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Introduction

■ C-1 ceiling system

It can bear certain weight and the Xinyue dry wall technology is adopted. Applicable to

- Larger ceiling area above 50sq.m.
- Space of ceiling above 4m
- Depth of ceiling above 450mm

Different Xinyue plaster can be used for the system including Xinyue common paper surface plaster, Xinyue water resistance plaster, Xinyue fire resistance plaster, acoustic plaster, Xinyue fire and water resistance plaster and Xinyue high resistance plaster. Different plaster choice will satisfy different purpose. Plaster is fixed by double light steel keel structure formed by Xinyue C ceiling keel and U type keel.

Galvanized light steel keel is fixed on the top by using adjustable column.








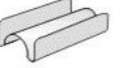
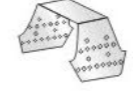
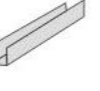



Seal connection of cuniform should be used seal connection band and materials or parts to dispose and many Xinyue plaster decoration materials should be used for covering the surface with the thickness 2-5 mm to realize the complete and traditional decoration surface.

■ Limits of the C-1 system

XinyueC-1 system not applicable to high temperature or humid area:

- Temperature higher than 50℃ will lead to changes of plaster status which can decrease the Physics functions and resistance capability.
- Humidity higher than 90% or continuous touching water will decrease the resistance apability of plaster.

Parts of xinyue C-1 ceiling system

Metal parts					Affiliated materials of dry wall system	
						
Xinyue suspender	Xinyue adjustable suspender	Xinyue angle steel	Xinyue U type installing clamp	Xinyue materials for seal		
fixed on the top and connected with adjustable suspender and all ceiling system	Connected with suspender, can be moved by pressing up and down flying, positioned on suspender after releasing flying, and it can adjust the balance of the top.	Used for forming frame of side wall	which can be fixed on top directly and used for the ceiling thickness lower than for installing suspender and adjustable ceiling, by cutting or circling the fly of clamp, different ceiling depth can be realized.	There are seal materials and finished products seal filling materials which are used for forming the un-seal surface.		
						
Xinyue C type keel	Xinyue C type keel connection parts	Xinyue up and down connection parts	Xinyue U type side keel	Xinyue+type connection parts	Xinyue seal glue	Xinyue decoration plaster
used for keel structure of ceiling system, common specification is 60x27x0.8mm and 60x27x0.8mm can be used as required.	used for connecting long c type keel.	Used for connecting and fixing up and down layer keel.	Fixed on the connection area between ceiling and wall by screw and used for forming around keel structure of ceiling system.	Connect the C type keel at the same surface.	used for seal to prevent sound and vibration transmission.	Many decoration plasters can be used for smooth disposal of surface.

Picture of Ceiling System

■ Xinyue paper plaster ceiling self tapping screw is used to fix on C-1 ceiling system to cover the keel.

■ + type connection parts
When the four sides of plaster should be fixed or keel should be added at the down layer keel of loading increasing, it is used for the connection between keels.

■ Xinyue fire resistance Partition plate
In order to satisfy the fire protection standard, air fire resistance plate should be provided between ceiling and top. Single layer with thickness of 50mm can withstand 0.5 hours, double layers water resistance plate can withstand 1.5 hours.

■ Xinyue U installing clamp can be fixed on the top under the conditions of space that is short of installing suspender and adjustable suspender.

■ Ladder type ceiling
The structure is formed by Xinyue C type ceiling keel.

■ Xinyue suspender and adjustable suspension parts used for suspending the C keel and the height can be adjusted by adjustable suspension parts, the space between them depends on weight of suspender. Suspender should be added at lightning.

■ Up and down keel connection
They are connected to form C-1 type keel structure.

■ Xinyue side keel
Formed by Xinyue U type, used for fixing the around of ceiling system. fixed around the ceiling by screw in same surface of up and down keel.

■ Side wall
Side-wall frame is consisted by Xinyue C type ceiling keel and U type ceiling keel.

■ Checking hole
The keel support should be added around the hole which is connected with C keel by shape of + structure.

