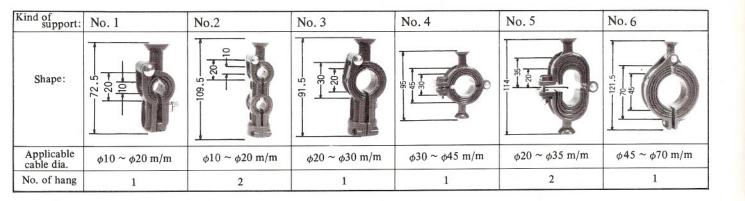


# Combination list of carrier with support;

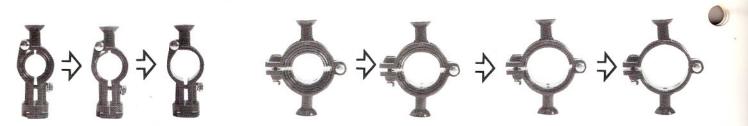
	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
Support  Applicable cable dia.				Þ		
Type No. No. of hang:	$\phi 10 \sim \phi 20 \text{ m/m}$	$\phi 10 \sim \phi 20 \text{ m/m}$	$\phi$ 20 ~ $\phi$ 30 m/m	φ30 ~ φ45 m/m	$\phi$ 20 ~ $\phi$ 35 m/m	$\phi$ 45 ~ $\phi$ 70 m/m
or currer	1	2	1	1	2	1
CK-0  For Messenger wire < 8 mmφ	CK-01	CK-02	CK-03			
CK-10  For Messenger wire < 16 mmφ	CK-11	CK-12	CK-13	CK-14	CK-15	CK-16
For I-Beam 75. 100 mm¢ in common Single roller	CK-101	CK-102	CK-103	CK-104	CK-105	CK-106
For I-Beam 125. 150 mm o in common Single roller	CK-201	CK-202	CK-203	CK-204	CK-205	CK-206
For I-Beam 75 mm \$\phi\$ Double roller	CK-251	CK-252	CK-253	CK-254	CK-255	CK-256
For I-Beam 100, 125 mm $\phi$ in common Double roller	CK-301	CK-302	CK-303	CK-304	CK-305	CK-306
For I-Beam 150. 175 mm of in common Double roller	CK-401	CK-402	CK-403	CK- 404	CK- 405	CK-406
CKA-500 For Al-rail	CKA-501	CKA-502	CKA-503	CKA-504	CKA-505	CKA-506
CKA-600	CKA-601		CKA-602		CKA-603	1
For Al-rail	4		4			I



#### Support

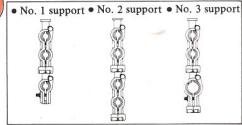


Adjust the support to cable dia removing the bushing as follow:

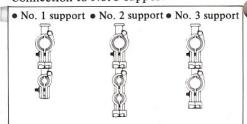


The supports No. 2 and No. 3 can be 2 stage hang of cable connecting a support as follows:

# Connection to No. 2 support:



Connection to No. 3 support:



Loosen the set screw and shift down wanted.

② Open the support.

③ Insert another support wanted to connect.

4 Clamp the support as it was.

5 Retight the set screw to com-plete the connection.

# Fixing cable:



1 Loosen the set screw and shift down wanted.



2 Open the support.



3 Insert the cable into the support.



4 Clamp the support as it was.



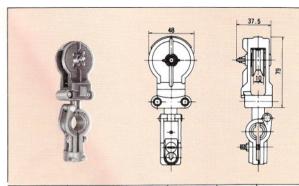
5 Retight the set screw to fix the cable.



# Carrier for messenger wire:

## ■ CK-0 (For messenger wire < 8 mm $\phi$ )



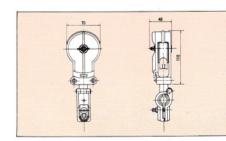


Type No.	Applicable cable dia.	No. of cable	h	Price
CK-01	$\phi 10 \sim \phi 20 \text{ m/m}$	1	144	
CK-02	$\phi 10 \sim \phi 20 \text{ m/m}$	2	181	
CK-03	$\phi 20 \sim \phi 30 \text{ m/m}$	1	163	

