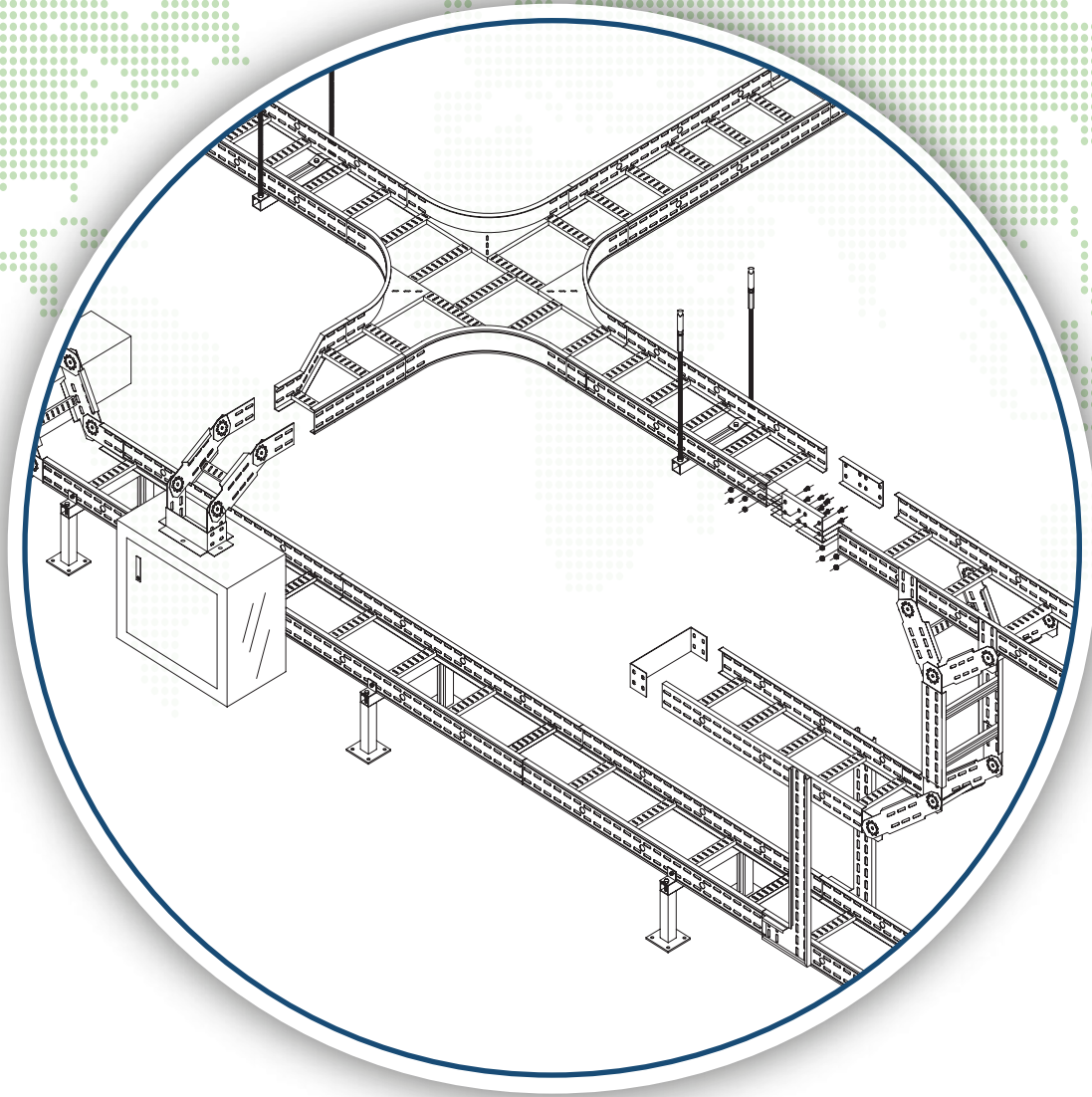




# CABLE MANAGEMENT SYSTEM





## OUR VISION

We aspire to be the global leader in the steel industry by being the most reliable and innovative value added steel manufacturing, services & solution provider.

## OUR MISSION

To maximize value for our client base globally, we commit ourselves to supply high quality steel products, services and solutions. Utilizing innovative technologies and solutions and making it possible through a team of well experienced professionals. Our focus is continuous improvement in product quality and client satisfaction.

