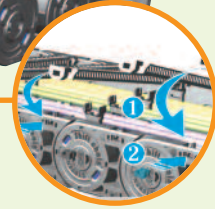
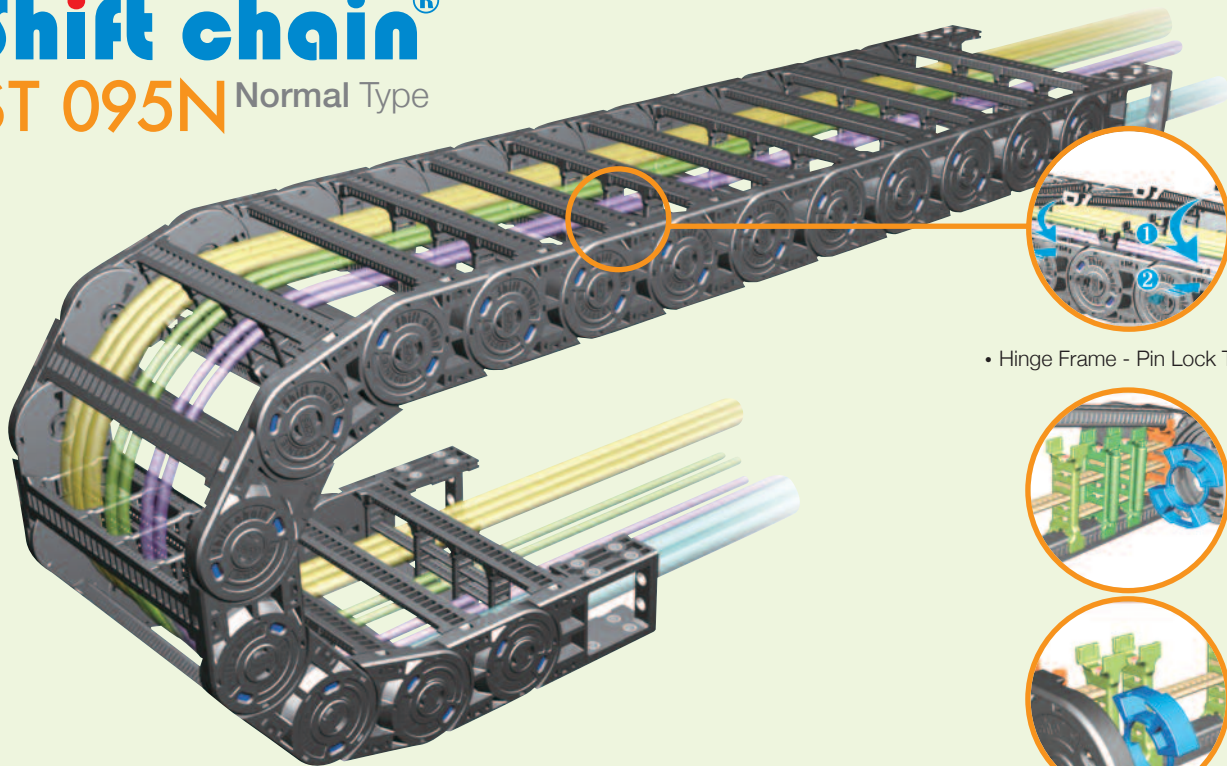


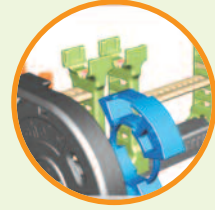
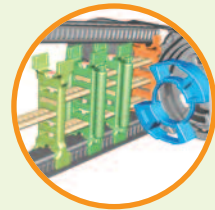


