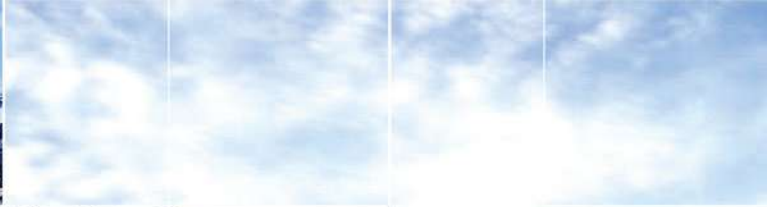


**Build To Serve You
Better....**



SUPPORT SYSTEMS &
CABLE MANAGEMENT SYSTEMS

STRUT CHANNEL

Channel

ABST's metal framing channel is cold formed on modern rolling machines from low carbon steel manufactured according to BS 6946:1988. A continuous slot provides the ability to make attachments at any point.

Lengths

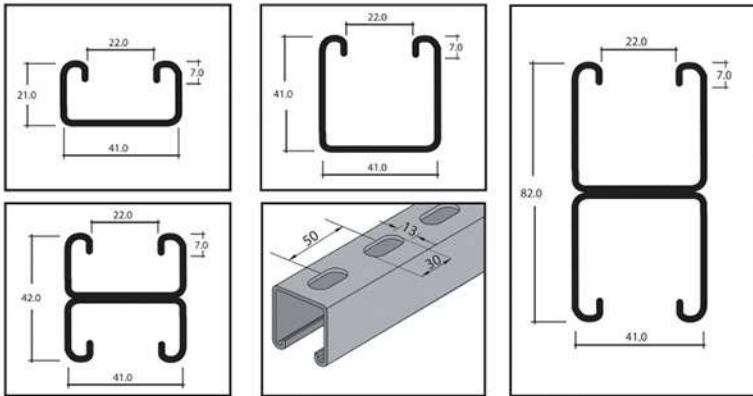
Standard length: 3000mm with ± 3.2 mm length tolerance. Custom lengths are available upon request.

Finishes

Standard Finishes: Pre-Galvanized finish (ASTM A653M coating G90 and G60). Hot Dip Galvanized after fabrication (ASTM A123 or BS EN ISO 1461 :2009). Other custom coatings are available upon request.



METAL FRAMING CHANNELS



Selection Chart

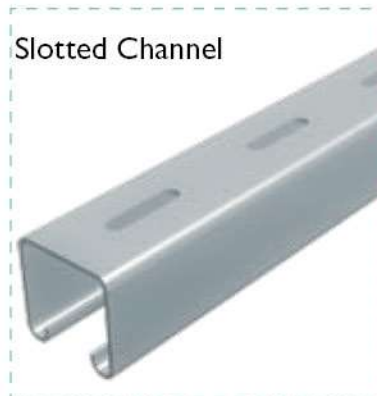
Channel Dimensions		Thickness
Height "H"	Width "W"	
21.0mm	41.0 mm	1.5 mm
41.0 mm	41.0 mm	1.5 mm
21.0 mm	41.0 mm	2.0 mm
41.0 mm	41.0 mm	2.0 mm
21.0 mm	41.0 mm	2.5 mm
41.0mm	41.0 mm	2.5 mm

CHANNEL HOLE PATTERNS



Plain Channel

Part No	Thick "mm"	Height "H"
SCH-120	1.5	21.0
SCH-140	1.5	41.0
SCH-220	2.0	21.0
SCH-240	2.0	41.0
SCH-320	2.5	21.0
SCH-340	2.5	41.0



Slotted Channel

Part No	Thick "mm"	Height "H"
SCH-120	1.5	21.0
SCH-141	1.5	41.0
SCH-221	2.0	21.0
SCH-241	2.0	41.0
SCH-321	2.5	21.0
SCH-341	2.5	41.0

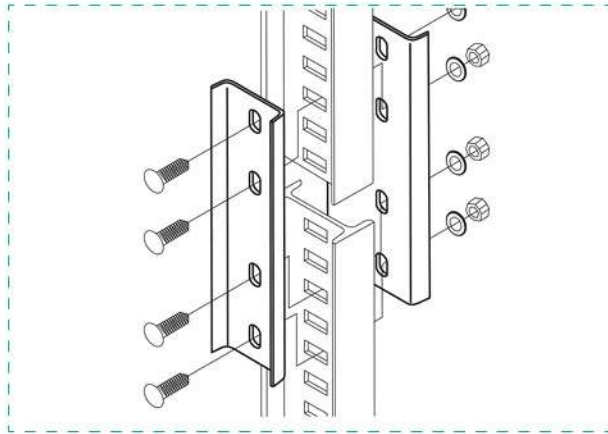


B2B Channel

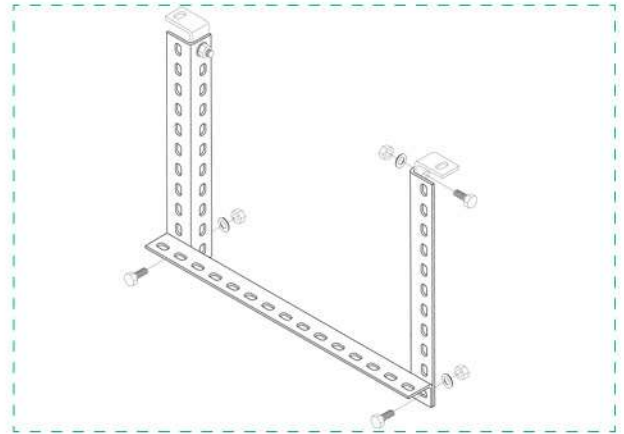
Part No	Thick "mm"	Height "H"
SCH-122	1.5	42.0
SCH-142	1.5	82.0
SCH-222	2.0	42.0
SCH-242	2.0	82.0
SCH-322	2.5	42.0
SCH-342	2.5	82.0

SUPPORT SYSTEM

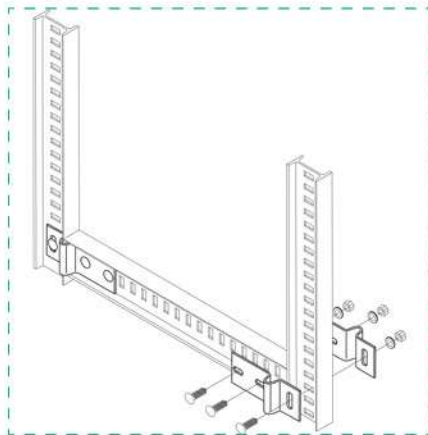
Support Connectors



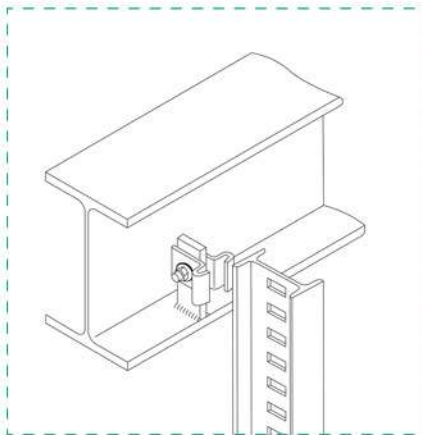
Clamping Plates



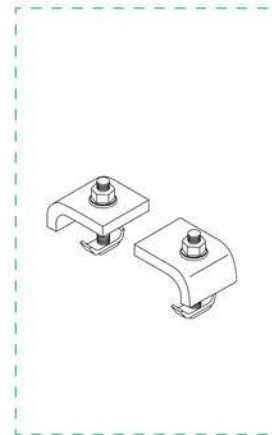
Support Plates



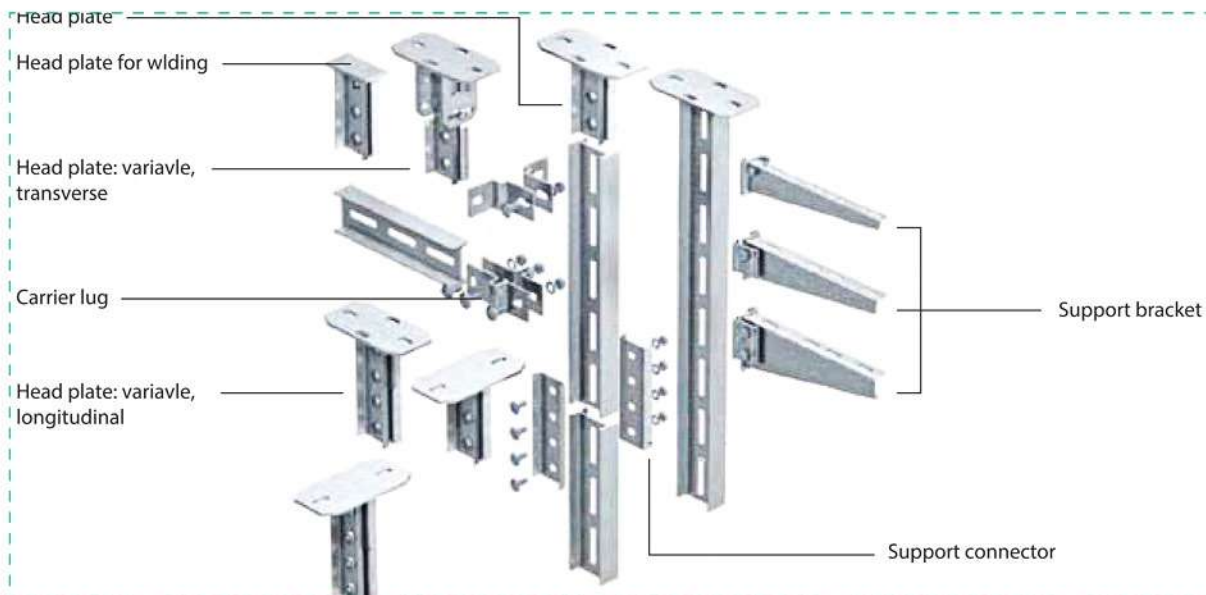
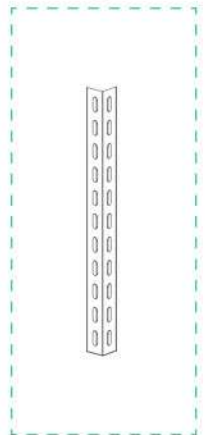
Support Clamps



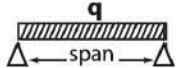




Clamping Angles

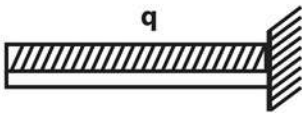




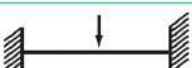



Angles

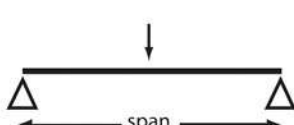


STRUT CHANNEL TECHNICAL DATA

Load and Support Condition	Load Factor	Deflection Factor
 <div style="display: inline-block; vertical-align: middle; margin-left: 10px;"> Simple Beam - Uniform Load q </div>	1.00	1.00
 <div style="display: inline-block; vertical-align: middle; margin-left: 10px;"> Beam Fixed at Both Ends - Uniform Load </div>	1.50	0.30
 <div style="display: inline-block; vertical-align: middle; margin-left: 10px;"> Cantilever Beam - Uniform Load </div>	0.25	2.40
 <div style="display: inline-block; vertical-align: middle; margin-left: 10px;"> Continuous Beam - Two Equal Spans - Uniform Load on One Span </div>	1.30	0.92
 <div style="display: inline-block; vertical-align: middle; margin-left: 10px;"> Continuous Beam - Two Equal Spans - Concentrated Load on Both Spans </div>	1.00	0.42

EXAMPLE	Problem	Item	Solution
	Calculate the maximum allowable load and corresponding deflection of a cantilever SCH beam with a uniformly distributed load		From beam load chart for SCH, maximum allowable load is q and the corresponding deflection is u . Multiplying by the appropriate factors shown in the chart above. LOAD= q x load factor DEFLECTION = u x deflection factor

Load and Support Condition	Load Factor	Deflection Factor
 <div style="display: inline-block; vertical-align: middle; margin-left: 10px;"> Simple Beam - Concentrated Load at Center F </div>	1.00	0.80
 <div style="display: inline-block; vertical-align: middle; margin-left: 10px;"> Simple Beam - Two Equal Concentrated Loads at 1/4 Points </div>	2×1.00	1.10
 <div style="display: inline-block; vertical-align: middle; margin-left: 10px;"> Beam Fixed at Both Ends - Concentrated Load at Center </div>	2.00	0.40
 <div style="display: inline-block; vertical-align: middle; margin-left: 10px;"> Cantilever Beam - Uniform Load </div>	0.24	3.20
 <div style="display: inline-block; vertical-align: middle; margin-left: 10px;"> Continuous Beam - Two Equal Spans - Concentrated Load at Center of One Span </div>	1.42	0.80
 <div style="display: inline-block; vertical-align: middle; margin-left: 10px;"> Continuous Beam - Two Equal Spans - Concentrated Load at Center of Both Spans </div>	2×1.34	0.50

EXAMPLE	Problem	Item	Solution
	Calculate the maximum allowable load and corresponding deflection of a simply supported SCH beam with a concentrated load at midspan as shown		From beam load chart for SCH, maximum allowable load is F and the corresponding deflection is u . Multiplying by the appropriate factors shown in the chart above. LOAD= F x load factor DEFLECTION = u x deflection factor

FRAMING SYSTEM ACCESSORY

Threaded Rods, Hexagon Head Bolts, Hexagon Nuts, Washers

FULLY THREADED RODS GRADE 4.6 DIN 975

Zinc Plated Thread
M6
M8
M10
M12
M16

Length (mm)	Load cap. (KN)
2000/3000	2.2
2000/3000	4.0
2000/3000	6.4
2000/3000	1.9
2000/3000	17.3

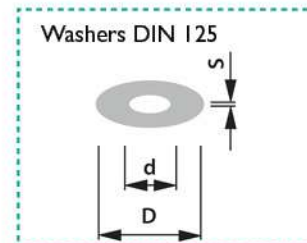


FULLY THREADED RODS GRADE 4.6 DIN 975

Zinc Plated Thread
M6
M8
M10
M12
M16

Stainless Steel for bolt
M6
M8
M10
M12
M16

D (mm)	d (mm)	s (mm)
12	6.4	1.6
16	8.4	1.6
21	10.5	2
24	13	2.5
30	17	3



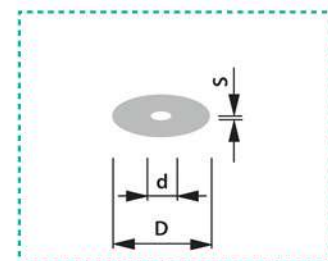
ROUND WASHERS DIN 440, DIN 9021

DIN
440
9021
9021
440
9021
9021

Zinc Plated For Bolt
M6
M8
M10
M12
M12
M16

Stainless Steel For Bolt
-
M8
M10
-
M12
M16

D (mm)	d (mm)	s (mm)
22	6.6	2
24	8.4	2
30	10.5	2.5
45	13.5	4
37	13	3
50	17	3

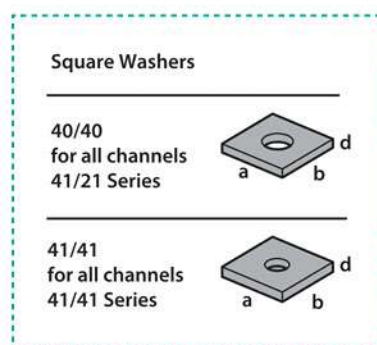


SQUARE WASHERS SSW

H.D. Glavanized for Bolt
M10
M12
M16
M6
M10
M11

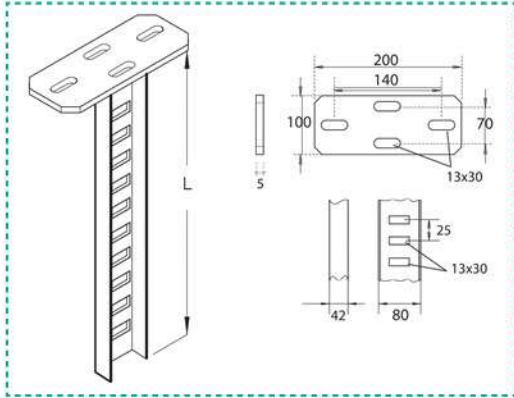
Stainless Steel for Bolt
M10
M12
M16
M6
M10
M11

a x b x d (mm)
40 x 40 x 5
40 x 40 x 5
40 x 40 x 5
40 x 40 x 6
40 x 40 x 6
40 x 40 x 6