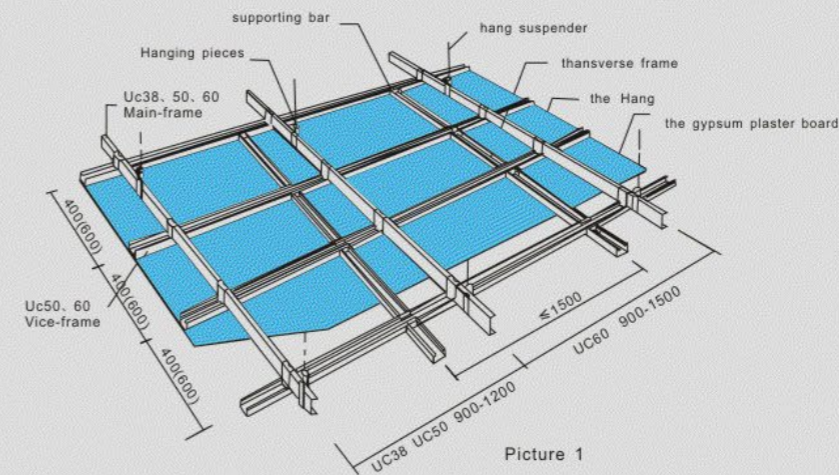
Methods for Ceiling Installing

Picture 1

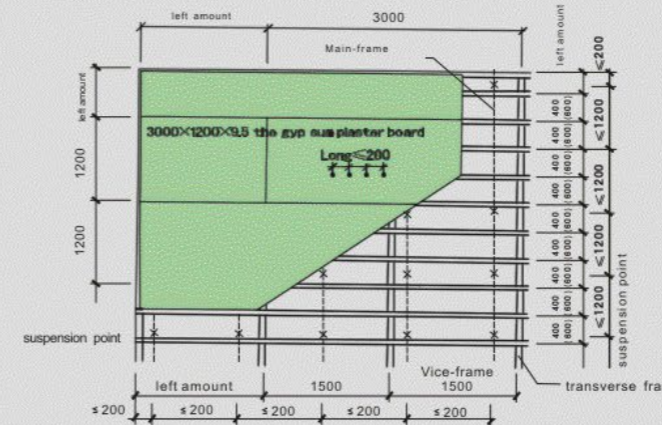
1. Draw line and define the position of suspension according to the designing picture and indoor conditions.
2. Put the spanker or expanded bolt at the suspension point, and all the steel suspender should be fixed with space of 900--1200mm. Installing of steel of suspender such as plaster should be fixed by expansion bolt.
3. Length of suspender should be defined according to the requirement and steel welded with screw thread, main suspender should be provided on screw thread steel.

Picture 2

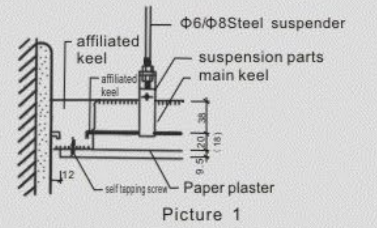
4. Main keel should be provided on main suspension parts, with space of 900--1200mm.
5. Suspension parts should be provided on keel with space of 400--600mm (or defined by minor keel position).
6. Affiliated keel should be provided on suspension parts, with space of 400--600mm.
7. When installing paper plaster, one side of suspension ceiling should be installed by self tapping screw as rows and left should be fixed at the end.