Min ●●●●●●● Max

Shift chain[®] ST 095N Normal Type



• Hinge Frame - Pin Lock Type •



• Shift chain - 내부구조 •

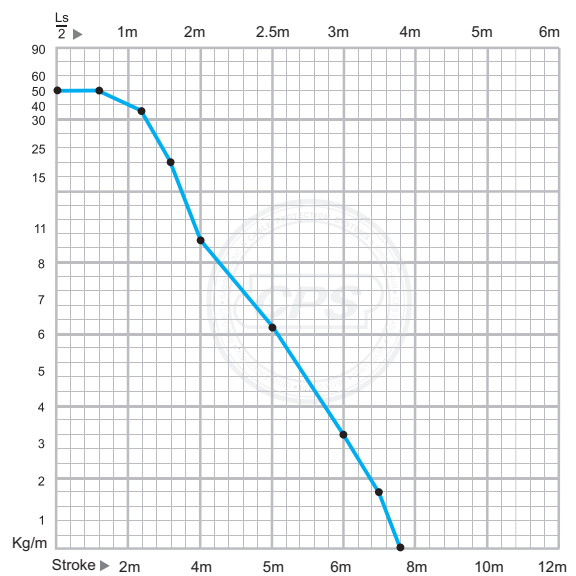
MATERIAL

- **Chain material:**
CPS-amide with glass fiber reinforced UL94-HB
- **Low Noise**
- **Low Mote**
- **Speed :** 10m / sec
- **Temperature :** -30°C ~ +130°C
- **Other installation Length:**
Vertical curve above= max 6.0m
Vertical curve below= max 100m
Side Mounted, Unsupported= max 3.0m
- **Applications**
Gantry robot, Machining center, Textile machine, Welding machine, Feeder unit, Assembly Loader, Wood work machine, Fabric machine.

● Calculation of the chain length

$$[L = \frac{Ls}{2} + Lp]$$

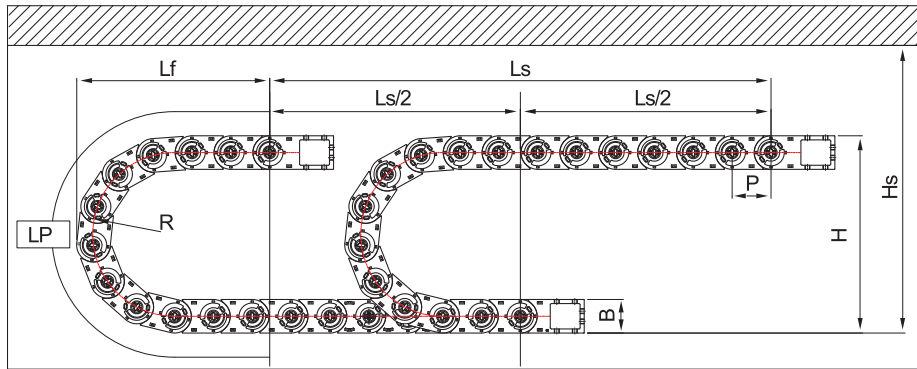
● Load diagrams self-supporting length





Normal Type **ST 095N**

LAYOUT OF THE CHAIN



(Dimensions in mm)

Bending radius R	135	150	200	230	280	400
Lp	805	855	1,010	1,110	1,260	1,640
L f	364	374	428	459	505	629
H	352	382	482	542	642	882

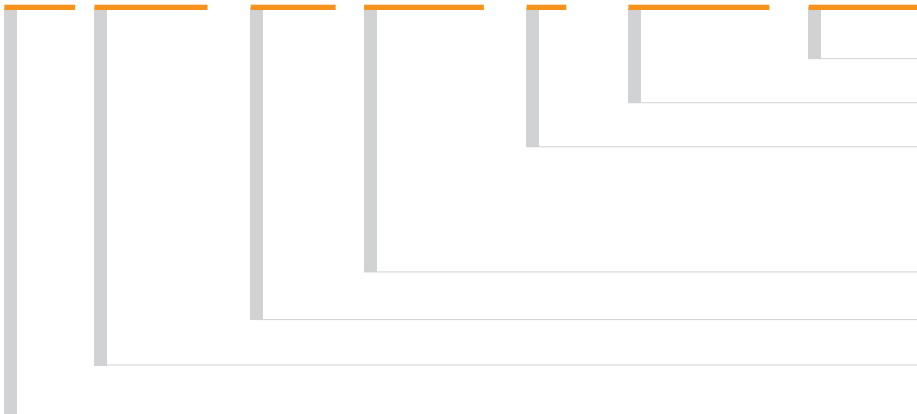
- Ls:** Stroke
- Lp:** Loop Length
- L f:** Loop Projection
- Hs:** Safe Space