## OUR POLICY

The company management maintains a Korean style of management where ideas pass on from shop floor level right up to the top management's desk. We make sure that right thing is at the right place at the right time. This helps us to manufacture our products with high precision, meeting all the specifications. We have the capability to deliver and meet urgent needs of our customers and have built their confidence by providing high quality products on time using our automated machines. Through our subsidiary in UAE, we target to reach larger client base across the MENA region. We believe in continuous improvement and follow the business principle focused towards customer satisfaction by providing quality products and solutions and on time delivery. Our prime focus is to serve our customers better.

## PREFACE

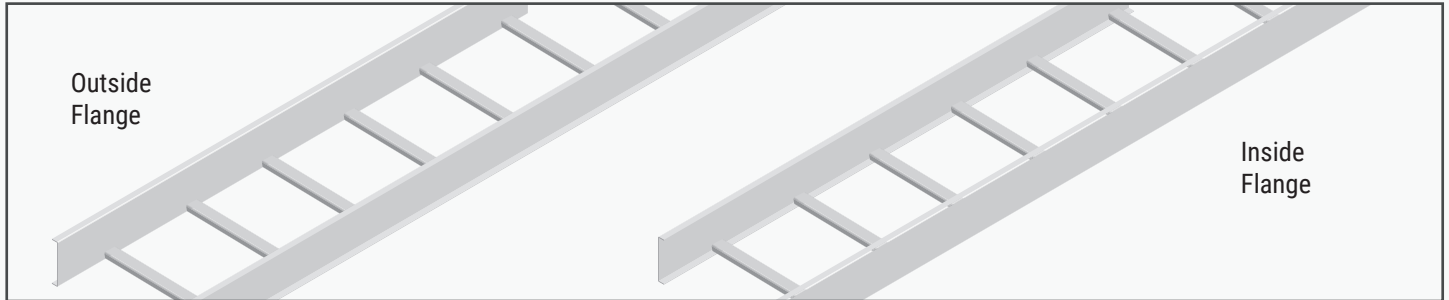
Cheol offers a comprehensive range of a complete cable management system. The system offered comprises;

- Cheol Cable Ladder as per BSEN 61537:2002
- Cheol Cable Tray as per BSEN 61537:2002
- Cheol Cable Trunking as per BSEN 10327:2004
- Cheol Metal Framing Channel as per BSEN 6946:1988



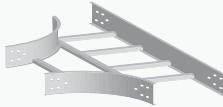
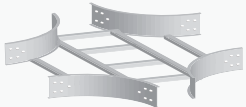
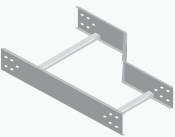
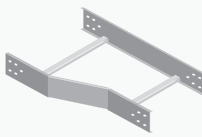


Cheol Cable Management systems full range of products is ISO 9001:2008 Certified. We have a fully equipped factory with the design, production and quality control departments. The load capabilities, support span requirements, deflection criteria, site installation problems have been carefully considered by our design department while designing the entire product ranges. All our products are manufactured using the latest technology which helps us to maintain a unique quality product throughout the manufacturing process. Entire Cheol cable management system has been designed to minimize welding. Last 25 years of research and development in this field has helped us to develop a system which has taken into account all the requirements of construction sites especially in Asia and the MENA region.

## CABLE LADDER










Cheol Cable Ladders are manufactured in accordance to BSEN 61537:2002 using our state of the art manufacturing facility. We offer a wide range of Cable Ladder as per your site conditions.



