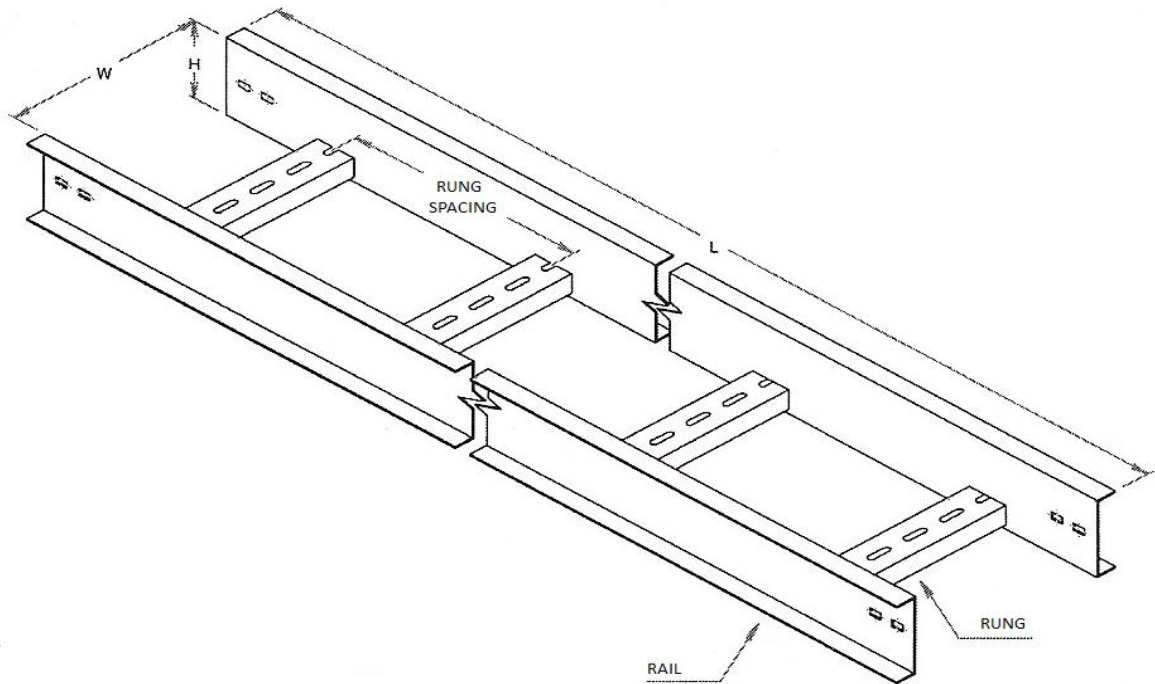
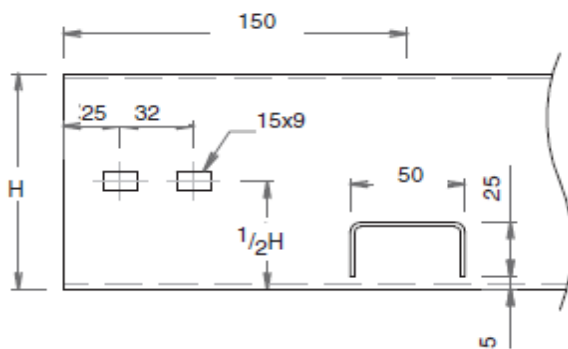


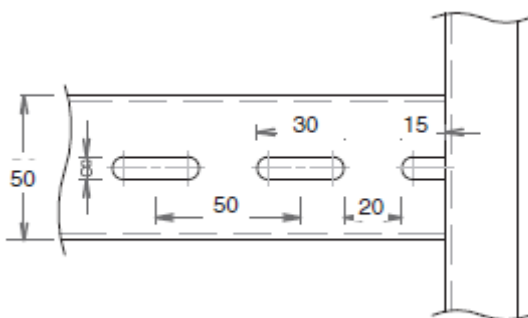
STRAIGHT LADDER



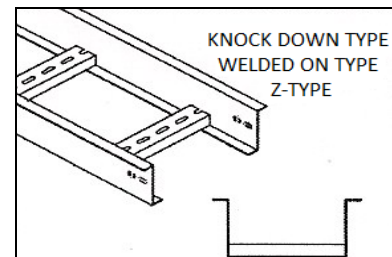
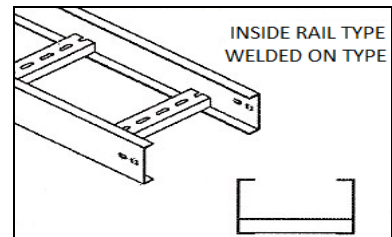
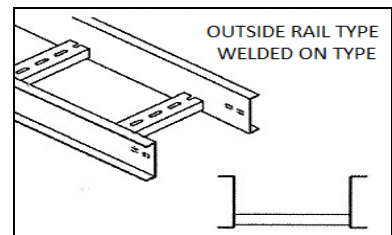
OUTSIDE SIDE RAIL TYPE



JOINT DETAIL

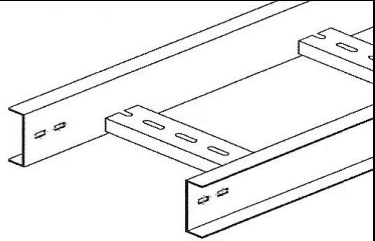
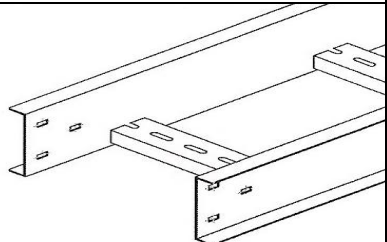
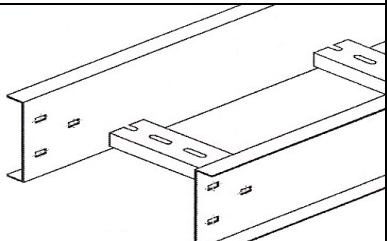
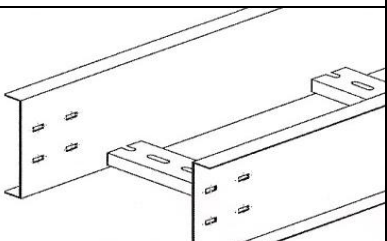


RUNG DETAIL



CABLE LADDER & ACCESSORIES

STRAIGHT CABLE LADDER STANDARD LIST

SIZE				RUNG SPACING	REMARKS
WIDTH (W)	HEIGHT (H)	LENGTH (L)	THICKNESS (T)		
150	100	2440	1.5	300	 100 (H)
200	100				
300	100				
450	100				
600	100	3000	2.0		
750	100				
900	100				
1000	100				
150	125	2440	1.5	300	 125 (H)
200	125				
300	125				
450	125				
600	125	3000	2.0		
750	125				
900	125				
1000	125				
200	150	2440	1.5	300	 150 (H)
300	150				
400	150				
450	150				
600	150	3000	2.0		
750	150				
900	150				
1000	150				
200	200	2440	1.5	300	 200 (H)
300	200				
400	200				
450	200				
600	200	3000	2.0		
750	200				
900	200				
1000	200				

*All units in mm

MATERIALS

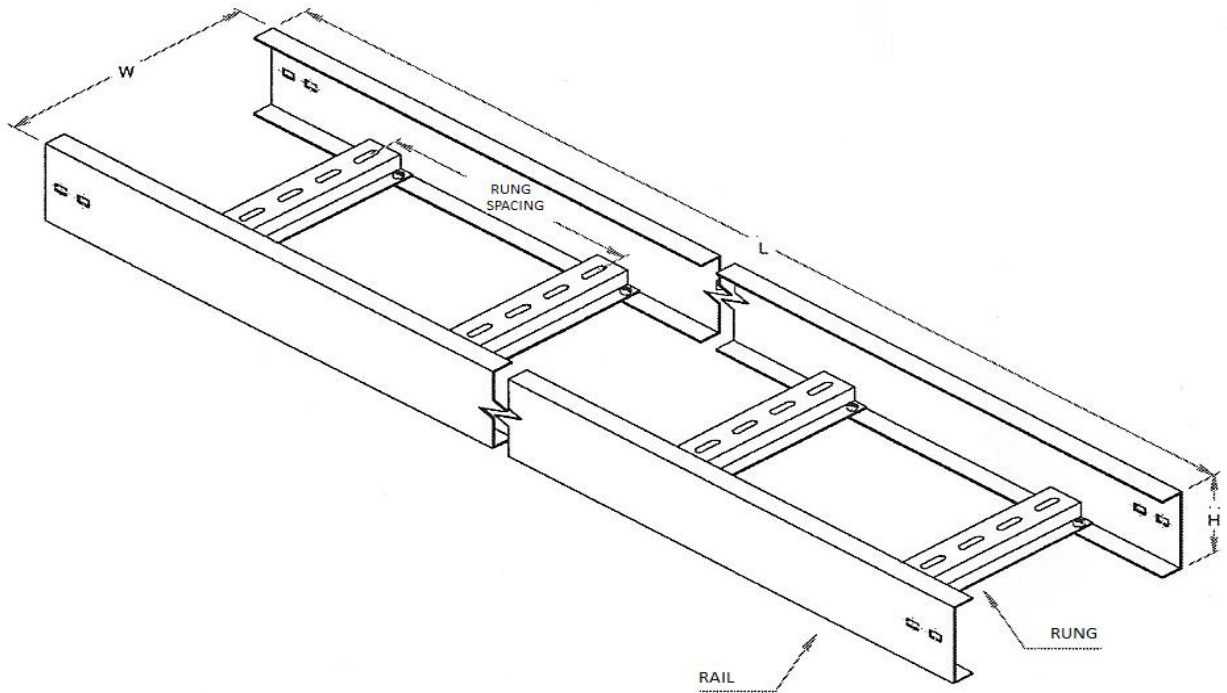
- Hot / Cold-Rolled Steel
- Electro-Galvanized steel to BS 1449 Part 1 : 1983
- Pre-Galvanized Steel
- Stainless Steel AISI 304, 316 or 316L
- Aluminium AA1100, 5052-H32, 6063-75
- Superdyma

