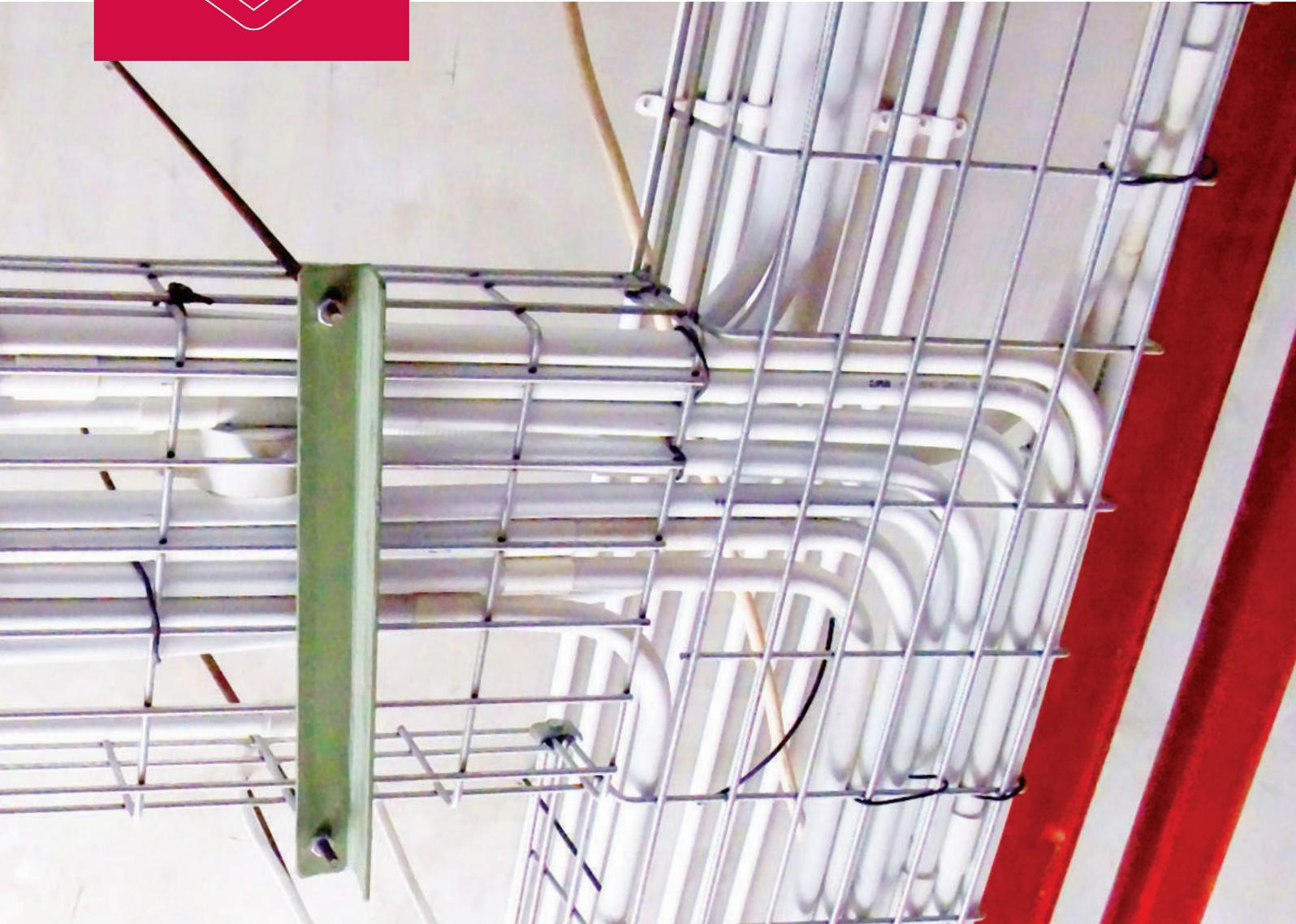




WWW.BEVANANDA.COM



# WE GOT YOU COVERED!

CABLE CAGE SYSTEM THAT IS MEANT TO BE A LABOR AND COST SAVING SYSTEM COMPARED TO THE CONVENTIONAL SHEET METAL CABLE TRAY. SPECIALLY DESIGNED FOR LOW COST SOLUTION.