## CABLE LADDER FITTINGS

			
90deg Flat Bend	45deg Flat Bend	Horizontal Tee	Horizontal Cross
			
RH Reducer	LH Reducer	Outside Ricer	Inside Ricer

## CONNECTORS & ACCESSORIES

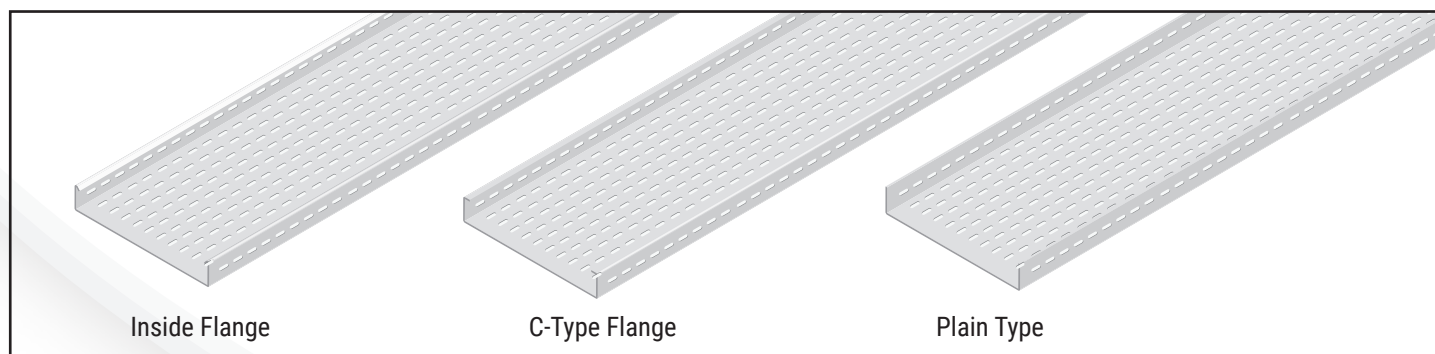
				
Std. Connector	Ext. Connector	Vert. Connector	End Plate	
				Earthing Jumper
Box Connector	Angle Connector	Hold Down Clamp	Expansion Guide	

### Ordering Information

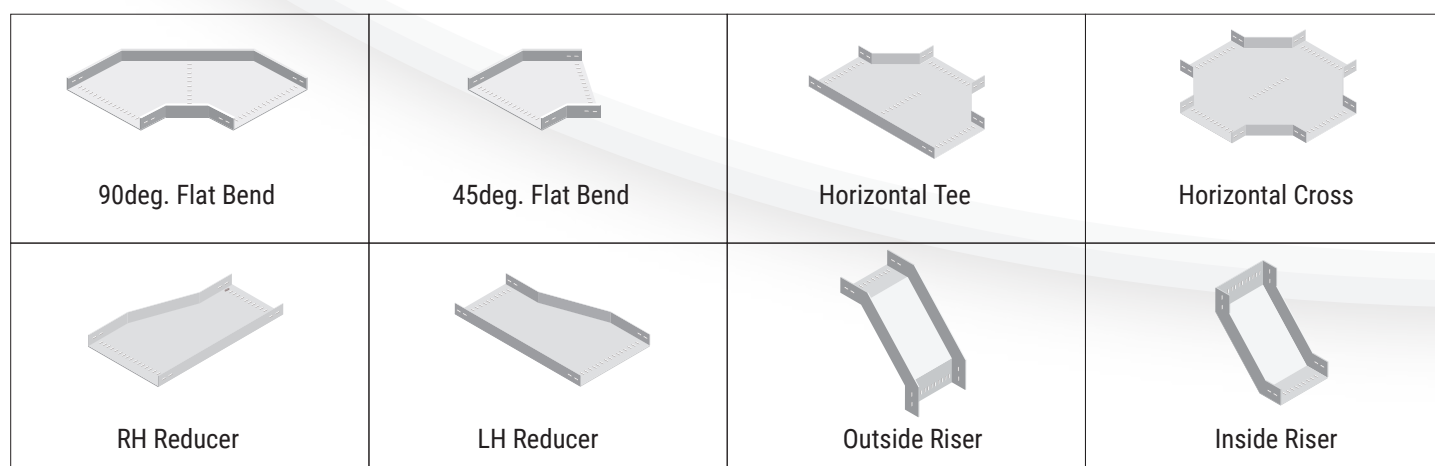
Width (mm)	Ladder Type	Height (mm)	Length (m)	Material Finish	Thickness
100	CL - Straight	60	2.44	H - HDGAF	1.2
150	CL9H - 90deg Horizontal Bend	100	3.00	A - Aluminum	1.5
200	CL4H - 45deg Horizontal Bend	125	3.60	S - Stainless Steel	2.0
300	CLTH - Horizontal Tee	150	6.00		2.5
450	CLXH - Horizontal Cross				
600	CL9RI - 90deg InsideRiser		<b>Radius</b>		
750	CL9RO - 90deg Outside Riser		300		
900	CLRH - Right Hand Reducer		600		
	CLLH - Left Hand Reducer		900		