NOTE: Other sizes are available upon request

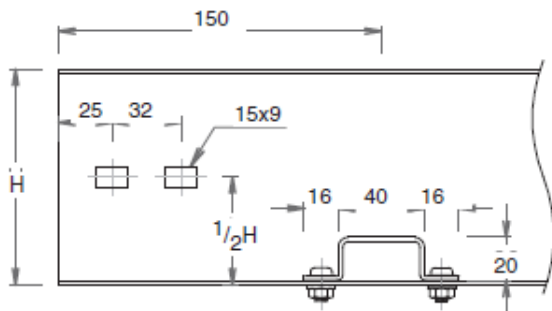
FINISHING

- Epoxy Powder Coated
- Hot-Dipped Galvanizing (BS:EN:ISO1461 (1999), BS 729)
- Hot-Dipped Galvanizing and Epoxy Powder Coated
- Anodized (for Aluminium Only)

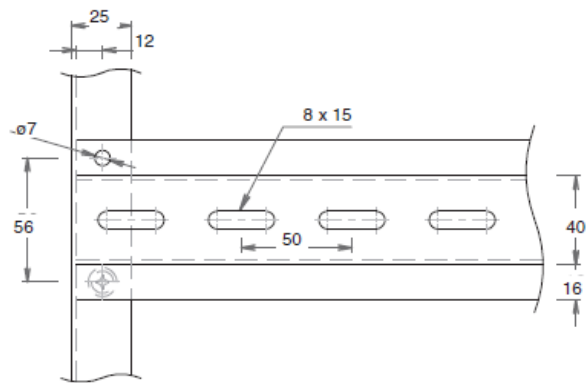
STRAIGHT LADDER



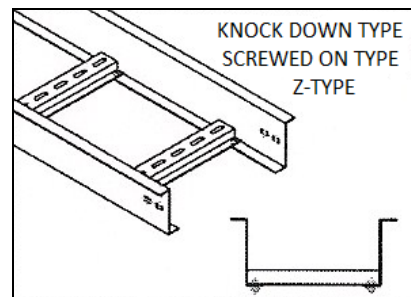
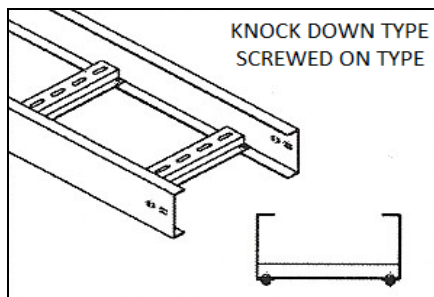
INSIDE SIDE RAIL TYPE (KNOCK DOWN TYPE)