ST 095N Type

- Pitch P:** 95mm
- Height B:** 82mm
- Height H:** 2R+82mm
- Hs** ≥ H+50mm

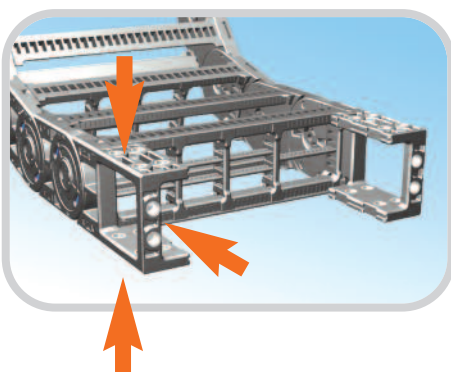
ORDERING

ST 095N. 200. R230 / F - 2500L : 10ST



- Q'ty(set)
- Length(mm)
- F : Free End Bracket
- G : Guide Channel Type
- V : Vertical Guide Type
- Bending Radius
- Inside Width
- Normal Type
- Shift Chain

BRACKET TYPE



FEB (Free End Bracket)

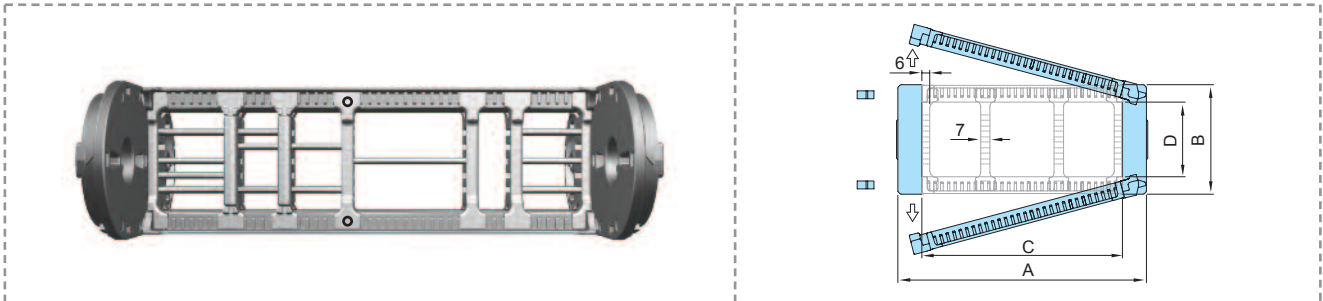
FEB Fixes the cable chain to the machinery or moving application. CPS has improved mounting efficiency by unifying the existing Easy End Bracket and Normal End Bracket. For added strength, steel spacers are inserted into the fixing holes of each Free End Bracket.

▶ Above products are patent registered item which can be protected by industrial property right.