## CABLE TRAY

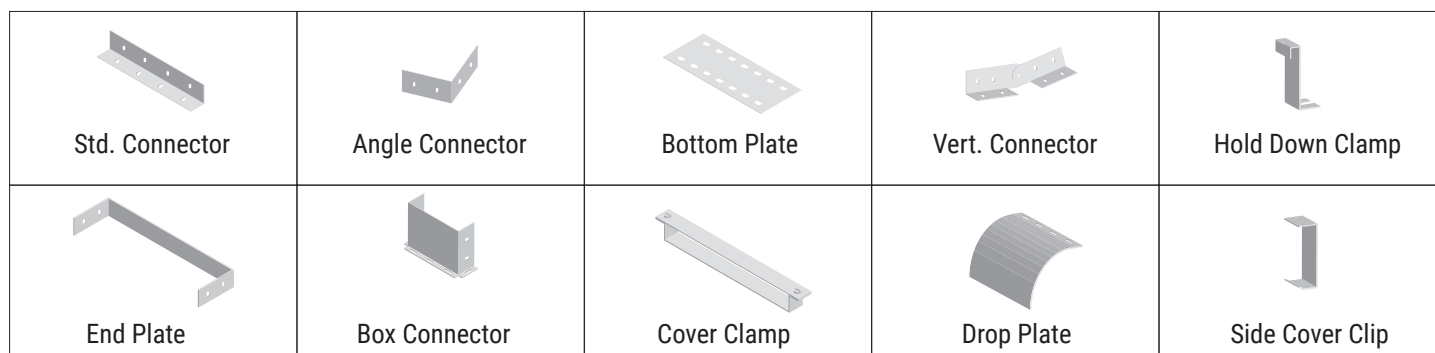
**Cheol Perforated Cable Trays are manufactured in accordance to BSEN 61537:2002** using our automated machines. We offer a wide range of Perforated Cable Trays and accessories as per our standard design and we can also manufacture as per your project requirements.