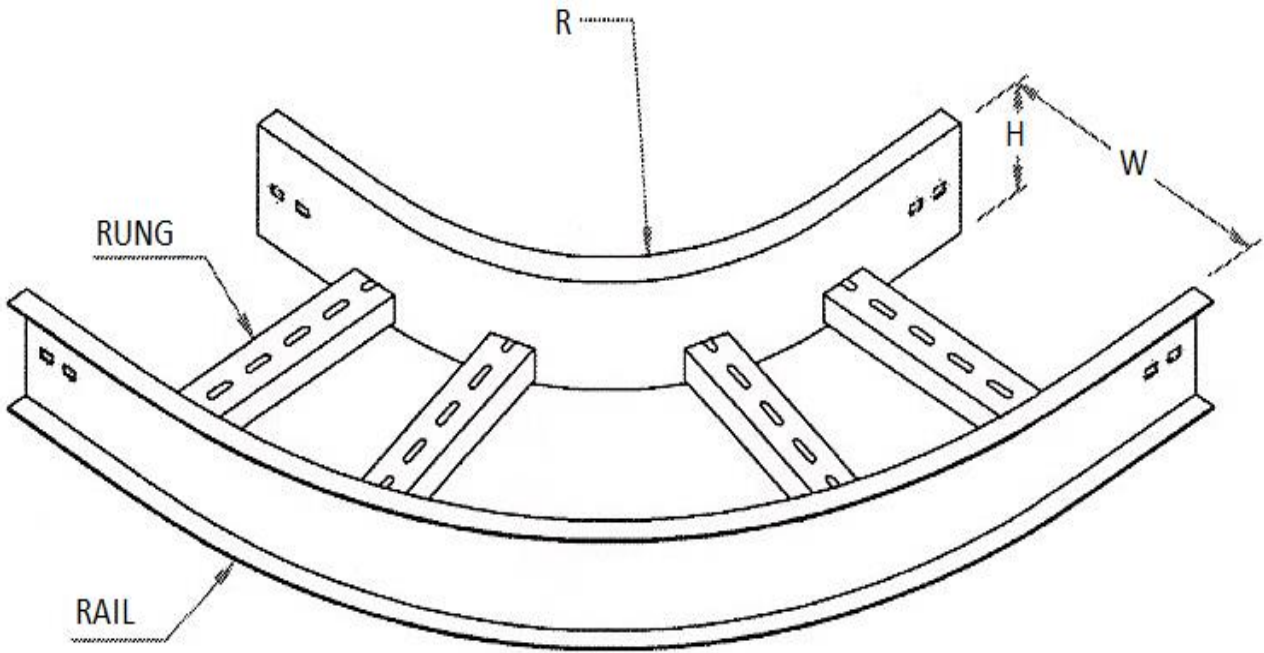
JOINT DETAIL



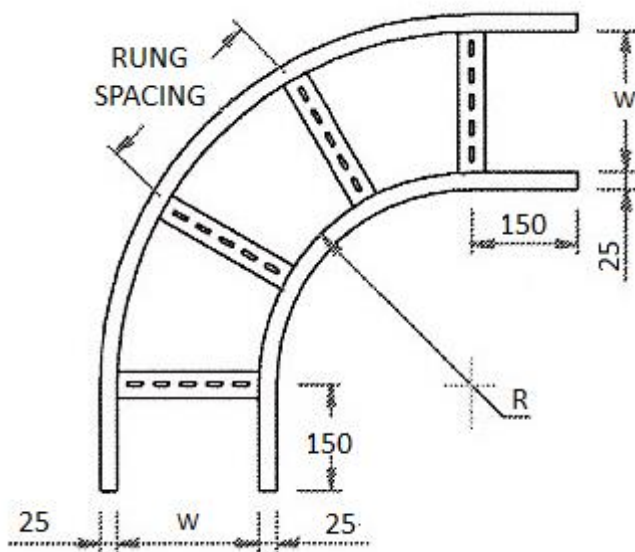
RUNG DETAIL



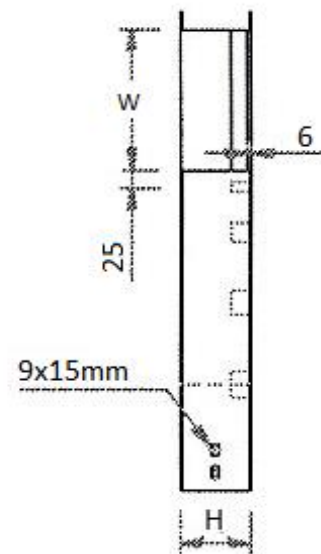
90 DEG. HORIZONTAL FLAT BEND



90 DEG. HORIZONTAL FLAT BEND OUTSIDE RAIL (WELDED TYPE)



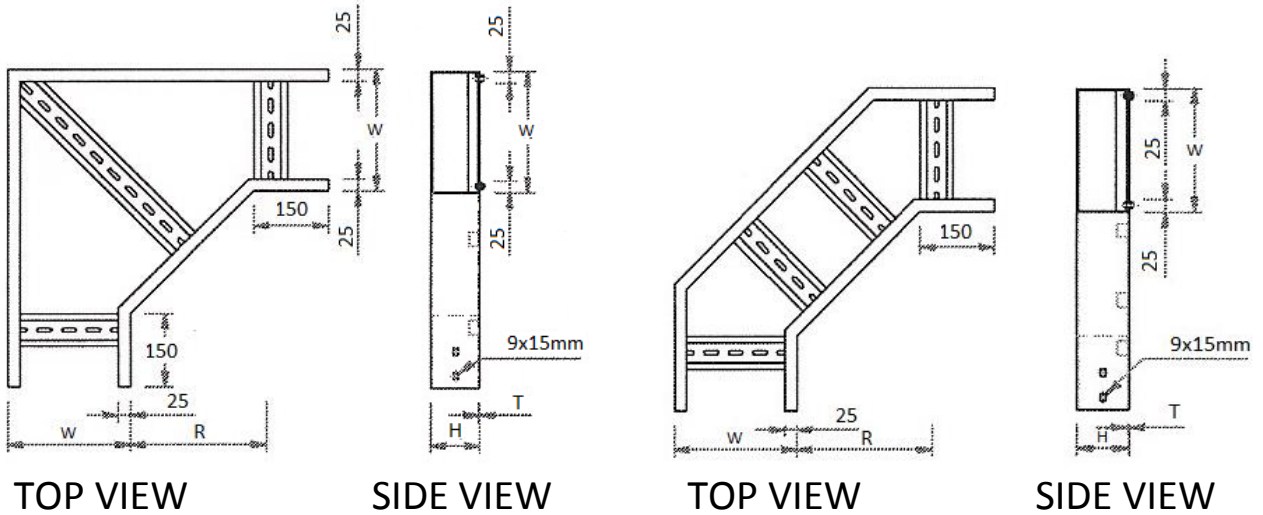
TOP VIEW



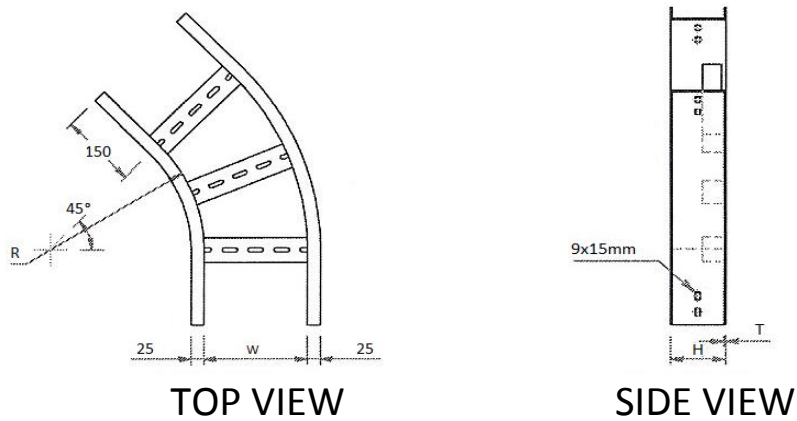
SIDE VIEW

CABLE LADDER & ACCESSORIES

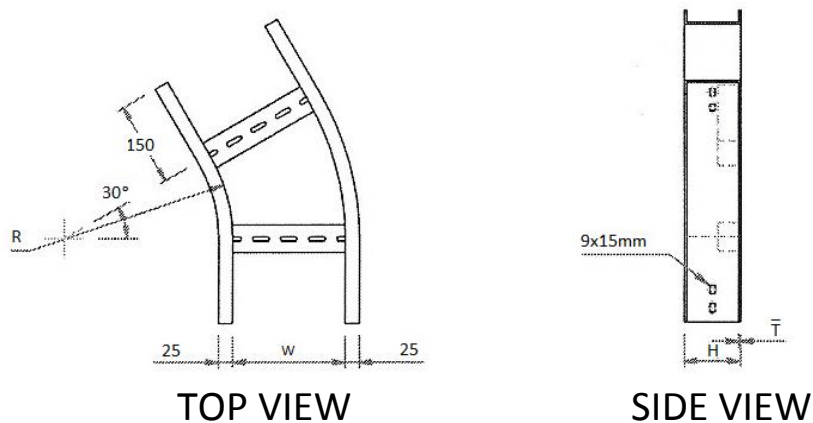
90 DEG. HORIZONTAL FLAT BEND KNOCK DOWN (SCREWED ON TYPE)



45 DEG. HORIZONTAL FLAT BEND OUTSIDE RAIL (WELDED TYPE)

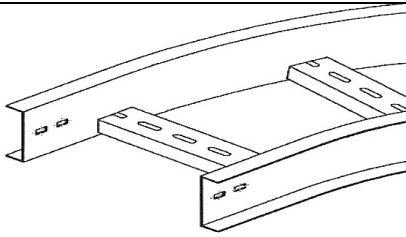
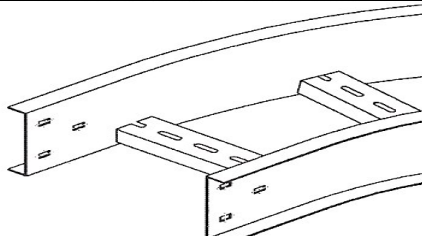
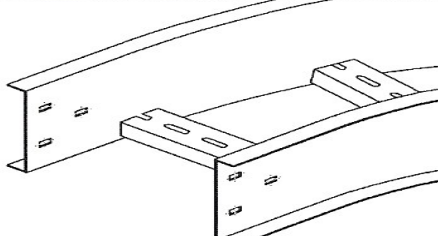
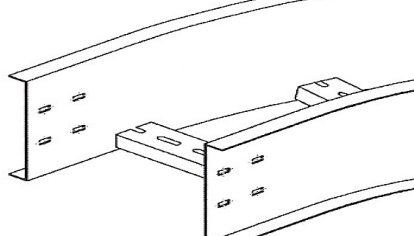


30 DEG. HORIZONTAL FLAT BEND OUTSIDE RAIL (WELDED TYPE)



CABLE LADDER & ACCESSORIES

BEND CABLE LADDER STANDARD LIST

SIZE				RUNG SPACING	REMARKS
WIDTH (W)	HEIGHT (H)	RADIUS (R)	THICKNESS (T)		
100	100	300	1.5 2.0 2.5	300	 100 (H)
200	100				
300	100				
400	100				
600	100				
700	100				
800	100				
1000	100				
150	125	300	1.5 2.0 2.5	300	 125 (H)
200	125				
300	125				
400	125				
600	125				
700	125				
800	125				
1000	125				
200	150	300	1.5 2.0 2.5	300	 150 (H)
300	150				
400	150				
500	150				
600	150				
700	150				
800	150				
1000	150				
200	200	300	1.5 2.0 2.5	300	 200 (H)
300	200				
400	200				
500	200				
600	200				
700	200				
800	200				
1000	200				

*All units in mm

MATERIALS

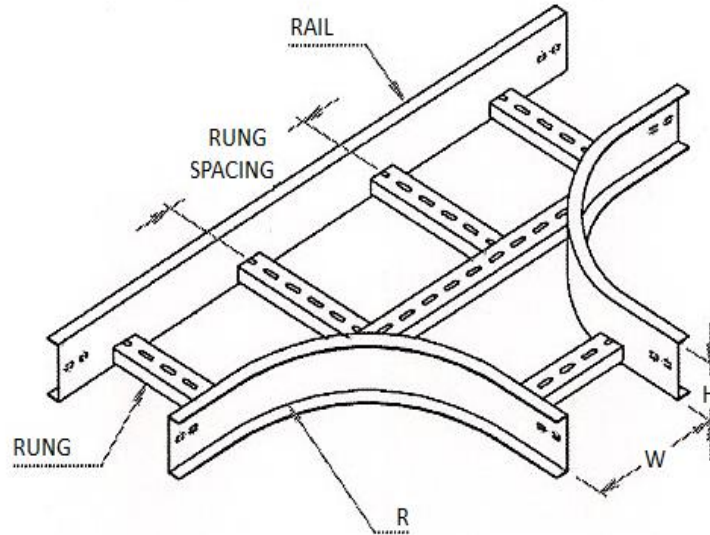
- 1 Hot / Cold-Rolled Steel
- 2 Electro-Galvanized steel to BS 1449 Part 1 : 1983
- 3 Pre-Galvanized Steel
- 4 Stainless Steel AISI 304, 316 or 316L
- 5 Aluminium AA1100, 5052-H32, 6063-75
- 6 Superdyma

FINISHING

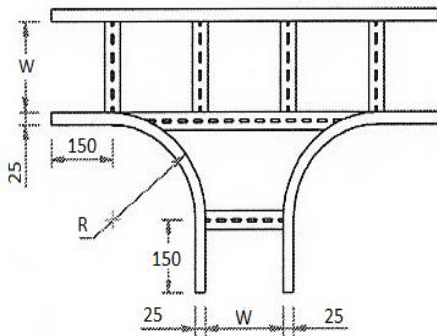
- 1 Epoxy Powder Coated
- 2 Hot-Dipped Galvanizing (BS:EN:ISO1461 (1999), BS 729)
- 3 Hot-Dipped Galvanising and Epoxy Powder Coated
- 4 Anodized (for Aluminium Only)

NOTE: Other sizes are available upon request

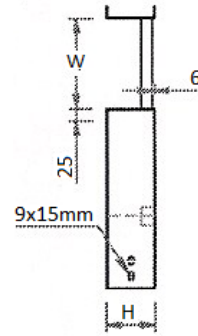
HORIZONTAL EQUAL TEE



HORIZONTAL EQUAL TEE OUTSIDE RAIL (WELDED TYPE)

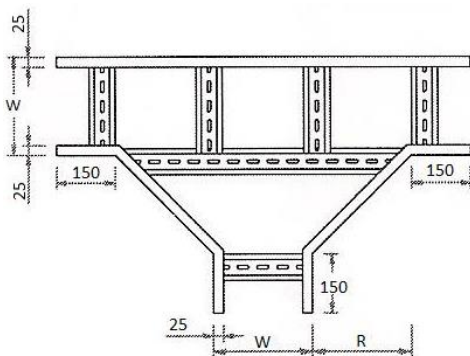


TOP VIEW

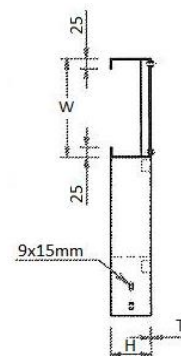


SIDE VIEW

HORIZONTAL EQUAL TEE KNOCK DOWN (SCREWED ON TYPE)