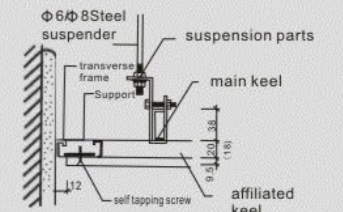
Picture 1



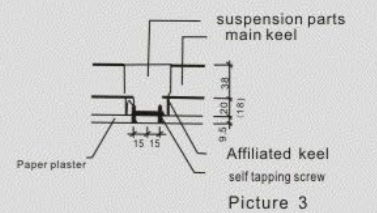
Picture



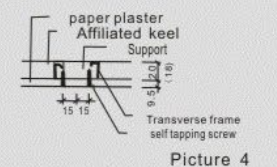
Picture 1



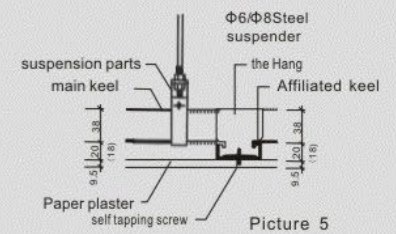
Picture 2



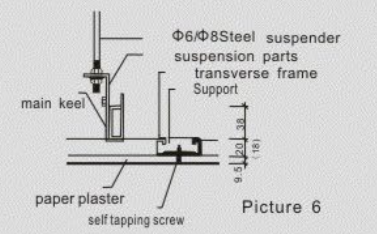
Picture 3



Picture 4



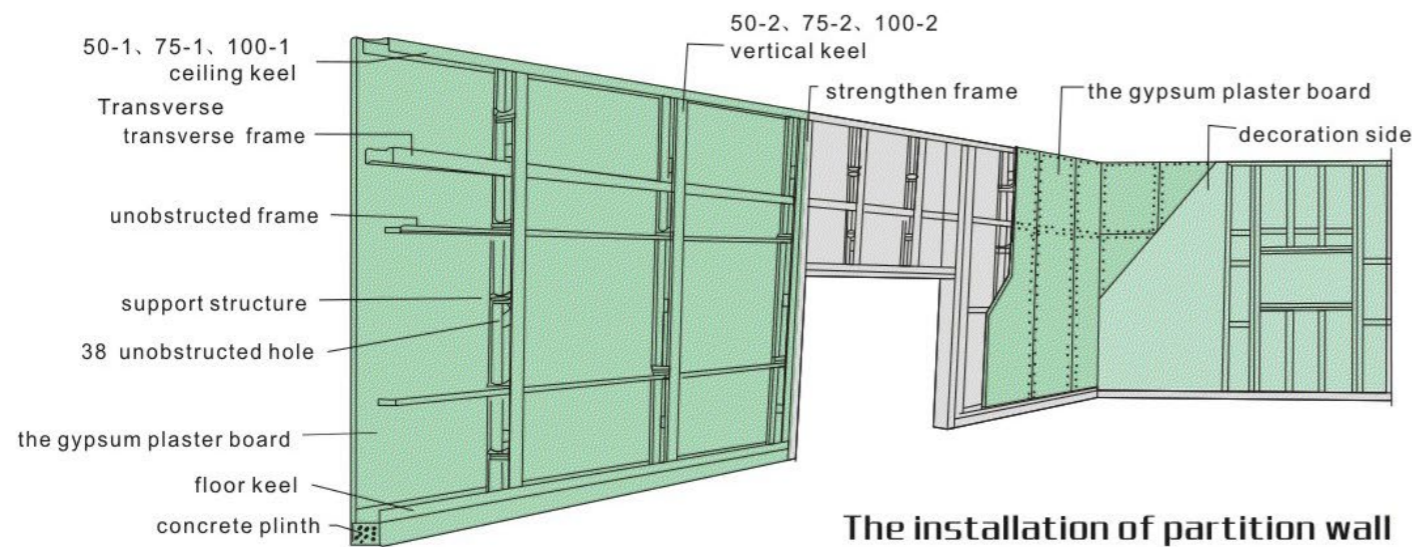
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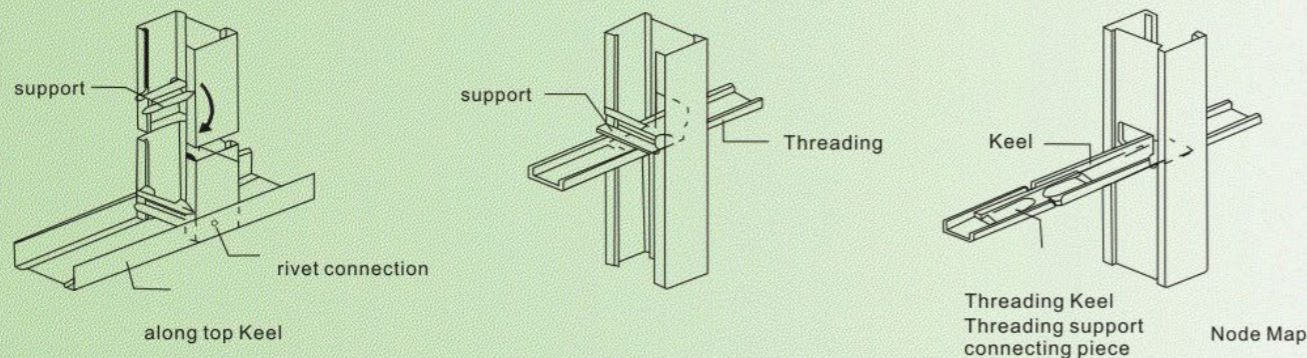
Picture 6

To fix the ceiling keel and the floor keel to the clear ceiling and the clear floor with the shooting-nails. Then to install the vertical keel to the ceiling keel and the floor keel, and use the rivets to fix them in accordance with the designed space.

The gypsum plaster boards should be installed to the frame with the tapping screws, when the whole frame is formed. When the one-layer gypsum plaster board is used, the space between two gypsum plaster boards should be staggered. And when the double-layer gypsum plaster board is used, the space between two gypsum plaster boards should also be staggered. Then the final decoration can be done.