Normal Type **ST 095N**

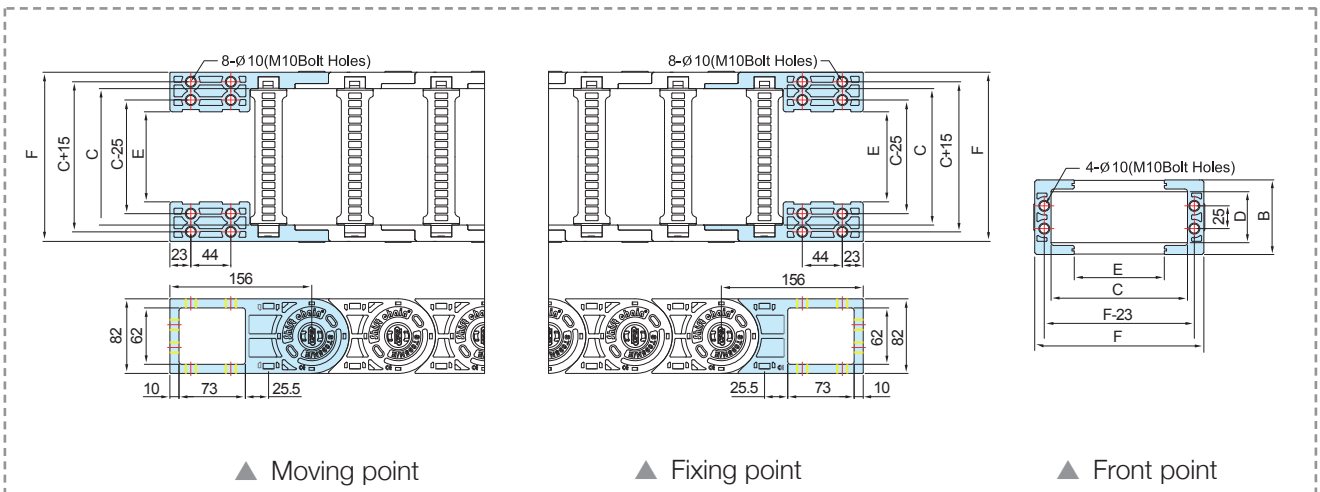
CHAIN CROSS SECTION



Chain Type	A	B	C	D	Bending Radius(R)	Weight in kg/m
ST 095N.075	113	82	75	56	135, 150, 200, 230, 280, 400	3.11
ST 095N.100	138		100			3.17
ST 095N.125	163		125			3.37
ST 095N.150	188		150			3.49
ST 095N.175	213		175			3.60
ST 095N.200	238		200			3.79
ST 095N.250	288		250			4.05
ST 095N.300	338		300			4.31
ST 095N.350	388		350			4.69
ST 095N.400	438		400			5.05

▲ Application of special frame. (C:190,240)

FREE END BRAKET



▲ Moving point

▲ Fixing point

▲ Front point

Chain Type	F	B	C	D	E	Hole Type
ST 095N.075	113	82	75	56	24	M10 Bolt Holes
ST 095N.100	138		100		49	
ST 095N.125	163		125		74	
ST 095N.150	188		150		99	
ST 095N.175	213		175		124	
ST 095N.200	238		200		149	
ST 095N.250	288		250		199	
ST 095N.300	338		300		249	
ST 095N.350	388		350		299	
ST 095N.400	438		400		349	

▲ Application of special frame. (C:190,240)

2014 NEW PRODUCT
Unity Systems®

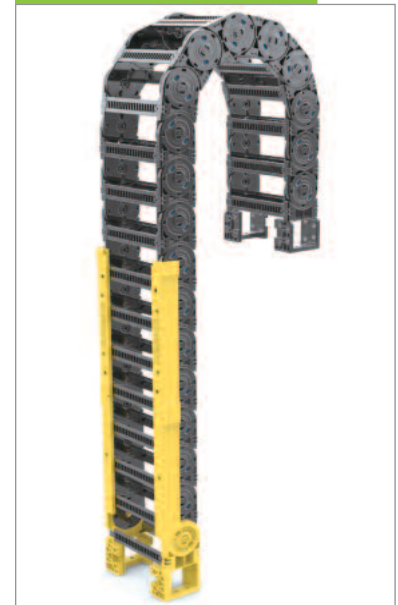
Normal Type **ST 095N**

This type of bracket is to protect deflection of chain which will support the weight of certain section start from bracket, also will protect the damage of chain.