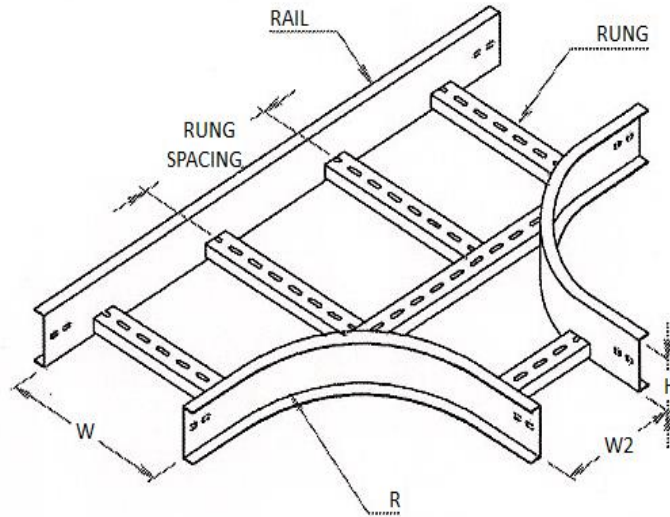


TOP VIEW

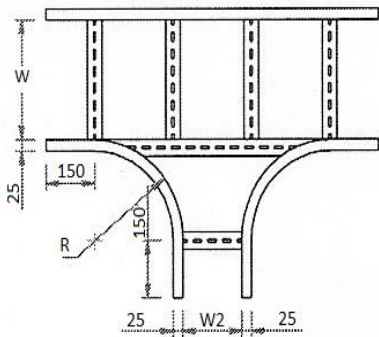


SIDE VIEW

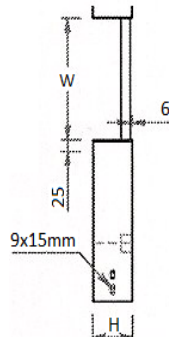
HORIZONTAL UNEQUAL TEE



**HORIZONTAL UNEQUAL TEE
OUTSIDE RAIL (WELDED TYPE)**

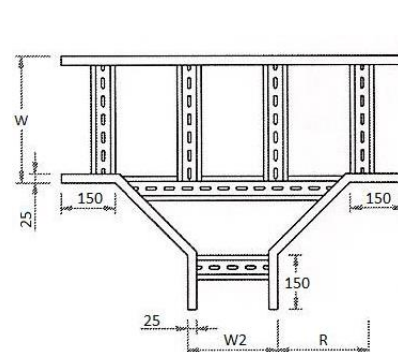


PLAN VIEW



SIDE VIEW

**HORIZONTAL UNEQUAL TEE
KNOCK DOWN (SCREWED ON TYPE)**

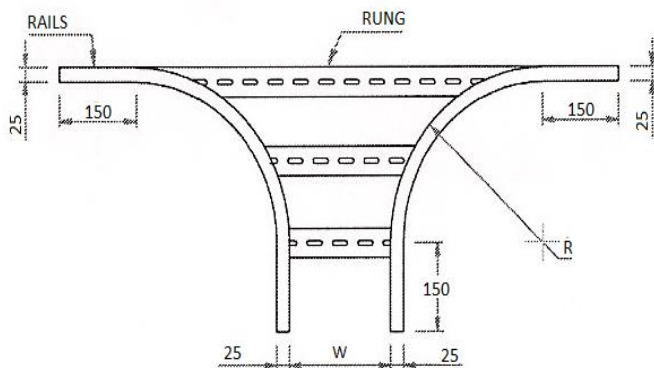


TOP VIEW

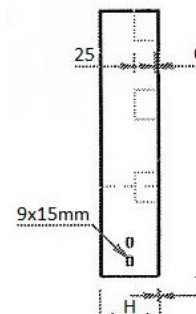


SIDE VIEW

HORIZONTAL BRANCH TEE



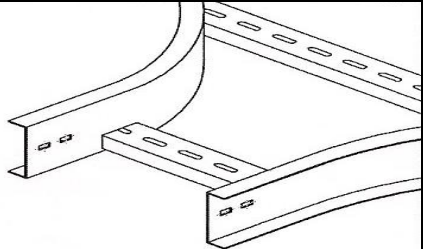
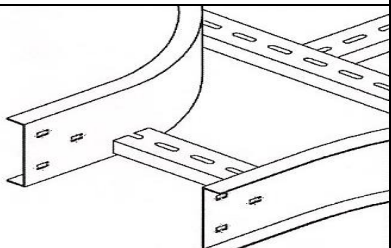
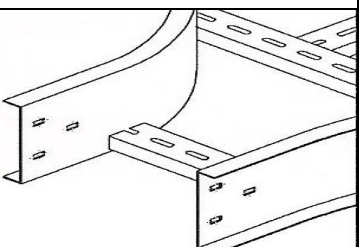
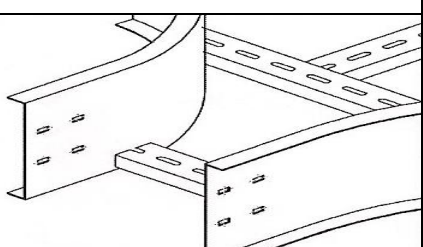
FRONT VIEW



SIDE VIEW

CABLE LADDER & ACCESSORIES

TEE CABLE LADDER STANDARD LIST

SIZE				RUNG SPACING	REMARKS
WIDTH (W)	HEIGHT (H)	RADIUS (R)	THICKNESS (T)		
100	100	300	1.5 2.0 2.5	300	 100 (H)
200	100				
300	100				
400	100				
600	100				
700	100				
800	100				
1000	100				
150	125	300	1.5 2.0 2.5	300	 125 (H)
200	125				
300	125				
400	125				
600	125				
700	125				
800	125				
1000	125				
200	150	300	1.5 2.0 2.5	300	 150 (H)
300	150				
400	150				
500	150				
600	150				
700	150				
800	150				
1000	150				
200	200	300	1.5 2.0 2.5	300	 200 (H)
300	200				
400	200				
500	200				
600	200				
700	200				
800	200				
1000	200				

*All units in mm

MATERIALS

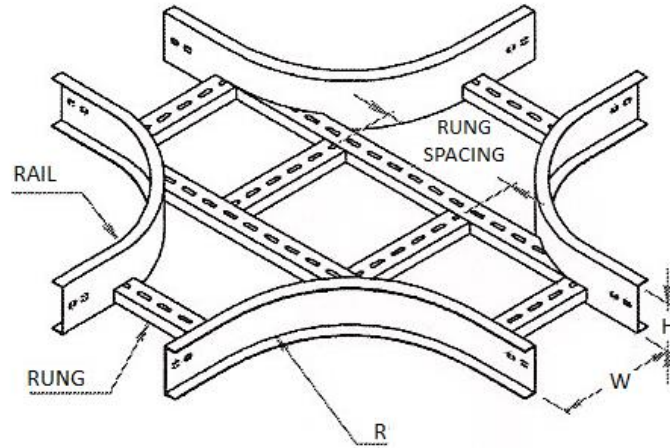
- 1 Hot / Cold-Rolled Steel
- 2 Electro-Galvanized steel to BS 1449 Part 1 : 1983
- 3 Pre-Galvanized Steel
- 4 Stainless Steel AISI 304, 316 or 316L
- 5 Aluminium AA1100 or 5052-H32, 6013-75
- 6 Superdyma

FINISHING

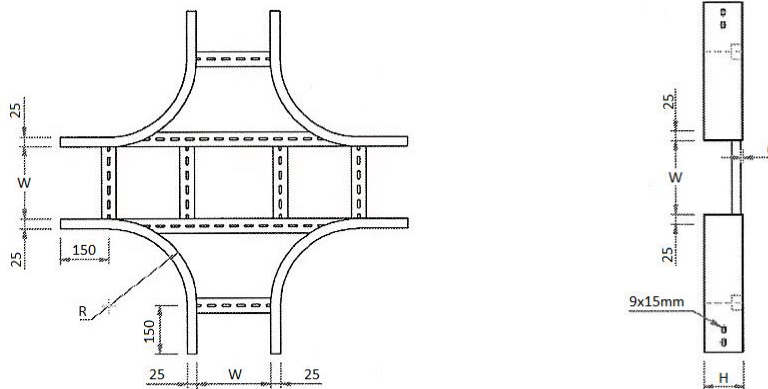
- 1 Epoxy Powder Coated
- 2 Hot-Dipped Galvanizing (BS:EN:ISO1461 (1999), BS 729)
- 3 Hot-Dipped Galvanising and Epoxy Powder Coated
- 4 Anodized (for Aluminium Only)

NOTE: Other sizes are available upon request

HORIZONTAL EQUAL CROSS



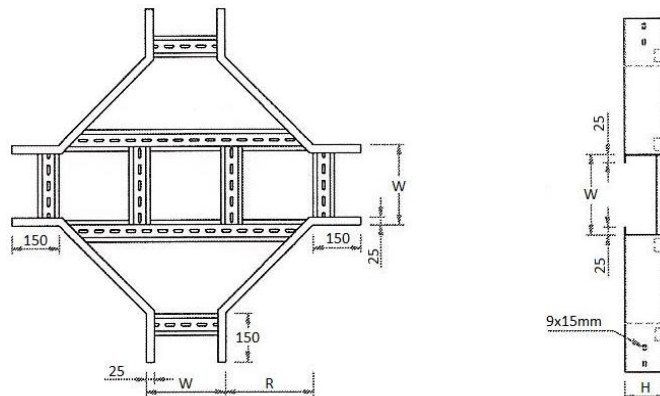
HORIZONTAL EQUAL CROSS OUTSIDE RAIL (WELDED TYPE)



TOP VIEW

SIDE VIEW

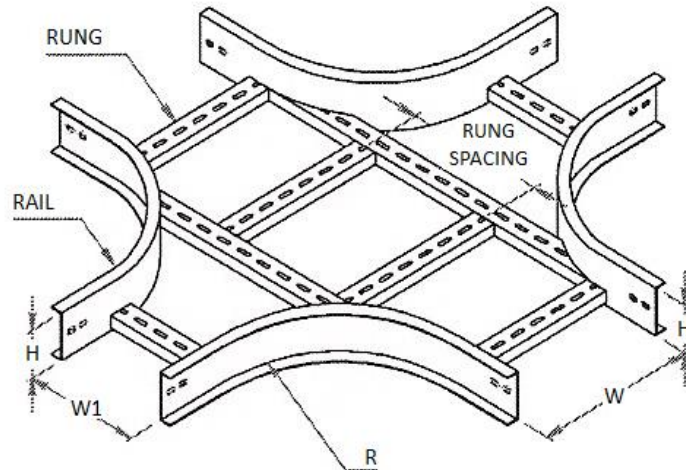
HORIZONTAL EQUAL CROSS KNOCK DOWN (SCREWED ON TYPE)



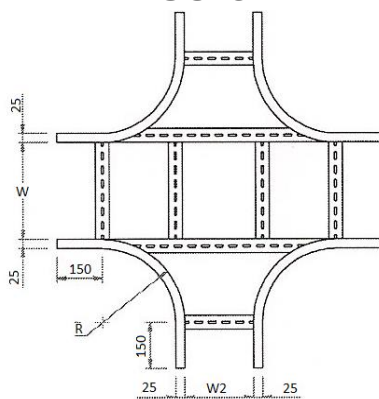
TOP VIEW

SIDE VIEW

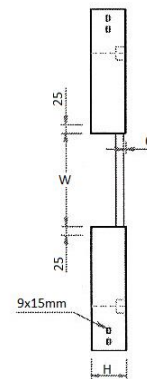
HORIZONTAL UNEQUAL CROSS



HORIZONTAL UNEQUAL CROSS OUTSIDE RAIL (WELDED TYPE)

