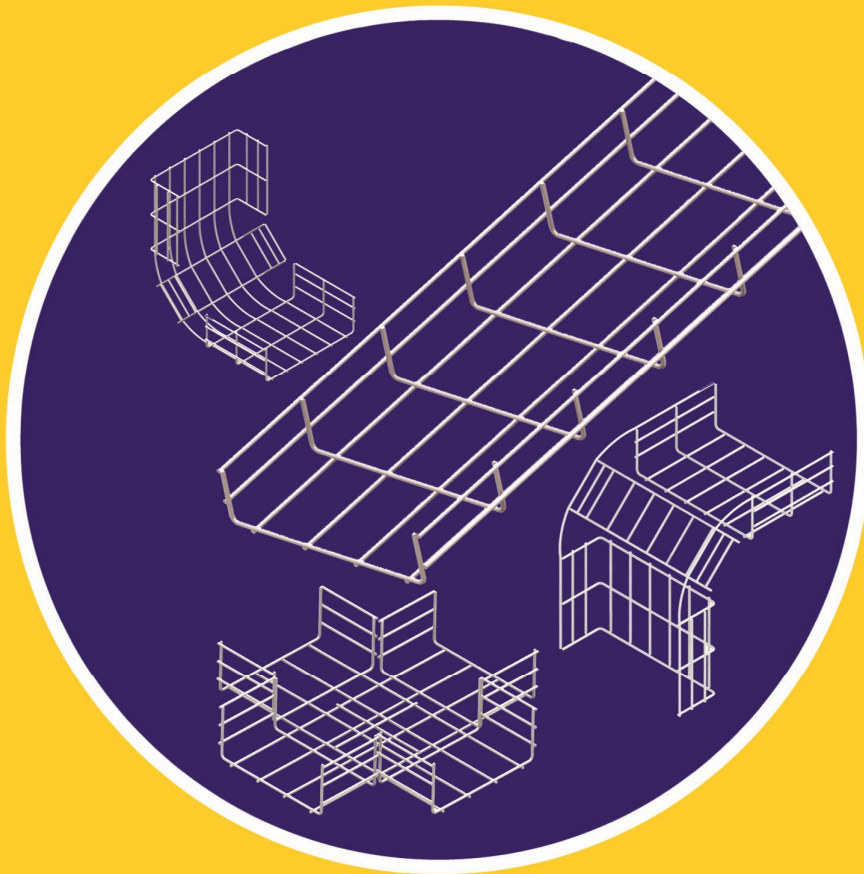


Power Solution Industries

WIREMESH CABLE TRAY SYSTEM



A CABLE MANAGEMENT SYSTEM

CONTENTS

WIRE MESH CABLE TRAY	2
WIRE MESH CABLE TRAY FITTINGS	4
WIRE MESH CABLE TRAY ACCESSORIES	9
WIRE MESH CABLE TRAY INSTALLATION	16
WIRE MESH CABLE TRAY LOAD GRAPH	21



ISO 9001 : 2008 Certified

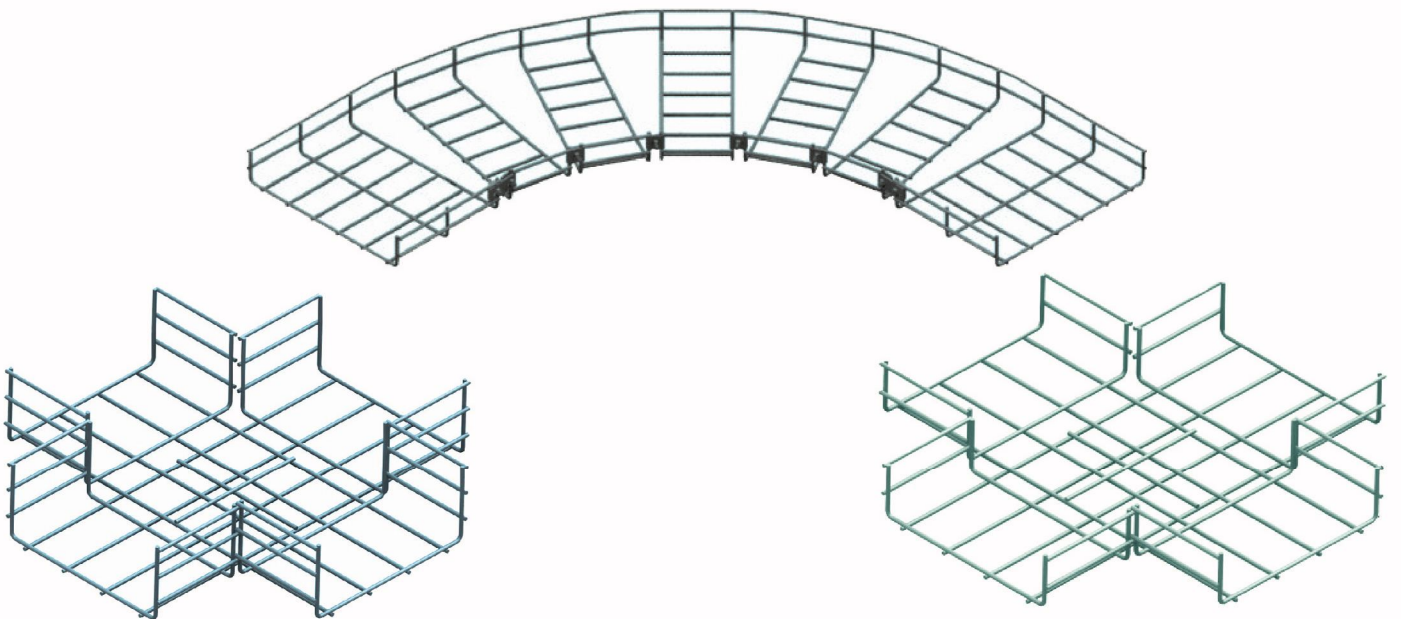


QUALITY ASSURANCE

Power Solution Industries quality plan conforms comprehensively to ISO 9001:2008. The quality assessment and reviews are carried out by DET NORSKE VERITAS.

The organization defines its quality objectives at the various levels of the company in order to achieve continual improvement in quality management system

A CABLE MANAGEMENT SYSTEM



WIREMESH CABLE TRAYS

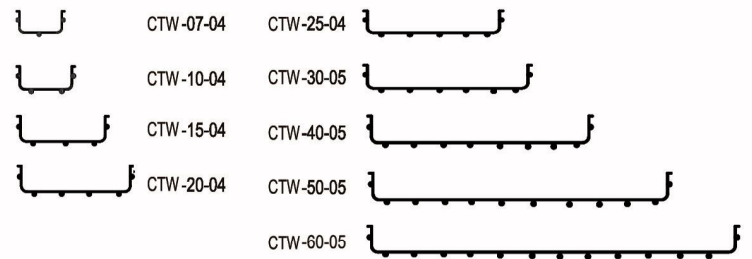
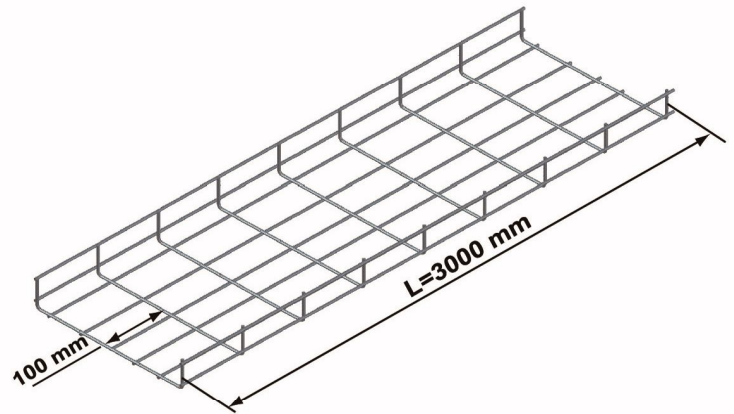
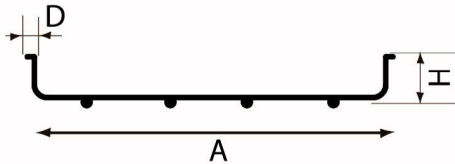
WIREMESH CABLE TRAY

(Height = 35 mm)

ORDER CODE	H mm	A mm	ØD mm	WEIGHT (kg/m)
CTW-07-04	35	70	4	0.554
CTW-10-04	35	100	4	0.617
CTW-15-04	35	150	4	0.777
CTW-20-04	35	200	4	0.936
CTW-25-04	35	250	4	1.096
CTW-30-04	35	300	4	1.256
CTW-30-05	35	300	5	1.764
CTW-40-04	35	400	4	1.575
CTW-40-05	35	400	5	2.212
CTW-50-04	35	500	4	1.895
CTW-50-05	35	500	5	2.661
CTW-60-04	35	600	4	2.214
CTW-60-05	35	600	5	3.109

NOTE:

Standard length is 3000mm



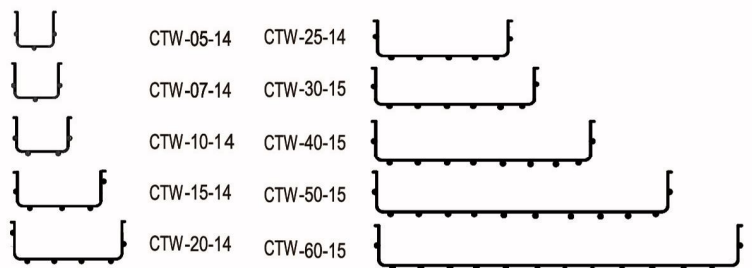
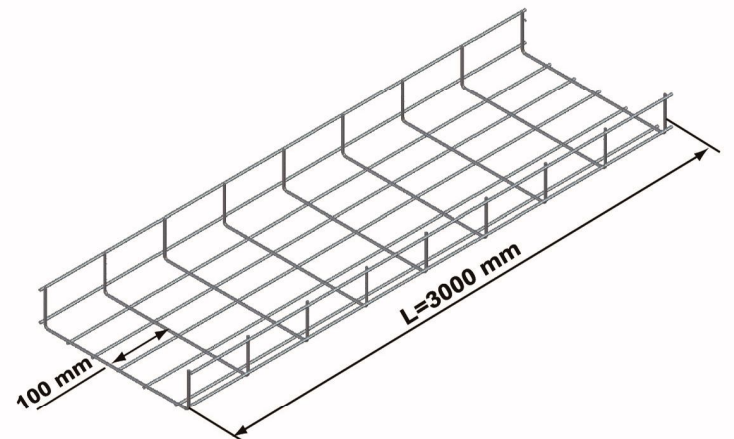
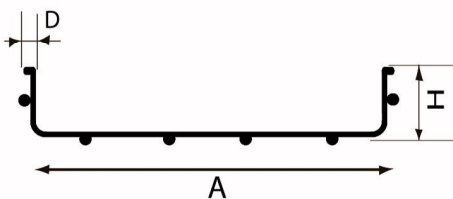
WIREMESH CABLE TRAY

(Height = 50 mm)