## CABLE TRAY FITTINGS



## CONNECTORS & ACCESSORIES

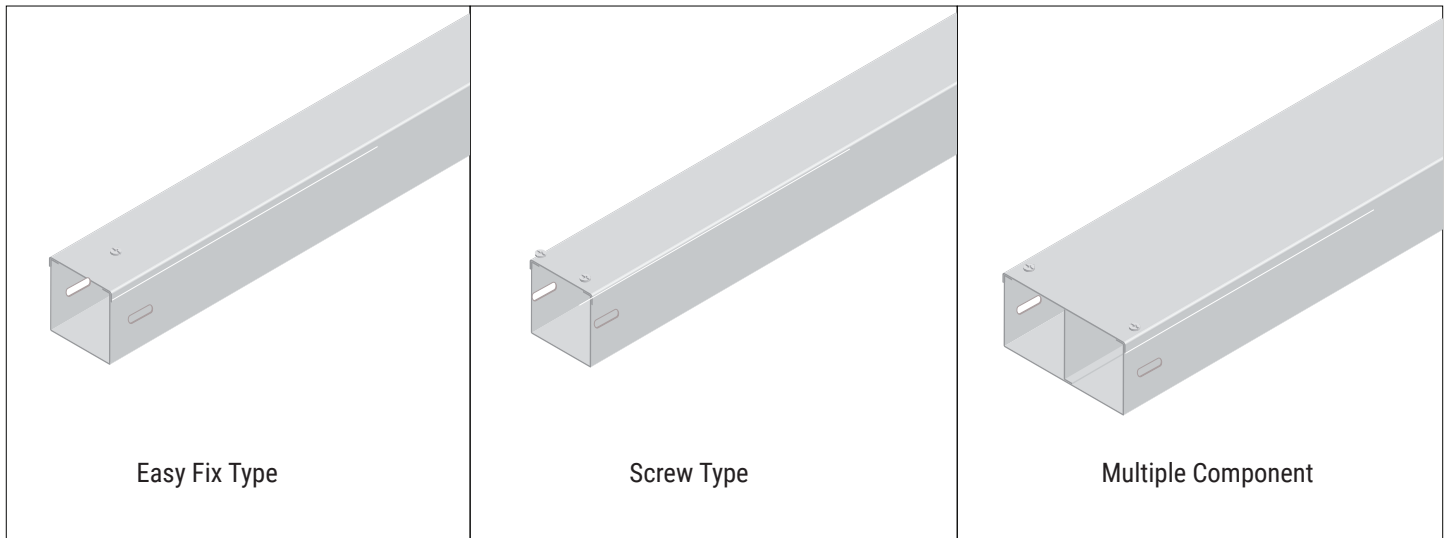


### Ordering Information

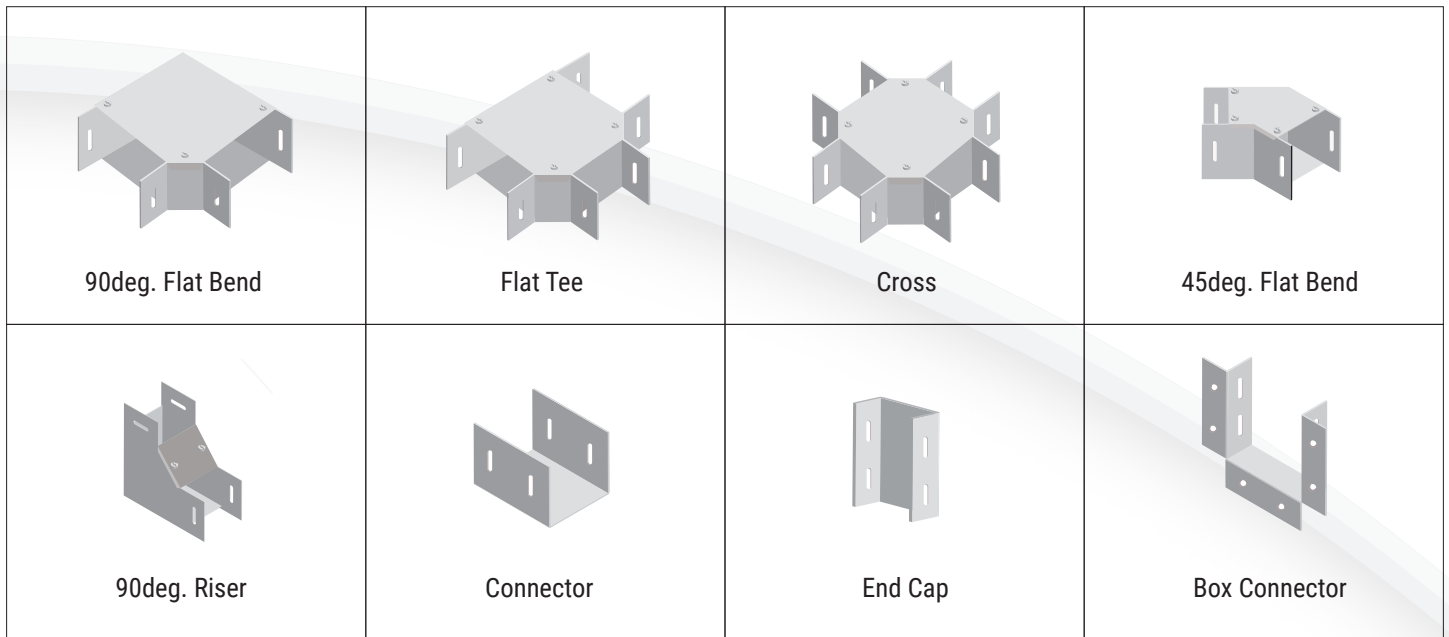
Width (mm)	Tray Type	Height (mm)	Length (m)	Material Finish	Thickness
100	CL - Straight	50	2.44	G - Galvanized Iron	1.0
150	CL9H - 90deg Horizontal Bend	75	3.00	H - HDGAF	1.2
200	CL4H - 45deg Horizontal Bend	100		A - Aluminum	1.5
300	CLTH - Horizontal Tee	125		S - Stainless Steel	2.0
450	CLXH - Horizontal Cross				2.5
600	CL9RI - 90deg InsideRiser				
750	CL9RO - 90deg Outside Riser				
900	CLRH - Right Hand Reducer				
	CLLH - Left Hand Reducer				

## CABLE TRUNKING

Cheol Cable Trunkings are manufactured in accordance to BSEN 0327:2004. We offer a wide range of Cable Trunking as per your desired width, height and number of compartments.



