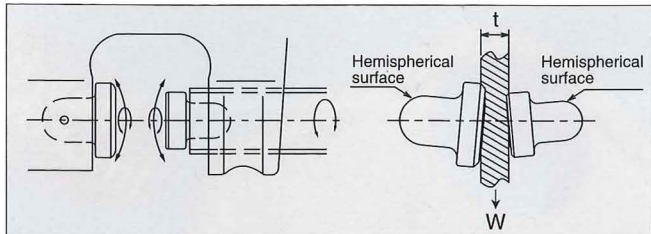
EPDFWF-2



# SCREW CLAMP Model WF

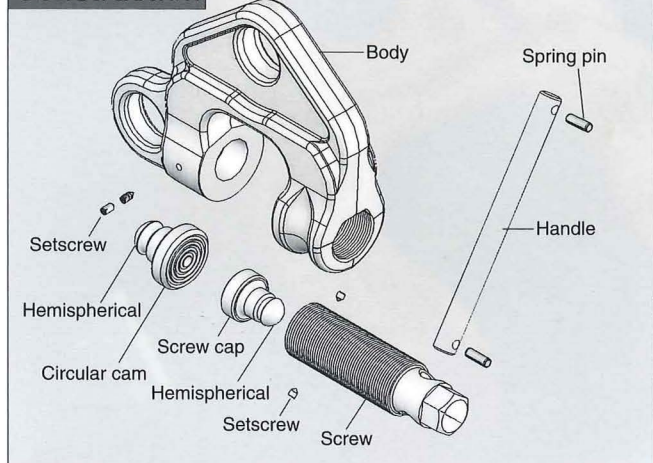
## Features

- **A circular double cam lock method is employed, resulting in a stronger clamping force and ensuring safe work.**  
The circular cams on both sides are supported by hemispherical surfaces, so they apply a clamping force to the suspended load while rotating according to the load direction.  
This ensures safe work without slippage occurring.



- **Two suspension holes enable work to be performed in all directions.**  
There are two suspension holes, one for vertical suspension and the other for horizontal suspension, enabling the load to be hoisted in either orientation.
- **This is the lightest clamp in the industry.**  
The body, cam and screw are formed from special alloy steel, and have excellent strength and toughness due to our unique heat treatment technology, thus enabling the clamp to be successfully miniaturized.
- **This clamp can be used to hoist inclined loads such as I-beams.**  
The gripping pieces enable the load to be hoisted while inclined at an angle of up to 10 degrees without slipping off.
- **The setscrew of the screw is a fine thread type.**  
Because the setscrew produces a high clamping force and does not readily become loose, the clamp is highly resistant to vibration. In addition, the head of the screw is hexagonal (21mm between flats), enabling it to be turned using a ratchet wrench.
- **The body is provided with a baked finish, and the circular cam and the screw are treated to prevent rusting.**

## Construction



## Dimensions(mm)

Model	A	B	C	D	E	F	G	H	I	J	φK	φL	M	N	O	φP	φQ	φR
WF-0.5	41	32	30.5	21	33	108	138	24	42	98	25	25	12	16	120	10	26	21
WF-1	53.5	38	42.5	25	40	132	172	30	50	118	30	30	16	20	120	12	34	26
WF-2	60	45	47.5	31	41	157	202	36	62	126	34	35	22	28	150	12	36	29
WF-3	65.5	52	51.5	35	44	170	230	42	70	139	35	42	28	33	160	12	40	36
WF-5	71	57	55.5	38	46	187	248	48	75	137	40	46	38	40	180	12	41	36

All specification herein are subject to change without notice

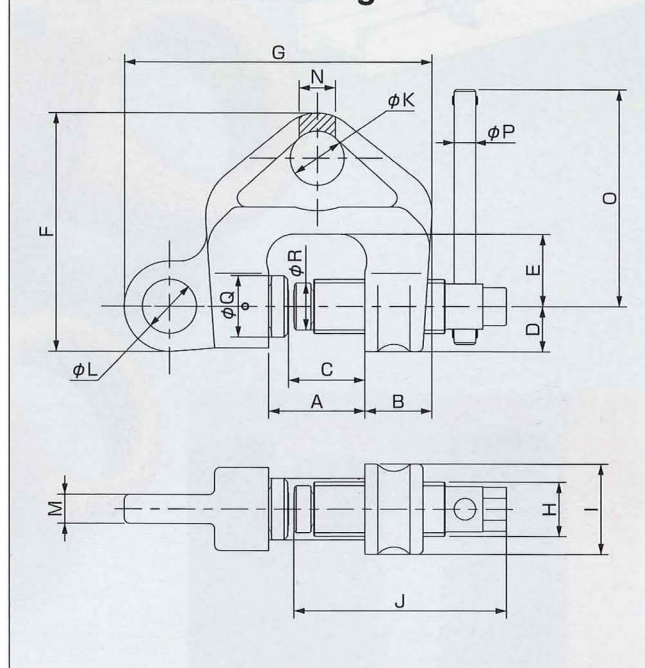
## Applications

- ① **Hoisting and conveying work**  
General steel materials including H-beams, I-beams, steel sheets, channels, angles and steel piles, and also steel framed beams, columns, welded structures, and other structures.
- ② **Lowering devices**  
Electric chain blocks, hoists, pulleys and other lowering devices.
- ③ **Dragging work**  
Dragging steel plates for spreading on the ground, dragging structures, and so on.

## Specifications

Model	Capacity (t)	Minimum capacity (t)	Jaw opening (mm)	Weight (kg)
WF-0.5	0.5	0.1	3~28	1.7
WF-1	1.0	0.2	3~40	2.9
WF-2	2.0	0.4	3~45	5.3
WF-3	3.0	0.6	6~49	7.2
WF-5	5.0	1.0	9~53	10.6

## Dimensional drawing



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