ORDER CODE	H mm	A mm	ØD mm	WEIGHT (kg/m)
CTW-05-14	50	50	4	0.682
CTW-07-14	50	70	4	0.708
CTW-10-14	50	100	4	0.841
CTW-15-14	50	150	4	1.002
CTW-20-14	50	200	4	1.165
CTW-25-14	50	250	4	1.319
CTW-30-14	50	300	4	1.488
CTW-30-15	50	300	5	2.091
CTW-40-14	50	400	4	1.810
CTW-40-15	50	400	5	2.543
CTW-50-14	50	500	4	2.131
CTW-50-15	50	500	5	2.994
CTW-60-14	50	600	4	2.453
CTW-60-15	50	600	5	3.446

NOTE:

Standard length is 3000mm

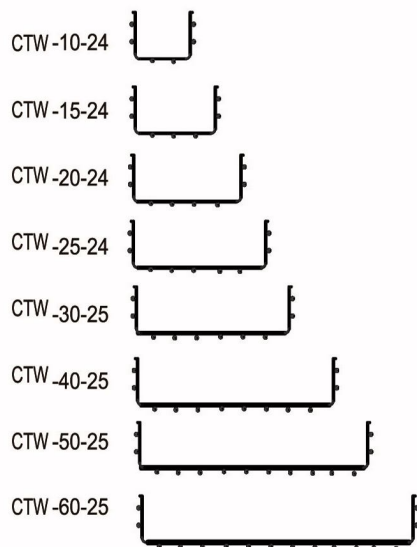
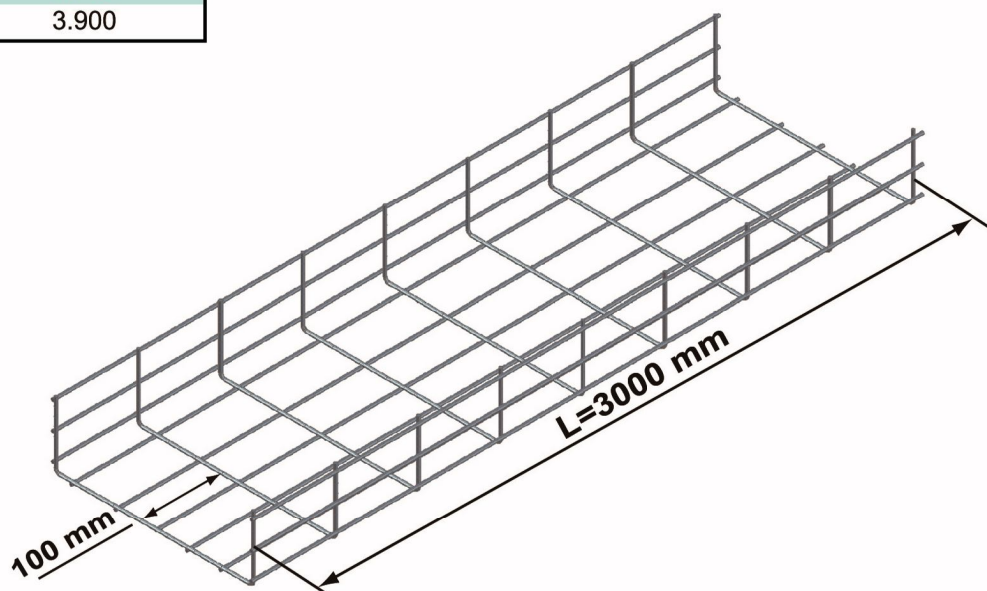
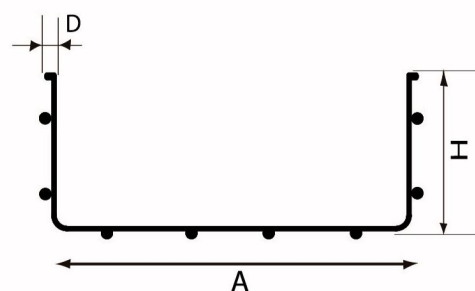


WIREMESH CABLE TRAY

(Height = 100 mm)

ORDER CODE	H mm	A mm	ØD mm	WEIGHT (kg/m)
CTW-10-24	100	100	4	1.165
CTW-15-24	100	150	4	1.319
CTW-20-24	100	200	4	1.488
CTW-25-24	100	250	4	1.649
CTW-30-24	100	300	4	1.810
CTW-30-25	100	300	5	2.543
CTW-40-24	100	400	4	2.131
CTW-40-25	100	400	5	2.994
CTW-50-24	100	500	4	2.453
CTW-50-25	100	500	5	3.446
CTW-60-24	100	600	4	2.776
CTW-60-25	100	600	5	3.900

NOTE:
Standard length is 3000mm

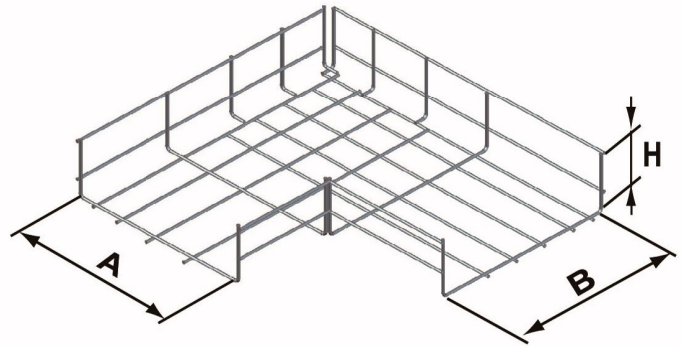


WIREMESH CABLE TRAYS FITTINGS

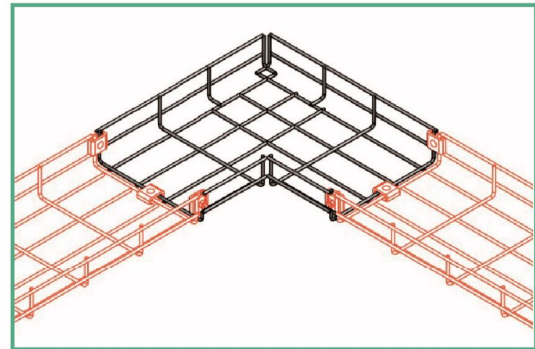
HORIZONTAL BEND 90 DEGREE

(Height = 50 mm)

ORDER CODE	H mm	A mm	ØD mm	WEIGHT (kg/pcs)
CTW-D10-14	50	100	4	0.323
CTW-D20-14	50	200	4	0.614
CTW-D30-14	50	300	4	0.988
CTW-D30-15	50	300	5	1.525
CTW-D40-14	50	400	4	1.445
CTW-D40-15	50	400	5	2.231
CTW-D50-14	50	500	4	1.985
CTW-D50-15	50	500	5	3.065
CTW-D60-14	50	600	4	2.610
CTW-D60-15	50	600	5	4.029



CTW-D20-1

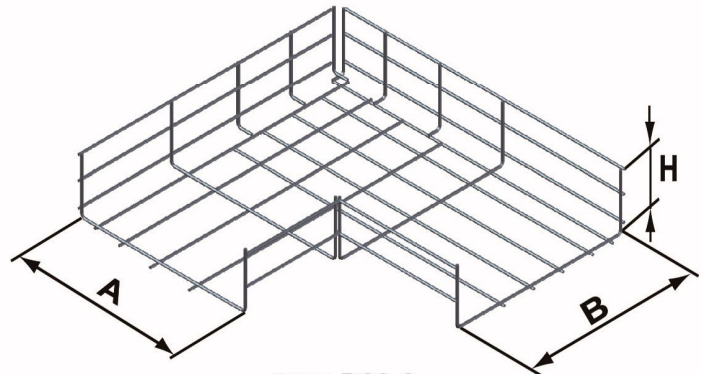


CTW-D20-1 Connection Example

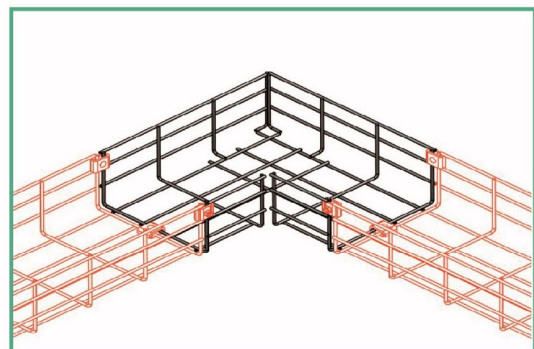
HORIZONTAL BEND 90 DEGREE

(Height = 100 mm)

ORDER CODE	H mm	A mm	ØD mm	WEIGHT (kg/pcs)
CTW-D10-24	100	100	4	0.447
CTW-D20-24	100	200	4	0.769
CTW-D30-24	100	300	4	1.173
CTW-D30-25	100	300	5	1.811
CTW-D40-24	100	400	4	1.661
CTW-D40-25	100	400	5	2.565
CTW-D50-24	100	500	4	2.233
CTW-D50-25	100	500	5	3.448
CTW-D60-24	100	600	4	2.891
CTW-D60-25	100	600	5	4.463



CTW-D20-2

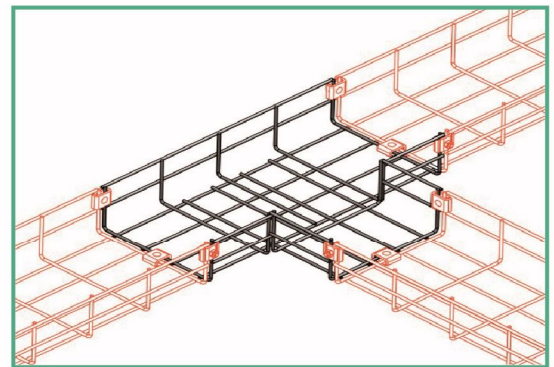
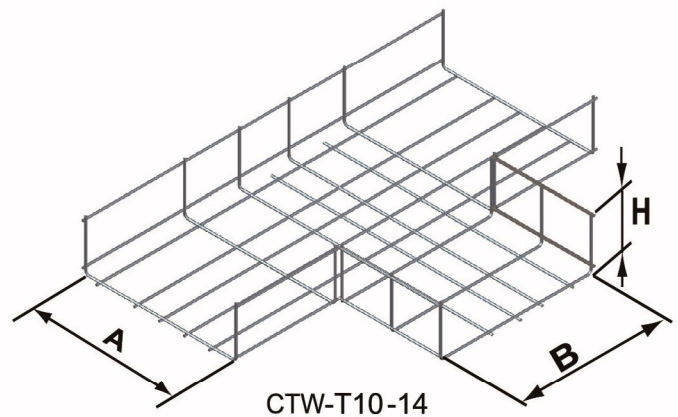


CTW-D20-2 Connection Example

A CABLE MANAGEMENT SYSTEM

HORIZONTAL TEES (Height = 50 mm)