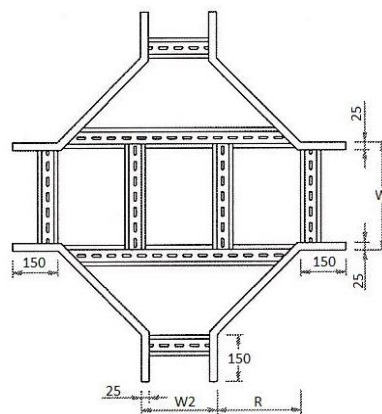


TOP VIEW

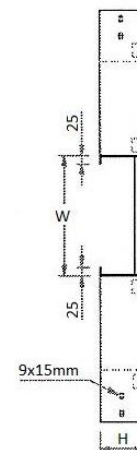


SIDE VIEW

HORIZONTAL UNEQUAL CROSS KNOCK DOWN (SCREWED ON TYPE)



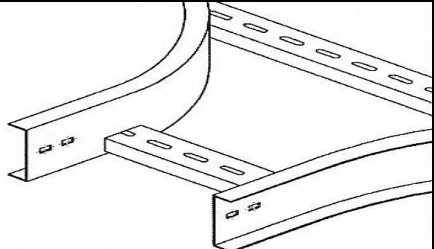
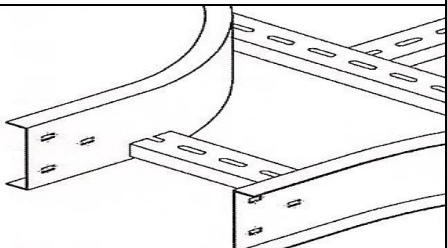
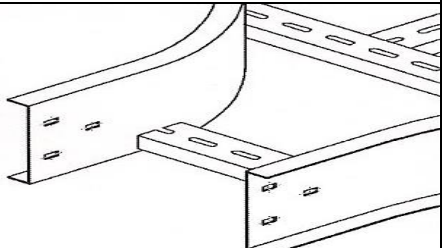
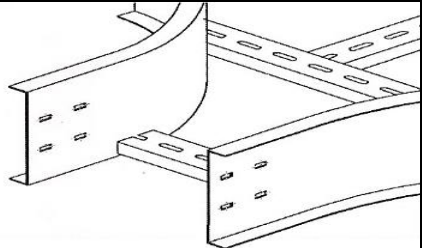
TOP VIEW



SIDE VIEW

CABLE LADDER & ACCESSORIES

CROSS CABLE LADDER STANDARD LIST

SIZE				RUNG SPACING	REMARKS
WIDTH (W)	HEIGHT (H)	RADIUS (R)	THICKNESS (T)		
100	100	300	1.5 2.0 2.5	300	 100 (H)
200	100				
300	100				
400	100				
600	100				
700	100				
800	100				
1000	100				
150	125	300	1.5 2.0 2.5	300	 125 (H)
200	125				
300	125				
400	125				
600	125				
700	125				
800	125				
1000	125				
200	150	300	1.5 2.0 2.5	300	 150 (H)
300	150				
400	150				
500	150				
600	150				
700	150				
800	150				
1000	150				
200	200	300	1.5 2.0 2.5	300	 200 (H)
300	200				
400	200				
500	200				
600	200				
700	200				
800	200				
1000	200				

*All units in mm

MATERIALS

- Hot / Cold-Rolled Steel
- Electro-Galvanized steel to BS 1449 Part 1 : 1983
- Pre-Galvanized Steel
- Stainless Steel AISI 304, 316 or 316L
- Aluminium AA1100 or 5052-H32, 6013-75
- Superdyma

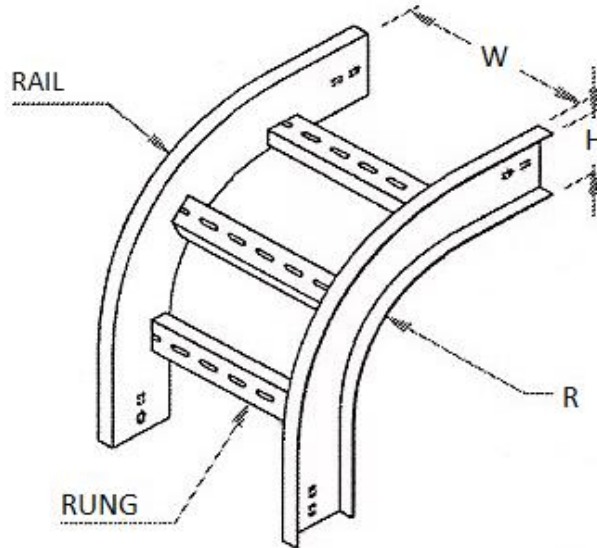
FINISHING

- Epoxy Powder Coated
- Hot-Dipped Galvanizing (BS:EN:ISO1461 (1999), BS 729)
- Hot-Dipped Galvanising and Epoxy Powder Coated
- Anodized (for Aluminium Only)

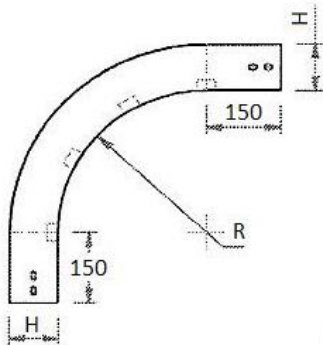
NOTE: Other sizes are available upon request