▼ Horizon Type 수평형

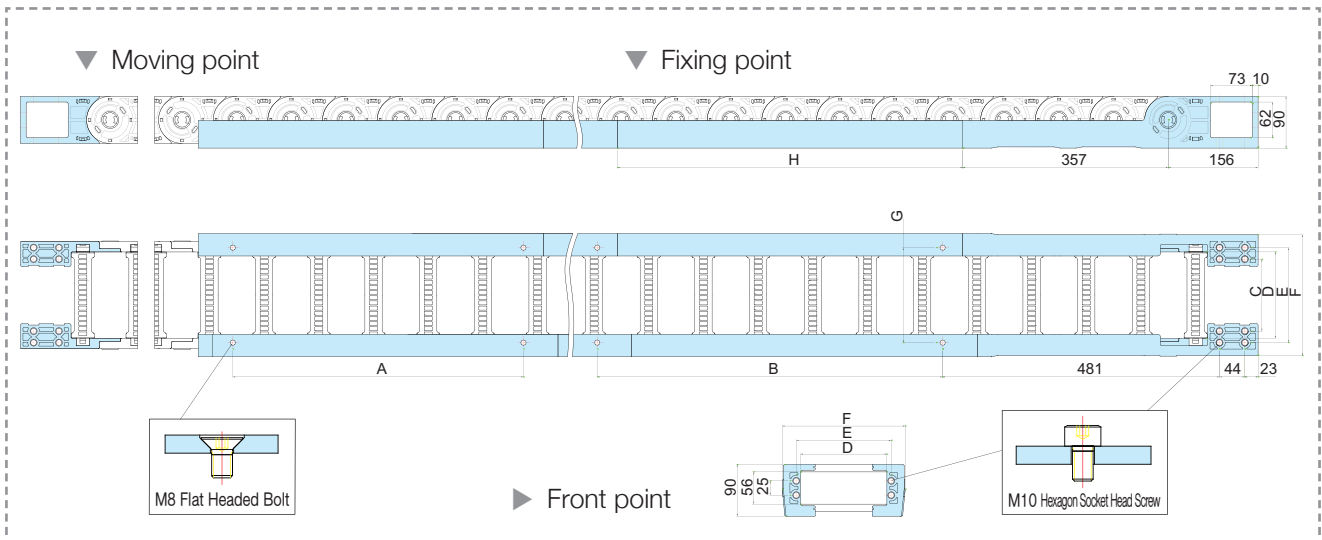


▼ Vertical Type 수직형



GUIDE CHANNEL TYPE END BRACKET

(Dimensions in mm)



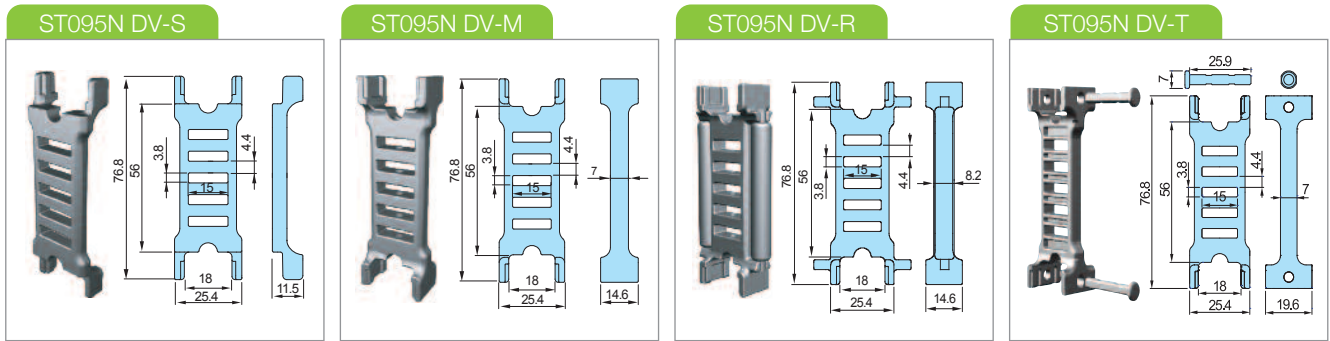
Chain Type	C FEB fix hole(inner)	D Frame length dimension	E FEB width	F FEB width	G GC hole width	GC TYPE	H GC length	B GC fixing hole	A GC hole dimension
ST 095N.075	50	75	90	135	90	GC600	600	601	505
ST 095N.100	75	100	115	160	115				
ST 095N.125	100	125	140	185	140				
ST 095N.150	125	150	165	210	165				
ST 095N.175	150	175	190	235	190				
ST 095N.200	175	200	215	260	215				
ST 095N.250	225	250	265	310	265				
ST 095N.300	275	300	315	360	315	GC800	800	801	705
ST 095N.350	325	350	365	410	365				
ST 095N.400	375	400	415	460	415				