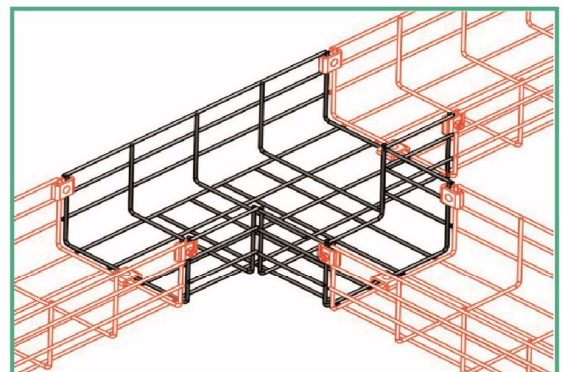
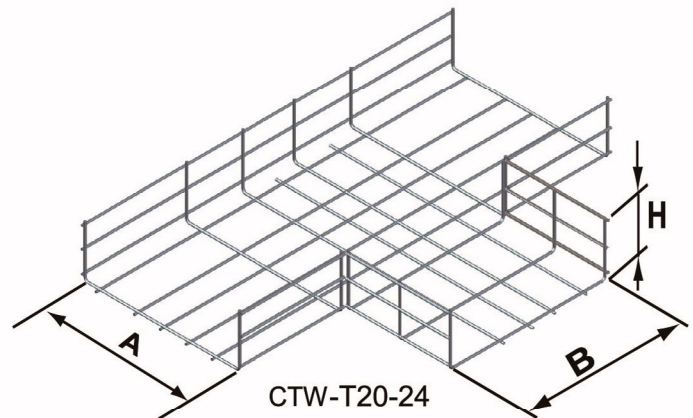
ORDER CODE	H mm	A mm	ØD mm	WEIGHT (kg/pcs)
CTW-T10-14	50	100	4	0.373
CTW-T20-14	50	200	4	0.656
CTW-T30-14	50	300	4	1.023
CTW-T30-15	50	300	5	1.579
CTW-T40-14	50	400	4	1.472
CTW-T40-15	50	400	5	2.273
CTW-T50-14	50	500	4	2.005
CTW-T50-15	50	500	5	3.096
CTW-T60-14	50	600	4	2.623
CTW-T60-15	50	600	5	4.049



CTW-T10-14 Connection Example

HORIZONTAL TEES (Height = 100 mm)

ORDER CODE	H mm	A mm	ØD mm	WEIGHT (kg/pcs)
CTW-T10-24	100	100	4	0.512
CTW-T20-24	100	200	4	0.811
CTW-T30-24	100	300	4	1.192
CTW-T30-25	100	300	5	1.840
CTW-T40-24	100	400	4	1.657
CTW-T40-25	100	400	5	2.558
CTW-T50-24	100	500	4	2.206
CTW-T50-25	100	500	5	3.406
CTW-T60-24	100	600	4	2.840
CTW-T60-25	100	600	5	4.385

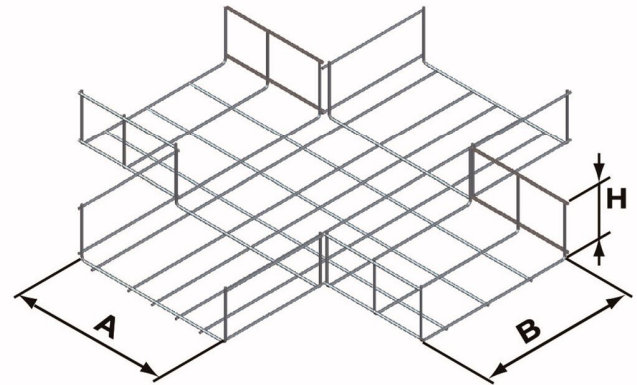


CTW-T20-24 Connection Example

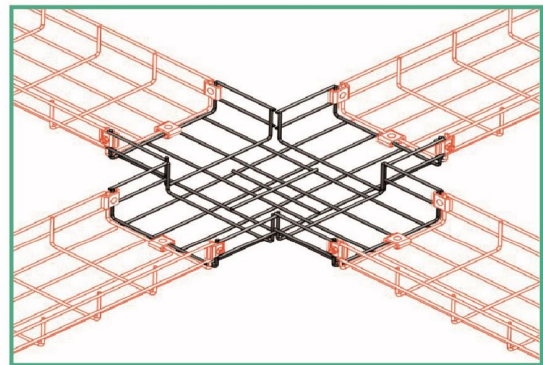
WIREMESH CABLE TRAYS FITTINGS

CROSS HORIZONTAL TAL (Height = 50 mm)

ORDER CODE	H mm	A mm	ØD mm	WEIGHT (kg/pcs)
CTW-C10-14	50	100	4	0.455
CTW-C20-14	50	200	4	0.753
CTW-C30-14	50	300	4	1.134
CTW-C30-15	50	300	5	1.751
CTW-C40-14	50	400	4	1.598
CTW-C40-15	50	400	5	2.466
CTW-C50-14	50	500	4	2.145
CTW-C50-15	50	500	5	3.311
CTW-C60-14	50	600	4	2.776
CTW-C60-15	50	600	5	4.286



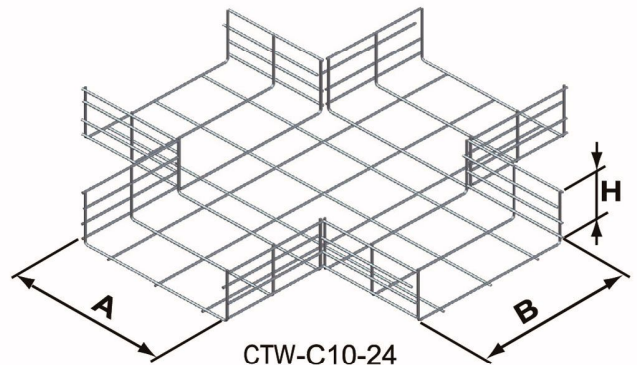
CTW-C10-14



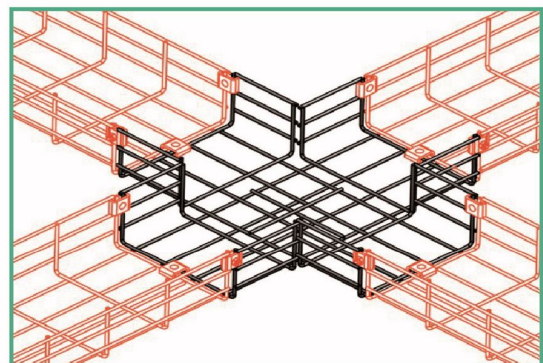
CTW-C10-14 Connection Example

CROSS HORIZONTAL TAL (Height = 100 mm)

ORDER CODE	H mm	A mm	ØD mm	WEIGHT (kg/pcs)
CTW-C10-24	100	100	4	0.627
CTW-C20-24	100	200	4	0.924
CTW-C30-24	100	300	4	1.304
CTW-C30-25	100	300	5	2.013
CTW-C40-24	100	400	4	1.767
CTW-C40-25	100	400	5	2.728
CTW-C50-24	100	500	4	2.315
CTW-C50-25	100	500	5	3.573
CTW-C60-24	100	600	4	2.948
CTW-C60-25	100	600	5	4.550



CTW-C10-24



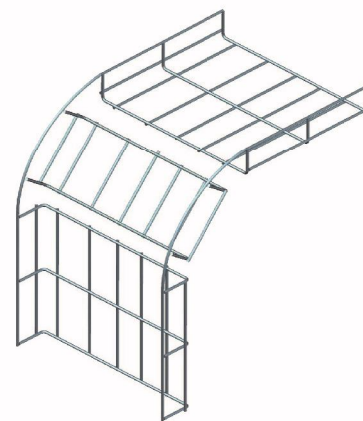
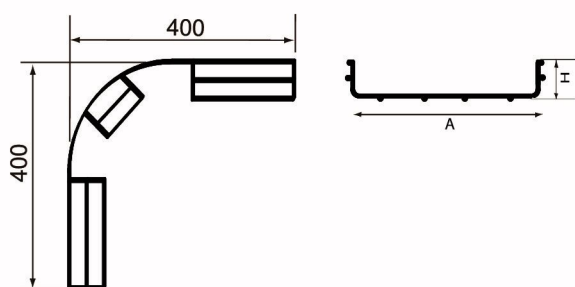
CTW-C10-24 Connection Example

A CABLE MANAGEMENT SYSTEM

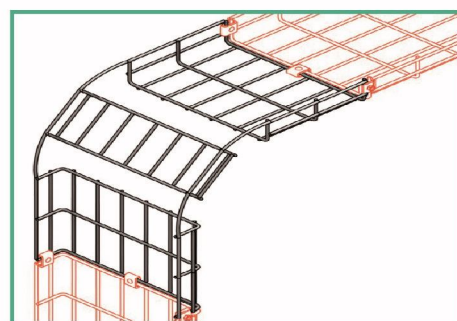
EXTERNAL RISER

(Height = 50 mm)

ORDER CODE	H mm	A mm	ØD mm	WEIGHT (kg/pcs)
CTW-ER05-14	50	50	4	0.407
CTW-ER07-14	50	70	4	0.424
CTW-ER10-14	50	100	4	0.497
CTW-ER15-14	50	150	4	0.590
CTW-ER20-14	50	200	4	0.683
CTW-ER25-14	50	250	4	0.770
CTW-ER30-15	50	300	5	1.228
CTW-ER40-15	50	400	5	1.488
CTW-ER50-15	50	500	5	1.748
CTW-ER60-15	50	600	5	2.008



CTW- ER 30-15

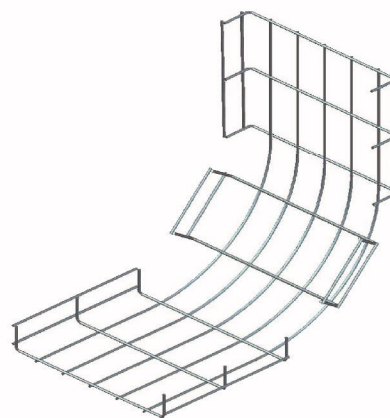
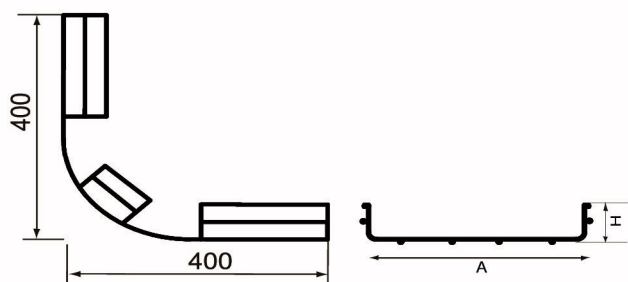


CTW- ER30-15 Connection Example

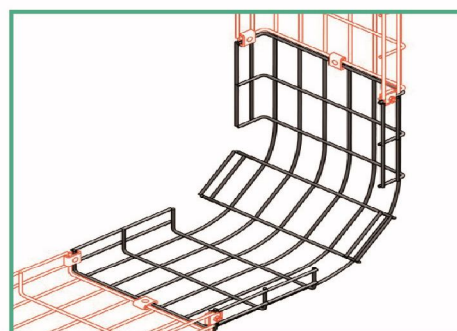
INTERNAL RISER

(Height = 50 mm)