VERTICAL OUTSIDE RISER

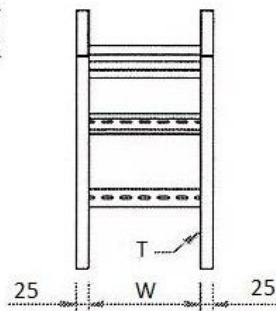
90 DEG. VERTICAL OUTSIDE RISER TYPE



90 DEG. VERTICAL OUTSIDE RISER TYPE
OUTSIDE RAIL (WELDED TYPE)

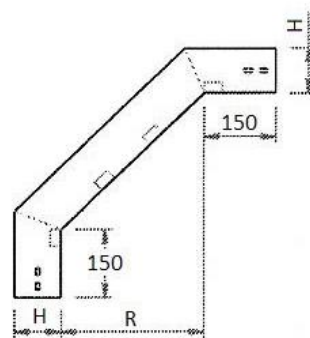


SIDE VIEW

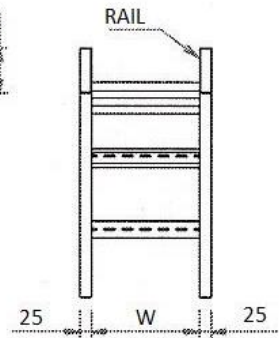


FRONT VIEW

90 DEG. VERTICAL OUTSIDE RISER TYPE
KNOCK DOWN (SCREWED ON TYPE)

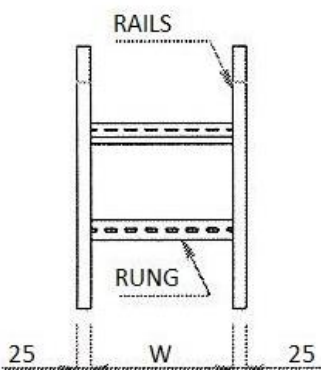


SIDE VIEW

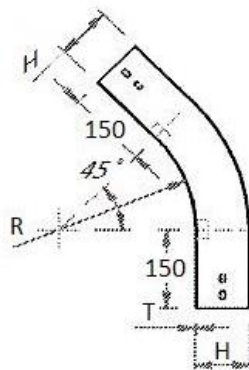


FRONT VIEW

45 DEG. VERTICAL OUTSIDE RISER TYPE

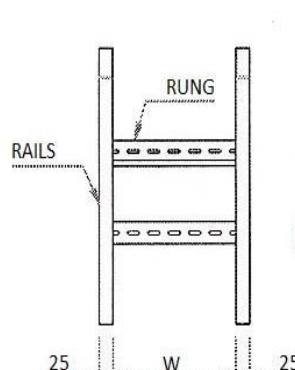


SIDE VIEW

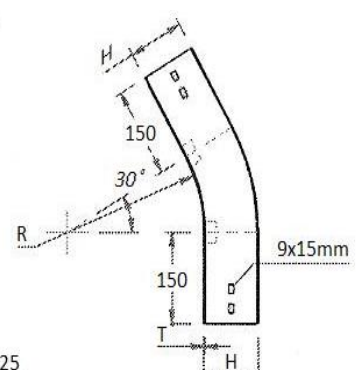


FRONT VIEW

30 DEG. VERTICAL OUTSIDE RISER TYPE

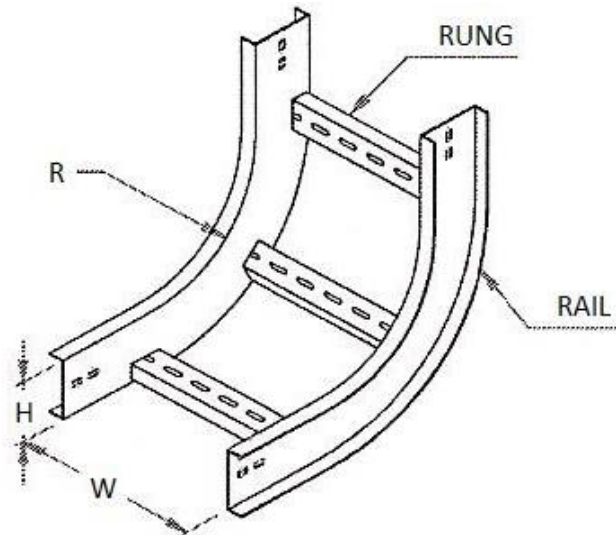


SIDE VIEW

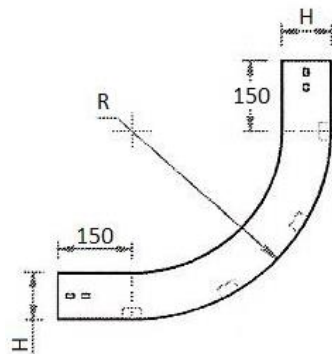


FRONT VIEW

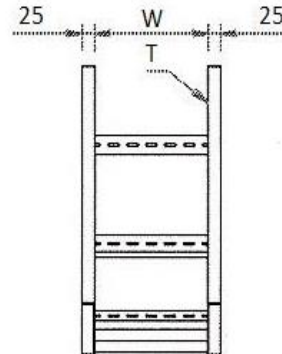
VERTICAL INSIDE RISER



90 DEG. VERTICAL INSIDE RISER TYPE
OUTSIDE RAIL (WELDED TYPE)

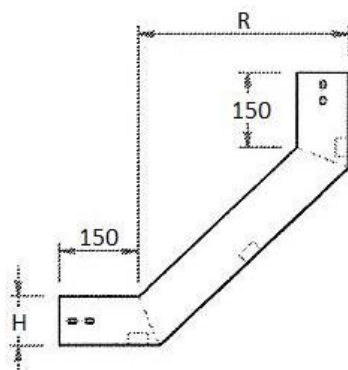


SIDE VIEW

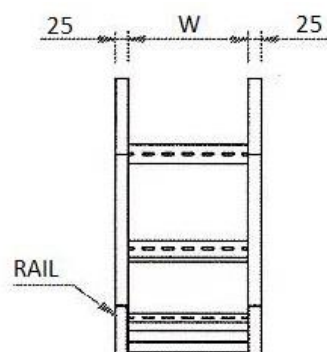


FRONT VIEW

90 DEG. VERTICAL INSIDE RISER TYPE
OUTSIDE RAIL (WELDED TYPE)



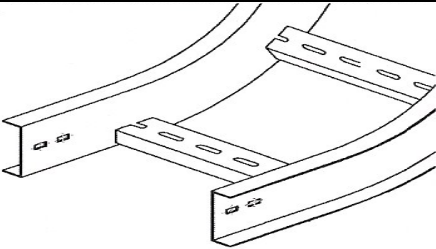
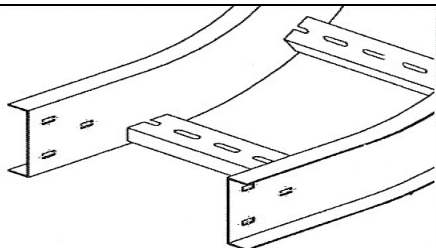
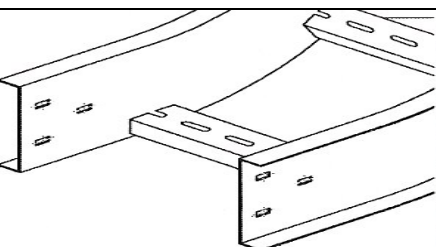
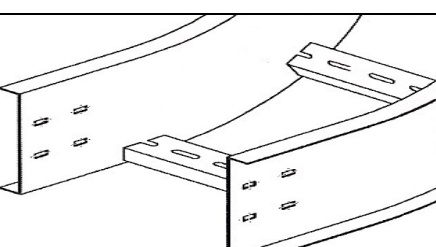
SIDE VIEW



FRONT VIEW

CABLE LADDER & ACCESSORIES

RISER CABLE LADDER STANDARD LIST

SIZE				RUNG SPACING	REMARKS
WIDTH (W)	HEIGHT (H)	RADIUS (R)	THICKNESS (T)		
100	100	300	1.5 2.0 2.5	300	 <p>100 (H)</p>
200	100				
300	100				
400	100				
600	100				
700	100				
800	100				
1000	100				
150	125	300	1.5 2.0 2.5	300	 <p>125 (H)</p>
200	125				
300	125				
400	125				
600	125				
700	125				
800	125				
1000	125				
200	150	300	1.5 2.0 2.5	300	 <p>150 (H)</p>
300	150				
400	150				
500	150				
600	150				
700	150				
800	150				
1000	150				
200	200	300	1.5 2.0 2.5	300	 <p>200 (H)</p>
300	200				
400	200				
500	200				
600	200				
700	200				
800	200				
1000	200				

*All units in mm

MATERIALS

- Hot / Cold-Rolled Steel
- Electro-Galvanized steel to BS 1449 Part 1 : 1983
- Pre-Galvanized Steel
- Stainless Steel AISI 304, 316 or 316L
- Aluminium AA1100 or 5052-H32, 6013-75
- Superdyma

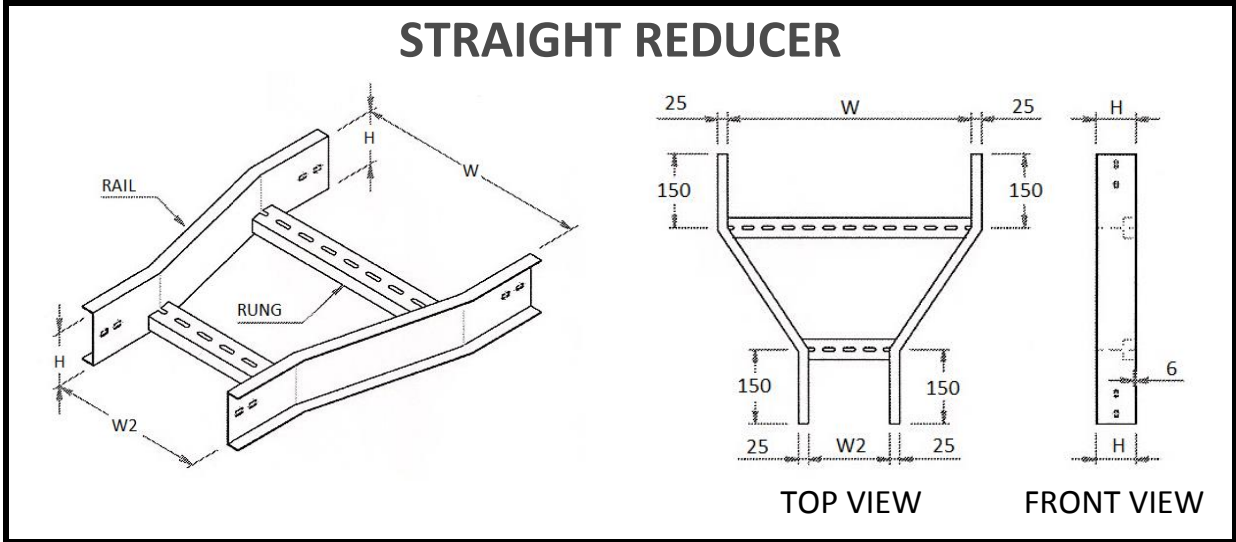
FINISHING

- Epoxy Powder Coated
- Hot-Dipped Galvanizing (BS:EN:ISO1461 (1999), BS 729)
- Hot-Dipped Galvanising and Epoxy Powder Coated
- Anodized (for Aluminium Only)

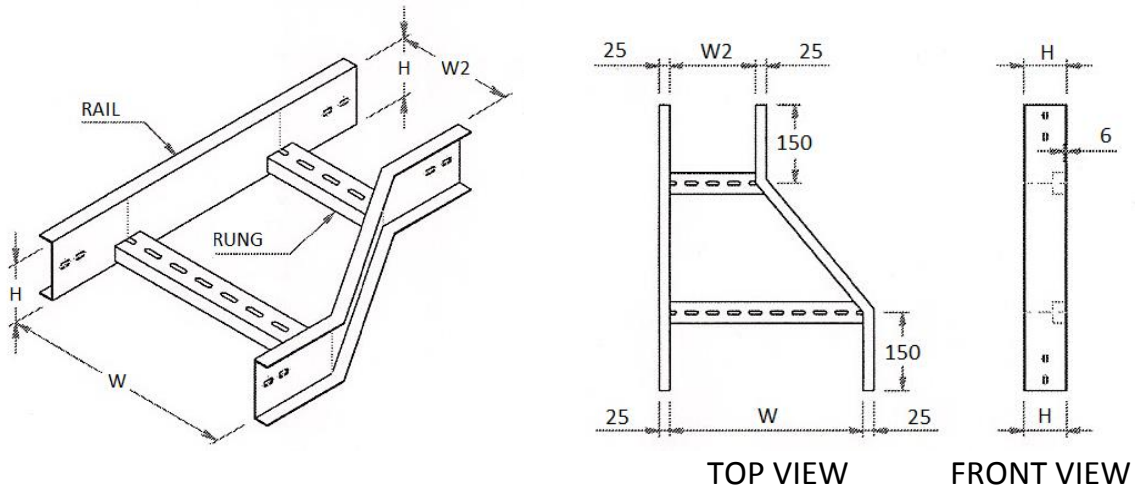
NOTE: Other sizes are available upon request

