

### Ceiling Suspension System

HS-25, a heavy duty ceiling suspension system, is designed for fixing all kinds of ceiling boards with heavy loading needs, such as plasterboard, fibre cement board, calcium silicate board, magnesium oxide board and other boards

For exterior use, wind load calculation may be required. Please contact us for details.

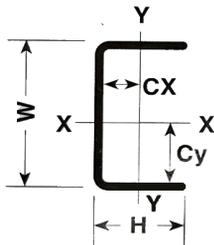
### Characteristics

- Withstanding heavy loading
- Light weight and durable
- Rust proof and hot-dip galvanized steel
- Quick and easy installation
- Easy adjust for an accurate ceiling level

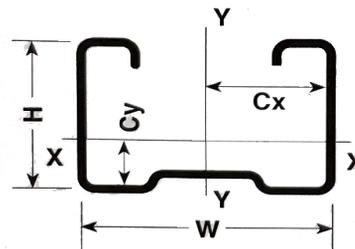
### Applications

- Exterior or Interior
- Transportation Hub
- Commercial Building
- Hotel
- Factory

### Product Data & System Parts Sectional Properties



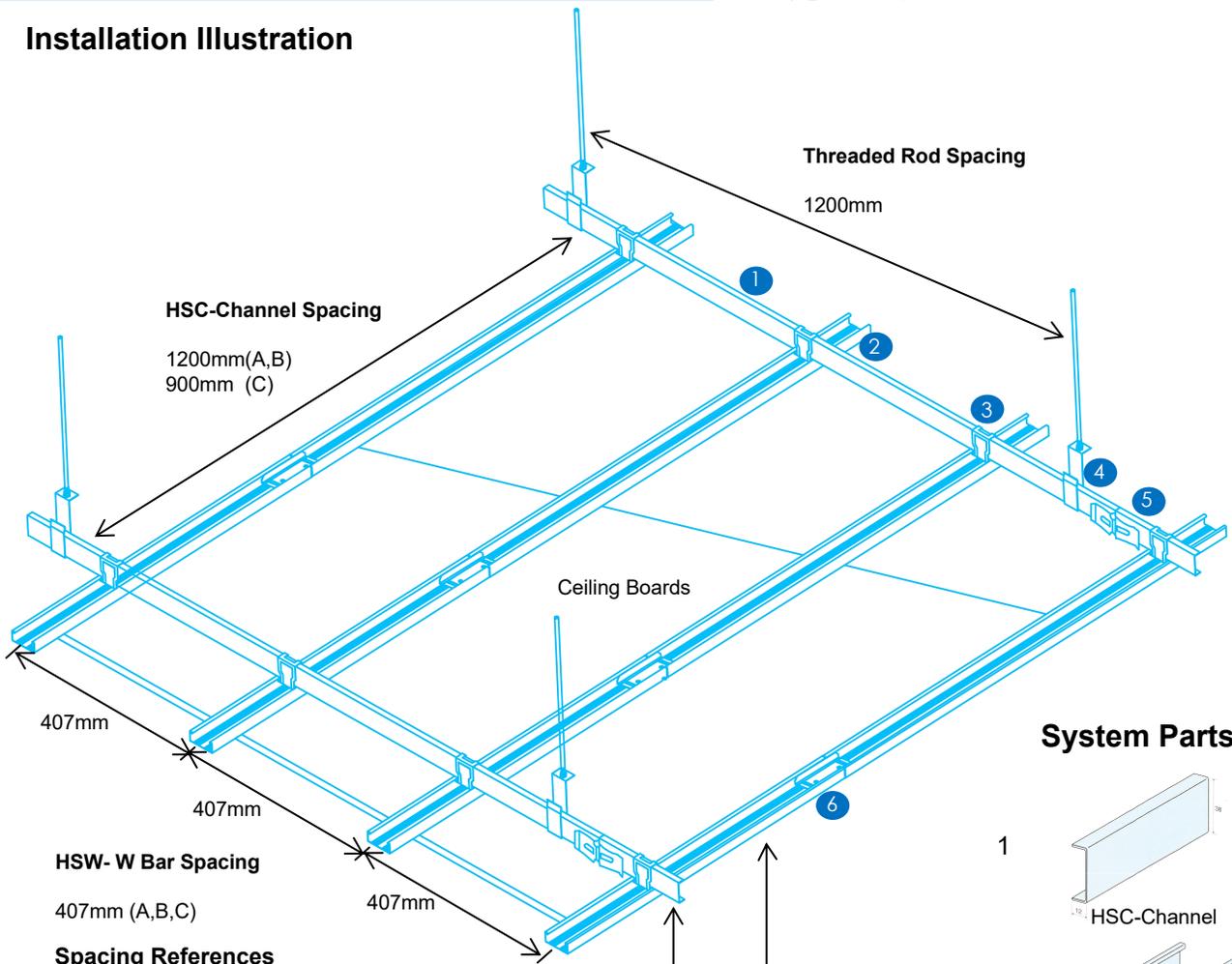
HSC Channel



HSW W Bar

Product No.	W x H x T	A	Ix	Iy	Zx	Zy	
	mm	cm <sup>2</sup>	cm <sup>2</sup>	cm <sup>4</sup>	cm <sup>3</sup>	cm <sup>3</sup>	kg/m
HSC-3810	38 x 12 x 1.0	0.60	1.21	0.07	0.64	0.08	0.47
HSC-3812	38 x 12 x 1.2	0.70	1.36	0.84	0.72	0.09	0.57
HSC-3815	38 x 12 x 1.6	0.93	1.80	0.11	0.95	0.12	0.76
HSW-255	50 x 25 x 0.5	0.58	0.49	2.36	0.29	0.94	0.44
HSW-256	50 x 25 x 0.6	0.67	0.56	2.77	0.34	1.11	0.53
HSW-258	50 x 25 x 0.8	0.89	0.71	3.62	0.42	1.45	0.70

Installation Illustration



HSW- W Bar Spacing

407mm (A,B,C)

Spacing References

HSC-3810 Channel (A)  
HSC-3812 Channel (B)  
HSC-3816 Channel (C)

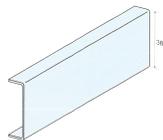
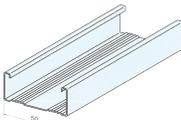
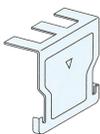
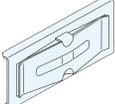
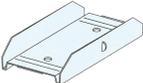
HSW-255 W Bar (A, B)  
HSW-256 W Bar (A, B)  
HSW-258 W Bar (C)

Loading References

Pattern	Uniform Load
A	20kg/m <sup>2</sup>
B	25kg/m <sup>2</sup>
C	50kg/m <sup>2</sup>

Notes: Allowable Deflection Limit ≤ L/360.

System Parts

- 1  HSC-Channel
- 2  HSW-W Bar
- 3  Clip
- 4  Hanger
- 5  HSC Connector
- 6  HSW Connector



Star Beat

Star Beat Building Materials Limited

Flat C, 10/F, Supreme Industrial Building  
15-17 Shan Mei Street, Fotan, Shatin  
N.T., Hong Kong  
Tel : (852) 3617 9160 Fax: (852) 3617 9220  
Email : info.starbeat@yahoo.com  
Website : www.star-beat.com