ORDER CODE	H mm	A mm	ØD mm	WEIGHT (kg/pcs)
CTW-IR 05-14	50	50	4	0.389
CTW-IR 07-14	50	70	4	0.406
CTW-IR 10-14	50	100	4	0.497
CTW-IR 15-14	50	150	4	0.608
CTW-IR 20-14	50	200	4	0.719
CTW-IR 25-14	50	250	4	0.823
CTW-IR 30-15	50	300	5	1.329
CTW-IR 40-15	50	400	5	1.639
CTW-IR 50-15	50	500	5	1.950
CTW-IR 60-15	50	600	5	2.260



CTW-IR30-15



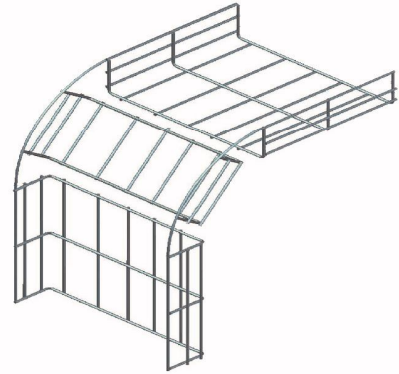
CTW-IR30-15 Connection Example

WIREMESH CABLE TRAYS FITTINGS

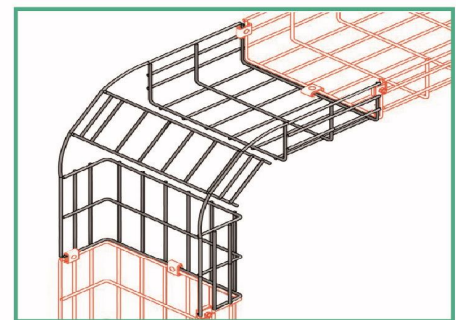
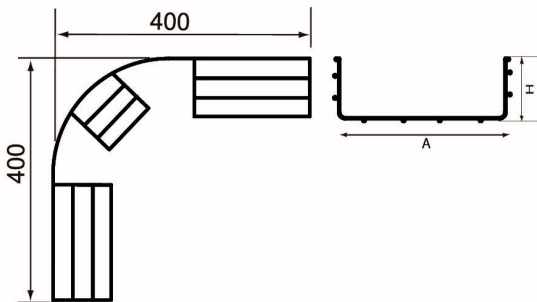
EXTERNAL RISER

(Height = 100 mm)

ORDER CODE	H mm	A mm	ØD mm	WEIGHT (kg/pcs)
CTW-ER10-24	100	100	4	0.683
CTW-ER15-24	100	150	4	0.770
CTW-ER20-24	100	200	4	0.868
CTW-ER25-24	100	250	4	0.960
CTW-ER30-25	100	300	5	1.488
CTW-ER40-25	100	400	5	1.748
CTW-ER50-25	100	500	5	2.008
CTW-ER60-25	100	600	5	2.270



CTW-ER30-25

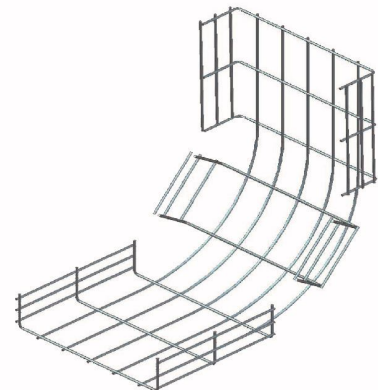


CTW-ER30-25 Connection Example

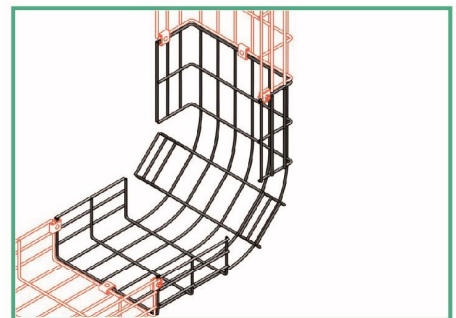
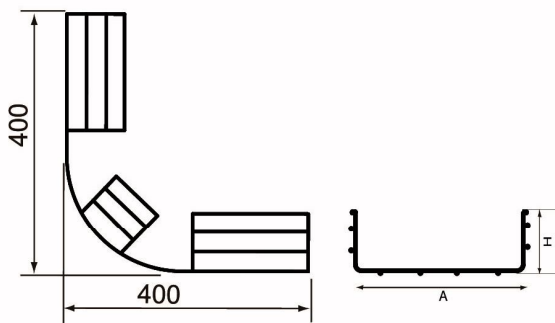
INTERNAL RISER

(Height = 100 mm)

ORDER CODE	H mm	A mm	ØD mm	WEIGHT (kg/pcs)
CTW-IR10-24	100	100	4	0.683
CTW-IR15-24	100	150	4	0.787
CTW-IR20-24	100	200	4	0.904
CTW-IR25-24	100	250	4	1.013
CTW-IR30-25	100	300	5	1.589
CTW-IR40-25	100	400	5	1.899
CTW-IR50-25	100	500	5	2.210
CTW-IR60-25	100	600	5	2.522



CTW-IR30-25



CTW-IR30-25 Connection Example

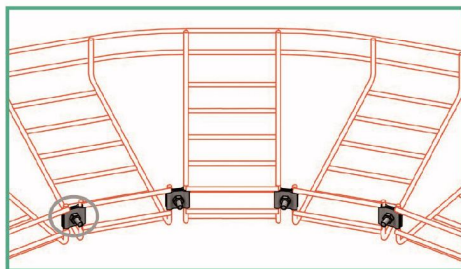
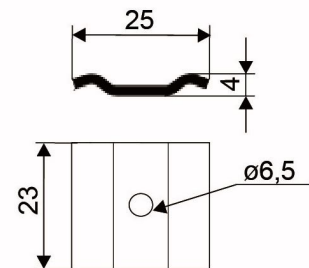
A CABLE MANAGEMENT SYSTEM

COUPLERS

ORDER CODE	T mm	WEIGHT (kg/pcs)
CTW-1-1	2	0,022
CTW-1-2	2	0,021



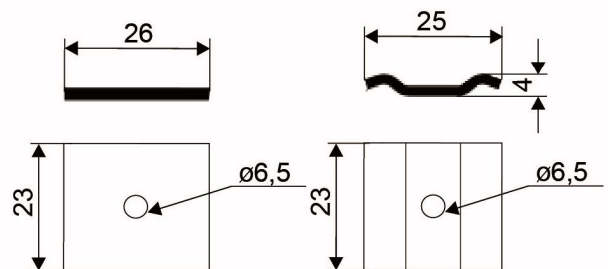
CTW-1-1



CTW-1-1 Connection Example



CTW-1-2

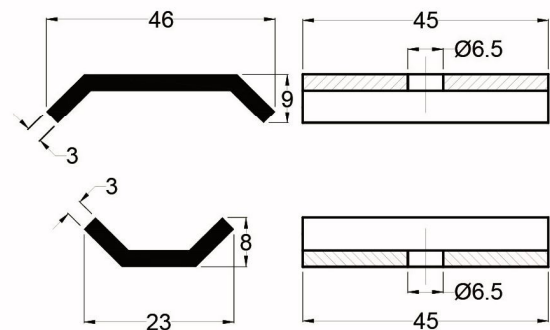


COUPLERS

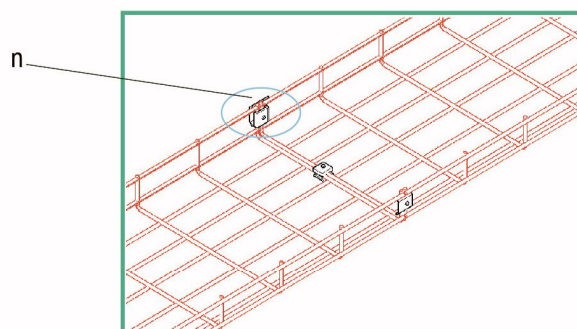
ORDER CODE	T mm	WEIGHT (kg/pcs)
CTW-2-1	3	0,065



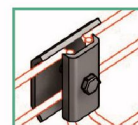
CTW-2-1



WIDTH (mm)	n
A 50	2
A 70	2
A 100	2
A 150	2
A 200	2+1
A 250	2+1
A 300	2+2
A 400	2+2
A 500	2+2
A 600	2+2



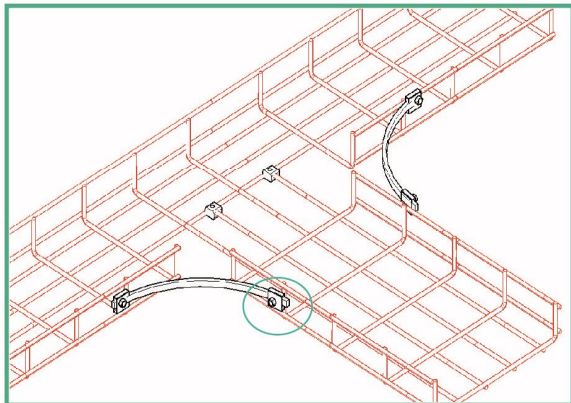
CTW-2-1 Connection Example



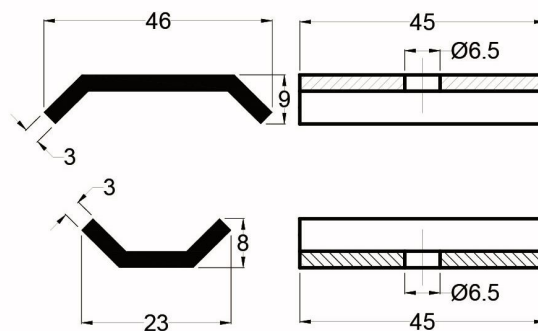
WIREMESH CABLE TRAYS ACCESSORIES

COUPLERS

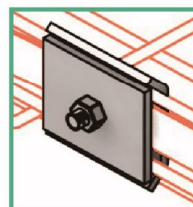
ORDER CODE	T mm	WEIGHT (kg/pcs)
CTW-2-2	3	0.078