## FITTINGS & ACCESSORIES

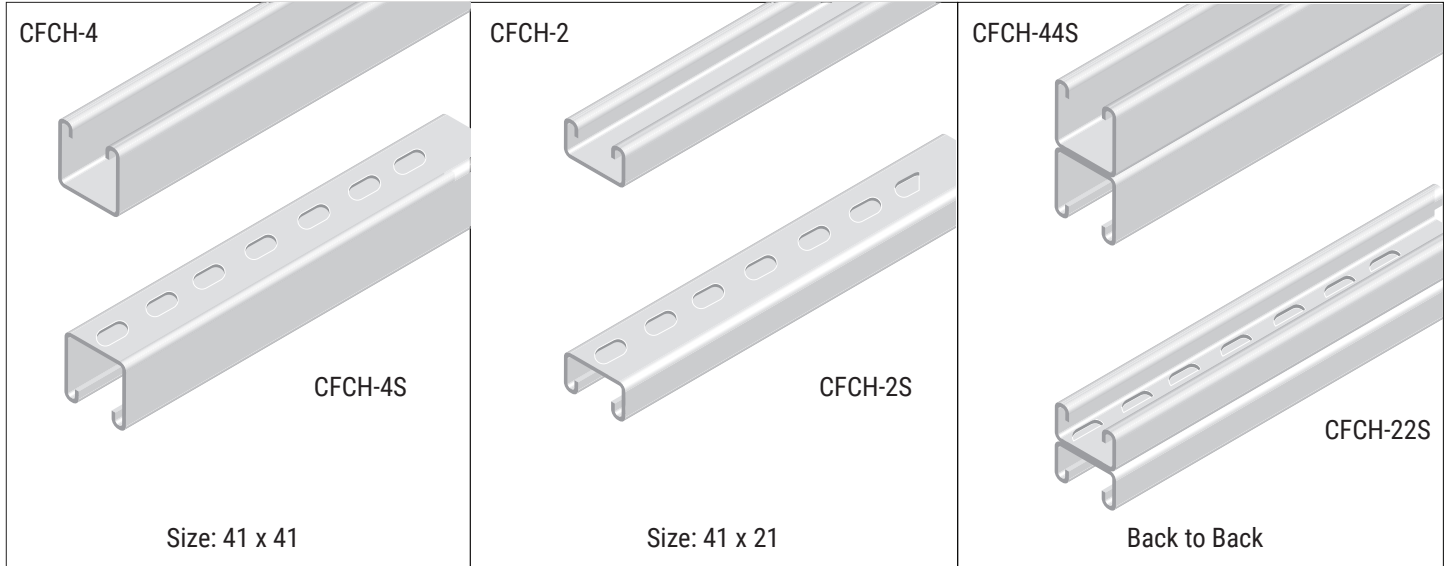


### Ordering Information

Width (mm)	Trunking Type	Height (mm)	Length (m)	Material Finish	Thickness	Components	Cover Type
100	CR - Straight	50	2.44	G - Galvanized Iron	1.0	1	EF - Easy Fix
150	CR9H - 90deg Horizontal Bend	75	3.00	H - HDGAF	1.2	2	SF - Screw Fix
200	CR4H - 45deg Horizontal Bend	100		A - Aluminum	1.5	3	
300	CRTH - Horizontal Tee	125		S - Stainless Steel	2.0		
	CRXH - Horizontal Cross	150			2.5		
	CR9R - 90deg Inside Riser						
	CR9R - 90deg Outside Riser						
	CRRH - Right Hand Reducer						
	CRLH - Left Hand Reducer						