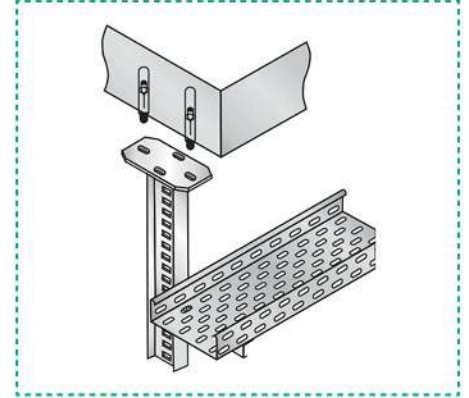


SUPPORT SYSTEM

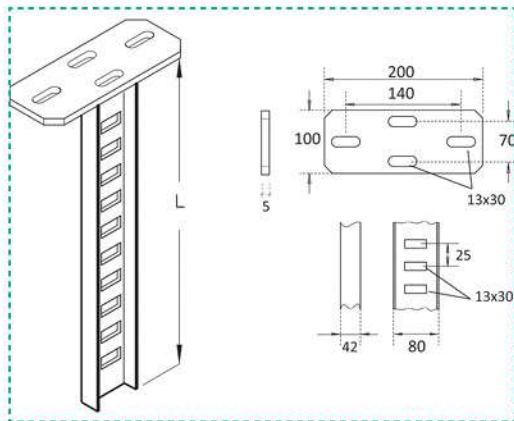
U - Support



U - Support with welded -on head plate
200 x 100 x 5mm

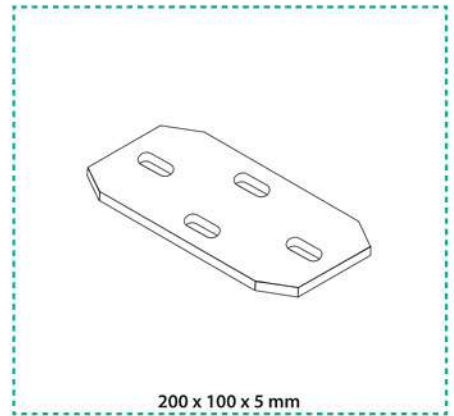


I - Support



U - Support with welded-on head
plate
200 x 100 x 5mm

Head Plate



Wall Bracket

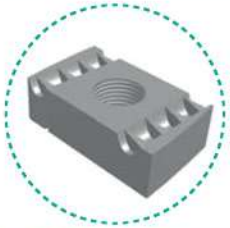
for U-Support



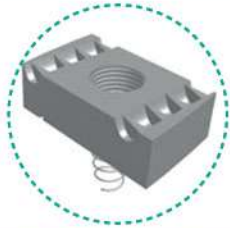
for I-Support



CHANNEL NUTS



Nut Without Spring



Nut With Short Spring



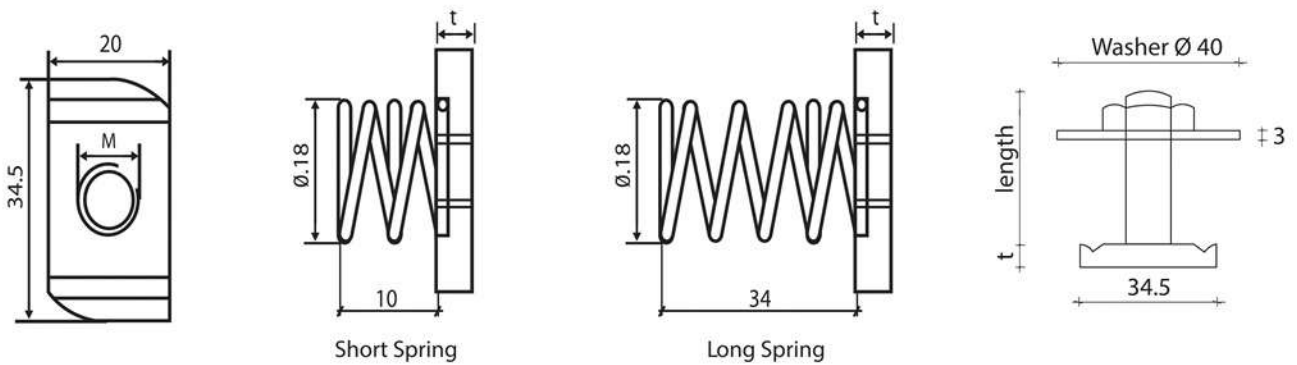
Nut With Long Spring



Hammer Head Bolt

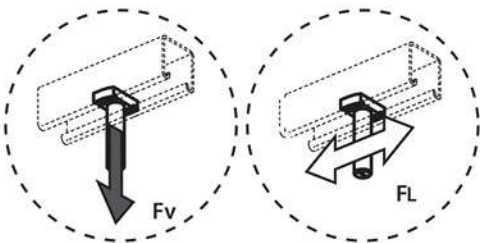
Material: Zinc plated steel and stainless steel 304 (A2), 316 (A4).

Tolerance: Metric thread 6 H acc. DIN 13-20.



Available length: L 30mm, 40mm, 50mm, 60mm.

Material: Zinc Plated.



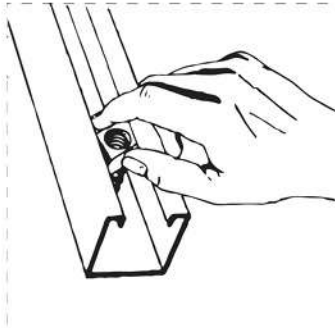
Thread Size	Thickness t (mm)	Longitudinal Force FL (KN)	Pull out Force Fv (KN)	Tightening Torque (Nm)
M6	5.0	1.0	5.0	12.0
M8	6.0	2.4	6.0	28.0
M10	8.0	3.5	7.0	55.0
M12	10.0	5.0	9.0	75.0

Thread Size	Pull out Force Fv (KN)	Longitudinal Force FL (KN)	Tightening Torque (Nm)
M6	5.0	0.3	6.5
M8	6.0	0.6	16.0
M10	7.0	1.2	31.5
M12	7.0	1.7	50.0

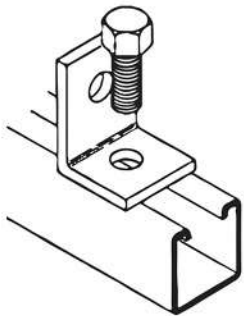
CHANNEL NUTS - INSTALLATION & FEATURES



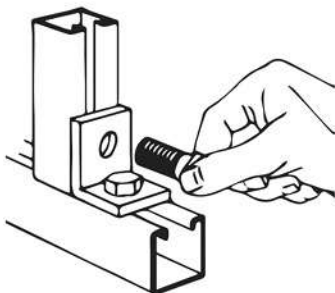
Insert the spring nut anywhere along the continuous slotted channel. The rounded nut ends permit easy insertion.



A 90° clockwise turn aligns the grooves in the nut with the inturned edges of the channel. The need for drilling holes is eliminated.



Insert the bolt through the fitting and into the spring nut. (See illustration 5 for end view showing the nut in place)



Additional channel sections can now be bolted to the I fitting already in place by following procedure described in steps 1-3.



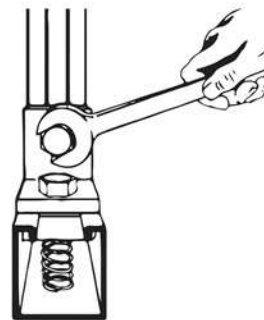
Hex-head bolt connects fitting to channel as it is threaded into spring nut.

Chamfer in the nut eases starting of the bolt. Nut teeth make a strong, vise-like grip when tightened against the inturned channel edges.

Channel edges and the nut's tapered grooves act as guides to provide foolproof alignment of connection.

Nut teeth grip the channel's inturned edges, tying the channel sides together in a "box" configuration for added strength.

Spring allows precision placement anywhere along channel length, then holds the nut in position while the connection is completed.



Spring allows precision placement anywhere along channel length, then holds the nut in position while the connection is completed.

FRAMING SYSTEMS

ASTM F436

Washers (SRW) | DIN 125 | ASTM F436

Zinc Plated	Stainless Steel	D (mm)	d (mm)	S (mm)
M6	M6	12	6.4	1.6
M8	M8	16	8.4	1.6
M10	M10	21	10.5	2
M12	M12	24	13	2.5
M16	M16	30	17	3
M18	M18	34	19	3.2
M20	M20	39	20.5	3.6



Round Washers DIN 440, DIN 9021

Washers (SRW) | DIN 440 | DIN 9021

DIN	Zinc Plated	Stainless Steel	D (mm)	d (mm)	S (mm)
440	M6		22	6.6	2
9021	M8	M8	24	8.4	2
9021	M10	M10	30	10.5	2.5
440	M12		45	13.5	4
9021	M12	M12	37	13	3
9021	M16	M16	50	17	3



Square Washers SSW

Square Washers (SSW)

Square Washers (SSW)	Stainless Steel Bolt	a x b x d (mm)
M8	M10	40 x 40 x (4-5-6)
M10	M12	40 x 40 x (4-5-6)
M12	M16	40 x 40 x (4-5-6)

SSW 40/40 for all channels
41/21 Series



SSW 41/41 for all char
41/41 Series



Fully Threaded Rods Grade 4.6 DIN 975 ASTM A 36, A193

Threaded Rod (STR) - DIN 975 - ASTM A36

Zinc Plated Thread	Length (mm)	Load cap. (kn)
M6	2000/3000	2.2
M8	2000/3000	4.0
M10	2000/3000	6.4
M12	2000/3000	12.9
M16	2000/3000	17.3
M18	2000	22.0
M20	2000	27.0



Round Head Machine Screws

Round Head (SRH) | DIN 7985

Zinc Plated Thread	Length (mm)	d (mm)
M6	30-40	6.0
M8	30-40	8.0
M10	20-60	10.0



SRH - M10 DIN 7985

Coupler Sleeves Rounded

Coupler Sleeves (SCS)

Electroplated Thread	Stainless Steel Thread	D (mm)	L (mm)	Load Capacity (kn)
M6	M6	10/10	15	2.2
M8	M8	12/14	20	4
M10	M10	13/16	25	6.4
M12	M12	16/20	30	9.3
M16	M16	21/25	40	17.3
M20	M20	26/32	50	27.0

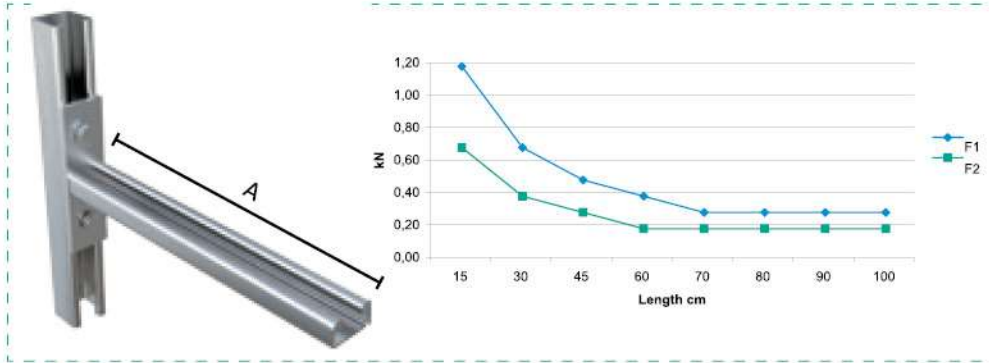


SCS - M16

CANTILEVER ARM BRACKET

Cantilever Arm Brackets

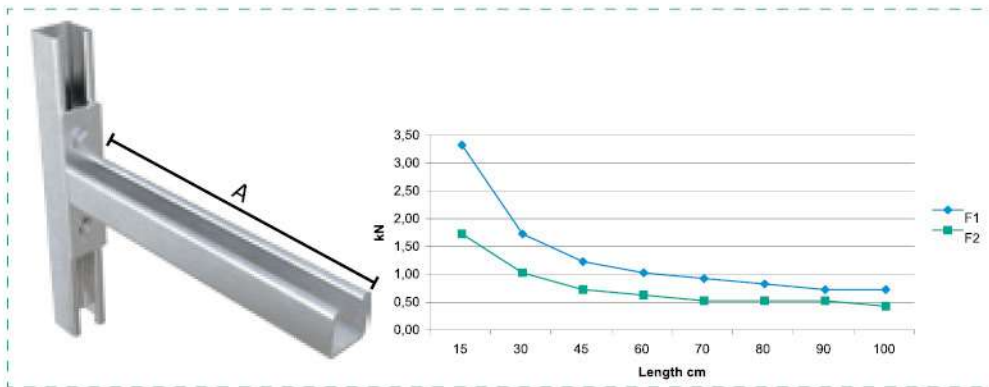
ABST-CA- 41x21x2.5



Length A (mm)	Allowable Load		
	F ₁ * (kN)	F ₂ * (kN)	F ₂ ** (kN)
150	1.10	0.60	3.10
300	0.60	0.30	3.10
450	0.40	0.20	3.10
600	0.30	0.10	3.10
700	0.20	0.10	3.10
800	0.20	0.10	3.10
900	0.20	0.10	3.10
1000	0.20	0.10	3.10

Base plate : height (h) x width (b) x thickness (t)
100 50 8

** Connection force (pull-out force) : 3.10 (kN)

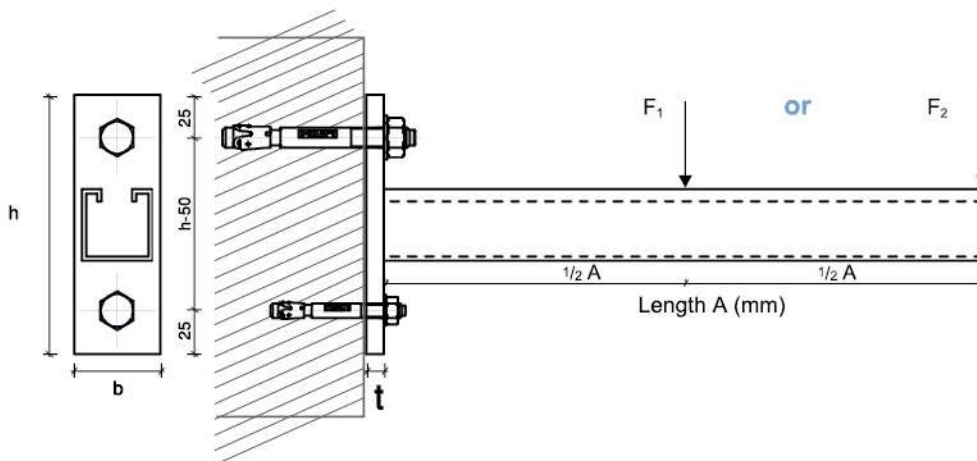


Length A (mm)	Allowable Load		
	F ₁ * (kN)	F ₂ * (kN)	F ₂ ** (kN)
150	3.10	1.50	7.50
300	1.50	0.80	7.50
450	1.00	0.50	7.50
600	0.80	0.40	7.50
700	0.70	0.30	7.50
800	0.60	0.30	7.50
900	0.50	0.30	7.50
1000	0.50	0.20	7.50