CTW-2-2 Connection Example

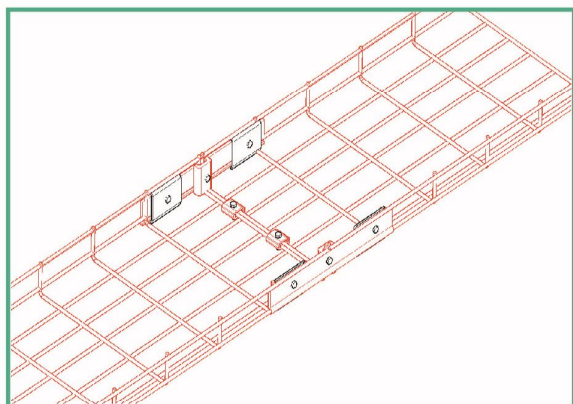


CTW-2-2

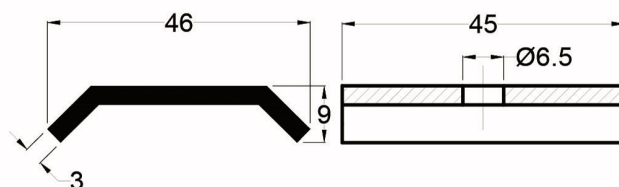


COUPLERS

ORDER CODE	T mm	WEIGHT (kg/pcs)
CTW-2-1-U	3	0.081



CTW-2-1-U Connection Example



CTW-2-1-U

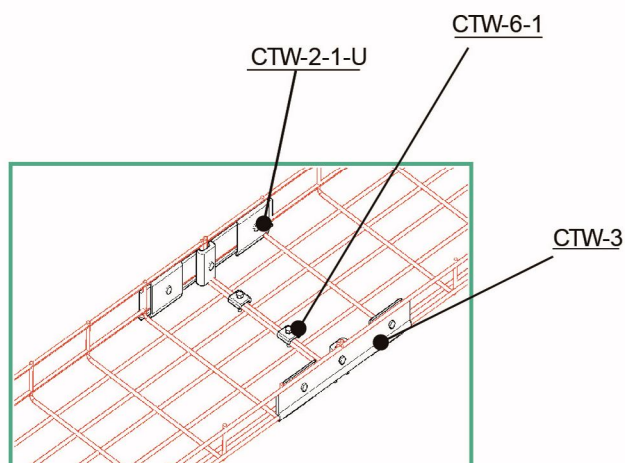
A CABLE MANAGEMENT SYSTEM

COUPLERS

ORDER CODE	WEIGHT (kg/pcs)
CTW-3	0.158

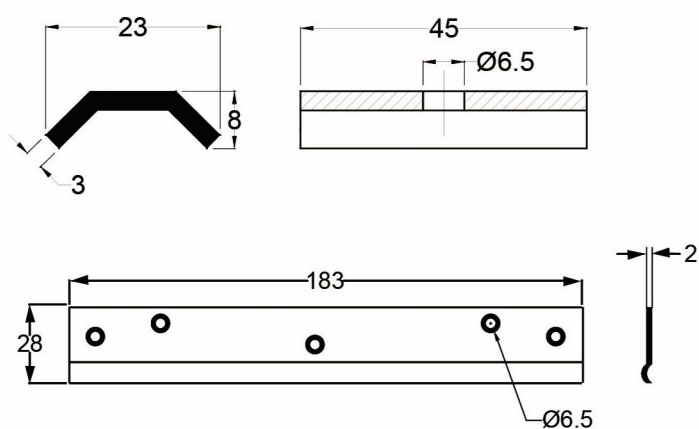


CTW-3



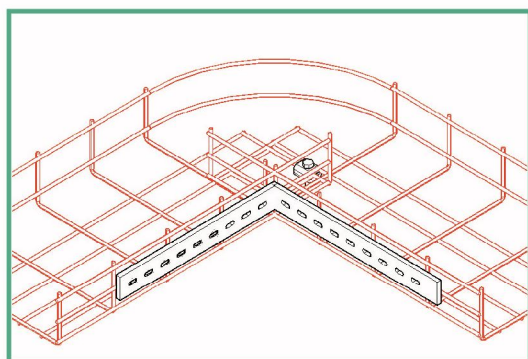
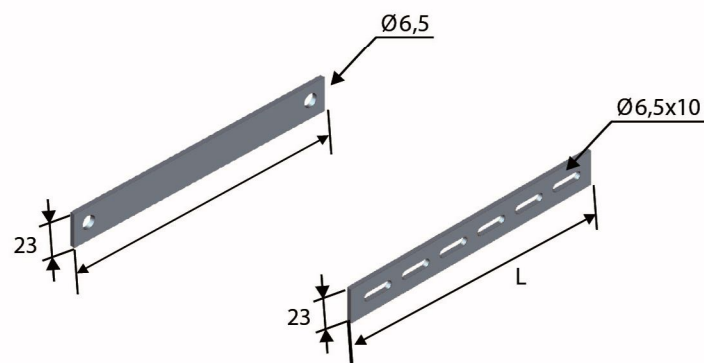
CTW-3 Connection Example

WIDTH (mm)	CTW-3	CTW-6-1	CTW-6-1-U
A 50	2	-	-
A 70	2	-	-
A 100	2	-	-
A 150	2	-	-
A 200	2	1	-
A 250	2	1	-
A 300	2	2	4
A 400	2	2	4
A 500	2	2	4
A 600	2	2	4

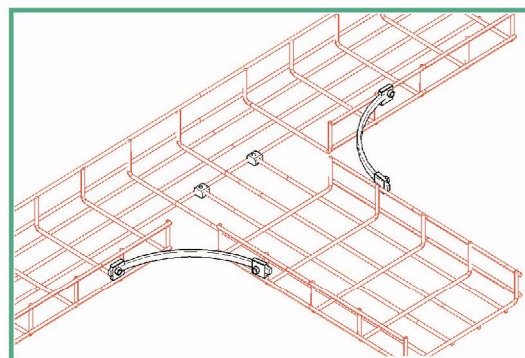


COUPLERS

ORDER CODE	mm	mm	WEIGHT (kg/pcs)
CTW-5-1	370	1.2	0.239
CTW-5-2	-	1.2	0.213



CTW-5-2 Connection Example



CTW-5-1 Connection Example

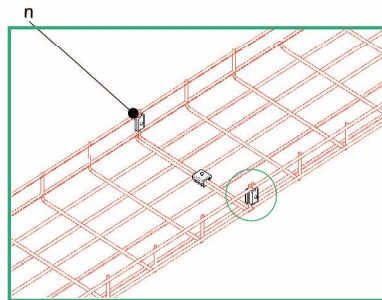
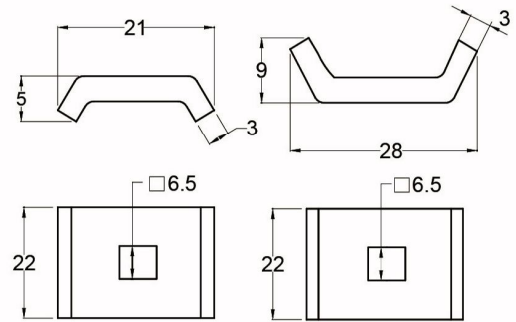
WIREMESH CABLE TRAYS ACCESSORIES

COUPLERS

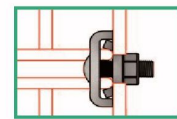
ORDER CODE	T mm	WEIGHT (kg/pcs)
CTW-6-1	3	0.039

WIDTH (mm)	n
A 50	2
A 70	2
A 100	2
A 150	2
A 200	2+1
A 250	2+1
A 300	2+2
A 400	2+2
A 500	2+2
A 600	2+2

CTW-6-1



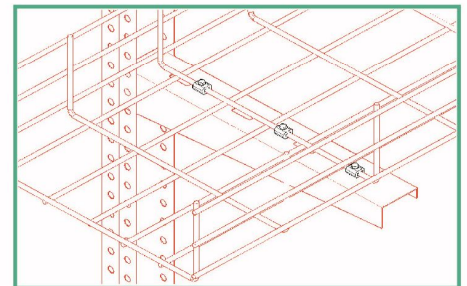
CTW-6-1 Connection Example



COUPLERS

ORDER CODE	T mm	WEIGHT (kg/pcs)
CTW-6-1-U	3	0.035

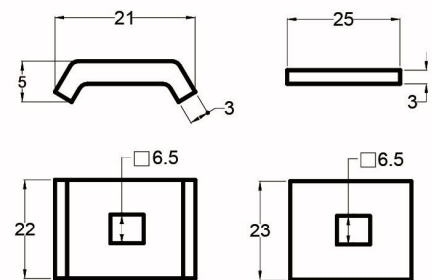
CTW-6-1-U



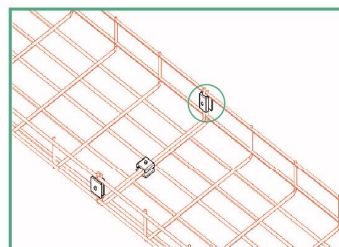
CTW-6-1-U Connection Example

ORDER CODE	T mm	WEIGHT (kg/pcs)
CTW-6-2	3	0.035

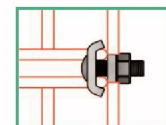
CTW-6-2



WIDTH (mm)	n
A 50	2
A 70	2
A 100	2
A 150	2
A 200	2+1
A 250	2+1



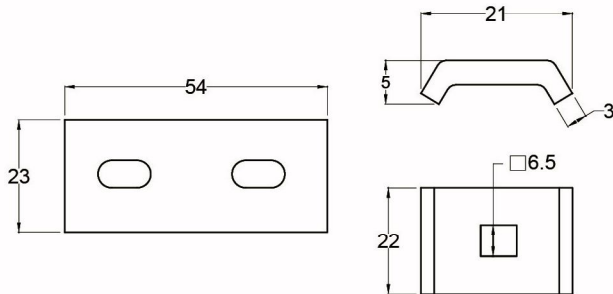
CTW-6-2 Connection Example



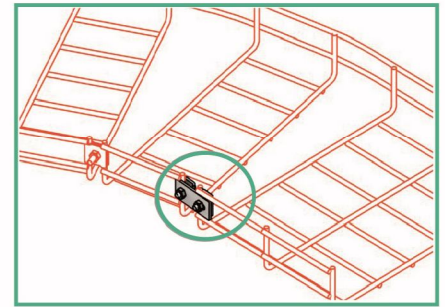
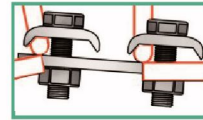
A CABLE MANAGEMENT SYSTEM

COUPLERS

ORDER CODE	T mm	WEIGHT (kg/pcs)
CTW-6-3	3	0.068



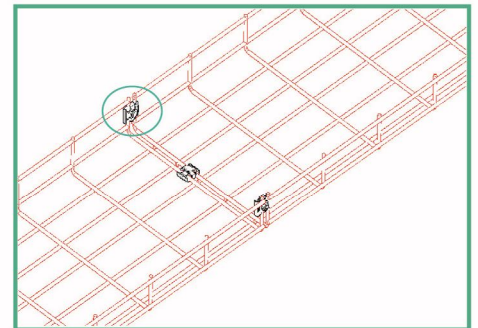
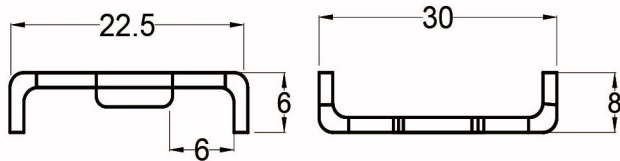
CTW-6-3



CTW-6-3 Connection Example

COUPLERS

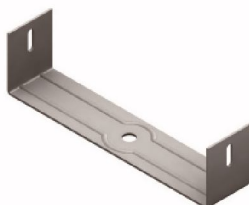
ORDER CODE	T mm	WEIGHT (kg/pcs)
CTW-7-1	3	0.37