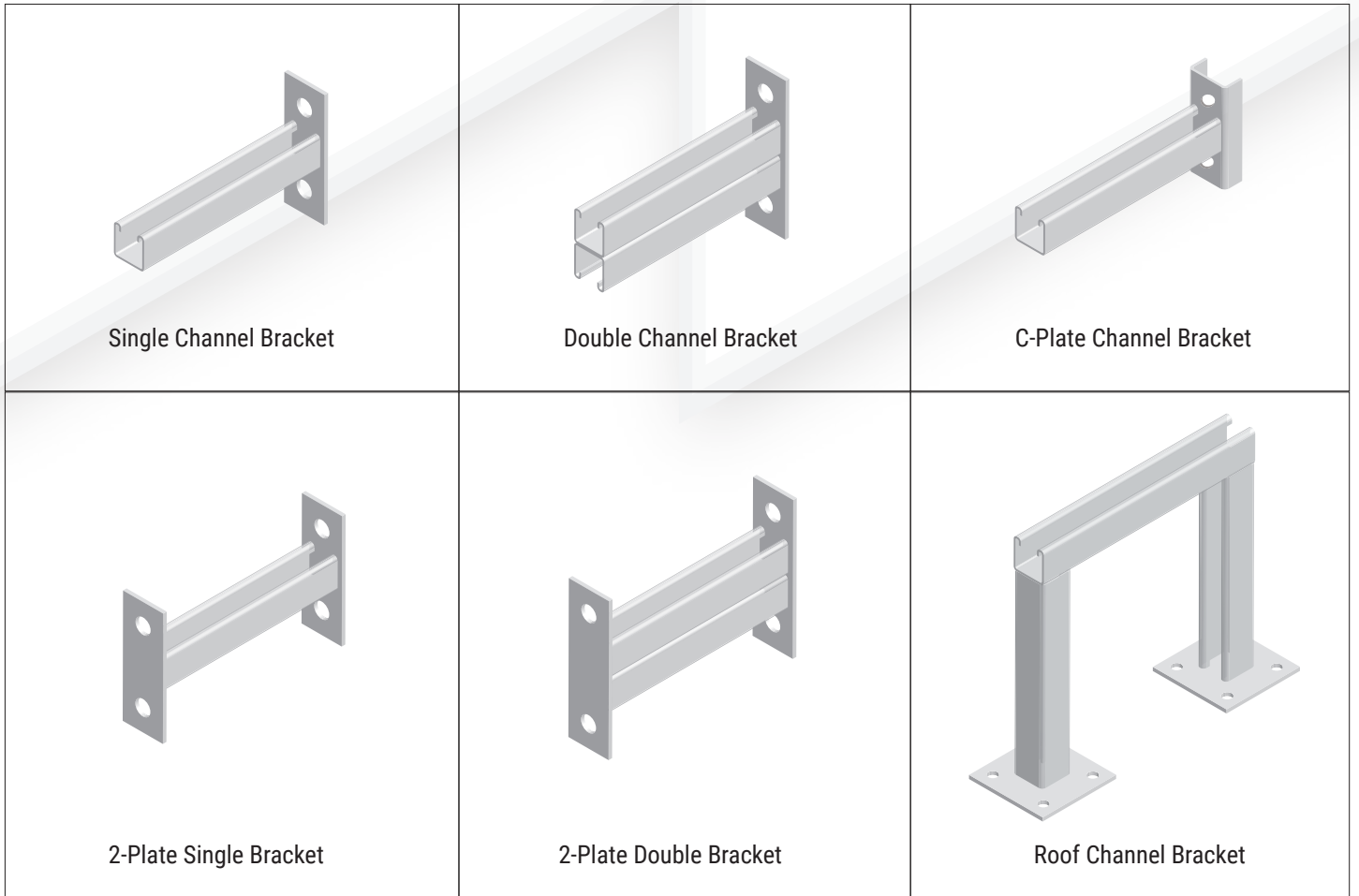
## CHANNEL & SUPPORT SYSTEM

**Cheol Metal Framing Strut Channels are manufactured in accordance to BS 6946:1988.** We strictly follow our clients' specifications to ensure the Channels & Supports provided can withstand the load installed. Cheol provides technical assistance to our client to ensure the correct materials are used at the site.



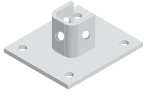
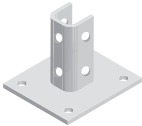
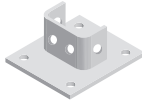
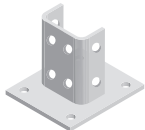




Channels are available in 41x41 & 41x21, Plain Type & Slotted, with material of G.I., HDGAF & SS, lengths up to 6mrs and thickness from 1.5mm up to 2.5mm

## BRACKETS















## POST BASES

Cheol Post Base are made of 6mm Hot Rolled Material and Hot Dipped Galvanized according to BS Standards.

 <p>Single Channel Low Post Base</p>	 <p>Single Channel High Post Base</p>	 <p>Double Channel Low Post Base</p>	 <p>Double Channel High Post Base</p>
 <p>Single Channel Low 2Hole Post Base</p>	 <p>Single Channel High 2Hole Post Base</p>	 <p>Double Channel Low 2Hole Post Base</p>	 <p>Double Channel High 2Hole Post Base</p>

## FITTINGS

A comprehensive range of fittings are available which are made simple and easy to install and helps you minimize fabrication at the site.