Normal Type **ST 095N**

DIVIDERS

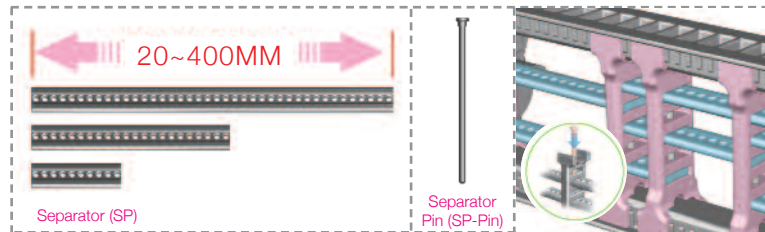
Dividers (Vertical) and Separators (Horizontal) divide the inner chamber of the cable chain to give each cable diameter its own center and keep the cables separated from each other. The use of separator in some cases, can also reduce the width requirements as two or more levels can be made within the same chamber. To prevent twisting or damage to the cables, as a rule, there needs to be at least 10% space between the inserted cable and its enclosure.



▶ Assemble divider every Two links.

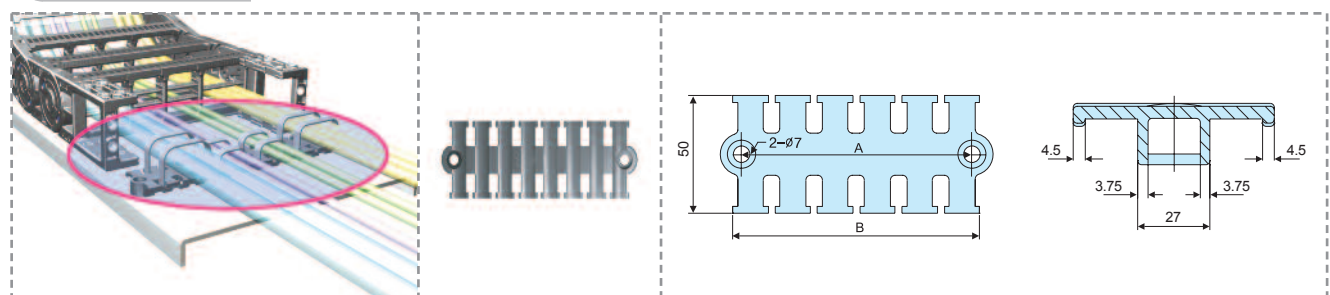
▶ DV/T : Frame 250~400

SEPARATORS (SP)



Separator is available in length from 20mm to 400mm and can be cut every 5mm for use. The combined use of divider and separator with the pin creates the most effective cable pattern and keep insertion space for cables safely, so it protects the inserted cables.

TIE WRAP



(Dimensions in mm)

The Tie Wrap separated from the Shift Chain bracket, when installed properly, protects the inserted cables from becoming entangled and twisted during operation.

Tie Wrap	050	075	100	125	150
A	58	75	98	122	141
B	65	82	105	129	148