**SNI** 07-0663-1995  
07-1590-1989  
STANDAR NASIONAL INDONESIA

**KAN**  
Komite Akreditasi Nasional  
Lembaga Sertifikasi Sistem Mutu







## **ABOUT**

Beva Cable Cage System has proven to be a labor saving management system compared to the conventional sheet metal cable tray.

The success of Beva Cable Cage System is due to the versatility, sophisticated installation and cost effective accessories and it is able to compete with characteristic of competitors sheet metal tray.

## **ADVANTAGES**

- Fast and simple on site assembly
- Light weight, strong & effective
- Easy installation
- Easy to upgrade or re-configure
- Simple fixing systems
- Cable safe, flush smooth surfaces & edges
- Adaptable cables can exit cage tray at any point
- Will not break even when overloaded
- High load bearing performance
- Open cable tray allows air circulation to keep wiring cool
- Easy identification for cable problems

## **APPLICATIONS**

- Shopping Centres
- Power Generations
- Mining
- Hospitals
- Agriculture
- Data Centres
- Manufacturing
- Plants
- Food Processing
- Commercial Buildings
- Fibre Optics
- Telecommunications
- Raised Access Floors
- Schools
- Security Monitoring
- Systems

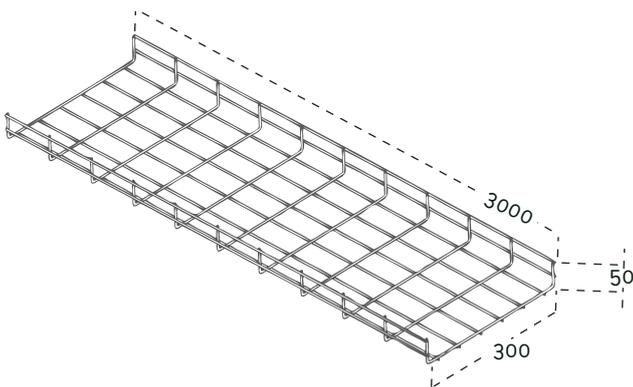
AUTHORIZED DISTRIBUTOR :

# OUR PRODUCTS



## TRAY

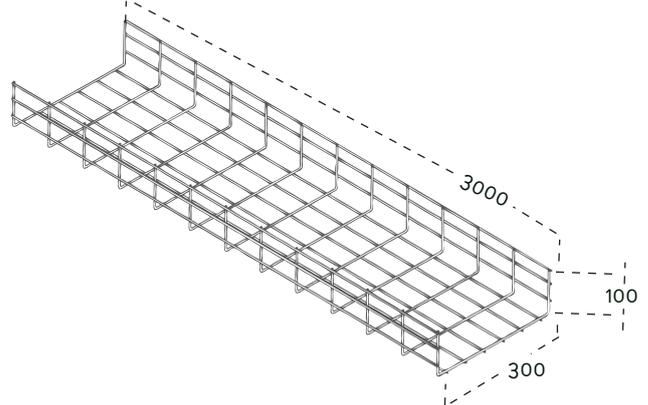
### Standard Cable Tray Size



- Cross wire spacing : 100mm
- Longitudinal wire spacing : 50mm
- Standard length : 3000mm
- Wire Diameter : 5.0mm with Continuous Hotdip Galvanized

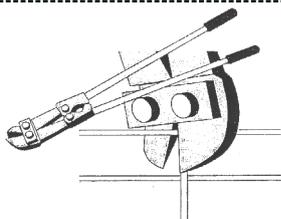
## LADDER

### Standard Cable Ladder Size



- Cross wire spacing : 100mm
- Longitudinal wire spacing : 100mm
- Standard length : 3000mm
- Wire Diameter : 5.0mm with Continuous Hotdip Galvanized

## PRODUCT INSTALLATION



### How to cut wire

The Cable Cage trays are cut light and shape on site to required measurements. Side action bolt cutters with 'offset cut' jaws should be used for cutting. Position the jaws as close as possible to the intersection of the steel and angle cut. This ensures the best results for safety and joining trays.