Base plate : height (h) x width (b) x thickness (t)
140 50 10

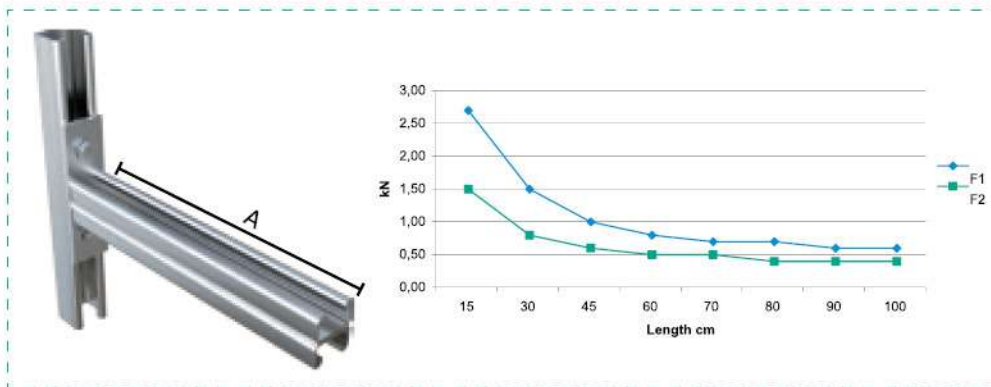
** Connection force (pull-out force) : 7.50 (kN)

* Given Loads are always in [kN] " Allowable characteristic live load "



Cantilever Arm Brackets - SCA

CCH422 41x21x2.5 B2B



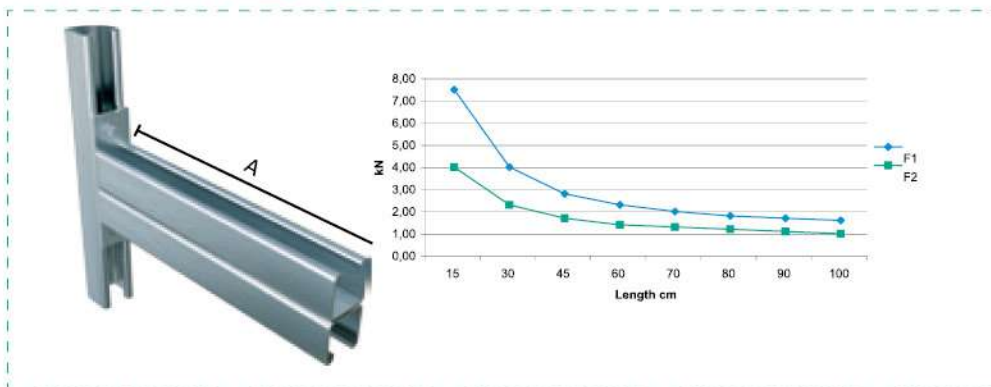
Length	Allowable Load		
	A (mm)	F ₁ * (kN)	F ₂ ** (kN)
150	150	2.50	1.30
300	300	1.30	0.60
450	450	0.80	0.40
600	600	0.60	0.30
700	700	0.50	0.30
800	800	0.50	0.20
900	900	0.40	0.20
1000	1000	0.40	0.20

Base plate : height (h) x width (b) x thickness (t)
140 50 10

- In the case of concrete support frame, use anchor M12.
- In the case of concrete C-Channel frame, Hexbolt M8.

** Connection force (pull-out force) : 4,8 (kN)

CCH442 41x41x2.5 B2B



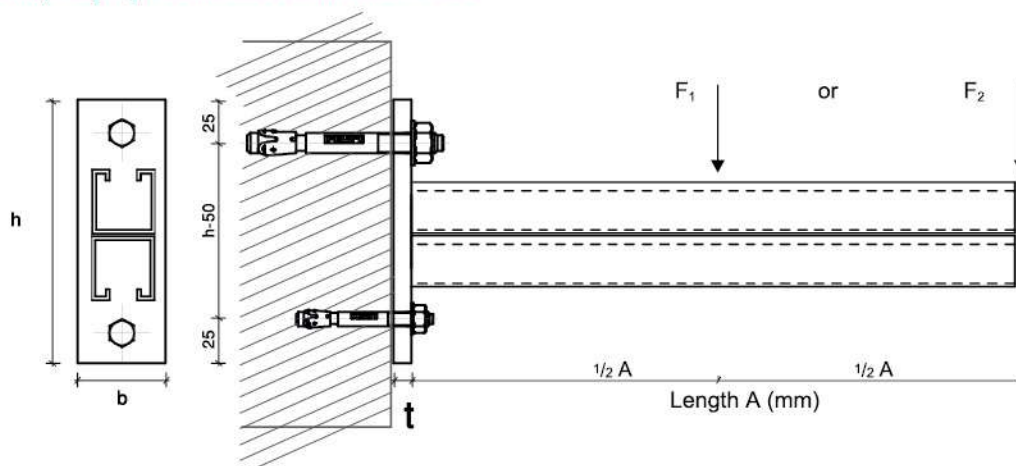
Length	Allowable Load		
	A (mm)	F ₁ * (kN)	F ₂ ** (kN)
150	150	7.00	3.50
300	300	3.50	1.80
450	450	2.30	1.20
600	600	1.80	0.90
700	700	1.50	0.80
800	800	1.30	0.70
900	900	1.20	0.60
1000	1000	1.10	0.50

Base plate : height (h) x width (b) x thickness (t)
180 60 12

- In the case of concrete support frame, use anchor M16.
- In the case of concrete C-Channel frame, Hex bolt M10.

** Connection force (pull-out force) : 8,30 (kN)

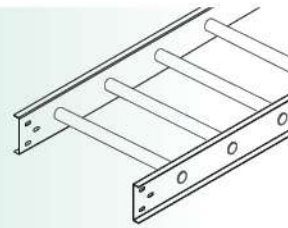
* Given Loads are always in [kN] " Allowable characteristic live load "



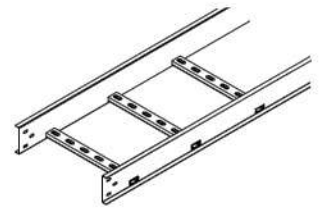
The different types of tray designs are described below:

Ladder (Cable Ladder)

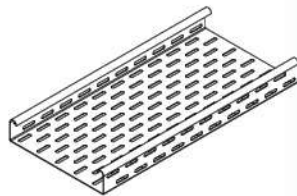
Swaged rounded tubular (Aluminum or Steel) or welded c-channel (steel). A prefabricated metal structure consisting of two side rails connected by individual transverse members or rungs. Cable Ladder Trays are the most common and the most economical types of trays. They also provide maximum ventilation for cabling.



Swaged Rounded Tubular



Welded C-Channel



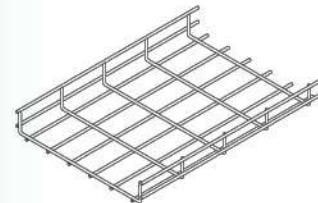
Perforated Cable Tray

Perforated Cable Tray (Cable Trays)

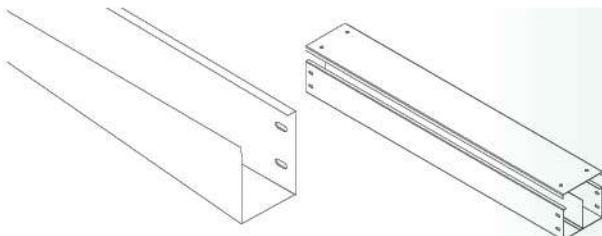
A prefabricated metal structure consisting of a bottom with openings within the cable bearing surface. Solid bottom Cable Trays completely eliminate cable sagging and offer maximum protection for the cables.

Wire Mesh (Basket Tray)

Is ideally suitable for light - to medium-duty commercial and industrial applications where space is at a premium. SFSP wire Basket Trays have a fast connection profile for installations requiring long runs of straight Cable Trays lengths. Applications : Network cabling, wiring closets, fiberto-desktop applications and can often be used in suspended ceiling plenum areas and under computer room flooring.



Wire Mesh



Cable Trunking

Solid (Cable Trunking)

A prefabricated metal structure consisting of a one-piece solid bottom channel section not exceeding 6" (150mm) in width .

Types Overview and Components

SFSP cable trays and accessories from SFSP are manufactured in compliance with BS EN 61537:2007/BS 5750/BS EN 10130/BS EN 10131/BS EN 10051 and NEMA standards. And, as per cabling standards CENELEC EN 50173-1; EIA/ITA 568 A; ISO/IEC 11801; 2002.

We manufacture a wide range of products capable of providing the characteristics which respond to the proposed application, along with quality of assembly, speed of installation, and cost-saving cable trays.

MATERIALS

Pre-Galvanized, Hot-Dip Galvanized, Stainless Steel and Aluminium

MATERIAL THICKNESS

1.00 mm | 1.20 mm | 1.50 mm | 2.00 mm

* Other Thickness Available Under Request

Light Duty - LCT - 100

Thickness : 1.00 mm

Side Height : 50 mm

Length : 2440 mm / 3000 mm

Width : 50 - 1000 mm

Medium Duty - MCT - 120

Thickness : 1.20 mm

Side Height : 50 ,75 and 100 mm

Length : 2440 mm / 3000 mm

Width : 50 - 1000 mm

Heavy Duty - HCT - 150

Thickness : 1.50 mm

Side Height : 50 ,75 and 100 mm

Length : 2440 mm / 3000 mm

Width : 50 - 1000 mm

Very Heavy Duty - VCT - 200

Thickness : 2.00 mm

Side Height : 50 ,75 and 100 mm

Length : 2440 mm / 3000 mm

Width : 50 - 1000 mm

TYPES OF SIDE HEIGHTS

STR

Straight

RFI

Return Flange Inside

RFO

Return Flange Outside

CTI

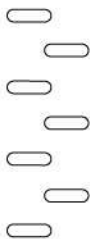
C-Type Inside

CTO

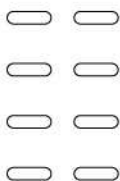
C-Type Outside

TYPES OF PERFORATION

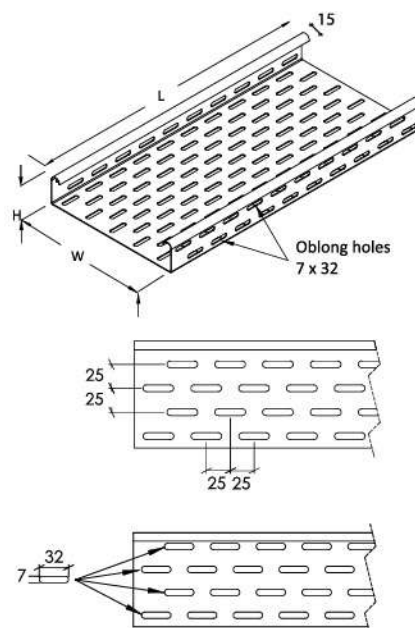
Staggered



Serial



DIMENSIONS



All illustrations, drawings and descriptive material in this publication are of a generally informative nature only, and do not form a complete package of the specifications or description of the goods. Most of the dimensions shown are nominal. SFSP can make modifications and design, materials or finishes as it deems necessary or desirable.

Materials & Finishes

Materials

Mild Steel - Plain

A. Hot Rolled Steel Plates, Sheets and Coils S235/275 JR, as per:
EN 10025 -2 / DIN 17100 / BS 4360 / ASTM A 653M / ASTM A 1011 / ASTM A 1011-01a
JIS 3101 / JIS 3106 / GB 700 / GB / T1591.
ASTM A 907 / ASTM A 1018M.
ASTM A 570M / ASTM A 572M.
B. Cold Rolled Steel DC 01, as per:
EN 10130 / DIN 1623, Part 2 / BS 1449:1 / ASTM A366 / ASTM A 1008 / JIS G 3141 / GB 699.
EN 10131 / ASTM A 568M



Mild Steel - Galvanized

C. Continuously Pre- Galvanized Hot-Dip Zinc Coated Steel DX 51D + Z, as per:
EN 10327 / DIN 17162 / BS 2989/ ASTM A 527M / ASTM A 653M / JIS G 3302.
EN 10326/ EN 10142 / ASTM A 526, 527, 528/ ASTM A 146
D. Electro Galvanized Steel (Electrolytic Coating) DC01 + ZE v, as per:
EN 10152 / DIN 17163 / ASTM A591 / JIS G 3313 / JIS G 3141/BS 1449:1
EN 10131



Aluminum

E. Aluminum 6063 T6



Stainless Steel

F. Austenitic Stainless Steels SS 304 & SS 316, as per:
ASTM A 240 / EN 10088-2/ DIN 17400 / BS 1449:2 / ASTM A480 / ASTM A666 / ISO 3506 / EN 10028-7 /JIS G 4304
F.1 Stainless Steel Fasteners EN 3506
F.2 Stainless Steel Wire BS 1554 ,ASTM A276

Finishes

1- Hot-DIP Galvanization after Fabrication

As per:
ASTM A 123 / ASTM A 153 / ISO 1461.
BS 729 / DIN 5097

2- Zinc Electroplating after Fabrication

As per:
ASTM B633 / EN 12329 / ISO 4042/ BS 1706 / BS 3382 / DIN 50961

3- Powder Coating

Epoxy / Polyester / Epoxy & Polyester
BS 3900 / ISO 2409 / ISO 1519 / ISO 1520

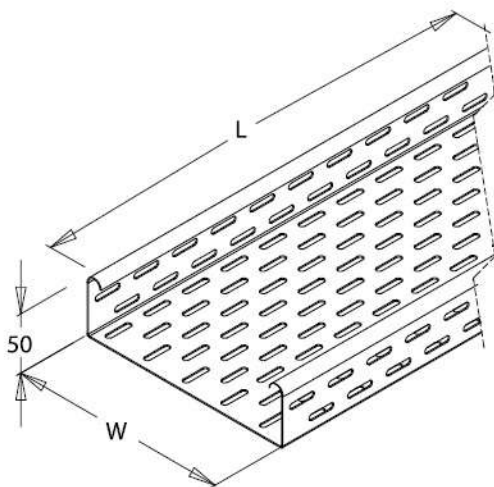
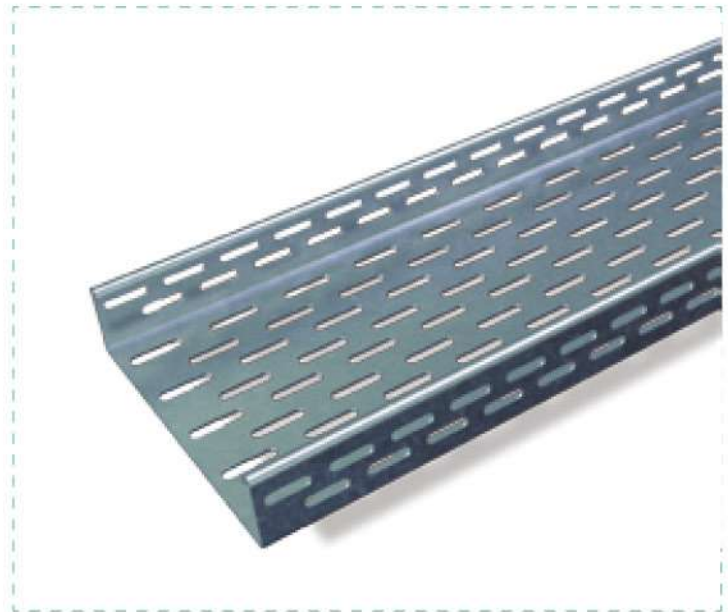


Light Duty - 1.00 mm Thickness

(Side Height 50 mm)

Thickness : 1.00 mm
 Side Height : 50 mm
 Length : 3000 mm
 Width : 50 - 300 mm
 Safety : 1.5