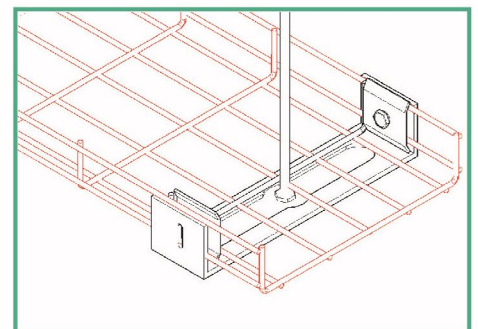
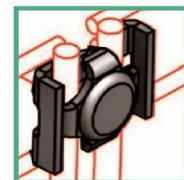
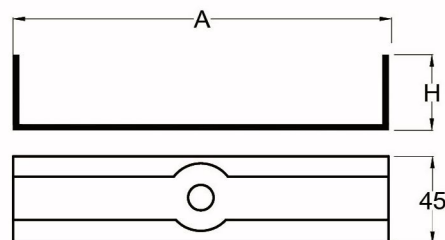
CTW-7-1 Connection Example

TRAY CARRIERS

ORDER CODE	H mm	A mm	T mm	WEIGHT (kg/pcs)
CTW-T1-07-1	60	75	1.5	0.103
CTW-T1-10-1	60	105	1.5	0.121
CTW-T1-16-1	60	165	1.5	0.155
CTW-T1-20-1	60	205	2.0	0.232
CTW-T1-10-2	110	110	1.5	0.181
CTW-T1-16-2	110	165	1.5	0.213
CTW-T1-20-2	110	205	2.0	0.308



CTW-T1-20-1

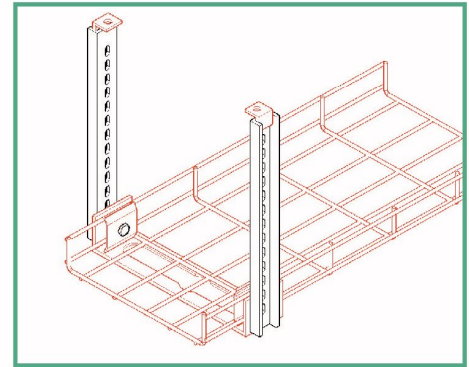
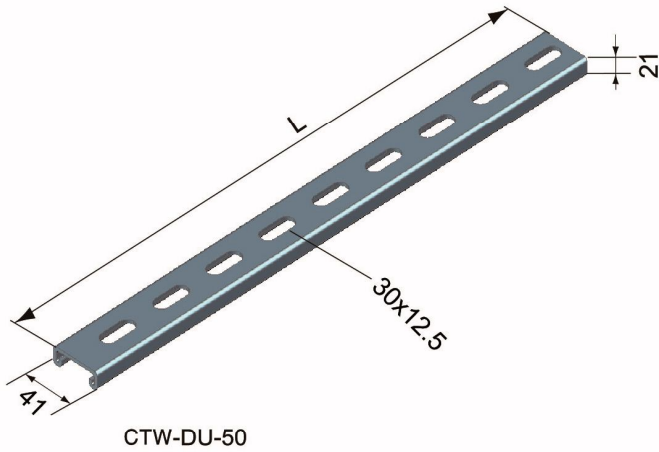


CTW-T1-20-1 Connection Example

WIREMESH CABLE TRAYS ACCESSORIES

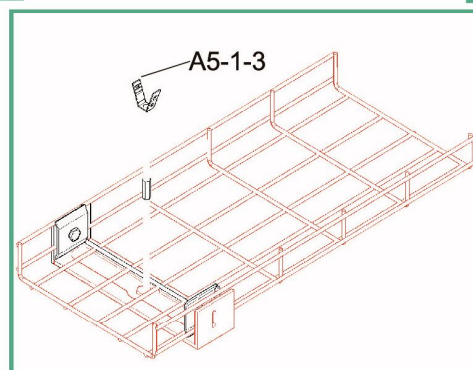
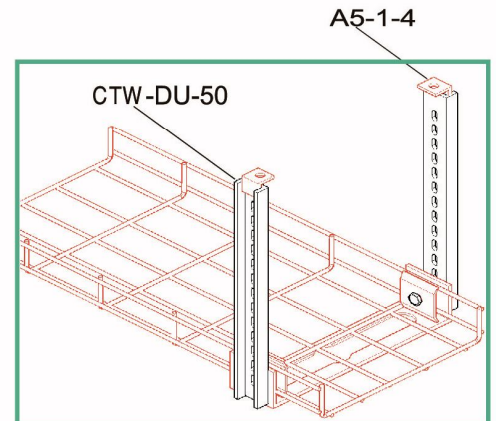
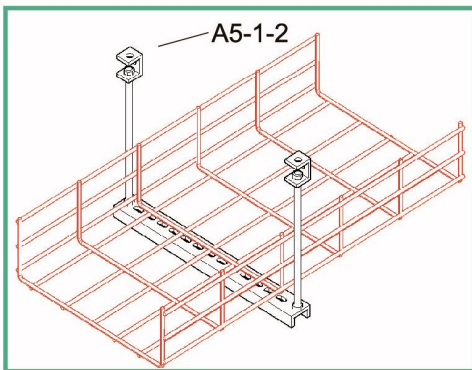
U SUPPO RT SYSTEMS

ORDER CODE	L mm	T mm
CTW-DU-20	200	3.0
CTW-DU-30	300	3.0
CTW-DU-40	400	3.0
CTW-DU-50	500	3.0
CTW-DU-70	700	3.0
CTW-DU-100	1000	3.0
A5-1-4	-	3.0



CTW-DU-50 Connection Example

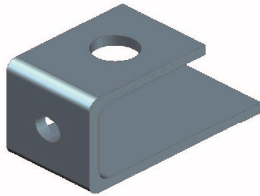
EXAMPLES



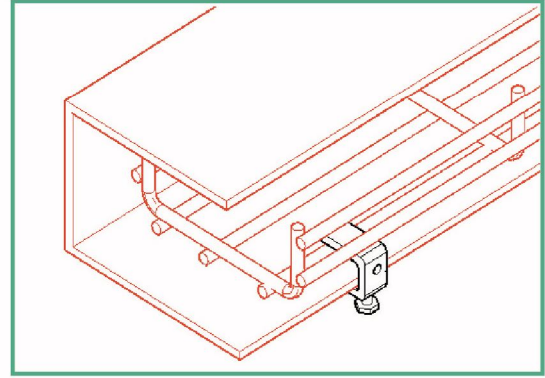
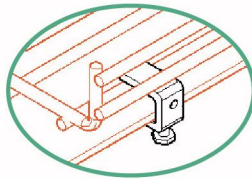
A CABLE MANAGEMENT SYSTEM

TR AY CARRIERS

ORDER CODE	H mm	T mm	WEIGHT (kg/pcs)
CTW-T4	25	4.0	0.086



CTW-T4



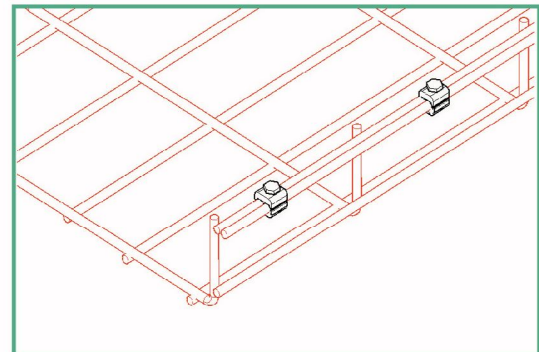
CTW-T4 Connection Example

BONDING JUMPER

ORDER CODE	WEIGHT (kg/pcs)
ATP-1	0,048
ATP-2	0,046



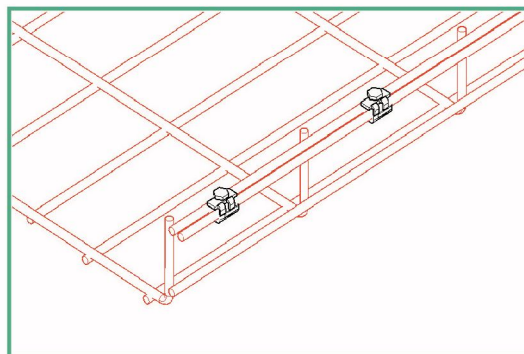
BJ -1



BJ -1 Connection Example



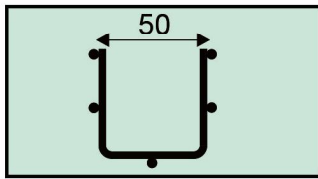
BJ -2



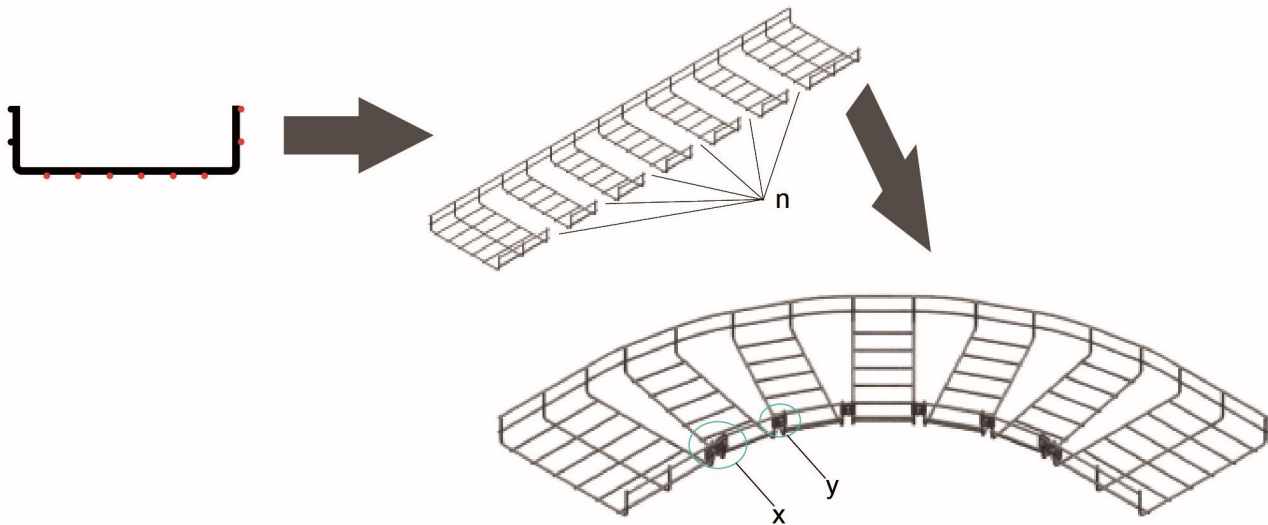
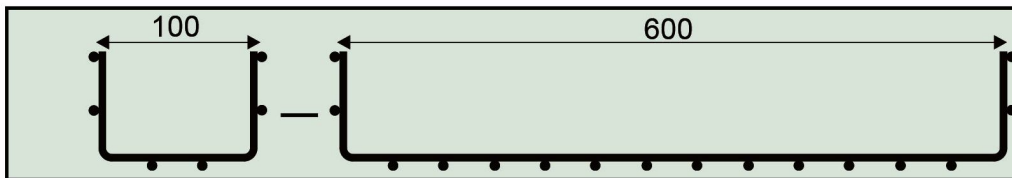
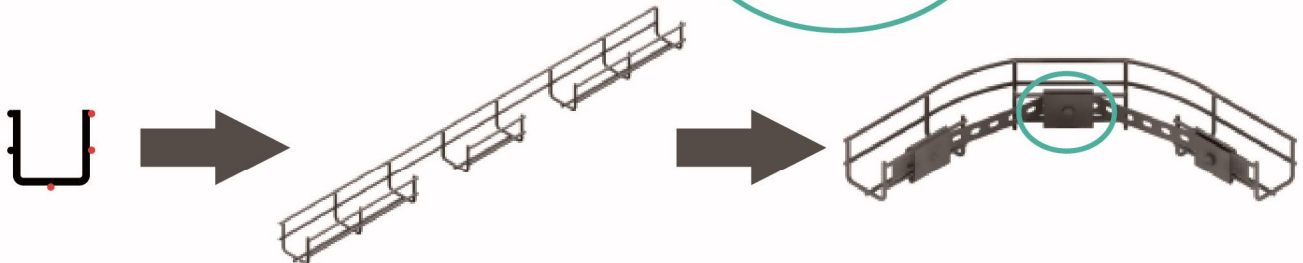
BJ -2 Connection Example