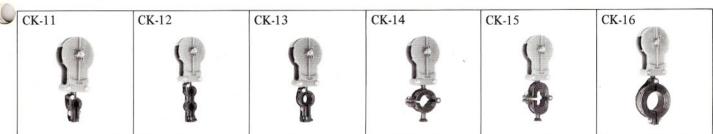


## $\blacksquare$ CK-10 (For messenger wire < 16 mm $\phi$ )

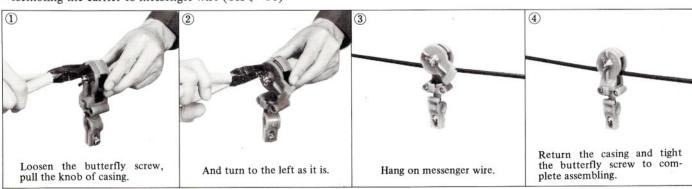




	Type No.	Applicable cable dia.	No. of cable	h	Price
	CK-11	$\phi 10 \sim \phi 20 \text{ m/m}$	1	175	222 222
ľ	CK-12	$\phi 10 \sim \phi 20 \text{ m/m}$	2	212	
ŀ	CK-13	$\phi$ 20 ~ $\phi$ 30 m/m	1	194	
ľ	CK-14	$\phi$ 30 ~ $\phi$ 45 m/m	1	197	
İ	CK-15	$\phi$ 20 ~ $\phi$ 35 m/m	2	216	
Ì	CK-16	$\phi 45 \sim \phi 70 \text{ m/m}$	1	224	



# Assembling the carrier to messenger wire (CK-0 $\cdot\,10)$





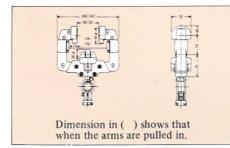
# For I-Beam ((Single Roller))





# ■ CK-100 (For I-Beam 75 mm. 100 mm in common)





	Type No.	Applicable cable dia.	No. of hang	h	Price
	CK-101	φ10 ~ φ20 m/m	1	204	
	CK-102	$\phi 10 \sim \phi 20 \text{ m/m}$	2	241	
İ	CK-103	$\phi$ 20 ~ $\phi$ 30 m/m	1	223	
	CK-104	$\phi$ 30 ~ $\phi$ 45 m/m	1	226	
1	CK-105	$\phi$ 20 ~ $\phi$ 35 m/m	2	245	
	CK-106	$\phi 45 \sim \phi 70 \text{ m/m}$	1	253	







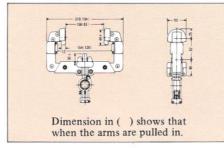






# CK-200 (For I-Beam 125 mm. 150 mm in common)





Type No.	Applicable cable dia.	No. of hang	h	Price
CK-201	$\phi 10 \sim \phi 20 \text{ m/m}$	1	198	
CK-202	$\phi 10 \sim \phi 20 \text{ m/m}$	2	235	
CK-203	φ20 ~ φ30 m/m	1	217	
CK-204	φ30 ~ φ45 m/m	1	220	
CK-205	$\phi$ 20 ~ $\phi$ 35 m/m	2	239	
CK-206	$\phi$ 45 ~ $\phi$ 70 m/m	1	247	











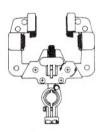


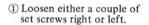


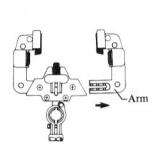
## Assembling carrier to I-Beam

Ordinarily the carriers CK-100 ~ 400 are assembled inserting at the end of I-Beam. But when assemble them within ends, it should be done as follows:

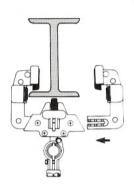
## **■ CK-100 · 200**



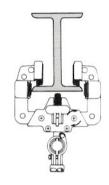




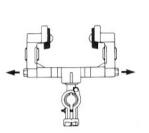
2 Take off the arm pulling by hand.



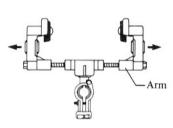
3) After assembling to I-Beam, set the arm as it was.



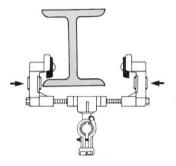
4 Retight the screws to complete assembling.



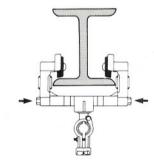
1 Loosen the bolts both sides.



2 Pull the arms to spread the distance.



3 Engage it into I-Beam and then return the arms.



4 Retight the bolts to complete the assembling.

## Adjustment of distance between main rollers

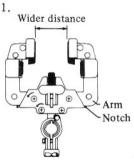


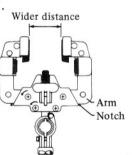
CK-100 100 ⇒ 75 m/m

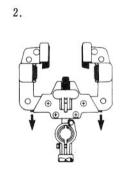


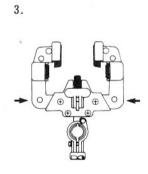
CK-200 150 ⇒ 125 m/m

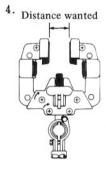
After removing the notchs loosing the set screws, push in the arms to get a wanted distance and retight the (3) screws.













CK-300 125 ⇒ 100 m/m



CK-400 175 ⇒ 150 m/m

Loosen the bolts, right and left, remove the spacers and retight the bolts.