Item Code	Cable tray	Support distance (m)	Load kN/m
ABST-CM-2001	LCT 50 -50	1.00	1.92
	width (w) : 50 mm	1.20	1.33
		1.50	0.84
		2.00	0.40
ABST-CM-2002	LCT 100 -50	1.00	2.10
	width (w) : 100 mm	1.20	1.45
		1.50	0.92
		2.00	0.50
ABST-CM-2003	LCT 150 -50	1.00	2.19
	width (w) : 150 mm	1.20	1.45
		1.50	0.92
		2.00	0.50
ABST-CM-2004	LCT 200 -50	1.00	1.73
	width (w) : 200 mm	1.20	1.13
		1.50	0.72
		2.00	0.39
ABST-CM-2005	LCT 225 -50	1.00	1.52
	width (w) : 225 mm	1.20	1.13
		1.50	0.72
		2.00	0.39
ABST-CM-2006	LCT 300 -50	1.00	0.87
	width (w) : 300 mm	1.20	0.59
		1.50	0.37
		2.00	0.19



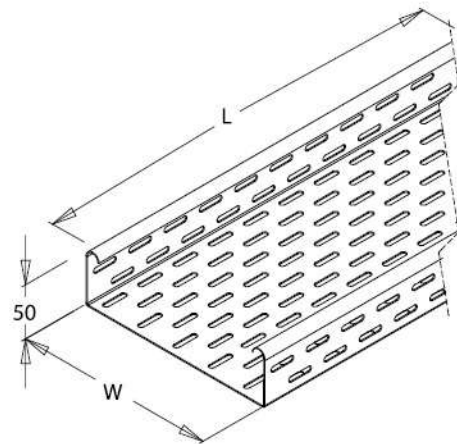
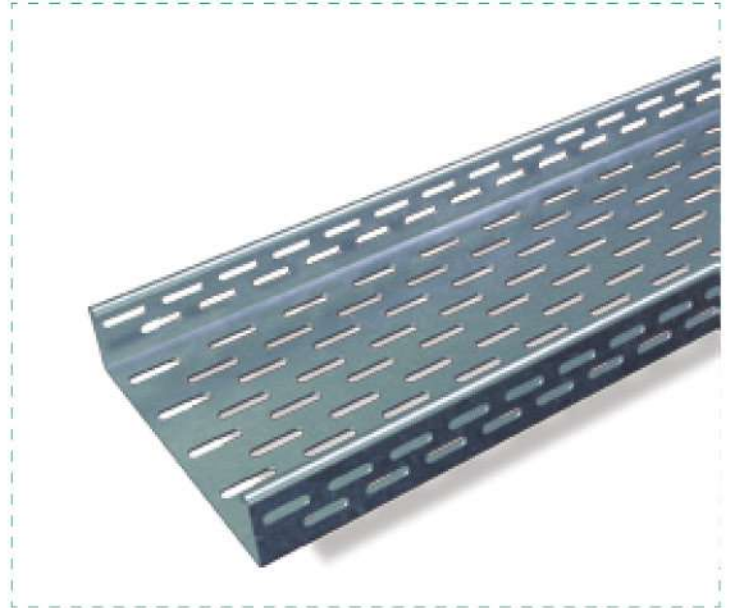
Width (mm)	Order Example				
	Item	(h)	(w)	(t)	Type
50	ABST-50	050	0050	I	RFI
100	ABST-50	050	0100	I	RFI

Medium Duty - 1.20 mm Thickness

(Side Height 50 mm)

Thickness : 1.20 mm
 Side Height : 50 mm
 Length : 3000 mm
 Width : 50 - 600 mm
 Safety : 1.5

Item Code	Cable tray	Support distance (m)	Load kN/m
ABST-CM-2007	MCT 50 - 50	1.00	2.29
	width (w) : 50 mm	1.20	1.59
		1.50	1.01
		2.00	0.48
ABST-CM-2007	MCT 100 - 50	1.00	2.51
	width (w) : 100 mm	1.20	1.74
		1.50	1.10
		2.00	0.60
ABST-CM-2008	MCT 150 - 50	1.00	2.62
	width (w) : 150 mm	1.20	1.80
		1.50	1.15
		2.00	0.63
ABST-CM-2009	MCT 200 - 50	1.00	2.48
	width (w) : 200	1.20	1.85
		1.50	1.17
		2.00	0.65
ABST-CM-2010	MCT 225 - 50	1.00	2.20
	width (w) : 225	1.20	1.85
		1.50	1.18
		2.00	0.65
ABST-CM-2011	MCT 300 - 50	1.00	1.52
	width (w) : 300	1.20	1.04
		1.50	0.65
		2.00	0.35
ABST-CM-2012	MCT 400 - 50	0.80	-
	width (w) : 400	1.00	0.80
		1.20	0.54
		1.50	0.33
ABST-CM-2013	MCT 450 - 50	0.80	-
	width (w) : 450	1.00	0.61
		1.20	0.41
		1.50	0.24
ABST-CM-2014	MCT 600 - 50	0.60	-
	width (w) : 600	0.80	-
		1.00	-
		1.20	-



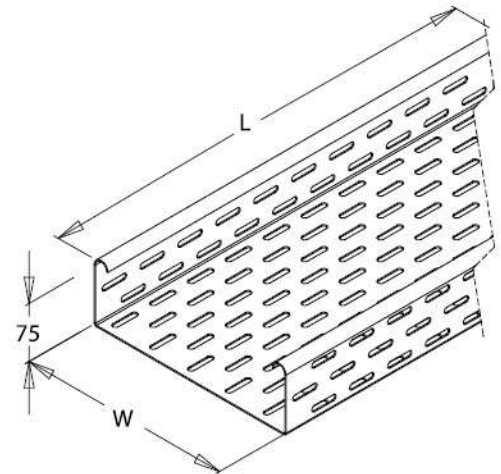
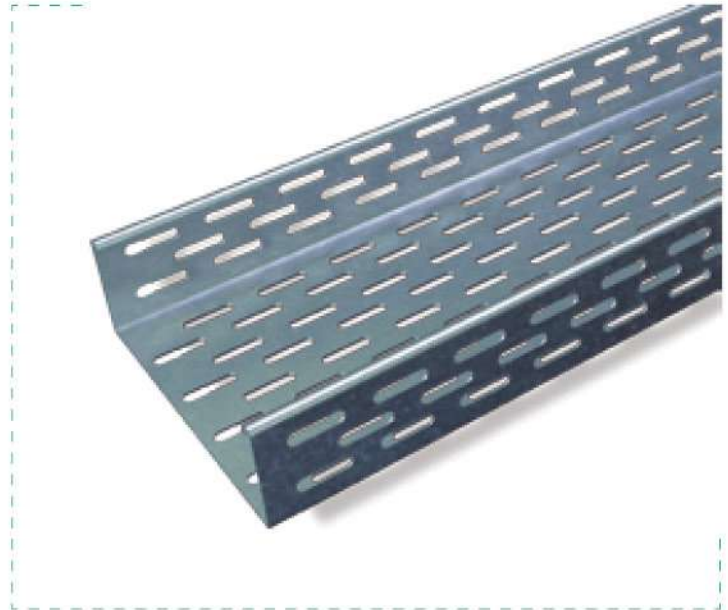
Width (mm)	Order Example				
	Item	(h)	(w)	(t)	Type
50	ABST-50	050	0050	2	RFI
100	ABST-50	050	0100	2	RFI

Medium Duty - 1.20 mm Thickness

(Side Height 75 mm)

Thickness : 1.20 mm
 Side Height: 75 mm
 Length : 3000 mm
 Width : 100 - 600 mm
 Safety : 1.5

Item Code	Cable tray	Support distance (m)	Load kN/m
ABST-CM-2015	MCT 100 - 75	1.00	1.50
	width (w) : 100 mm	1.20	1.50
		1.50	1.50
		2.00	1.15
ABST-CM-2016	MCT 150 - 75	1.00	1.50
	width (w) : 150 mm	1.20	1.50
		1.50	1.50
		2.00	1.20
ABST-CM-2017	MCT 200 - 75	1.00	1.50
	width (w) : 200	1.20	1.50
		1.50	1.50
		2.00	1.20
ABST-CM-2018	MCT 225 - 75	1.00	1.50
	width (w) : 225	1.20	1.50
		1.50	1.50
		2.00	1.20
ABST-CM-2019	MCT 300 - 75	1.00	1.30
	width (w) : 300	1.20	1.30
		1.50	1.30
		2.00	0.75
ABST-CM-2020	MCT 400 - 75	0.80	0.80
	width (w) : 400	1.00	0.80
		1.20	0.80
		1.50	0.70
ABST-CM-2021	MCT 450 - 75	0.80	0.70
	width (w) : 450	1.00	0.70
		1.20	0.70
		1.50	0.50
ABST-CM-2022	MCT 600 - 75	0.80	0.50
	width (w) : 600	1.00	0.50
		1.20	0.40
		1.50	0.25



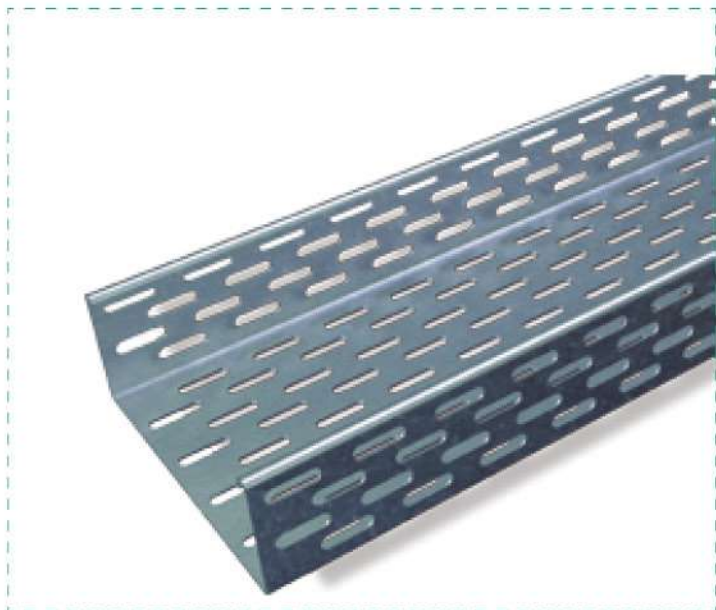
Width (mm)	Order Example				
	Item	(h)	(w)	(t)	Type
50	ABST-50	075	0100	2	RFI
100	ABST-50	075	0150	2	RFI

Medium Duty - 1.20 mm Thickness

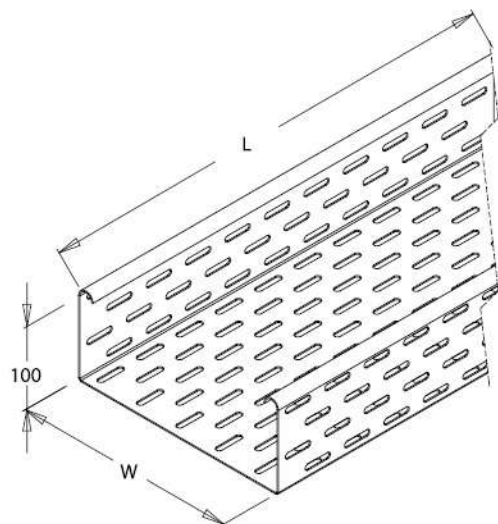
(Side Height 100 mm)

Thickness : 1.20 mm
 Side Height : 75 mm
 Length : 3000 mm
 Width : 100 - 600 mm
 Safety : 1.5

Item Code	Cable tray	Support distance (m)	Load kN/m
ABST-CM-2023	MCT 100 - 100	1.00	1.50
	width (w) : 100 mm	1.20	1.50
		1.50	1.50
ABST-CM-2024	MCT 100 - 100	1.00	1.50
	width (w) : 150 mm	1.20	1.50
		1.50	1.50
ABST-CM-2024	MCT 200 - 100	1.00	1.50
	width (w) : 200 mm	1.20	1.50
		1.50	1.50
ABST-CM-2025	MCT 225 - 100	1.00	1.50
	width (w) : 225 mm	1.20	1.50
		1.50	1.50
ABST-CM-2026	MCT 300 - 100	1.00	1.20
	width (w) : 300 mm	1.20	1.20
		1.50	1.20
ABST-CM-2027	MCT 400 - 100	1.00	1.00
	width (w) : 400 mm	1.20	1.00
		1.50	0.90
ABST-CM-2028	MCT 600 - 100	1.00	0.90
	width (w) : 600 mm	1.20	0.80
		1.50	0.70
		2.00	0.40



Width (mm)	Order Example				
	Item	(h)	(w)	(t)	Type
100	ABST-100	0100	0100	2	RFI
150	ABST-150	0100	0150	2	RFI

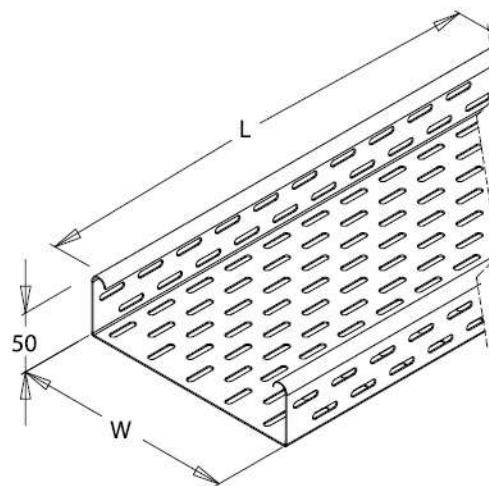
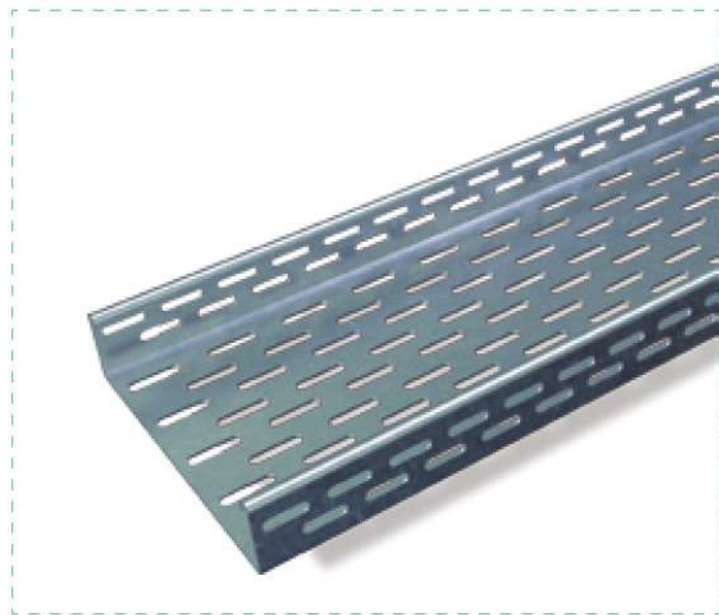


Heavy Duty - 1.50 mm Thickness

(Side Height 50 mm)

Item Code	Cable tray	Support distance (m)	Load kN/m
ABST-CM-2029	HCT 50 - 50	1.00	1.50
	width (w) : 50 mm	1.20	1.50
		1.50	1.25
ABST-CM-2030	HCT 100 - 50	1.00	1.50
	width (w) : 100 mm	1.20	1.50
		1.50	1.35
ABST-CM-2031	HCT 150 - 50	1.00	1.50
	width (w) : 150 mm	1.20	1.50
		1.50	1.45
ABST-CM-2032	HCT 200 - 50	1.00	1.50
	width (w) : 200	1.20	1.50
		1.50	1.45
ABST-CM-2033	HCT 225 - 50	1.00	1.50
	width (w) : 225	1.20	1.50
		1.50	1.45
ABST-CM-2034	HCT 300 - 50	1.00	1.50
	width (w) : 300	1.20	1.50
		1.50	1.30
ABST-CM-2035	HCT 400 - 50	0.80	1.50
	width (w) : 400	1.00	1.50
		1.20	1.00
ABST-CM-2036	HCT 450 - 50	0.80	1.50
	width (w) : 450	1.00	1.20
		1.20	0.80
ABST-CM-2037	HCT 500 - 50	0.80	1.40
	width (w) : 500	1.00	0.95
		1.20	0.65
ABST-CM-2038	HCT 600 - 50	0.80	1.00
	width (w) : 600	1.00	0.60
		1.20	0.40
ABST-CM-2039	HCT 750 - 50	0.60	0.50
	width (w) : 750	0.80	0.50
		1.00	0.30
ABST-CM-2040	HCT 900 - 50	0.60	0.30
	width (w) : 900 mm	0.80	0.30
		1.00	0.20
		1.20	0.10