WIREMESH CABLE TRAYS INSTALLATION

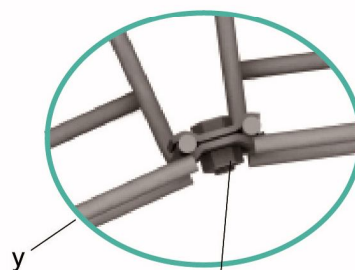
90 DEGREES BEND



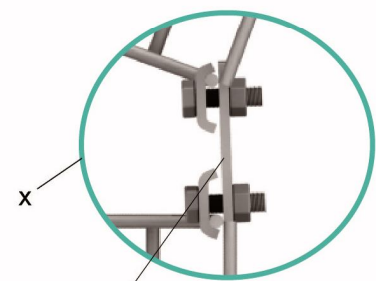
CTW-2-2



WIDTH (mm)	n	x	y
A 100	3	3	0
A 150	4	4	0
A 200	4	2	2
A 250	5	2	3
A 300	6	2	4
A 400	8	2	6
A 500	9	0	9
A 600	11	1	10

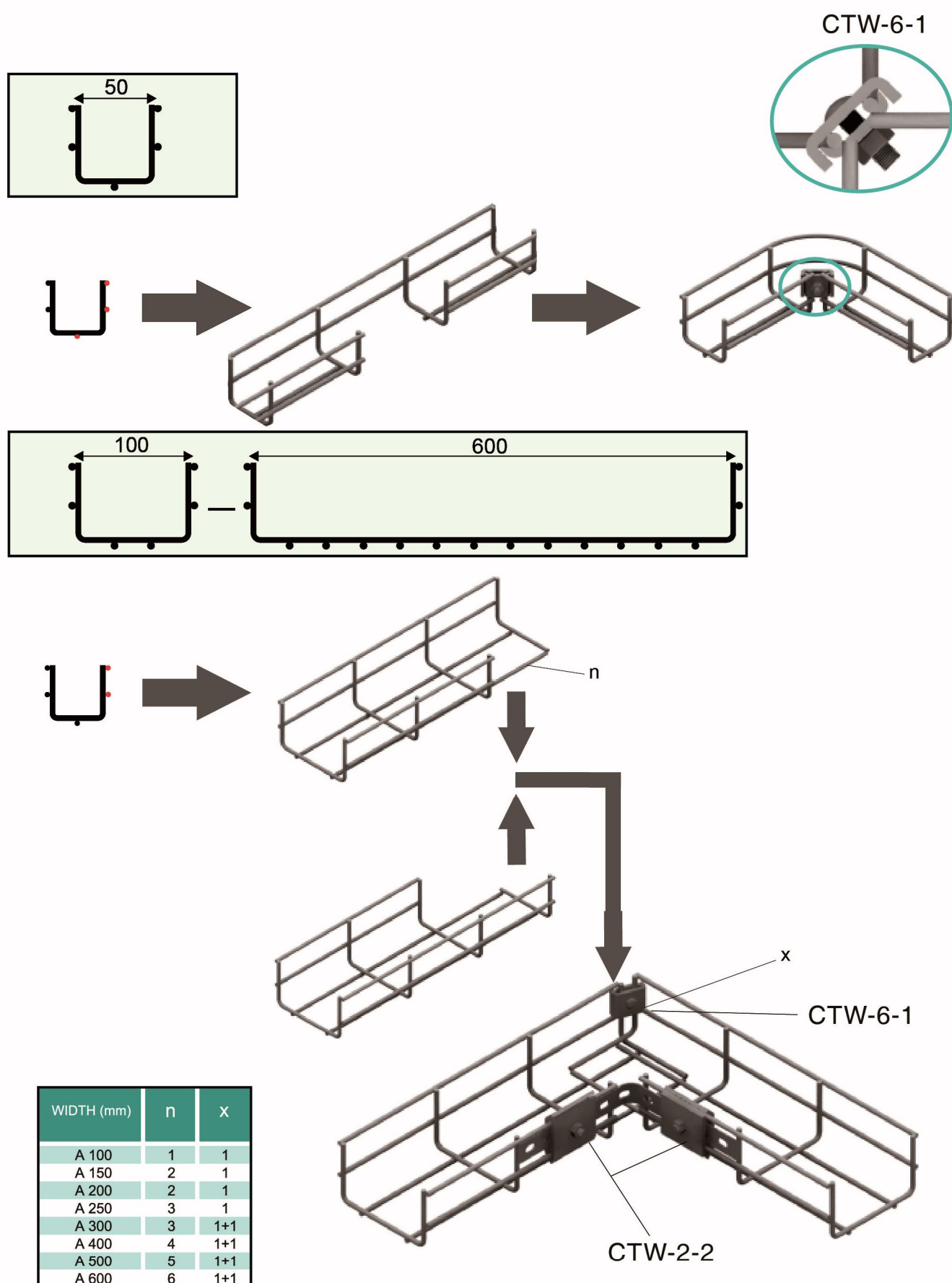


CTW-1-1



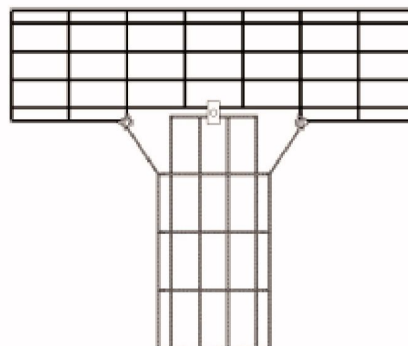
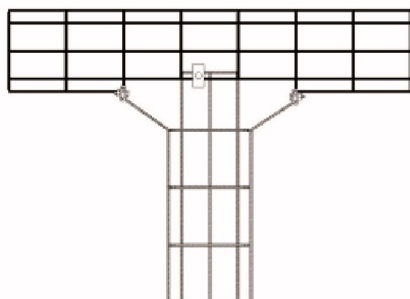
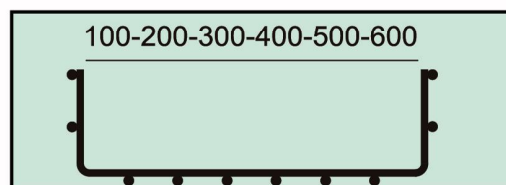
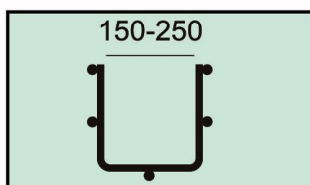
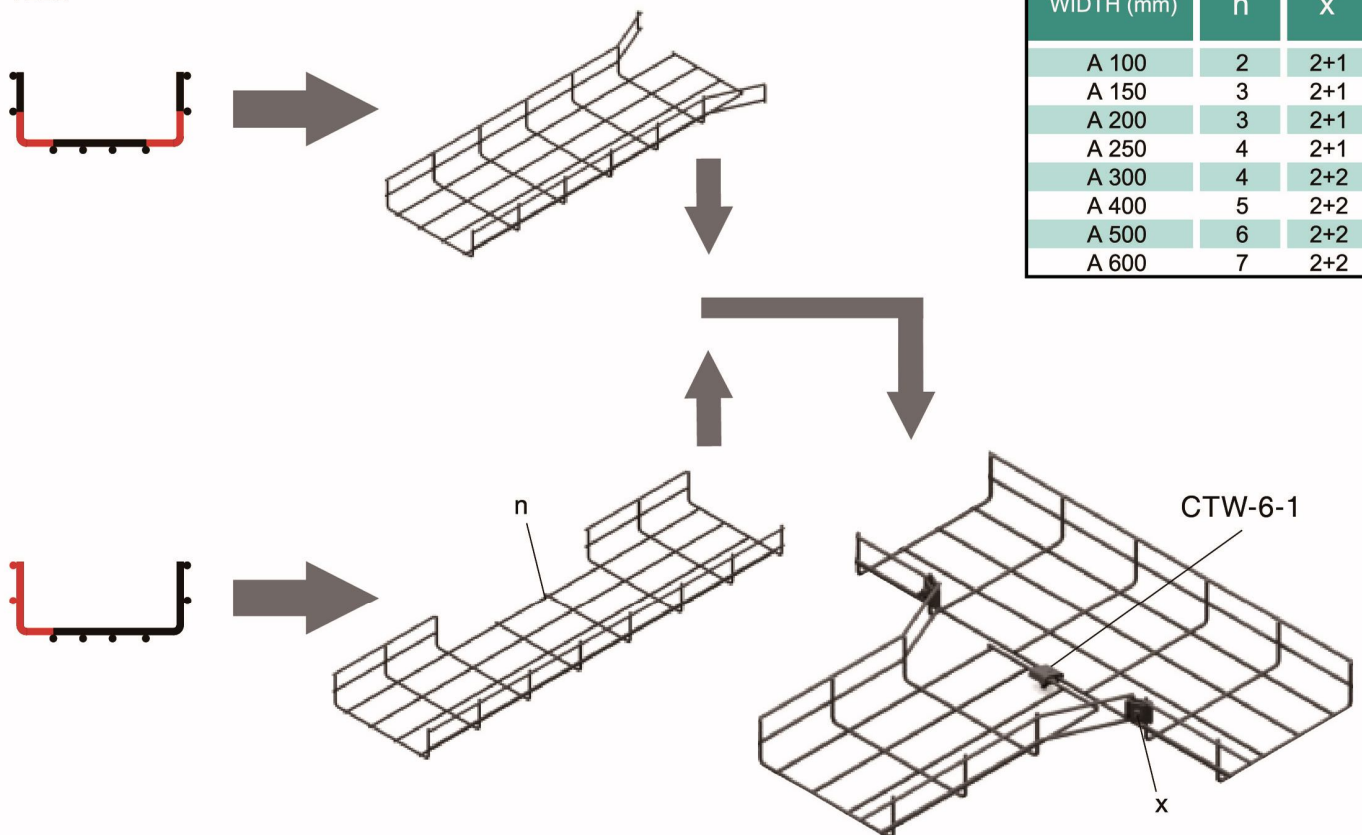
CTW-6-3