The installation of partition wall



light-weight steel frames ceilings

	ceilings that can't bear man's weight	man bearing ceiling		Notice
Main-frame				bearing frame
	38Main-frame	50Main-frame	60Main-frame	
Vice-frame				covering frame
	50Vice-frame	60Vice-frame		
Hanging pieces				Main-frame the Hang
	38Hanging pieces	50Hanging pieces	60Hanging pieces	
The main link				main frame connected with the long pole
	38The main link	50The main link	60The main link	
The Hang				the connection of the main frame and the vice frame
	38the hang	50the hang	60the hang	
The vice link				vice frame connected with the long pole
	50the vice link	60the vice link		
supporting bar				leveled pieces
	50supporting bar		60supporting bar	
The choosing accessories				

series of light-weight steel frames partition wall

	transverse frame	vertical keel
50series of partition wall	 0.60kg/m 50-1frame	 0.76kg/m 50-2frame
75series of partition wall	 0.71kg/m 75-1frame	 0.88kg/m 75-2frame
100series of partition wall	 0.83kg/m 100-1frame	 1.00kg/m 100-2frame
Notice	The transverse frame connects the wall with the structure	The vertical keel is used to bear the weight of the wall
unobstructed frame	 38unobstructed frame	 38link
Notice	Unobstructed frame is the central connection of the vertical keel.	
support structure	 75Support structure	 100Support structure
Notice	The supporting card can support the opening side of the vertical keel, and it connects the unobstructed frame with the vertical keel.	

the statistics above are the common ones the length and the thickness of the frame can be designed according to the requirement of the customers. (Size unit mm is used in these pictures.)