Thickness : 1.50mm
 Side Height: 50 mm
 Length : 3000 mm
 Width : 50 - 900 mm
 Safety : 1.5



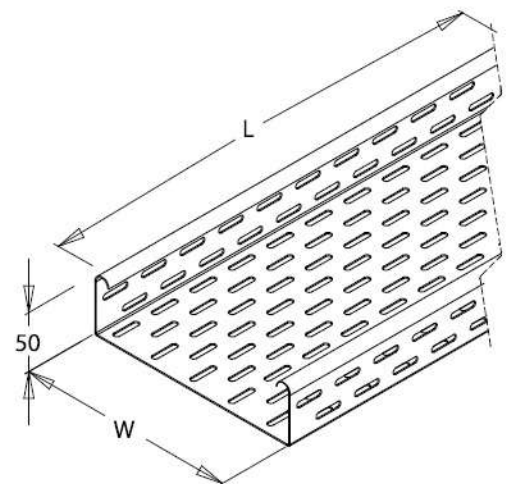
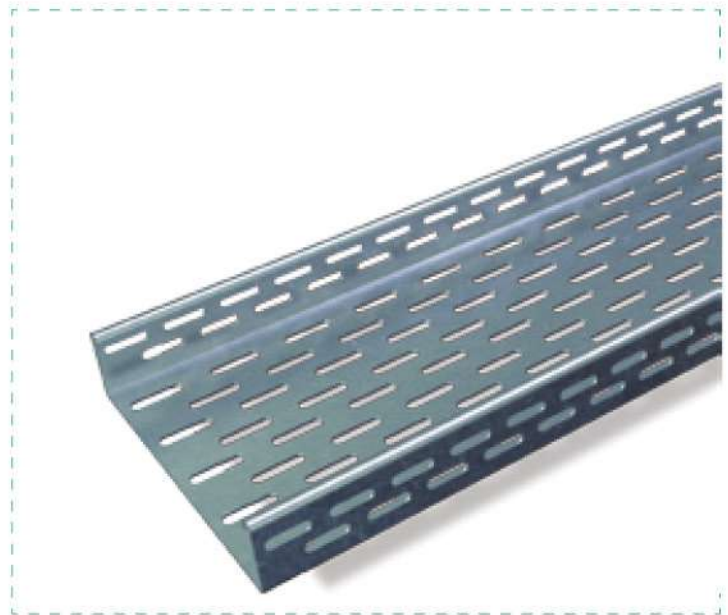
Width (mm)	Order Example				
	Item	(h)	(w)	(t)	Type
50	ABST-50	050	0050	3	RFI
100	ABST-50	050	0100	3	RFI

Heavy Duty - 1.50 mm Thickness

(Side Height 75 mm)

Item Code	Cable tray	Support distance (m)	Load kN/m
ABST-CM-2041	HCT 100 -75	1.00	1.50
	width (w) : 100 mm	1.20	1.50
		1.50	1.50
		2.00	1.40
ABST-CM-2042	HCT 150 -75	1.00	1.50
	width (w) : 150 mm	1.20	1.50
		1.50	1.50
		2.00	1.50
ABST-CM-2043	HCT 200 -75	1.00	1.50
	width (w) : 200 mm	1.20	1.50
		1.50	1.50
		2.00	1.50
ABST-CM-2044	HCT 225 -75	1.00	1.50
	width (w) : 225 mm	1.20	1.50
		1.50	1.50
		2.00	1.50
ABST-CM-2045	HCT 300 -75	1.00	1.50
	width (w) : 300 mm	1.20	1.50
		1.50	1.50
		2.00	1.45
ABST-CM-2046	HCT 400 -75	1.00	1.30
	width (w) : 400 mm	1.20	1.30
		1.50	1.30
		2.00	0.75
ABST-CM-2047	HCT 450 -75	1.00	1.20
	width (w) : 450 mm	1.20	1.20
		1.50	1.00
		2.00	0.55
ABST-CM-2048	HCT 500 -75	1.00	1.00
	width (w) : 500 mm	1.20	1.00
		1.50	0.85
		2.00	0.45
ABST-CM-2049	HCT 600 -75	0.80	0.80
	HCT 600 -75	1.00	0.80
		1.20	0.80
		1.50	0.55
ABST-CM-2050	HCT 750 -75	0.60	0.60
	width 750 mm	0.80	0.60
		1.00	0.60
		1.20	0.50
ABST-CM-2051	HCT 900 - 75	0.60	0.50
	width (w) : 900 mm	0.80	0.50
		1.00	0.40
		1.20	0.30

Thickness : 1.50 mm
 Side Height: 75 mm
 Length : 3000 mm
 Width : 100 - 900 mm
 Safety : 1.5



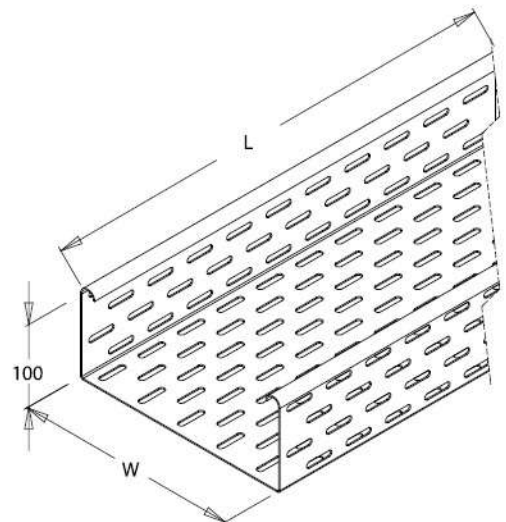
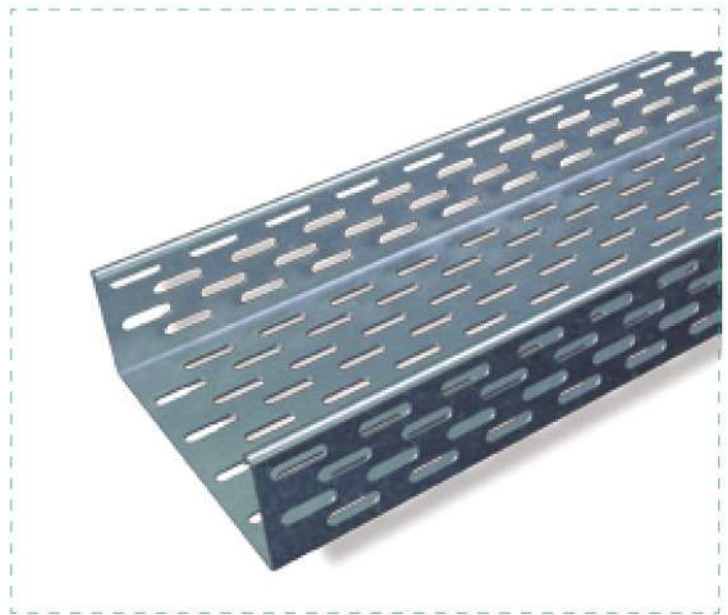
Width (mm)	Order Example				
	Item	(h)	(w)	(t)	Type
100	ABST- 75	075	0100	3	RFI
150	ABST- 75	075	0150	3	RFI

Heavy Duty - 1.50 mm Thickness

(Side Height 100 mm)

Item Code	Cable tray	Support distance (m)	Load kN/m
ABST-CM-2052	HCT 100 - 100	1.00	1.50
	width (w) : 100 mm	1.20	1.50
		1.50	1.50
		2.00	1.50
ABST-CM-2053	HCT 150 - 100	1.00	1.50
	width (w) : 150 mm	1.20	1.50
		1.50	1.50
		2.00	1.50
ABST-CM-2054	HCT 200 - 100	1.00	1.50
	width (w) : 200 mm	1.20	1.50
		1.50	1.50
		2.00	1.50
ABST-CM-2055	HCT 225 - 100	1.00	1.50
	width (w) : 225 mm	1.20	1.50
		1.50	1.50
		2.00	1.50
ABST-CM-2056	HCT 300 - 100	1.00	1.50
	width (w) : 300 mm	1.20	1.50
		1.50	1.50
		2.00	1.50
ABST-CM-2057	HCT 400 - 100	1.00	1.50
	width (w) : 400 mm	1.20	1.40
		1.50	1.10
		2.00	1.00
ABST-CM-2058	HCT 450 - 100	1.00	1.50
	width (w) : 450 mm	1.20	1.40
		1.50	1.10
		2.00	1.00
ABST-CM-2059	HCT 500 - 100	1.00	1.40
	width (w) : 500 mm	1.20	1.40
		1.50	1.10
		2.00	0.80
ABST-CM-2060	HCT 600 - 100	0.80	1.20
	width (w) : 600 mm	1.00	1.20
		1.20	1.20
		1.50	0.80
ABST-CM-2061	HCT 750 - 100	0.60	0.920
	width (w) : 750 mm	0.80	0.90
		1.00	0.90
		1.20	0.90
ABST-CM-2062	HCT 900 - 50	0.60	0.70
	width (w) : 900 mm	0.80	0.70
		1.00	0.70
		1.20	0.60

Thickness : 1.50 mm
 Side Height: 100 mm
 Length : 3000 mm
 Width : 100 - 900 mm
 Safety : 1.5



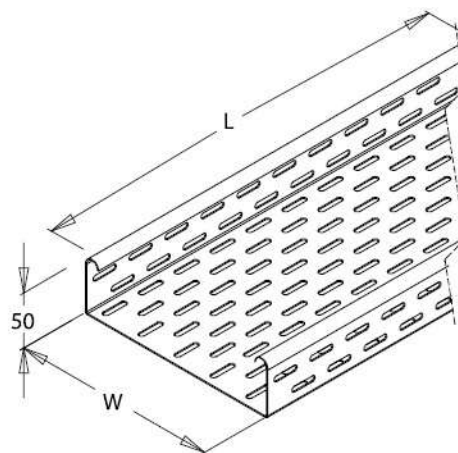
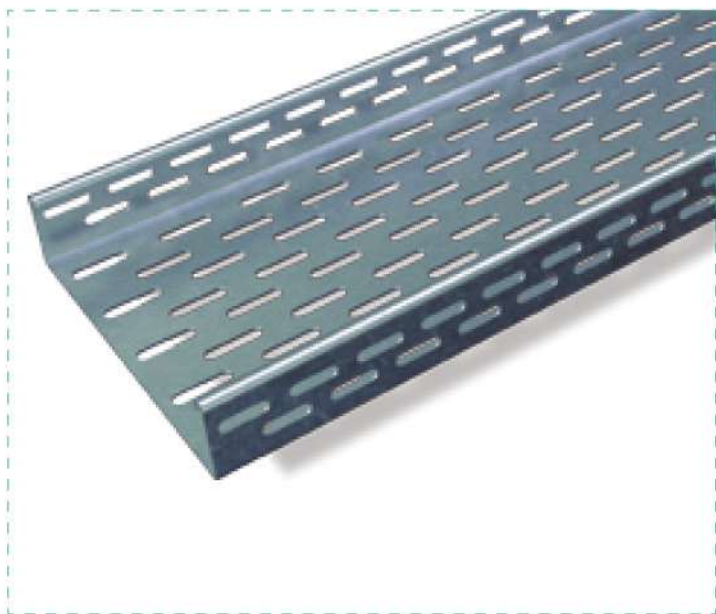
Width (mm)	Order Example				
	Item	(h)	(w)	(t)	Type
100	ABST-100	0100	0100	3	RFI
150	ABST-100	0100	0150	3	RFI

Very Heavy Duty - 2.00 mm Thickness

(Side Height 50 mm)

Thickness : 2.0 mm
 Side Height: 50 mm
 Length : 3000 mm
 Width : 50 - 1000 mm
 Safety : 1.5

Item Code	Cable tray	Support distance (m)	Load kN/m
ABST-CM-2063	VCT 50 - 50	1.00	1.50
	width (w) : 50 mm	1.20	1.50
		1.50	1.50
		2.00	0.90
ABST-CM-2064	VCT 100 - 50	1.00	1.50
	width (w) : 100 mm	1.20	1.50
		1.50	1.50
		2.00	1.00
ABST-CM-2065	VCT 150 - 50	1.00	1.50
	width (w) : 150 mm	1.20	1.50
		1.50	1.50
		2.00	1.00
ABST-CM-2066	VCT 200 - 50	1.00	1.50
	width (w) : 200	1.20	1.50
		1.50	1.50
		2.00	1.00
ABST-CM-2067	VCT 225 - 50	1.00	1.50
	width (w) : 225	1.20	1.50
		1.50	1.50
		2.00	1.00
ABST-CM-2068	VCT 300 - 50	1.00	1.50
	width (w) : 300	1.20	1.50
		1.50	1.50
		2.00	1.00
ABST-CM-2069	VCT 400 - 50	1.00	1.50
	width (w) : 400	1.20	1.50
		1.50	1.50
		2.00	0.90
ABST-CM-2070	VCT 450 - 50	1.00	1.50
	width (w) : 450	1.20	1.50
		1.50	1.20
		2.00	0.60
ABST-CM-2071	VCT 500 - 50	1.00	1.50
	width (w) : 500	1.20	1.50
		1.50	1.00
		2.00	0.50
ABST-CM-2072	VCT 600 - 50	0.80	1.50
	width (w) : 600	1.00	1.30
		1.20	0.90
		1.50	0.60
ABST-CM-2073	VCT 750 - 50	0.60	1.30
	width (w) : 750	0.80	1.30
		1.00	0.90
		1.20	0.60
ABST-CM-2074	VCT 900 - 50	0.60	0.90
	width (w) : 900 mm	0.80	0.90
		1.00	0.90
		1.20	0.90
ABST-CM-2075	VCT 1000 - 50	1.20	0.60
	width (w) : 1000 mm	0.80	0.60
		1.00	0.40
		1.20	0.20



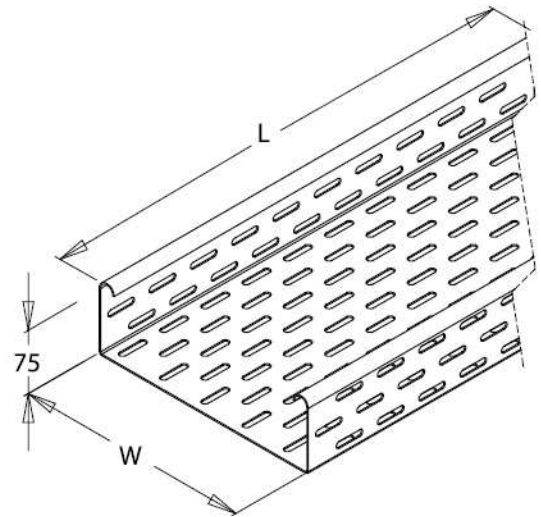
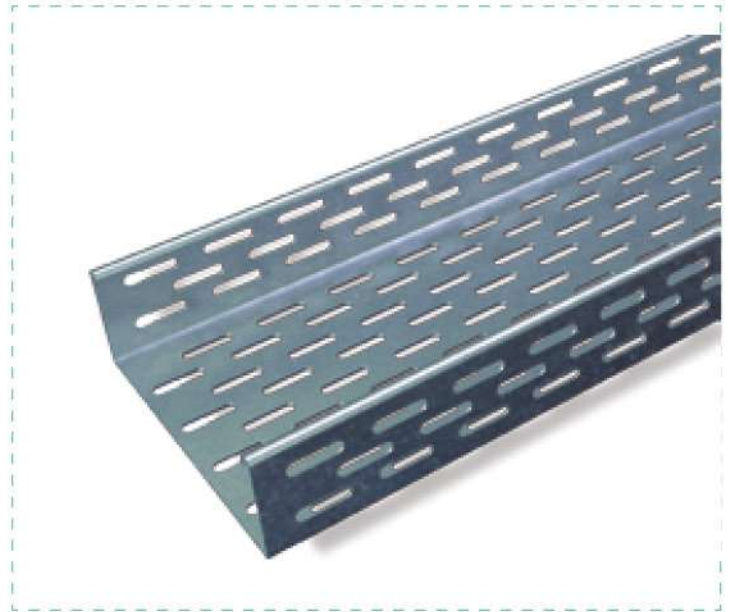
Width (mm)	Order Example				
	Item	(h)	(w)	(t)	Type
50	ABST-50	050	0050	4	RFI
100	ABST-50	050	0100	4	RFI