### Continuity of galvanizes protection

The use of side action bolt cutters ensures the maintenance of the protective layers and helps to create a protective cover to the cut.

**YES**

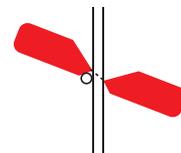


Side action 'offset cut'

**NO**



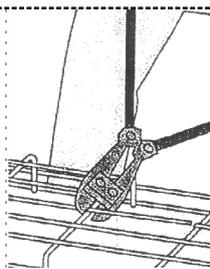
Standard central cut jaws



Correct positioning of bolt cutter jaws.

### Important:

When cutting always keep the remaining sharp edge from the inside of the tray.



**How to cut a**  
Cut the bottom w  
Cutting

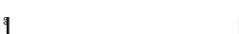
# PRODUCT SPECIFICATION

## CABLE CAGE TRAY

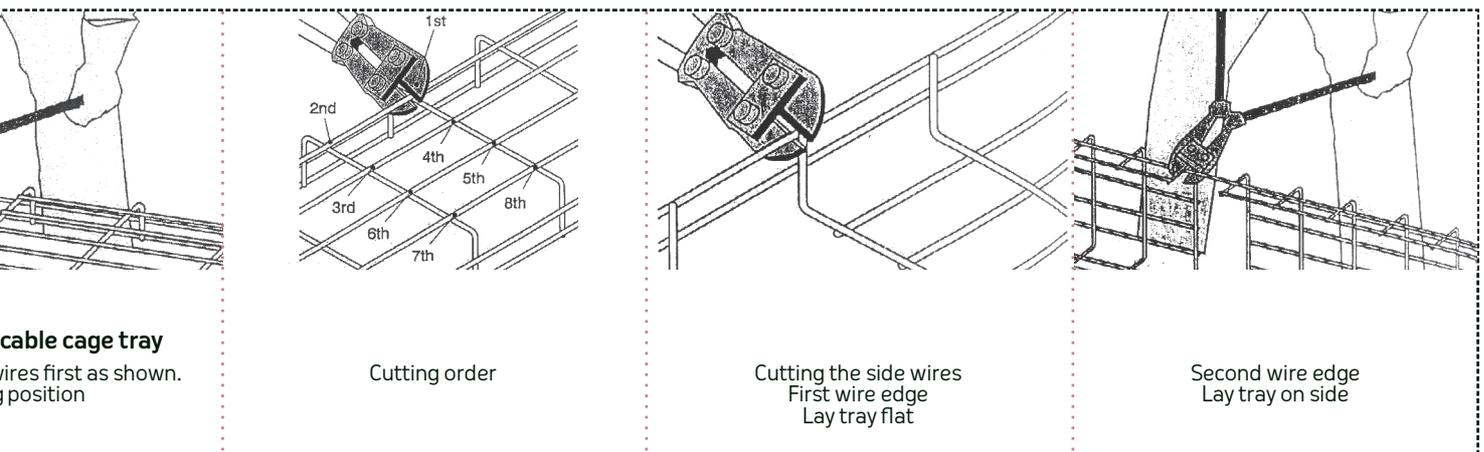
Range		Materials and surface treatments	
Width of Cable Cage Tray in mm		Height in mm	(Continuous Hotdip Galvanized) Code
100		50	CT 100 CHG
150		50	CT 150 CHG
200		50	CT 200 CHG
300		50	CT 300 CHG
400		50	CT 400 CHG
500		50	CT 500 CHG
600		50	CT 600 CHG