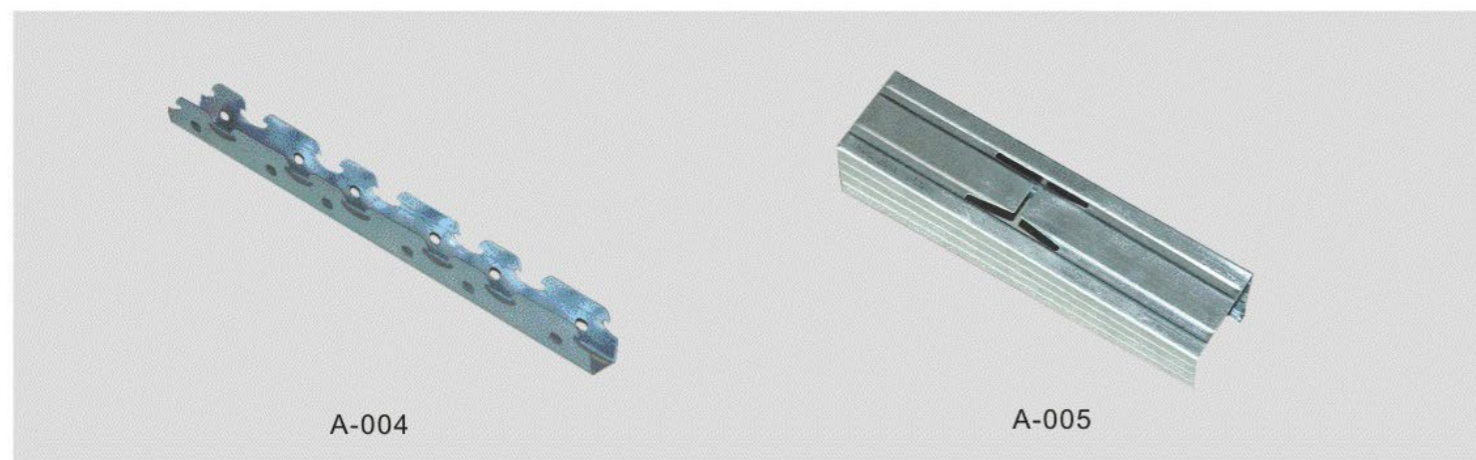
NO.A Series



A-001

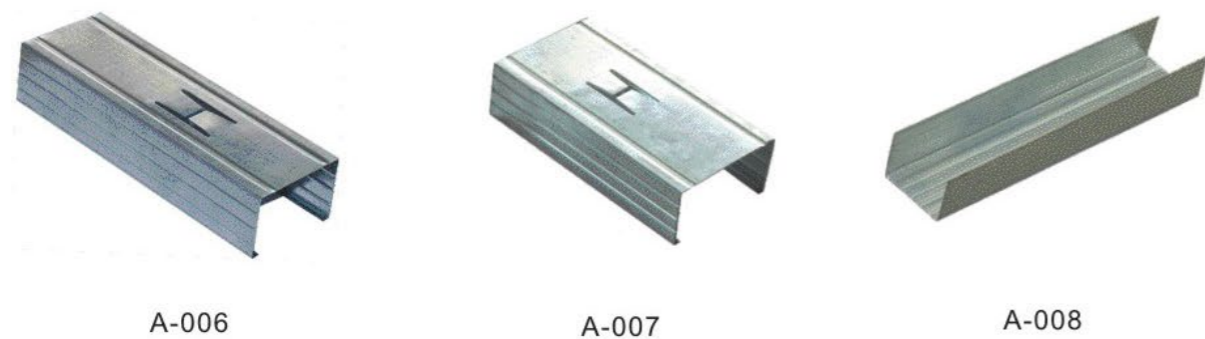
A-002

A-003



A-004

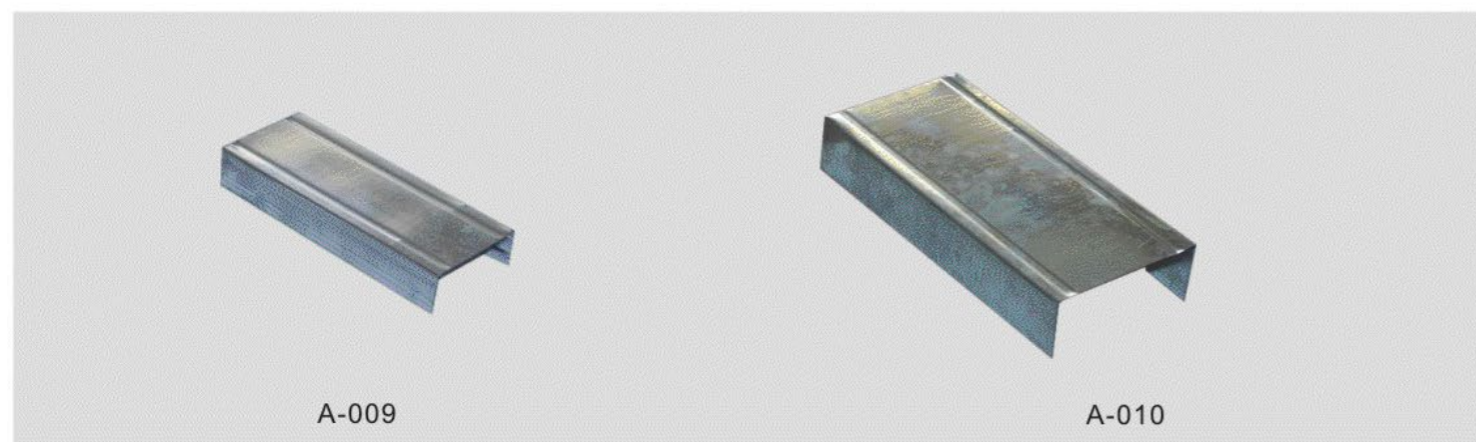
A-005



A-006

A-007

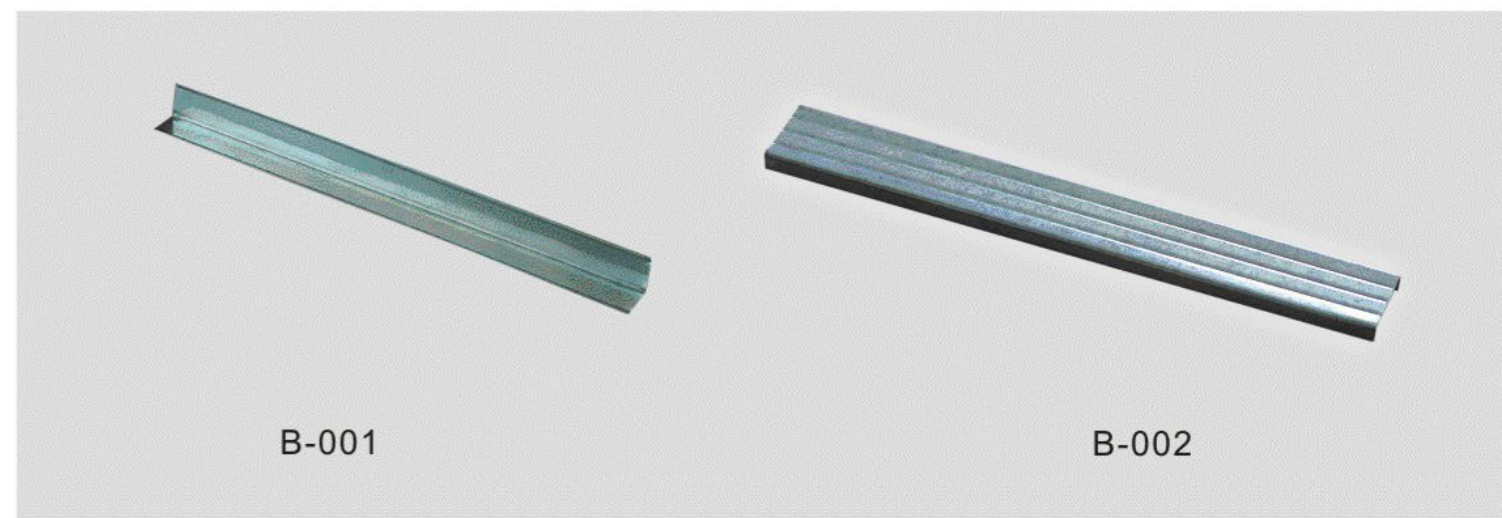
A-008



A-009

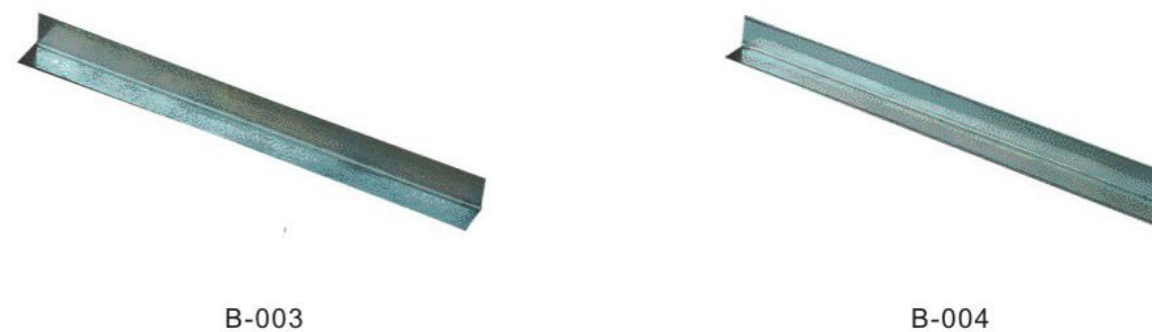
A-010

NO.B Series



B-001

B-002



B-003

B-004



B-005

Quality to win the market