Very Heavy Duty - 2.00 mm Thickness

(Side Height 75 mm)

Item Code	Cable tray	Support distance (m)	Load kN/m
ABST-CM-2076	VCT 100 - 75	1.00	1.50
	width (w) : 100 mm	1.20	1.50
		1.50	1.50
		2.00	1.00
ABST-CM-2077	VCT 150 - 75	1.00	1.50
	width (w) : 150 mm	1.20	1.50
		1.50	1.50
		2.00	1.00
ABST-CM-2078	VCT 200 - 75	1.00	1.50
	width (w) : 200	1.20	1.50
		1.50	1.50
		2.00	1.00
ABST-CM-2079	VCT 300 - 75	1.00	1.50
	width (w) : 300	1.20	1.50
		1.50	1.50
		2.00	1.00
ABST-CM-2080	VCT 400 - 75	1.00	1.50
	width (w) : 400	1.20	1.50
		1.50	1.50
		2.00	0.90
ABST-CM-2081	VCT 450 - 75	1.00	1.50
	width (w) : 450	1.20	1.50
		1.50	1.20
		2.00	0.60
ABST-CM-2082	VCT 500 - 75	1.00	1.50
	width (w) : 500	1.20	1.50
		1.50	1.00
		2.00	0.50
ABST-CM-2083	VCT 600 - 75	1.00	1.50
	width (w) : 600	1.20	1.15
		1.50	0.65
		2.00	0.30
ABST-CM-2084	VCT 750 - 75	0.80	1.20
	width (w) : 750	1.00	1.20
		1.20	1.20
		1.50	0.80
ABST-CM-2085	VCT 900 - 75	0.60	0.90
	width (w) : 900	0.80	0.90
		1.00	0.90
		1.20	0.80

Thickness : 2.0 mm
 Side Height : 50 mm
 Length : 3000 mm
 Width : 50 - 1000 mm
 Safety : 1.5



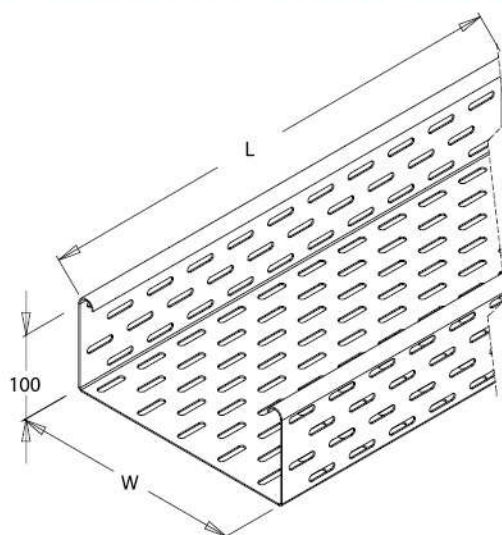
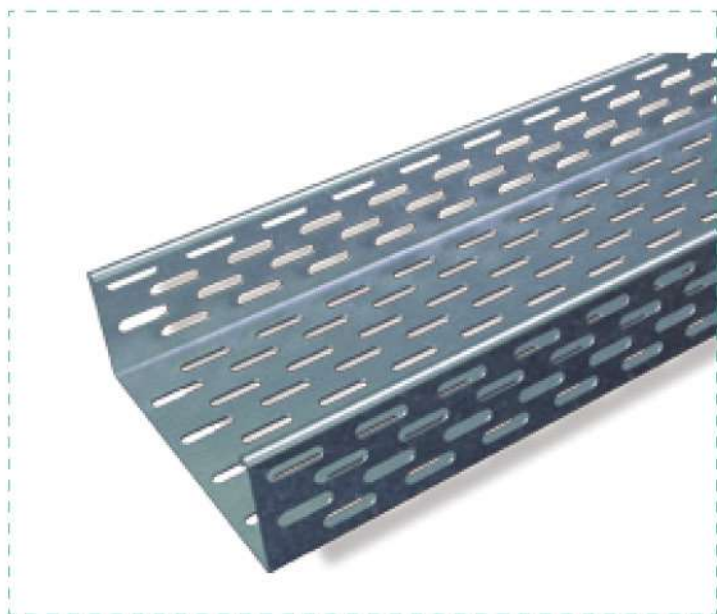
Width (mm)	Order Example				
	Item	(h)	(w)	(t)	Type
50	ABST-75	075	0050	4	RFI
100	ABST-75	075	0100	4	RFI

Very Heavy Duty - 2.00 mm Thickness

(Side Height 100 mm)

Item Code	Cable tray	Support distance (m)	Load kN/m
ABST-CM-2086	VCT 100 - 100	1.00	1.50
	width (w) : 100 mm	1.20	1.50
		1.50	1.50
		2.00	1.50
ABST-CM-2087	VCT 150 - 100	1.00	1.50
	width (w) : 150 mm	1.20	1.50
		1.50	1.50
		2.00	1.50
ABST-CM-2088	VCT 200 - 100	1.00	1.50
	width (w) : 200	1.20	1.50
		1.50	1.50
		2.00	1.50
ABST-CM-2089	VCT 300 - 100	1.00	1.50
	width (w) : 300	1.20	1.50
		1.50	1.50
		2.00	1.50
ABST-CM-2090	VCT 400 - 100	1.00	1.50
	width (w) : 400	1.20	1.50
		1.50	1.50
		2.00	1.50
ABST-CM-2091	VCT 500 - 100	1.00	1.50
	width (w) : 500	1.20	1.50
		1.50	1.50
		2.00	1.50
ABST-CM-2092	VCT 600 - 100	1.00	1.50
	width (w) : 600	1.20	1.50
		1.50	1.50
		2.00	1.30
ABST-CM-2093	VCT 750 - 100	1.00	1.50
	width (w) : 750	1.20	1.50
		1.50	1.30
		2.00	0.70
ABST-CM-2094	VCT 800 - 100	0.80	1.50
	width (w) : 800	1.00	1.50
		1.20	1.20
		1.50	0.60
ABST-CM-2095	VCT 900 - 100	0.80	1.35
	width (w) : 900	1.00	1.35
		1.20	0.90
		1.50	0.45
ABST-CM-2096	VCT 1000 - 100	0.80	1.20
	width (w) : 1000	1.00	1.20
		1.20	1.10
		1.50	0.70

Thickness : 2.00 mm
 Side Height: 100 mm
 Length : 3000 mm
 Width : 100 - 1000 mm
 Safety : 1.5



Width (mm)	Order Example				
	Item	(h)	(w)	(t)	Type
100	ABST-100	0100	0050	4	RFI
150	ABST-100	0100	0100	4	RFI

(Side Height 50 mm)

Item Code				Cable Tray
Light Duty (LCT) 1.0mm Thickness	Medium Duty (MCT) 1.2mm Thickness	Heavy Duty (HCT) 1.5mm Thickness	Very Heavy Duty (VCT) 2.0mm Thickness	Width mm
ABST-CMA-3001	ABST-CMA-3007	ABST-CMA-3017	ABST-CMA-3028	50 - 50 width: 50
ABST-CMA-3002	ABST-CMA-3008	ABST-CMA-3018	ABST-CMA-3029	100 - 50 width: 100
ABST-CMA-3003	ABST-CMA-3009	ABST-CMA-3019	ABST-CMA-3030	150 - 50 width: 150
ABST-CMA-3004	ABST-CMA-3010	ABST-CMA-3020	ABST-CMA-3031	200 - 50 width: 200
ABST-CMA-3005	ABST-CMA-3011	ABST-CMA-3021	ABST-CMA-3032	225 - 50 width: 225
ABST-CMA-3006	ABST-CMA-3012	ABST-CMA-3022	ABST-CMA-3033	300 - 50 width: 300
	ABST-CMA-3013	ABST-CMA-3023	ABST-CMA-3034	400 - 50 width: 400
	ABST-CMA-3014	ABST-CMA-3024	ABST-CMA-3035	450 - 50 width: 450
	ABST-CMA-3015	ABST-CMA-3025	ABST-CMA-3036	500 - 50 width: 500
	ABST-CMA-3016	ABST-CMA-3026	ABST-CMA-3037	600 - 50 width: 600
		ABST-CMA-3027	ABST-CMA-3038	750 - 50 width: 750
			ABST-CMA-3039	900 - 50 width: 900
			ABST-CMA-3040	100 - 50 width: 1000



(Side Height 75 mm)

Item Code			Cable Tray
Medium Duty (MCT) 1.2mm Thickness	Heavy Duty (HCT) 1.5mm Thickness	Very Heavy Duty (VCT) 2.0mm Thickness	Width mm
ABST-CMA-3041	ABST-CMA-3050	ABST-CMA-3061	100 - 75 width: 100
ABST-CMA-3042	ABST-CMA-3051	ABST-CMA-3062	150 - 75 width: 150
ABST-CMA-3043	ABST-CMA-3052	ABST-CMA-3063	200 - 75 width: 200
ABST-CMA-3044	ABST-CMA-3053	ABST-CMA-3064	225 - 75 width: 225
ABST-CMA-3045	ABST-CMA-3054	ABST-CMA-3065	300 - 75 width: 300
ABST-CMA-3046	ABST-CMA-3055	ABST-CMA-3066	400 - 75 width: 400
ABST-CMA-3047	ABST-CMA-3056	ABST-CMA-3067	450 - 75 width: 450
ABST-CMA-3048	ABST-CMA-3057	ABST-CMA-3068	500 - 75 width: 500
ABST-CMA-3049	ABST-CMA-3058	ABST-CMA-3069	600 - 75 width: 600
	ABST-CMA-3059	ABST-CMA-3070	750 - 75 width: 750
	ABST-CMA-3060	ABST-CMA-3071	900 - 75 width: 900

(Side Height 75 mm)

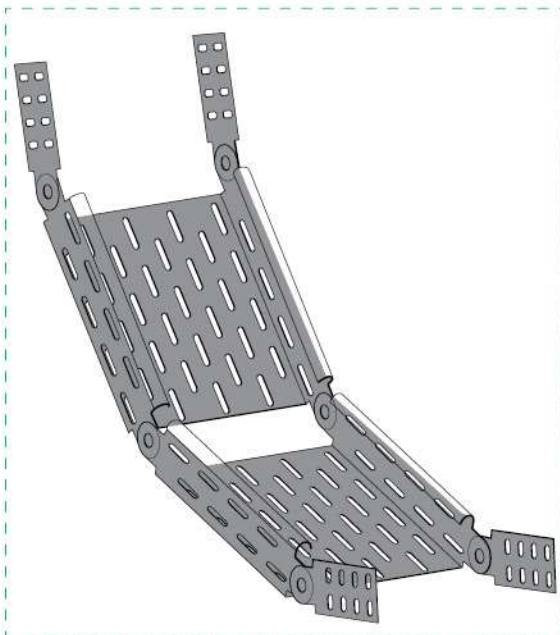
Item Code			Cable Tray
Medium Duty (MCT) 1.2mm Thickness	Heavy Duty (HCT) 1.5mm Thickness	Very Heavy Duty (VCT) 2.0mm Thickness	Width mm
ABST-CMA-3072	ABST-CMA-3081	ABST-CMA-3092	100 - 100 width: 100
ABST-CMA-3073	ABST-CMA-3082	ABST-CMA-3093	150 - 100 width: 150
ABST-CMA-3074	ABST-CMA-3083	ABST-CMA-3094	200 - 100 width: 200
ABST-CMA-3075	ABST-CMA-3084	ABST-CMA-3095	225 - 100 width: 225
ABST-CMA-3076	ABST-CMA-3085	ABST-CMA-3096	300 - 100 width: 300
ABST-CMA-3077	ABST-CMA-3086	ABST-CMA-3097	400 - 100 width: 400
ABST-CMA-3078	ABST-CMA-3087	ABST-CMA-3098	450 - 100 width: 450
ABST-CMA-3079	ABST-CMA-3088	ABST-CMA-3099	500 - 100 width: 500
ABST-CMA-3080	ABST-CMA-3089	ABST-CMA-3100	600 - 100 width: 600
	ABST-CMA-3090	ABST-CMA-3101	750 - 100 width: 750
	ABST-CMA-3091	ABST-CMA-3102	900 - 100 width: 900
		ABST-CMA-3103	100 - 100 width: 1000

(Side Height 50 mm)

Item Code				Cable Tray
Medium Duty (MCT) 1.2mm Thickness	Medium Duty (MCT) 1.2mm Thickness	Heavy Duty (HCT) 1.5mm Thickness	Very Heavy Duty (VCT) 2.0mm Thickness	Width mm
ABST-CMA-3104	ABST-CMA-3121	ABST-CMA-3138	ABST-CMA-3155	600 - 225
ABST-CMA-3105	ABST-CMA-3122	ABST-CMA-3139	ABST-CMA-3156	600 - 300
ABST-CMA-3106	ABST-CMA-3123	ABST-CMA-3140	ABST-CMA-3157	600 - 400
ABST-CMA-3107	ABST-CMA-3124	ABST-CMA-3141	ABST-CMA-3158	600 - 450
ABST-CMA-3108	ABST-CMA-3125	ABST-CMA-3142	ABST-CMA-3159	600 - 500
ABST-CMA-3109	ABST-CMA-3126	ABST-CMA-3143	ABST-CMA-3160	700 - 50
ABST-CMA-3110	ABST-CMA-3127	ABST-CMA-3144	ABST-CMA-3161	700 - 100
ABST-CMA-3111	ABST-CMA-3128	ABST-CMA-3145	ABST-CMA-3162	700 - 150
ABST-CMA-3112	ABST-CMA-3129	ABST-CMA-3146	ABST-CMA-3163	700 - 200
ABST-CMA-3113	ABST-CMA-3130	ABST-CMA-3147	ABST-CMA-3164	700 - 225
ABST-CMA-3114	ABST-CMA-3131	ABST-CMA-3148	ABST-CMA-3165	700 - 300
ABST-CMA-3115	ABST-CMA-3132	ABST-CMA-3149	ABST-CMA-3166	700 - 400
ABST-CMA-3116	ABST-CMA-3133	ABST-CMA-3150	ABST-CMA-3167	700 - 450
ABST-CMA-3117	ABST-CMA-3134	ABST-CMA-3151	ABST-CMA-3168	700 - 500
ABST-CMA-3118	ABST-CMA-3135	ABST-CMA-3152	ABST-CMA-3169	700 - 600
ABST-CMA-3119	ABST-CMA-3136	ABST-CMA-3153	ABST-CMA-3170	750 - 250
ABST-CMA-3120	ABST-CMA-3137	ABST-CMA-3154	ABST-CMA-3171	900 - 300



ADJUSTABLE RISER / 640



(Side Height 50 mm)

2mm Thickness	
Item Code	Width
ABST-CMA-3172	100
ABST-CMA-3173	150
ABST-CMA-3174	200
ABST-CMA-3175	225
ABST-CMA-3176	300
ABST-CMA-3177	450
ABST-CMA-3178	600
ABST-CMA-3179	750
ABST-CMA-3180	900

(Side Height 100 mm)

2mm Thickness	
Item Code	Width
ABST-CMA-3181	100
ABST-CMA-3182	150
ABST-CMA-3183	200
ABST-CMA-3184	225
ABST-CMA-3185	300
ABST-CMA-3186	450
ABST-CMA-3187	600
ABST-CMA-3188	750
ABST-CMA-3189	900

Width (mm)	Order Example						
	Item	(h)	(w)	(t)	Type	(L)	(r)
50	640	050	0050	2	RFI	3000	/45
100	640	050	0100	2	RFI	3000	/45

Straight connector / 1000

1000

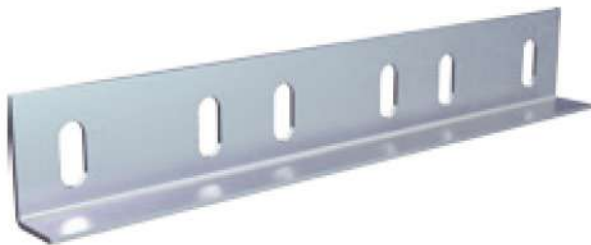


Order Example

Item Code	(h)	(t)
1000-50	050	2
1000-75	075	2
1000-100	100	2

Angle Connector / 1010

1010



Order Example

Item Code	(h)	(t)
1010-50	050	2
1010-75	075	2
1010-100	100	2

1030



Order Example

Item Code	(h)	(t)
1030-50	050	2
1030-75	075	2
1030-100	100	2

Wrap Over Coupler / 1050 - 1030

1050



Order Example

Item Code	(h)	(t)
1050-50	050	2
1050-75	075	2
1050-100	100	2

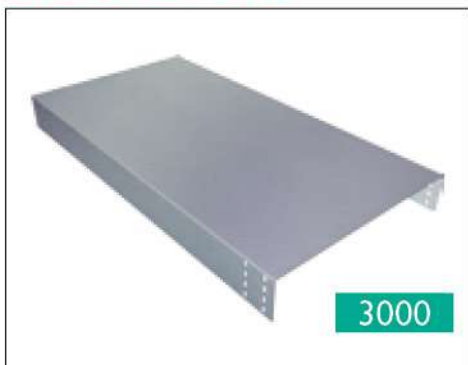
Cable tray cover

Functions

Cable tray covers shall be considered for any of the following purposes:

- Protection from falling objects or debris, as may occur beneath personnel walkways.
- Shielding from ultra-violet rays of the sun and guarding against other weathering elements.
- Minimizing accumulation of foreign contaminants such as ash or other industrial deposits.
- Protection of cables and personnel where a riser tray penetrates a floor or grating.