- CT : Cable Tray
- HG : Continuous Hotdip Galvanized

## CABLE CAGE LADDER

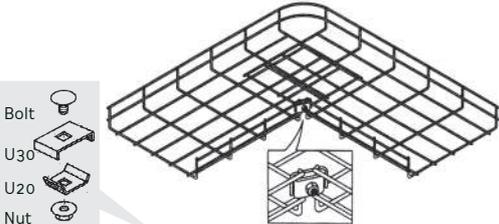
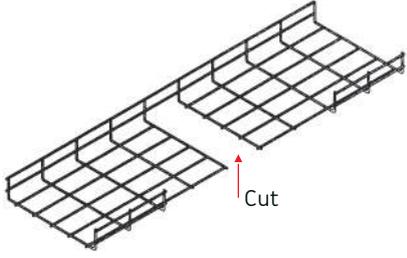
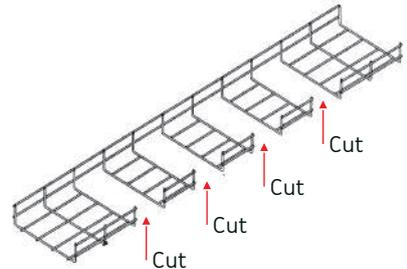
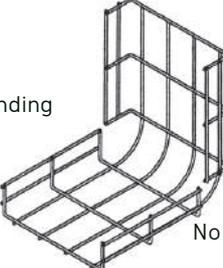
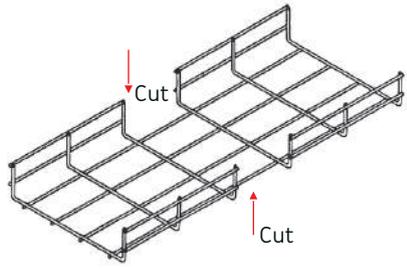
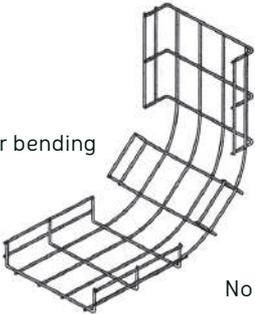
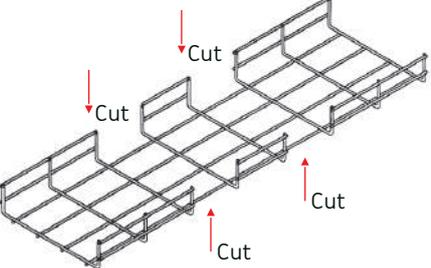
Range		Materials and surface treatments	
Width of Cable Cage Tray in mm		Height in mm	(Continuous Hotdip Galvanized) Code
100		100	CL 100 CHG
150		100	CL 150 CHG
200		100	CL 200 CHG
300		100	CL 300 CHG
400		100	CL 400 CHG
500		100	CL 500 CHG
600		100	CL 600 CHG

- CL : Cable Ladder
- CHG : Continuous Hotdip Galvanized

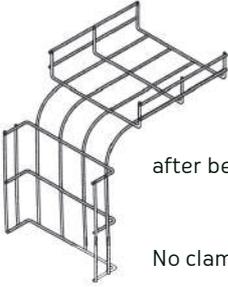
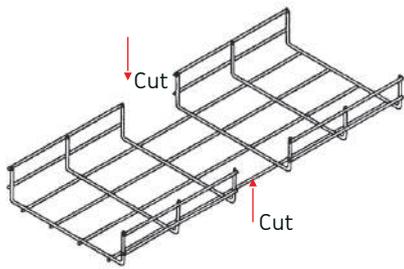
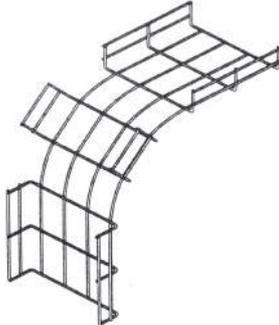
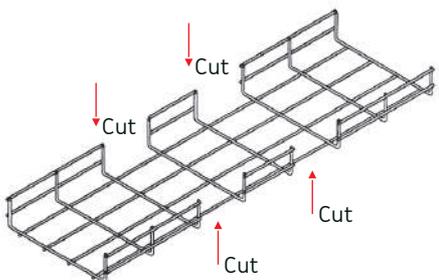
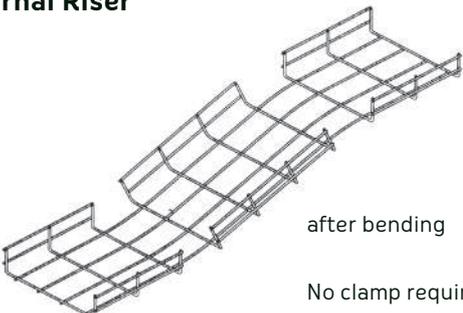
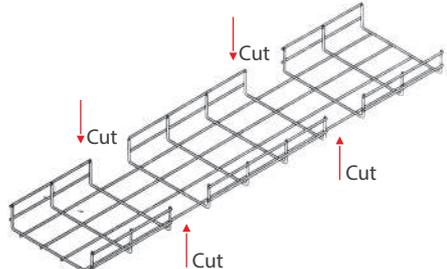
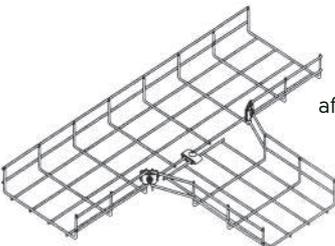
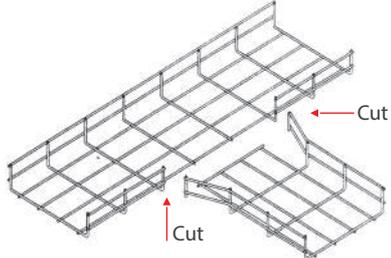