Faith leads to excellent quality

NO.C Series



C-001



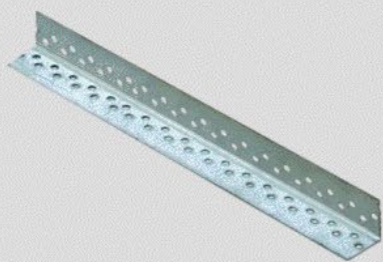
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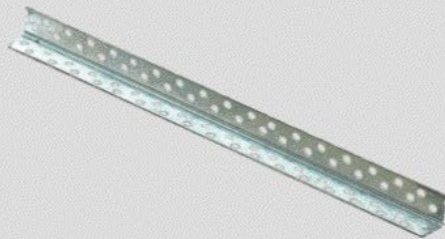
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C-004



C-005



C-006



C-007



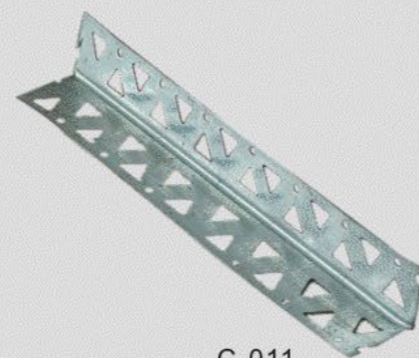
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C-009