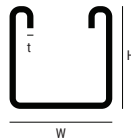
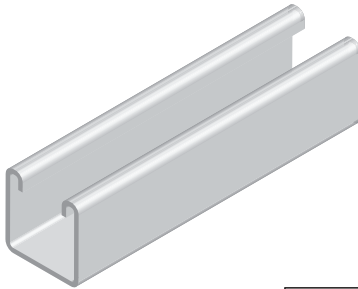
 <p>Square Washer</p>	 <p>2-Hole Flat Plate</p>	 <p>3-Hole Flat Plate</p>	 <p>4-Hole Flat Plate</p>
 <p>3-Hole L-Plate</p>	 <p>4-Hole L-Plate</p>	 <p>3-Hole Tee Plate</p>	 <p>Cross Plate</p>
 <p>2-Hole Angle Fitting</p>	 <p>3-Hole Angle Fitting</p>	 <p>4-Hole Angle Fitting</p>	 <p>4-Hole Triangle</p>

## Cheol CHANNEL PROFILE

The channel profiles are designed to provide an effective yet economical solution to support of a wide variety of items throughout the various industry sectors.

### [ U - Channel Non-Slotted ]

Material: Hot-rolled mild steel  
 Finish: Hot Dip Galvanized(HDG)  
 Length: 3,000mm, Max: 6,000mm  
 Options: Galvanized iron



Unit: mm

Catalog No.	L	W	H	t
CLCH-4	3000	41	41	1.5~2.5

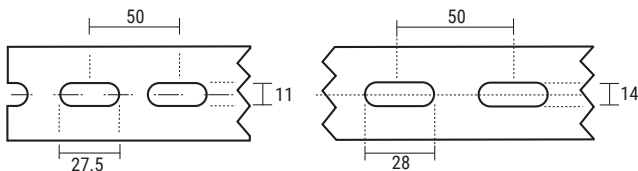
### Uniform Load Capacity

Profile	Le (m)	Safe working loads in kg Uniform		Def. Limit 1/200 of Span - kg	Def. Limit 1/360 of Span - kg	Safe column loads at centroid - kg
		Load (kg)	Def. (mm)			
<b>41x21 mm</b> 	0.50	201	2.6	195	108	2039
	0.75	134	5.5	91	51	1162
	1.00	100	9.6	52	29	681
	1.25	80	15.1	33	18	443
	1.50	67	22.4	22	12	310
	2.00	50	41.1	12	7	
	2.50	40	68.2	7	4	
	3.00	33	105.6	5	3	
<b>Le/rxx &gt; 180</b>						
<b>41x41 mm</b> 	0.50	656	2.1	-	427	3453
	0.75	437	3.1	-	295	3311
	1.00	328	5.0	328	182	3001
	1.25	262	7.5	218	121	2400
	1.50	219	10.9	150	83	1797
	2.00	164	19.9	83	46	1060
	2.50	131	31.8	52	29	690
	3.00	109	47.6	34	19	484

## Cheol METAL FRAMING CHANNEL AS PER BSEN 6946:1988

Channel profiles are also available in Stainless & Aluminium to order Other special gauges can be produced to customer requirements.  
 Channel fitting - refer to Sales Office

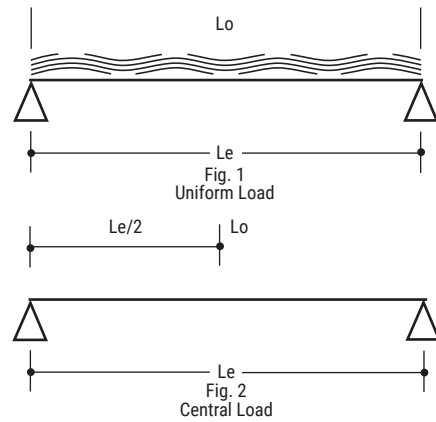
### Slot Details



U-Channel 41x21mm

U-Channel 41x21mm  
 U-Channel 41x41mm

### Loading Arrangements



Hamriyah Free Zone , Phase II ,  
 Sharjah , U.A.E  
 MOB :+971 52 855 0065  
 Email :sales@cheolkorea.com



### Authorized Distributors

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