Solid Cover / 3000



Covers Side Height Types :

- Solid without flange
- Solid with flange
- Ventilated without flange
- Ventilated with flange

Ventilated Cover / 3100



- Cable Ladder covers are supplied with or without a 15 mm downturned flange.
- Straight section covers are furnished 3000 mm long. All fitting covers are furnished in solid design only.

Cable tray cover with locking clamp / 3200

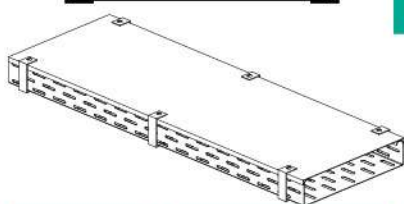


Covers Side Height Types

- Solid without flange - (VOF)
- Solid with flange - (VWF)



3300



Item	Item Code
Solid Cover	SVCTCS-F-00044554
Ventilated Cover	SVCTIS-F-00136105
Locking Clamp	STCB-F-00178149

Locking clamp

Thickness: 2 mm



Order Example		
Item Code	(h)	(t)
3300-50	050	2
3300-75	075	2
3300-100	100	2

Spring down clamp

Thickness: 2 mm

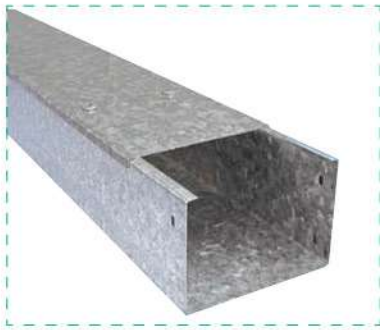


3301

Order Example		
Item Code	(h)	(t)
3301-50	050	2
3301-75	075	2
3301-100	100	2

Metal Trunking System

Single Compartment Return Edge Trunking



Item code	Size (mm)	Item code	Size (mm)
ABST-5011	50 x 50	ABST-5025	200 x 200
ABST-5012	75 x 50	ABST-5026	225 x 50
ABST-5013	75 x 75	ABST-5027	225 x 75
ABST-5014	100 x 50	ABST-5028	225 x 100
ABST-5015	100 x 75	ABST-5029	225 x 150
ABST-5016	100 x 100	ABST-5030	225 x 200
ABST-5017	150 x 50	ABST-5031	225 x 225
ABST-5018	150 x 75	ABST-5032	300 x 50
ABST-5019	150 x 100	ABST-5033	300 x 75
ABST-5020	150 x 150	ABST-5034	300 x 100
ABST-5021	200 x 50	ABST-5035	300 x 150
ABST-5022	200 x 75	ABST-5036	300 x 200
ABST-5023	200 x 100	ABST-5037	300 x 225
ABST-5024	200 x 150	ABST-5038	300 x 300

END CAP*



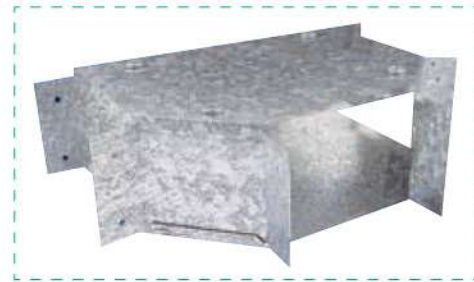
Item code	Size (mm)	Item code	Size (mm)
ABST-5039	50 x 50	ABST-5043	100 x 75
ABST-5040	75 x 50	ABST-5044	100 x 100
ABST-5041	75 x 75	ABST-5045	150 x 50
ABST-5042	100 x 50		

CROSSOVER TOP LID*



Item code	Size (mm)	Item code	Size (mm)
ABST-5046	50 x 50	ABST-5050	100 x 75
ABST-5047	75 x 50	ABST-5051	100 x 100
ABST-5048	75 x 75	ABST-5052	150 x 50
ABST-5049	100 x 50		

GUSSET TEE TOP LID*



Item code	Size (mm)	Item code	Size (mm)
ABST-5053	50 x 50	ABST-5057	100 x 75
ABST-5054	75 x 50	ABST-5058	100 x 100
ABST-5055	75 x 75	ABST-5059	150 x 50
ABST-5056	100 x 50		

GUSSET TEE TOP LID*



Item code	Size (mm)	Item code	Size (mm)
ABST-5060	50 x 50	ABST-5064	100 x 75
ABST-5061	75 x 50	ABST-5065	100 x 100
ABST-5062	75 x 75	ABST-5066	150 x 50
ABST-5063	100 x 50		

GUSSET TEE OUTSIDE LID*



Item code	Size (mm)	Item code	Size (mm)
ABST-5067	50 x 50	ABST-5071	100 x 75
ABST-5068	75 x 50	ABST-5072	100 x 100
ABST-5069	75 x 75	ABST-5073	150 x 50
ABST-5070	100 x 50		

900 GUSSET BEND OUTSIDE LID*



Item code	Size (mm)	Item code	Size (mm)
ABST-5081	50 x 50	ABST-5085	100 x 75
ABST-5082	75 x 50	ABST-5086	100 x 100
ABST-5083	75 x 75	ABST-5087	150 x 50
ABST-5084	100 x 50		

90 GUSSET BEND TOP LID*



Item code	Size (mm)	Item code	Size (mm)
ABST-5074	50 x 50	ABST-5078	100 x 75
ABST-5075	75 x 50	ABST-5079	100 x 100
ABST-5076	75 x 75	ABST-5080	150 x 50
ABST-5077	100 x 50		

900 GUSSET BEND INSIDE LID*



Item code	Size (mm)	Item code	Size (mm)
ABST-5088	50 x 50	ABST-5092	100 x 75
ABST-5089	75 x 50	ABST-5093	100 x 100
ABST-5090	75 x 75	ABST-5094	150 x 50
ABST-5091	100 x 50		

CABLE RETAINER



Item code	Size (mm)	Item code	Size (mm)
ABST-5095	50	ABST-5099	200
ABST-5096	70	ABST-5100	225
ABST-5097	100	ABST-5101	300
ABST-5098	150		

END FLANGE (SINGLE)*



Item code	Size (mm)	Item code	Size (mm)
ABST-5102	50 x 50	ABST-5106	100 x 75
ABST-5103	75 x 50	ABST-5107	100 x 100
ABST-5104	75 x 75	ABST-5108	150 x 50
ABST-5105	100 x 50		

STEEL LINTELS

STEEL LINTELS

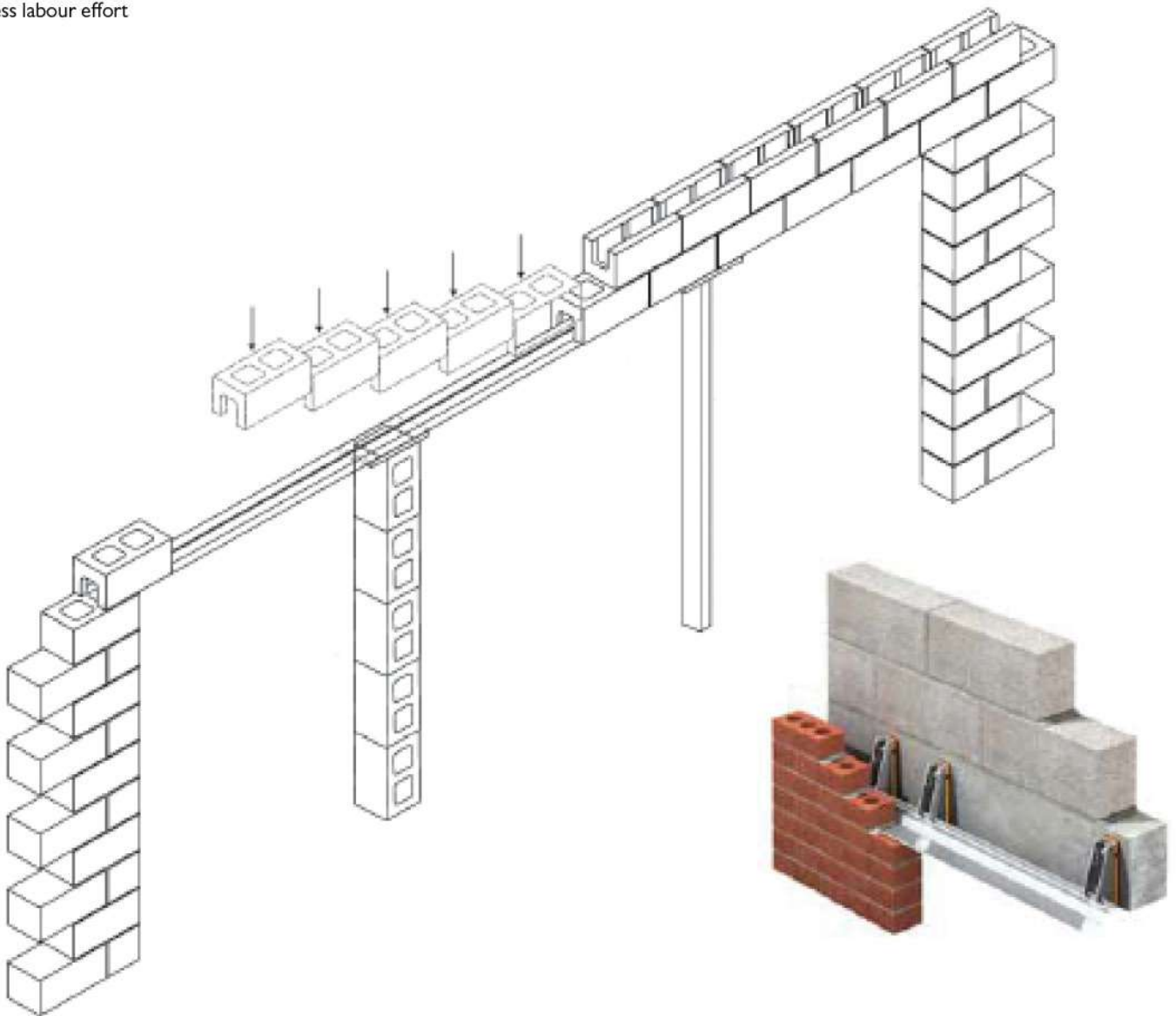
Steel lintel is the metal stand which is commonly used now as a support for the span over the doors and windows.

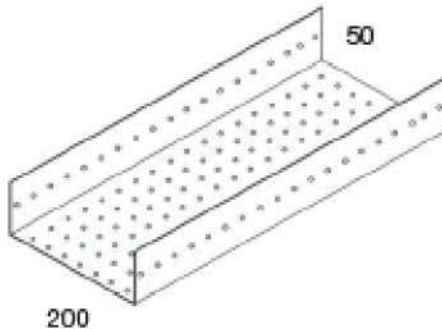
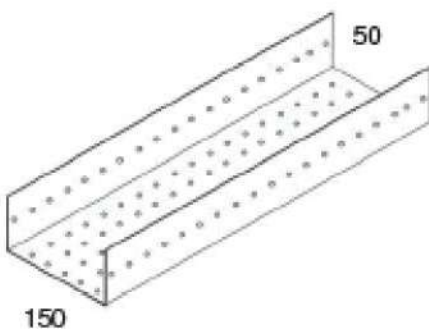
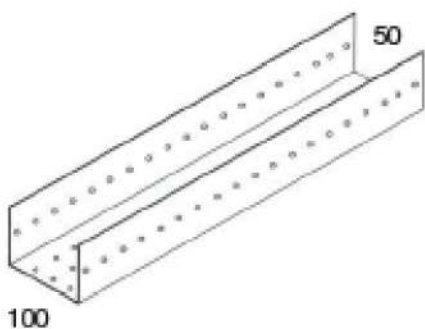
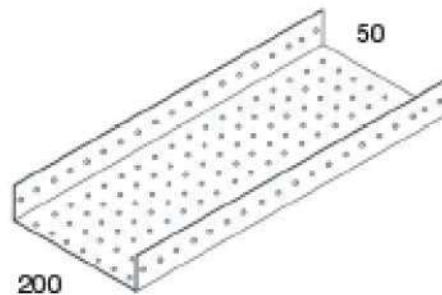
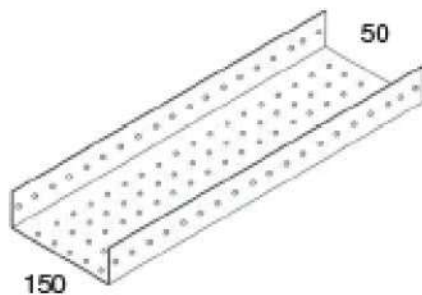
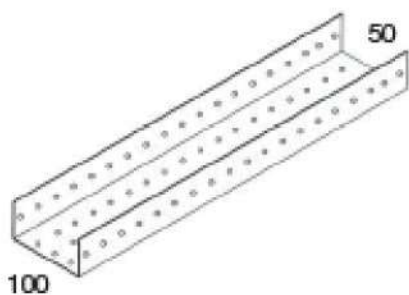
We manufacture it from prime steel galvanized with zinc coated to prevent the corrosion.

It is available in different sizes to be suitable for any types of blocks.