# HOW TO SHAPE THE FITTINGS

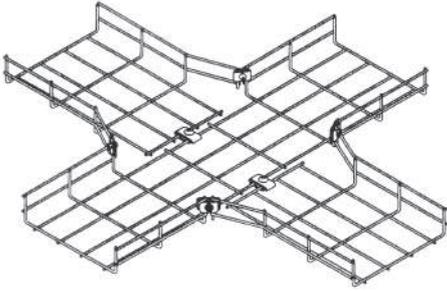
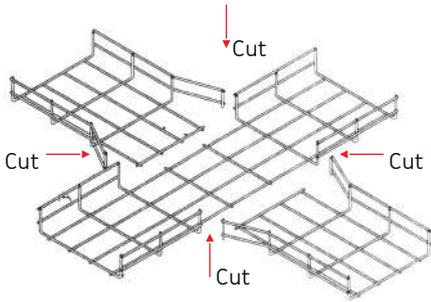
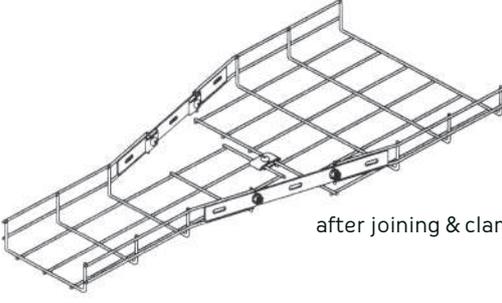
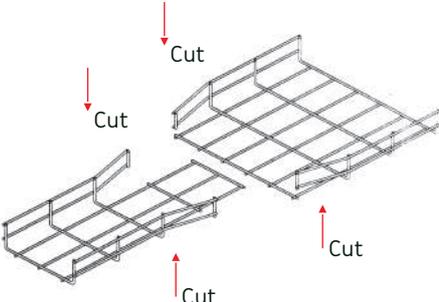
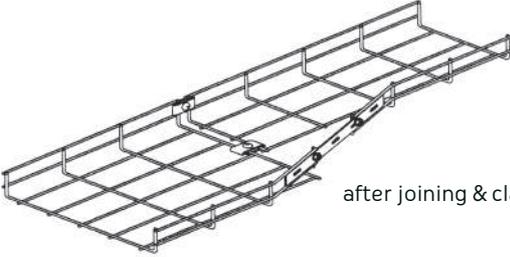
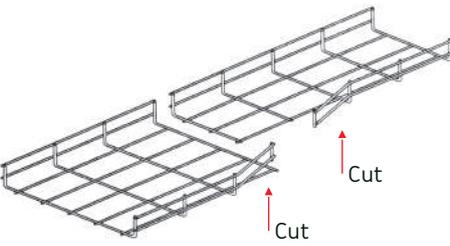
## SIMPLY MADE OUT OF STANDARD STRAIGHT TRAY LENGTHS