OFFSET REDUCER

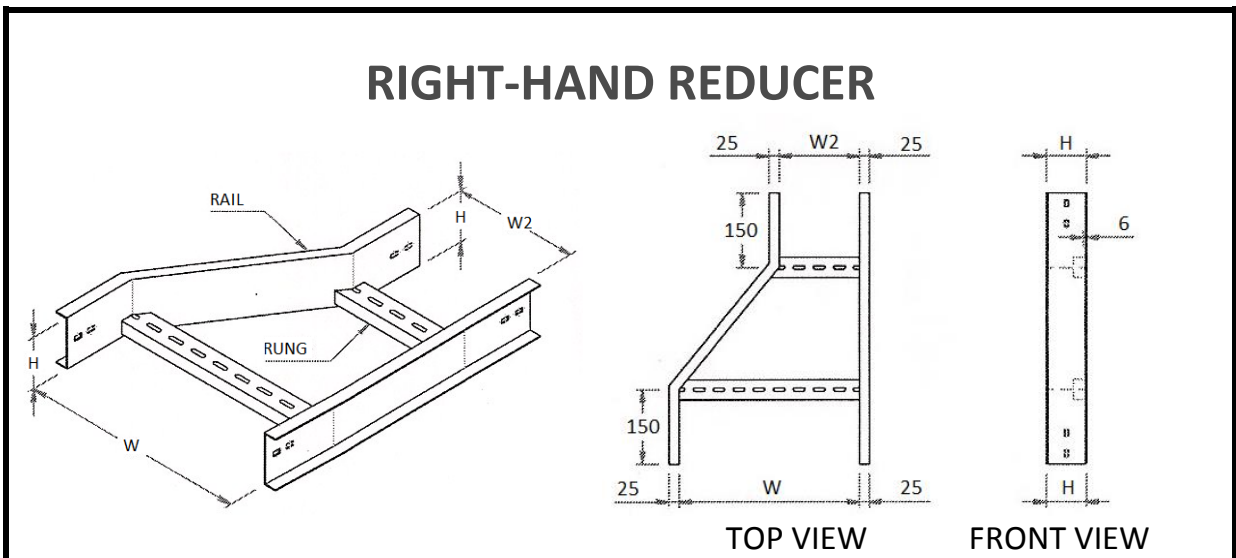
STRAIGHT REDUCER



LEFT-HAND REDUCER

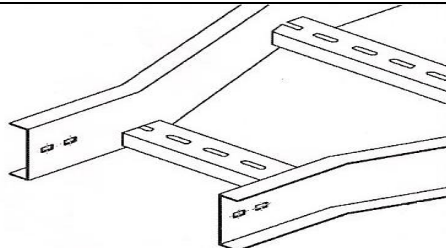
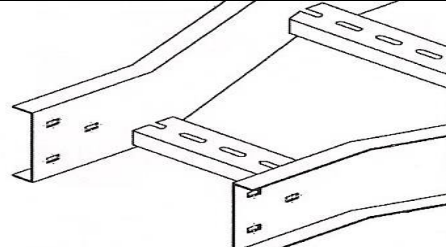
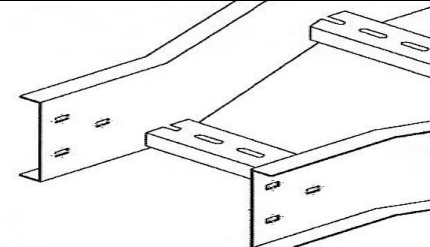
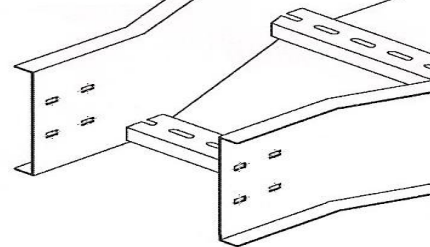


RIGHT-HAND REDUCER



CABLE LADDER & ACCESSORIES

REDUCER CABLE LADDER STANDARD LIST

SIZE				RUNG SPACING	REMARKS
WIDTH (W)	HEIGHT (H)	RADIUS (R)	THICKNESS (T)		
100	100	300	1.5 2.0 2.5	300	 100 (H)
200	100				
300	100				
400	100				
600	100				
700	100				
800	100				
1000	100				
150	125	300	1.5 2.0 2.5	300	 125 (H)
200	125				
300	125				
400	125				
600	125				
700	125				
800	125				
1000	125				
200	150	300	1.5 2.0 2.5	300	 150 (H)
300	150				
400	150				
500	150				
600	150				
700	150				
800	150				
1000	150				
200	200	300	1.5 2.0 2.5	300	 200 (H)
300	200				
400	200				
500	200				
600	200				
700	200				
800	200				
1000	200				

*All units in mm

MATERIALS

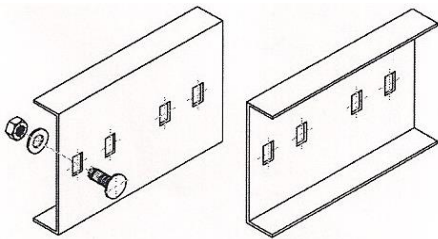
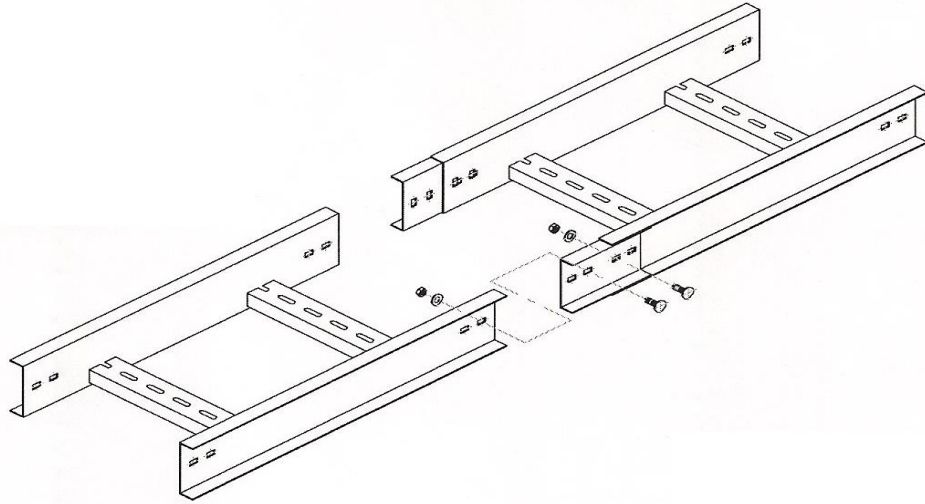
- Hot / Cold-Rolled Steel
- Electro-Galvanized steel to BS 1449 Part 1 : 1983
- Pre-Galvanized Steel
- Stainless Steel AISI 304, 316 or 316L
- Aluminium AA1100 or 5052-H32, 6013-75
- Superdyma

FINISHING

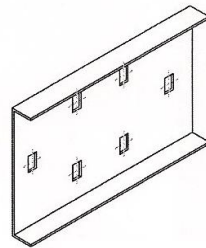
- Epoxy Powder Coated
- Hot-Dipped Galvanizing (BS:EN:ISO1461 (1999), BS 729)
- Hot-Dipped Galvanising and Epoxy Powder Coated
- Anodized (for Aluminium Only)

NOTE: Other sizes are available upon request

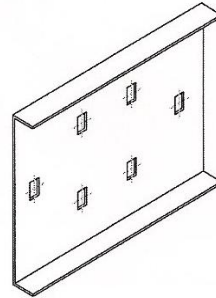
STRAIGHT JOINT



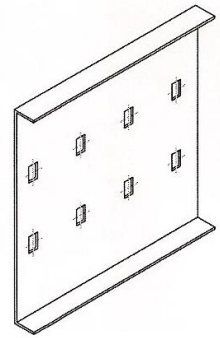
STRAIGHT JOINT – 100(H)



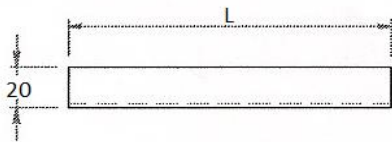
125(H)



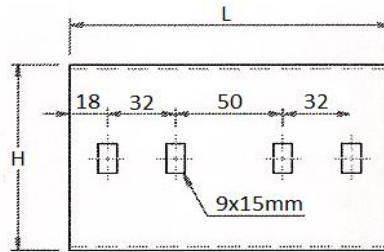
150(H)



200(H)



TOP VIEW



FRONT VIEW



SIDE VIEW



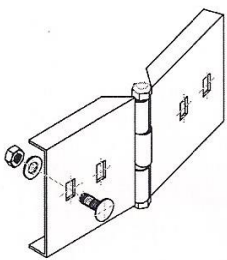
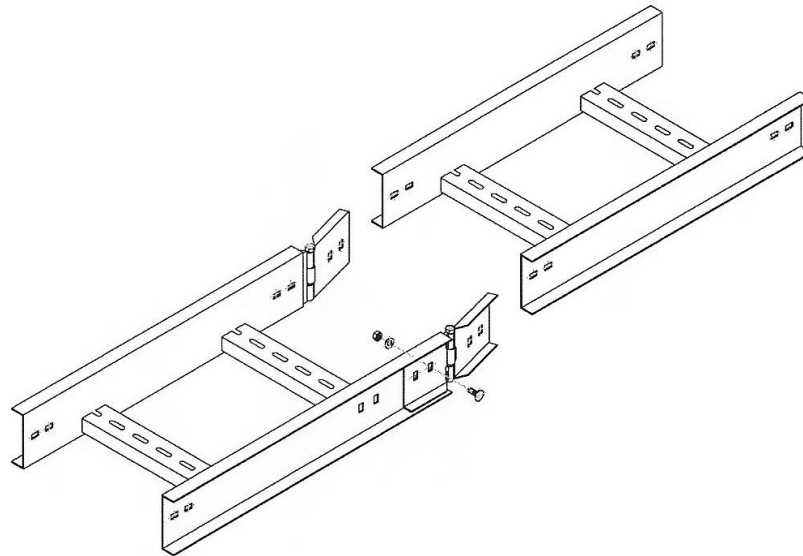
M8 X 20L CARRIAGE BOLT & NUT

STRAIGHT JOINT				
ITEM	LADDER(H)	HEIGHT(H)	LENGTH(L)	THICKNESS(T)
CLSJ100	100	94	150	1.5/2.0
CLSJ125	125	119	200	2.0
CLSJ150	150	144	200	2.0
CLSJ200	200	194	200	2.0

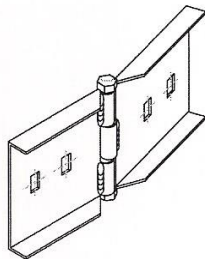
*All units in mm

NOTE: Other sizes are available upon request

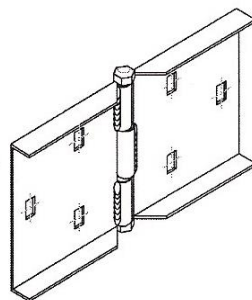
HORIZONTAL JOINT



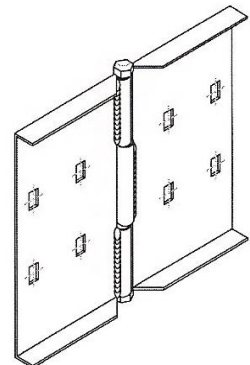
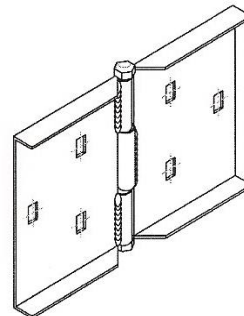
HORIZONTAL JOINT – 100(H)



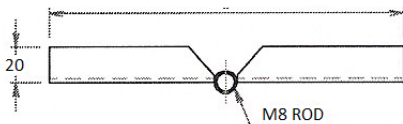
125(H)