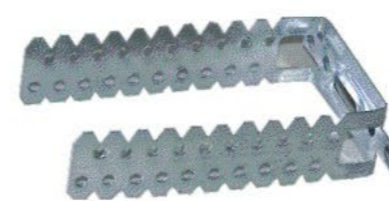


C-010



C-011

NO.D Series



D-001



D-002



D-003



D-004



D-005



D-006



D-007



D-008



D-009



D-010



D-011



D-012



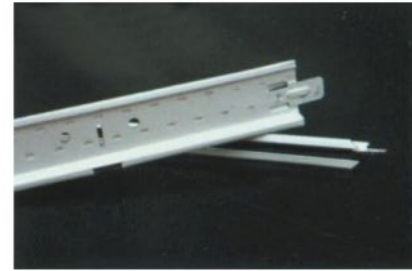
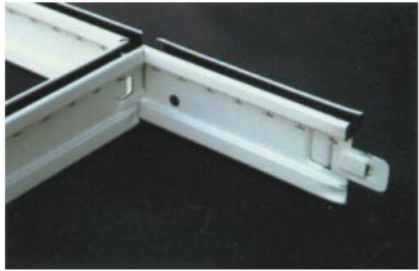
D-013



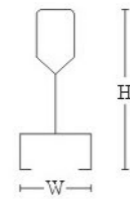
D-014

Series of Paint Coating Grid

Exposed System



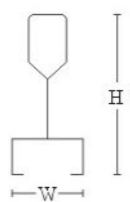
Main Tee Size: (Height×Width×Length)



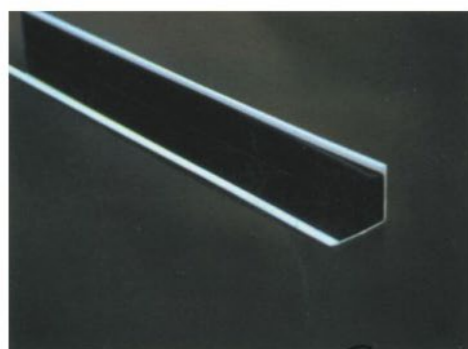
42×16×3600mm
 42×16×3660mm
 38×16×3600mm
 38×16×3660mm
 32×16×3600mm
 32×16×3660mm



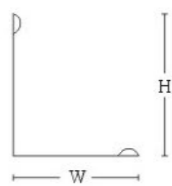
Cross Tee Size: (Height×Width×Length)



42×15×1200mm	38×16×600mm
42×15×1220mm	38×16×610mm
42×15×600mm	32×16×1200mm
42×15×610mm	32×16×1220mm
38×16×1200mm	32×16×600mm
38×16×1220mm	32×16×610mm



Wall Angle Size: (Height×Width×Length)



20×15×3000mm	20×15×3000mm
20×15×3600mm	22×22×3000mm
20×14×3000mm	20×20×3000mm
20×14.5×3000mm	24×24×3000mm
24×24×3000mm	

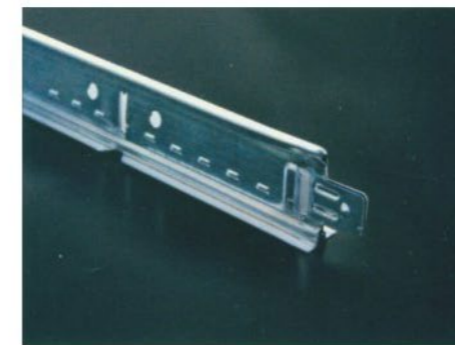
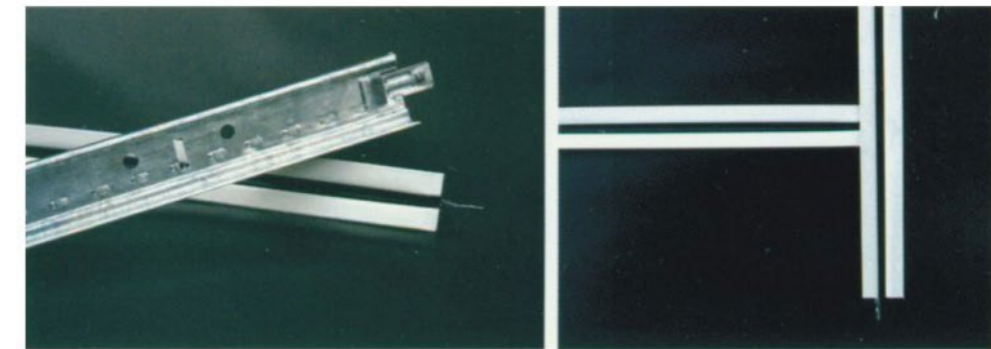