A CABLE MANAGEMENT SYSTEM



WIRESH MESH CABLE TRAYS INSTALLATION

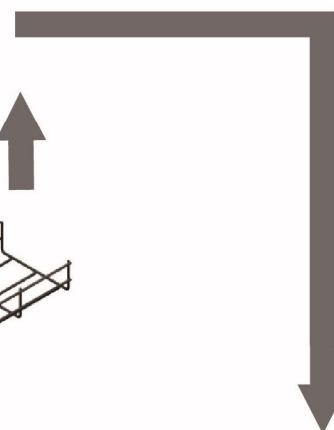
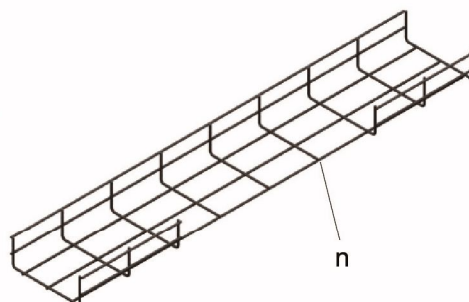
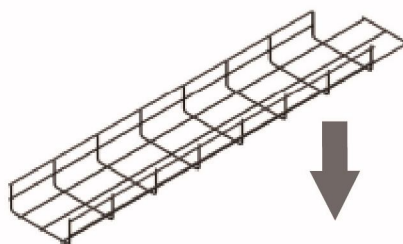
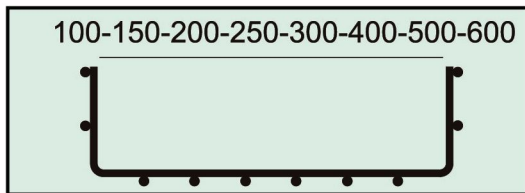
TEES



A CABLE MANAGEMENT SYSTEM

TEES

100-150-200-250-300-400-500-600



CTW-6-1

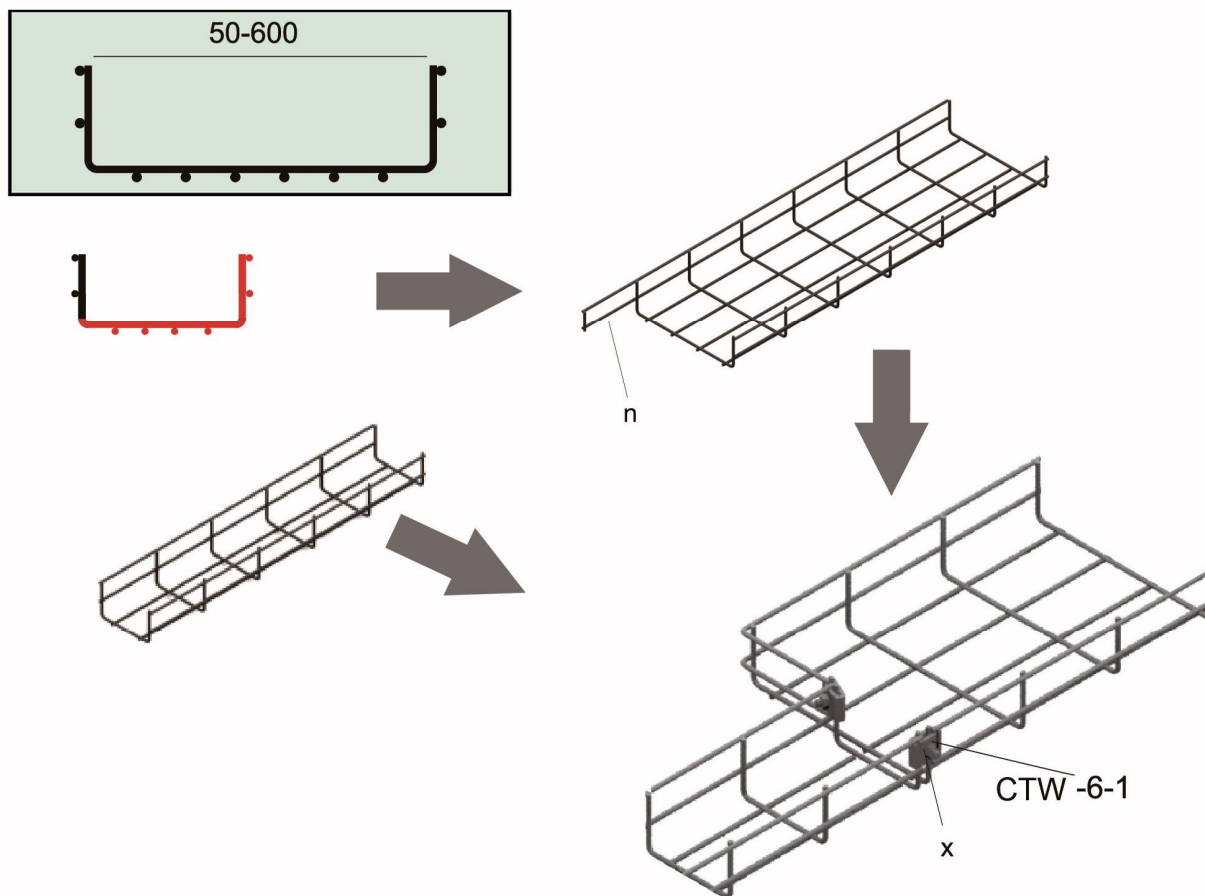
x

CTW-2-1-U

WIDTH (mm)	n	x
A 100	4	1
A 150	4	2
A 200	5	2
A 250	5	2
A 300	6	3
A 400	7	3
A 500	8	3
A 600	9	3

WIREMESH CABLE TRAYS INSTALLATION

REDUCTIONS

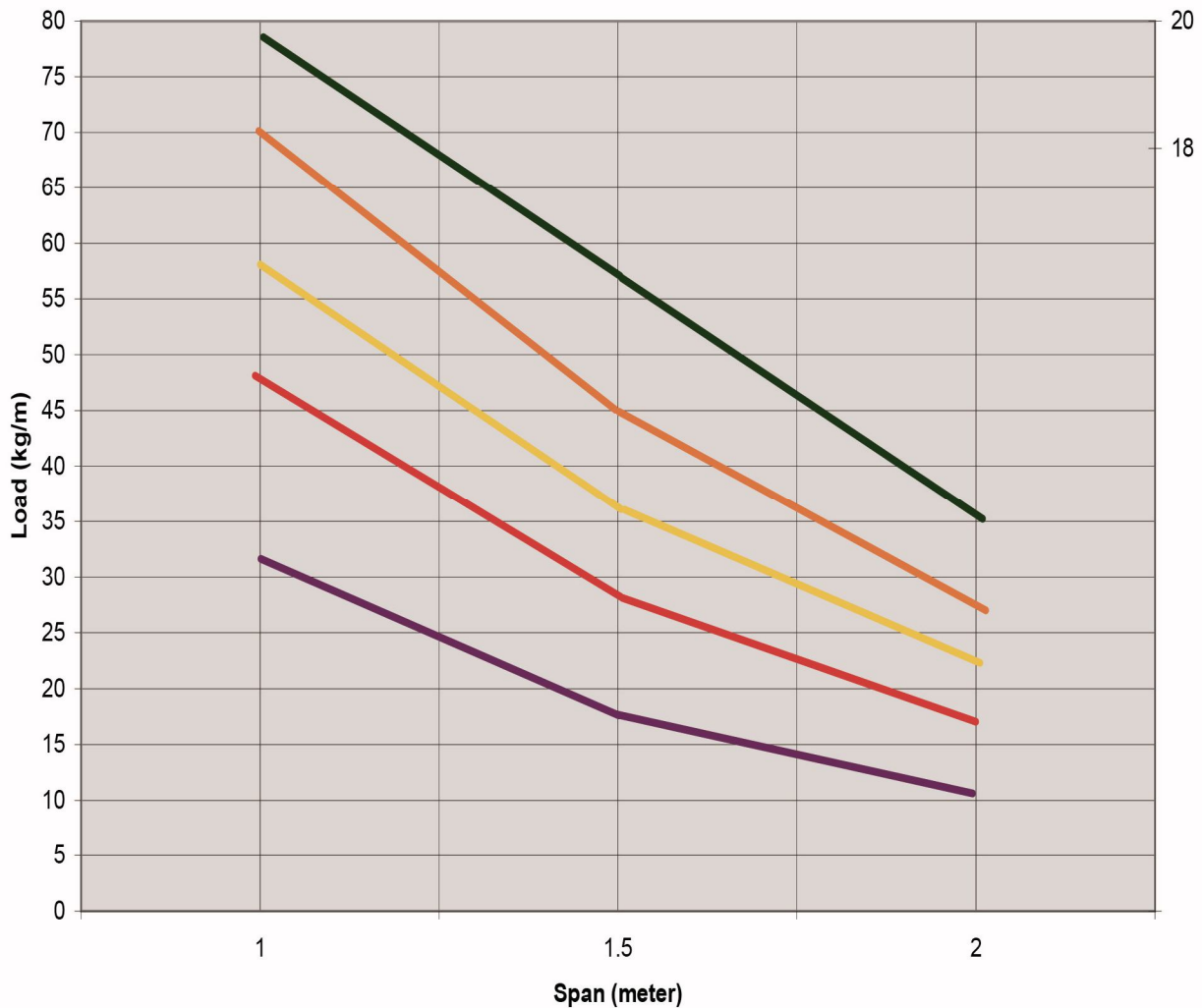


		WIDTH (mm)				
WIDTH (mm)	n +	100	200	300	400	500
	200	1 2
	300	2 2	1 2+1	.	.	.
	400	3 2	2 2+1	1 2+1	.	.
	500	4 2	3 2+1	2 2+1	1 2+2	.
	600	5 2	4 2+1	3 2+1	2 2+2	1 2+2

		WIDTH(mm)	
WIDTH(mm)	n +	50	150
	150	1 2	.
	250	2 2	1 2

LOAD GRAPH

WIRE MESH CABLE TRAYS - LOAD CARRYING CAPACITY GRAPH AS PER EN 61537



Product Codes :

- CTW50-14 wire dia. 4mm
- CTW100-14 to CTW200-14 wire dia. 4mm
- CTW300-14 to CTW400-14 wire dia. 4mm
- CTW300-15 to CTW400-15 wire dia. 5mm
- CTW500-15 to CTW600-15 wire dia. 5mm

“ We carry the Power”

CORPORATE HEADQUARTER

DUBAI

P.O Box: 113403, Dubai
Tel: 00971 - 4 - 3996671
Fax: 00971 - 4 - 3996672
sales@powersolutionme.com

FACTORY

UNITED ARAB EMIRATES

P.O Box: 16800, Ajman
Tel :00971 - 6 - 7480666
Fax:00971 - 6 - 7486435
sales@powersolutionme.com

KINGDOM OF SAUDI ARABIA

P.O Box: 245458, Riyadh
Tel :00966 -1- 2422511
Fax :00966 -1- 2445080
sales@powersolutionme.com

www.powersolutionme.com



Power Solution Industries LLC