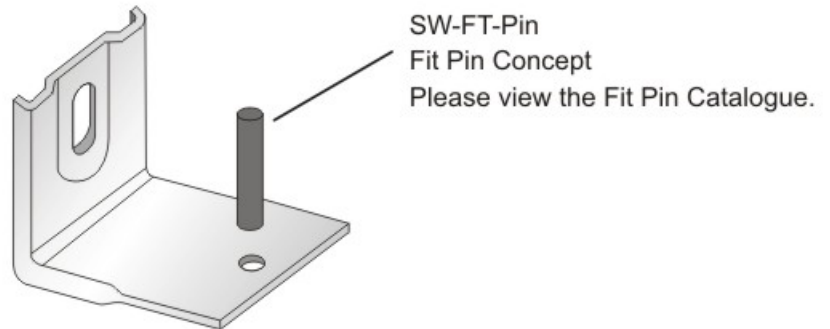


CW型不銹鋼碼片(SW-CW) :  
Central Webbed Bracket (SW-CW) :

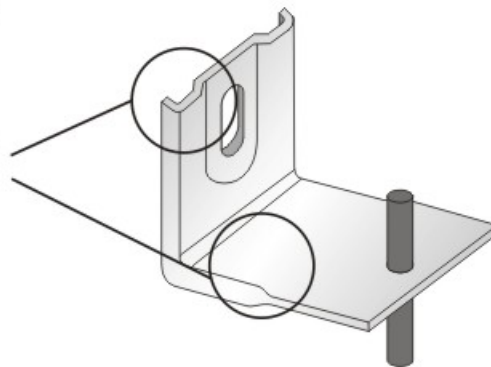


Material: S.S. 304 / S.S. 316

CW型不銹鋼碼片設計特點：



獨特90度向後屈曲之設計  
加強承載力



防移動設計

— CW型不銹鋼碼片，其獨特之設計，把碼片90度向後屈曲，使碼片比一般碼片更具承載力，達到保持針孔不容易偏移的重點

SW-CW, its unique design which its edges were bended 90° angle has the better capacity than the tradition bracket and effective to minimize the pin hole moving.

— 為配合不同工程之需要，本廠屈碼機可在地盤施工即場屈長短90度角之CW碼片  
For different necessary, our Portable Electric Bending Machine can operate on site to bend a 90° angle.

本司還備有屈碼機、膨脹螺絲及石背螺絲，以配合碼片使用，請瀏覽本司網址：

We also have Bending Machine, Expansion Bolt and Stone Back Anchor to coordinate the bracket use, for more information, please visit our web site:

[Http://www.sunwaymetal.com/](http://www.sunwaymetal.com/)



On Site Bending Machine

Stone Back Anchor

Expansion Bolt

Expansion Bolt

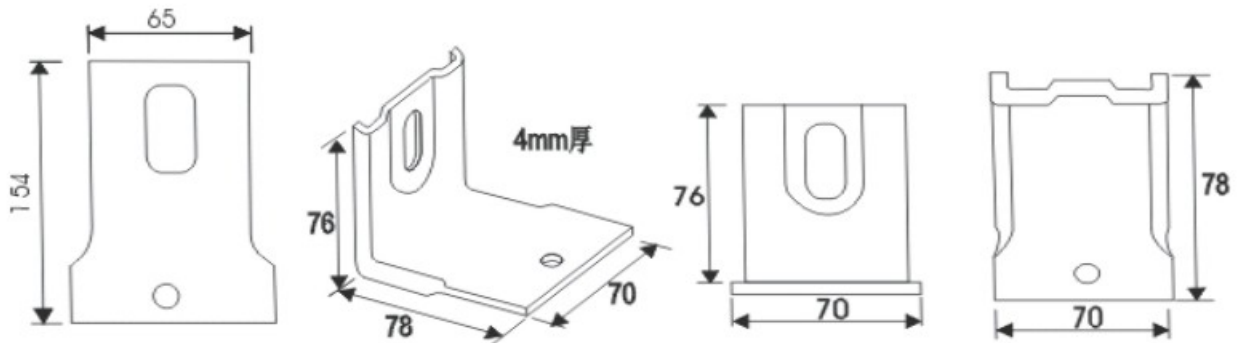
如需更多資料或有任何疑問，請與我們聯絡。

For more information, please contact us.

Tel : (852) 2873 2804 , E-mail : sung@sunwayltd.com.hk

Fax: (852) 2814 0776 , Website : <http://www.sunwaymetal.com/>

CW型不銹鋼碼片(SW-CW) :  
Central Webbed Bracket (SW-CW) :



### Test Result :

SW-CW Bracket		Traditional Bracket	
Deflection (mm)	Loading (kgf)	Deflection (mm)	Loading (kgf)
0.5 mm	32.8kgf	0.5 mm	21.4kgf
1.0 mm	59.0kgf	1.0 mm	50.3kgf
1.5 mm	80.4kgf	1.5 mm	70.6kgf

Our bending machine could operate on site to bend a 90° angle.

### Difference of the test result and by theory formula :

The formula of the maximum bracket loading :  $P_{max} = 20.9w^2b / 6L$

- $P_{max}$  = The maximum loading 、20.9 = constant 、 $w$  = Thickness of bracket 、  
 $B$  = Width of bracket 、6=constant 、 $L$  = Length of arm's of bracket 、  
 $W$  、 $b$  、 $L$  : such as the above picture.

Bracket Safety Loading Formula :  $P_{Safety} = P_{max}$  (Factor of Safety is 1.7)

- ① When the  $L=78mm$  , base on the formula, we can calculate :

$$P_{max} = 20.9w^2b / 6L = \frac{20.9 \times 4^2 \times 70}{6 \times 78} = 50Kg$$

$$P_{Safety} = P_{max} / 1.7 = 50 / 1.7 = 29.4Kg$$

- ② When the  $L=60mm$  , base on the formula, we can calculate :

$$P_{max} = 20.9w^2b / 6L = \frac{20.9 \times 4^2 \times 70}{6 \times 60} = 65Kg$$

$$P_{Safety} = P_{max} / 1.7 = 65 / 1.7 = 38.2Kg$$

- ③ When the  $L=50mm$  , base on the formula, we can calculate :

$$P_{max} = 20.9w^2b / 6L = \frac{20.9 \times 4^2 \times 70}{6 \times 50} = 78Kg$$

$$P_{Safety} = P_{max} / 1.7 = 78 / 1.7 = 45.9Kg$$

如需更多資料或有任何疑問，請與我們聯絡。

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