W-Wall Angle

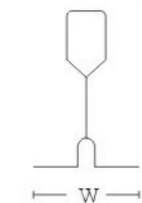


10×10×10×15×0.4×3000mm
 19×9×13×24×0.4×3000mm
 15×10×10×20×0.4×3000mm

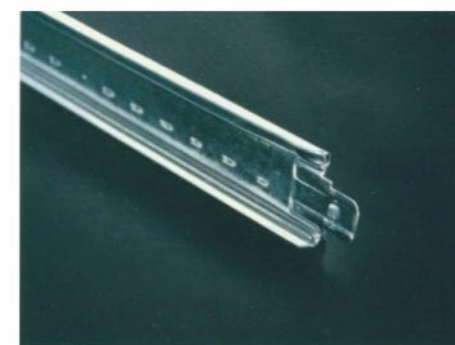
Groove System



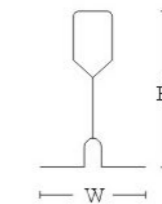
Main Tee Size: (Height×Width×Length)



32×14×3600mm
 32×14×3660mm
 32×14.5×3600mm
 32×14.5×3660mm
 30×24×3600mm
 30×24×3660mm

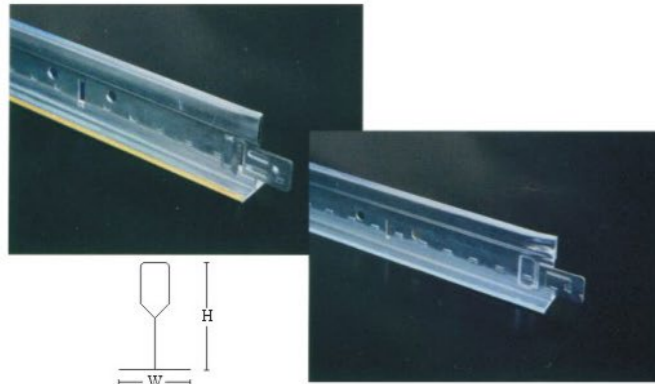


Cross Tee Size: (Height×Width×Length)



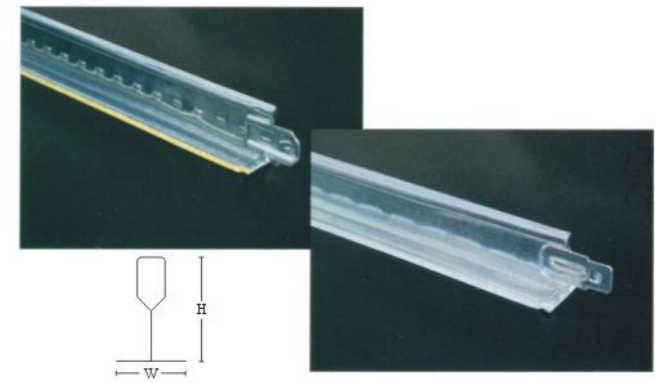
32×14×1200mm
 32×14×1220mm
 32×14×600mm
 32×14×610mm

Plane System



Main Tee Size:(Height×Width×Length)

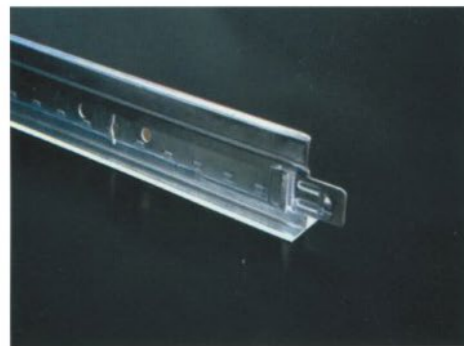
38×24×3600mm
 38×24×3660mm
 38×24×3750mm
 32×24×3600mm
 32×24×3660mm
 32×24×3750mm



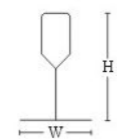
Cross Tee Size:(Height×Width×Length)

26×24×1200mm	28×24×1200mm
26×24×1220mm	28×24×1220mm
26×24×600mm	28×24×600mm
26×24×610mm	28×24×610mm

Alloy End Grid



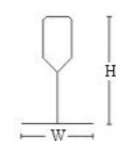
Main Tee Size:(Height×Width×Length)



32×15×3600mm
 32×15×3660mm
 38×15×3600mm
 38×15×3660mm



Cross Tee Size:(Height×Width×Length)



32×15×1200mm	38×15×1200mm
32×15×1220mm	38×15×1220mm
32×15×600mm	38×15×600mm
32×15×610mm	38×15×610mm

Project