Type	Cutting Pattern
<p><b>1A. Horizontal Elbow 900</b></p> <p>after bending &amp; clamping</p>  <p>Bolt U30 U20 Nut</p> <p>Requirement : Fitting Clamp, including Bolt, Nut, &amp; Washer</p>	
<p><b>1B. Long Radius Horizontal Elbow 900</b></p> <p>after bending &amp; clamping</p>  <p>Requirement : Fitting Clamp, including Bolt, Nut, &amp; Washer</p>	
<p><b>2A. In-Side Riser (Vertical Elbow-In) 900</b></p> <p>after bending</p>  <p>No clamp required</p>	
<p><b>2B. Long Radius In-Side Riser (Vertical Elbow-In) 900</b></p> <p>after bending</p>  <p>No clamp required</p>	

# HOW TO SHAPE THE FITTINGS

Type	Cutting Pattern
<p><b>3A. Out-Side Riser (Vertical Elbow-Out) 900</b></p>  <p>after bending</p> <p>No clamp required</p>	
<p><b>3B. Long Radius Out-Side Riser (Vertical Elbow-Out) 900</b></p>  <p>after bending</p> <p>No clamp required</p>	
<p><b>4. External Riser</b></p>  <p>after bending</p> <p>No clamp required</p>	
<p><b>5. Tee Piece Equal</b></p>  <p>after joining &amp; clamping</p> <p>Requirement : Fitting Clamp, including Bold, Nut, &amp; Washer</p>	

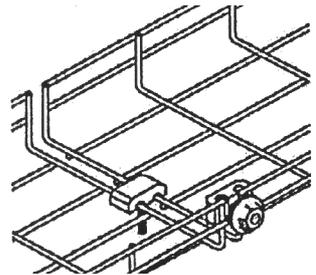
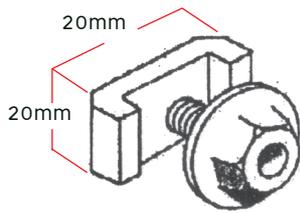
# HOW TO SHAPE THE FITTINGS

Type	Cutting Pattern
<p><b>6. Cross Piece</b></p> <p>after joining &amp; clamping</p>  <p>Requirement : Fitting Clamp, including Bold, Nut, &amp; Washer</p>	
<p><b>7A. Straight Reducer</b></p> <p>after joining &amp; clamping</p>  <p>Requirement : Fitting Clamp, including Bold, Nut, &amp; Washer Fitting Plate + Clamp, including Bold, Nut, &amp; Washer</p>	
<p><b>7B. Left Reducer</b></p> <p>after joining &amp; clamping</p>  <p>Requirement : Fitting Clamp, including Bold, Nut, &amp; Washer Fitting Plate + Clamp, including Bold, Nut, &amp; Washer</p>	

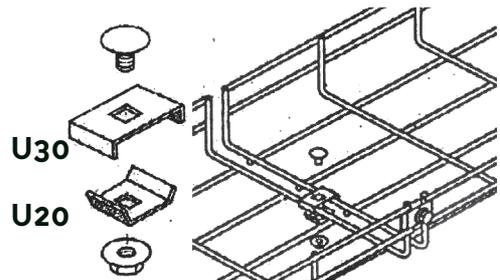


## ALTERNATE CABLE CAGE WIRE TRAY COUPLING ASSEMBLIES

### Rapid Fit Connector



### U20 + U30 Fixing clamp assembly with TRCC 6 x 20 nut and bolt.



NOTE: Always use nuts on the outside of trays

### COUPLINGS - Rapid Fit and U20+U30

Width of Cable Cage Tray	Side	Bottom
100 mm to 200 mm	<b>2 Rapid Fit Connectors</b> 2 U20+U30 Assemblies plus 2 TRCC 6x20 nuts and bolts	<b>1 Rapid Fit Connectors</b> 1 U20+U30 Assemblies plus 1 TRCC 6x20 nuts and bolts
300 mm to 600 mm	<b>2 Rapid Fit Connectors</b> 2 U20+U30 Assemblies plus 2 TRCC 6x20 nuts and bolts	<b>2 Rapid Fit Connectors</b> 2 U20+U30 Assemblies plus 2 TRCC 6x20 nuts and bolts



**"THE NO.1 TRUSTED STEEL MANUFACTURER  
FOR WIRE PRODUCTS"**

**PT. BEVANANDA MUSTIKA**

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