Lintel is the best method for this purpose which provides:

- Easy
- Fast
- Less cost
- Less labour effort





Part No.	Width(mm)	Height(mm)	Thickness(mm)
CM-U 100 X 50	100	50	2
CM-U 150 X 50	150		
CM-U 200 X 50	200		
CM-U 100 X 75	100	75	2
CM-U 150 X 75	150		
CM-U 200 X 75	200		

STEEL LINTEL

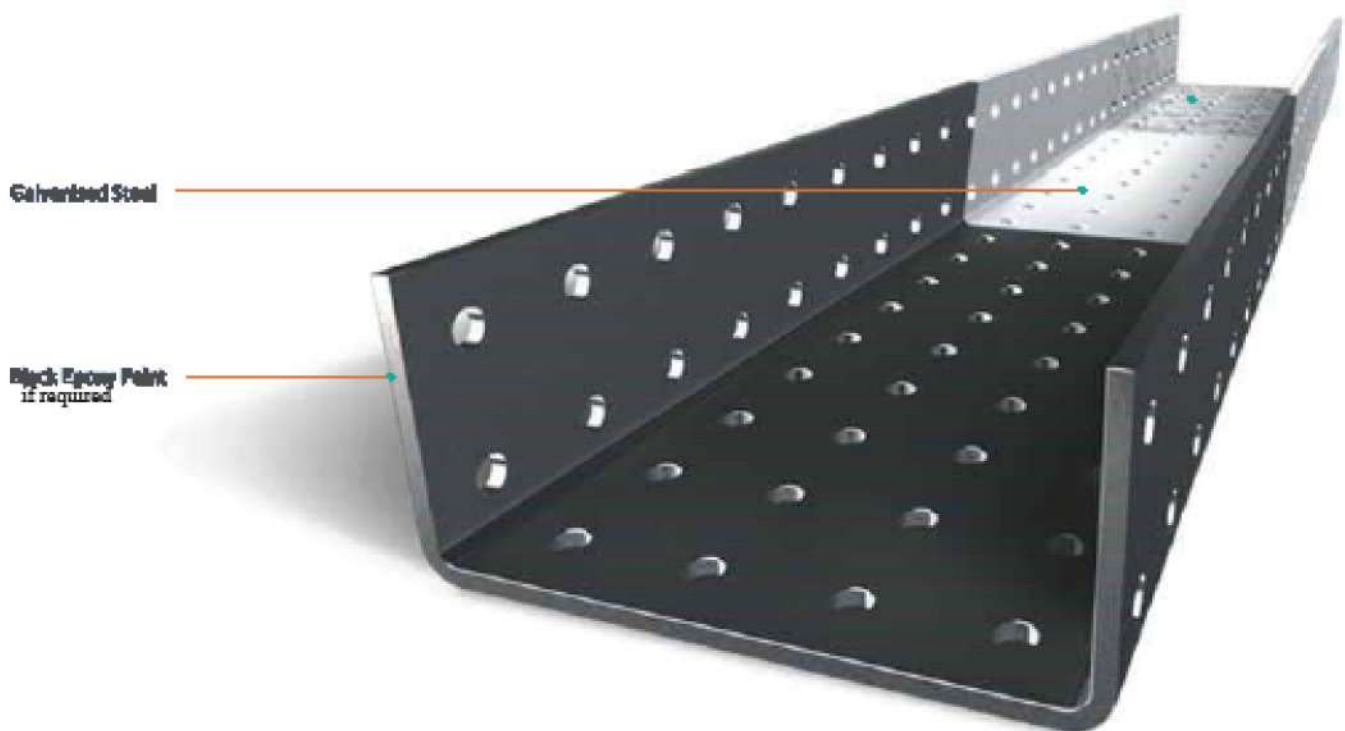
Description

BUILDMATE steel Lintel is a range of lightweight, easy to install, high load bearing, hot dipped galvanized ribbed steel lintels for use with brick construction in the building industry; specifically designed to support brickwork above window and door openings in replacement to conventional concrete lintel. All Lintels are manufactured using galvanized steel or stainless steel. Upon customer request, steel lintels can be coated with black coat epoxy paint which provides excellent long-term corrosion resistance.

Application

Lintels should be simply supported at each solid base using a minimum end bearing of 200mm. Lintel Brackets should be used to support where bearing walls are not available. Lintels should not be used if damaged or welded. Lintels, cut to length at factory should be used. Lintels must always be used within their weight capacity (see Lintels table). Use support at center until mortar become dry to avoid high deflection.

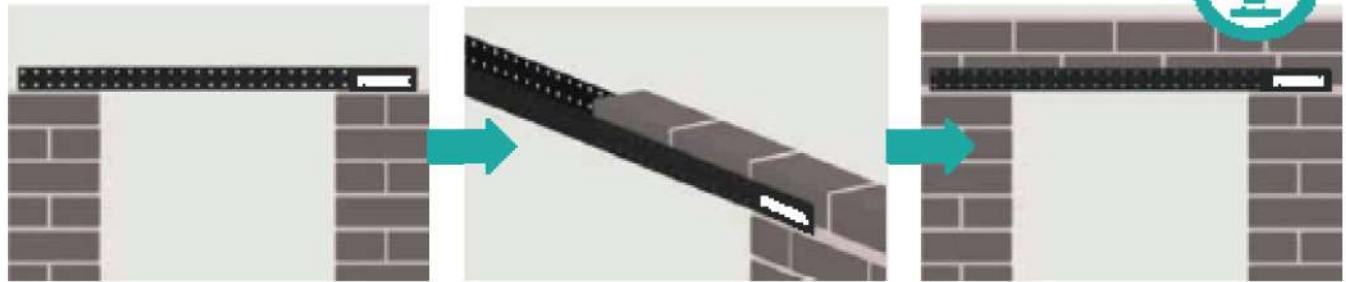
Black Epoxy paint coating is an effective barrier against moisture or chemical attack leached from the mortar and masonry. Special Width of 225, 250, 300, 350 & 400mm are available upon request. Thickness up to 4mm and different heights are available upon request.



Steel

Comparison of installation times with a BUILDMATE lintel and a conventional concrete cast in-situ lintel.

BUILDMATE Intel Installation



Total installation time
– 2 minutes

Concrete cast in-situ lintel installation

1 Vertical framework erected and secured and Horizontal Level

2 Commencement of lintel framework.

3 Continuation of framework.



4 Completion of framework.

5 Completion of lintel after steel reinforcement and pouring of concrete.

6 Wait for concrete to set.



Total installation time
– 48 minutes

the time taken to install just one concrete lintel,

twenty-four BUILDMATE lintels could have been installed

the concrete lintel must be left to cure before continuing with blockwork installation.

CHANNEL LINTELS

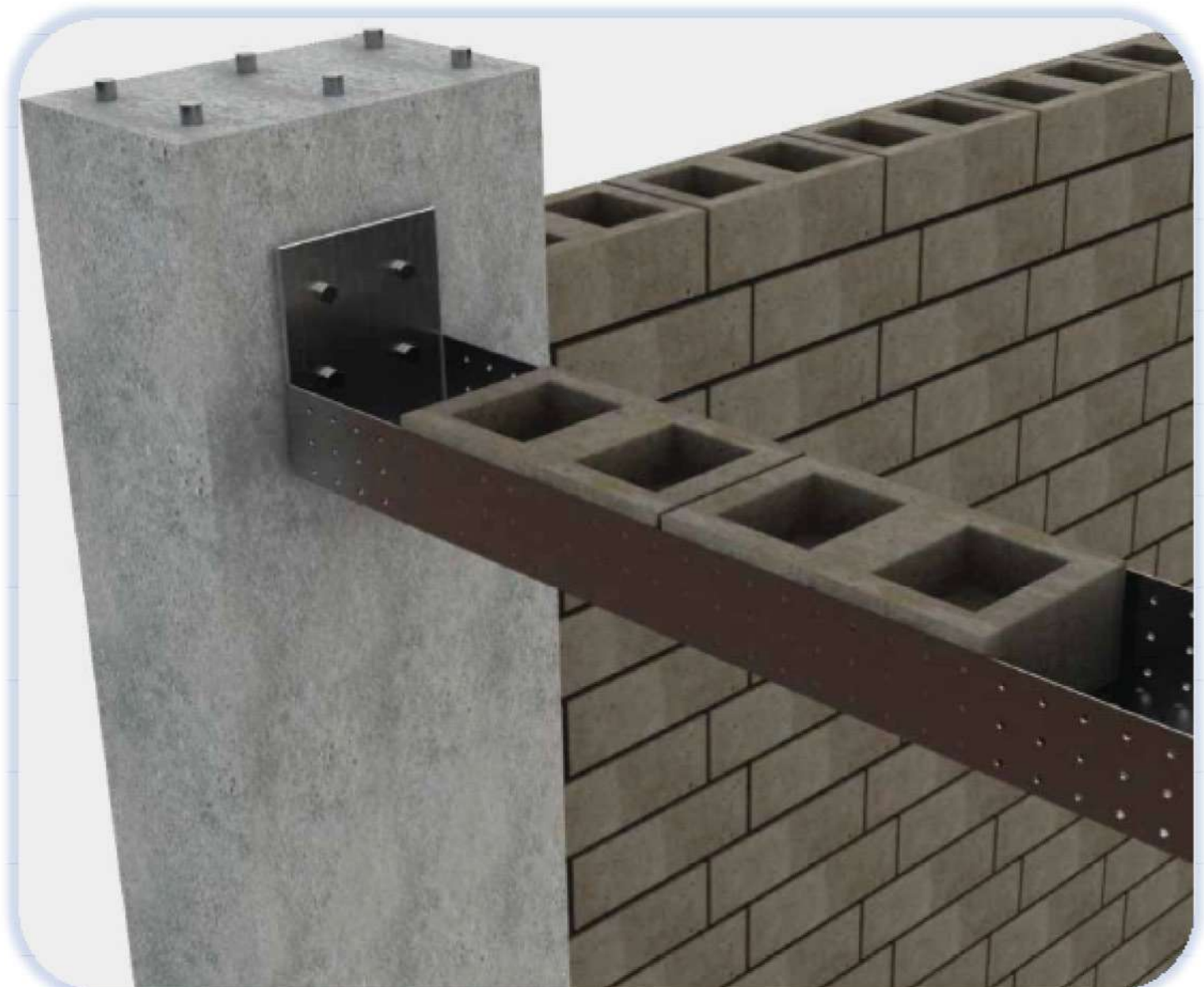


Lintel Dimension (mm)	Lintel type code	Gauge code	Sheet thickness (mm)	Weight per metre (kg)	Safe Working Load uniformly distributed (tonnes) Lengths available (mm) in increments of 100 (mm)							
W	H				900-1200	1300-1500	1600-1800	1900-2100	2200-2400	2500-2700	2800-3000	
103	50	CI 100	A	2.0	3.0	0.55	0.42	0.31	-	-	-	-
			B	2.5	3.7	0.80	0.58	0.38	0.24	0.18	-	-
			C	3.1	4.7	1.12	0.66	0.44	0.31	0.23	0.16	0.13
153	50	CI 150	A	2.0	3.7	0.48	0.37	0.27	-	-	-	-
			B	2.5	4.7	0.76	0.58	0.41	0.27	0.19	-	-
			C	3.1	5.9	1.22	0.79	0.52	0.37	0.28	0.19	0.14
203	50	CI 200	A	2.0	4.4	0.62	0.48	0.35	-	-	-	-
			B	2.5	5.6	0.77	0.59	0.41	0.29	0.21	-	-
			C	3.1	7.1	1.05	0.80	0.53	0.38	0.28	0.19	0.14
253	50	CI 250	A	2.0	5.4	0.62	0.48	0.35	-	-	-	-
			B	2.5	6.7	0.77	0.59	0.41	0.29	0.21	-	-
			C	3.1	8.6	1.05	0.80	0.53	0.38	0.28	0.19	0.14

Note: Width dimensions are "inside of channel" dimensions.

◆ LINTEL BRACKETS

Reference	Size (mm)	Thickness (mm)	Lintel Size	Anchor Size
LB100	100x150x150	4/5/6	100	4xM6x80
LB150	150x150x150	4/5/6	150	4xM6x80
LB200	200x200x150	4/5/6	200	4xM10x90
LB250	250x200x150	4/5/6	250	4xM10x90



INSTALLATION SYSTEM

**Steadfast
SCH - 341
HDG Unistrut channel 41 x 41 x 2.5mm**



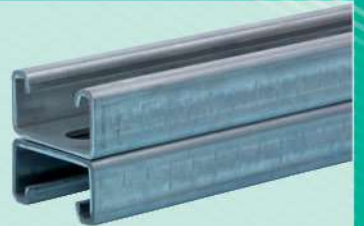
**Steadfast
SCH - 321
HDG Unistrut channel 41 x 21 x 2.5mm**



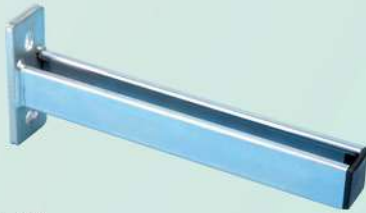
**Steadfast
SCH - 342
HDG Unistrut Channel B2B 41 x 82 x 2.5mm**



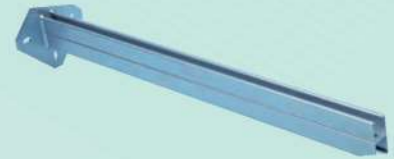
**Steadfast
SCH - 343
HDG Unistrut channel B2B 41 x 62 x 2.5mm**



**Steadfast
STA - 80023
Cantilever arm 41 x 41
HDG/GI**



**Steadfast
STA - 80022
Cantilever arm 41/82**



**Steadfast
STA - 80020
Single Base Plate
41 x 4 mm x 6 mm plate**



**Steadfast
STA - 80023
Triangular Corner**



**Steadfast
STA - 80021
Hinge connector**



**Steadfast
STA - 80024
Double Base plate for
B2B slotted channel**



BUILT FOR TRUST

Your construction solution partner

INSTALLATION SYSTEM

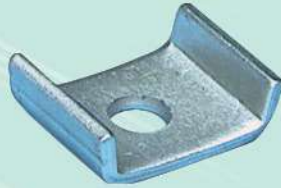
STA - 80019
L - Connector
40 x 80 x 6 mm
with 3 holes



STA - 80015
L - Connector
80 x 80 x 6 mm
with 4 holes



STA - 80018
Holding/Retaining clamp
50 x 30 mm x 4 mm



STA - 80014
Tensioning clamp



STA - 80017
Beam clamp



STA - 80013
Hinge connector



STA - 80016
Hammer head Fastener



STA - 80012
Quick fastner power button



SUPPORT SYSTEMS

BUILT FOR TRUST

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INSTALLATION SYSTEM

**Steadfast
STA - 80011
U-Strap clamp**



**Steadfast
STA - 80009
Heavy duty clevis hanger**



**Steadfast
STA - 80010
Swivel ring hanger**



**Steadfast
STA - 80007
Rubber support insert**



**Steadfast
STA - 80008
Rubber line split clamp**



**Steadfast
SGB 80007
Hexagon head bolt DIN933-grade 8.8 galvanized**



**Steadfast
STA 80006
Threaded rod DIN 976-grade 8.8-galvanized-2 meters**



**Steadfast
SGN 80005
Hexagon nut DIN934-galvanized**



**Steadfast
SGW 80004
Washer DIN125-galvanized**



**Steadfast
STA - 80003
Plastic plug-dowel**

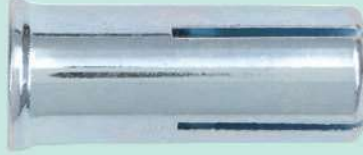


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ANCHORS AND SETTING TOOL

**Steadfast
SGA - 80002
Drive-in anchor**



**Steadfast
SGA - 70098
Drive-in anchor**



**Steadfast
SGA - 80001
Shield anchor**



**Steadfast
SGA - 70099
Fix bolt anchor**



**Steadfast
SGA - 70098
Anchor for cracked concrete**



**Steadfast
SGA - 70097
Anchor for non-cracked concrete**



**Steadfast
SGA - 70096
Expander tool, wedge anchor**



**Steadfast
SGA - 70095
ANC-DRIVE-MARK**



**Steadfast
SGA - 70094
SDS Stop bit with attachable
expander tool**



**Steadfast
SGA - 70093
WSL-ED Drive-in anchor**



**Steadfast
SGA - 70092
W-ED-SDS Expander tool wedge
anchor**



BUILT FOR TRUST

Your construction solution partner



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