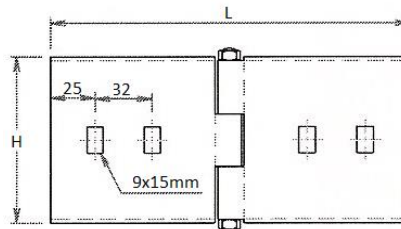
150(H)



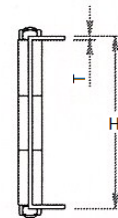
200(H)



TOP VIEW



FRONT VIEW



SIDE VIEW



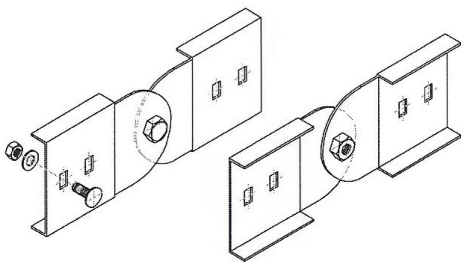
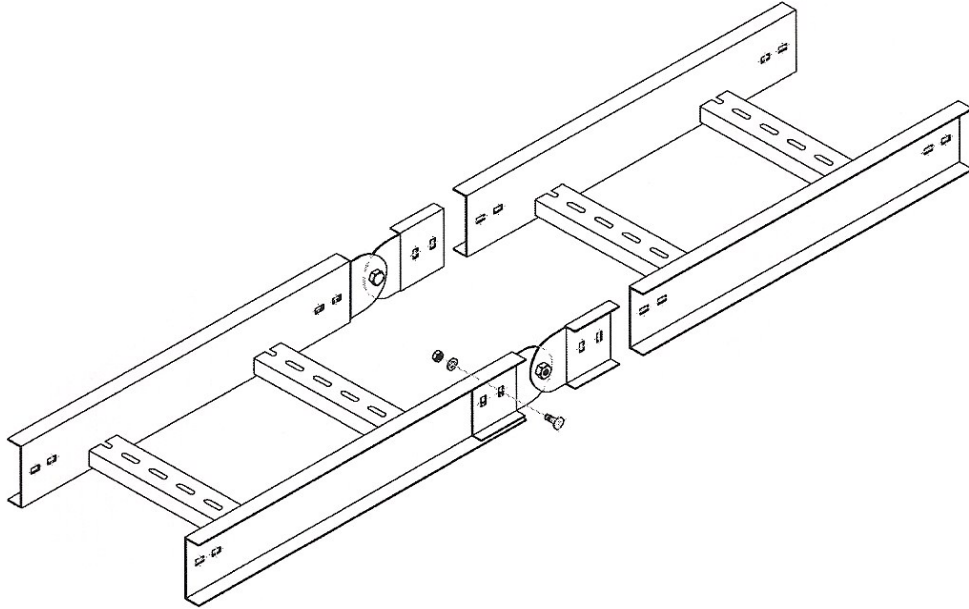
M8 X 20L CARRIAGE BOLT & NUT

HORIZONTAL JOINT				
ITEM	LADDER(H)	HEIGHT(H)	LENGTH(L)	THICKNESS(T)
CLHJ100	100	94	190	1.5/2.0
CLHJ125	125	119	210	2.0
CLHJ150	150	144	210	2.0
CLHJ200	200	194	250	2.0

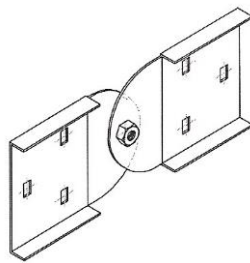
*All units in mm

NOTE: Other sizes are available upon request

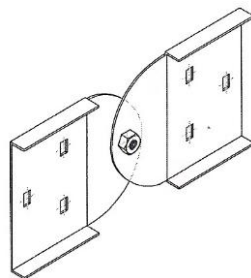
VERTICAL JOINT



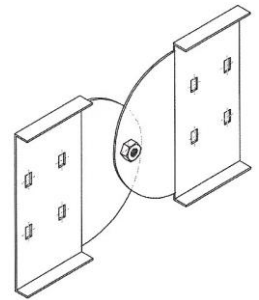
VERTICAL JOINT – 100(H)



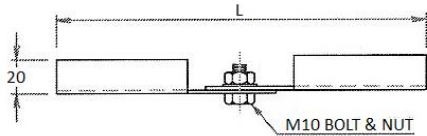
125(H)



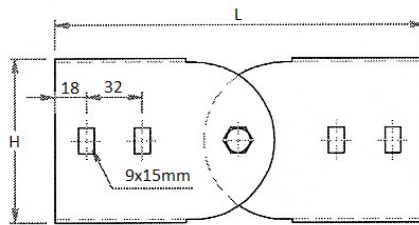
150(H)



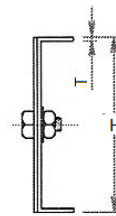
200(H)



TOP VIEW



FRONT VIEW



SIDE VIEW



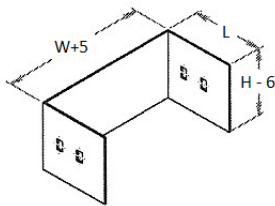
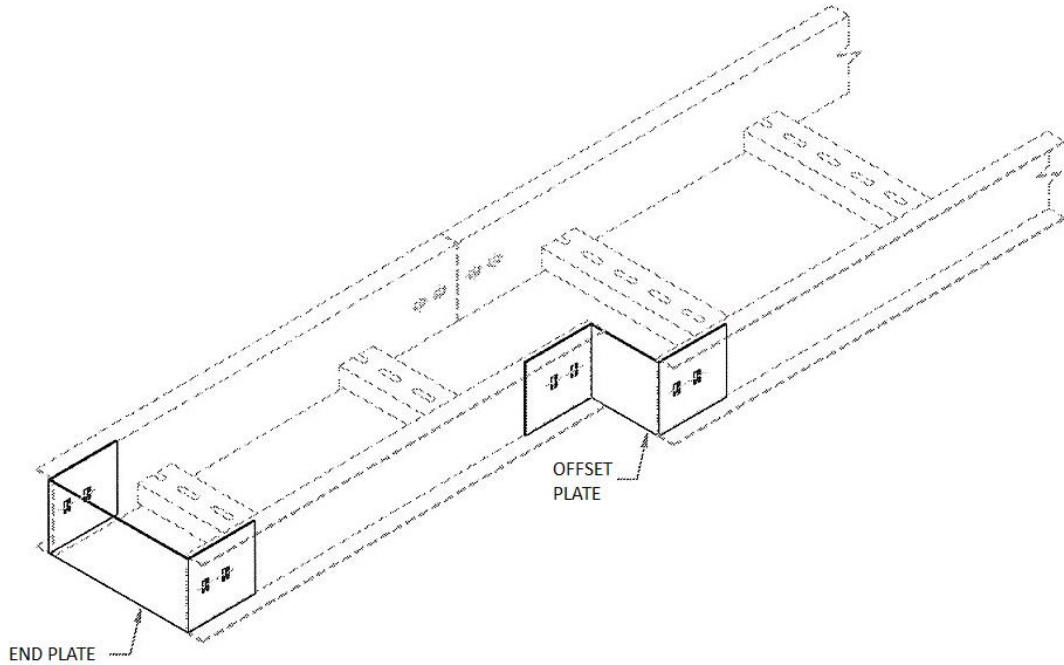
M8 X 20L CARRIAGE BOLT & NUT

VERTICAL JOINT				
ITEM	LADDER(H)	HEIGHT(H)	LENGTH(L)	THICKNESS(T)
CLVJ100	100	94	210	1.5/2.0
CLVJ125	125	119	250	2.0
CLVJ150	150	144	290	2.0
CLVJ200	200	194	290	2.0

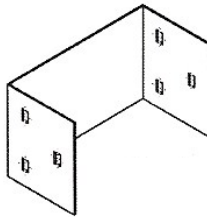
*All units in mm

NOTE: Other sizes are available upon request

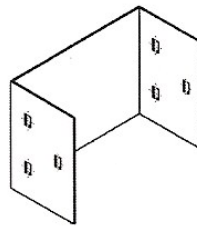
LADDER C/W END & OFFSET PLATE



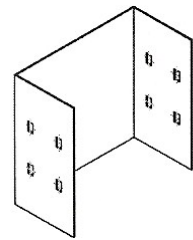
END PLATE – 100(H)



125(H)



150(H)



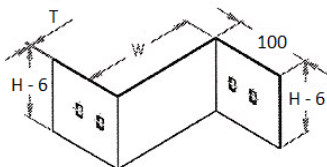
200(H)

END PLATE			
WIDTH (W)	HEIGHT (H)	LENGTH (L)	THICKNESS (T)
150	100-200	100	1.5-2.0
300	100-200	100	2.0
450	100-200	100	2.0
600	100-200	100	2.0
750	100-200	100	2.0
900	100-200	100	2.0-2.5

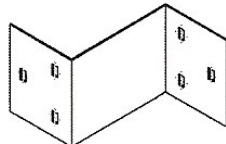
*All units in mm

OFFSET PLATE			
WIDTH (W)	HEIGHT (H)	LENGTH (L)	THICKNESS (T)
150	100-200	100	2-3
300	100-200	100	2-3
450	100-200	100	2-3
600	100-200	100	2-3
750	100-200	100	2-3
900	100-200	100	2-3

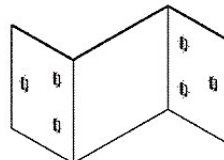
*All units in mm



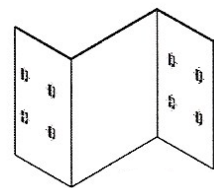
OFFSET PLATE – 100(H)



125(H)



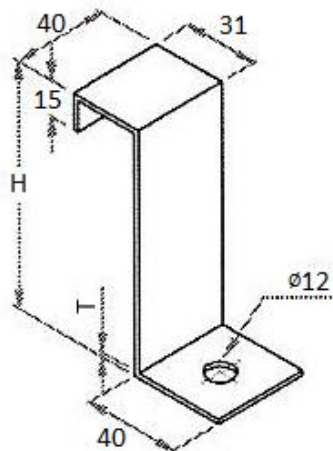
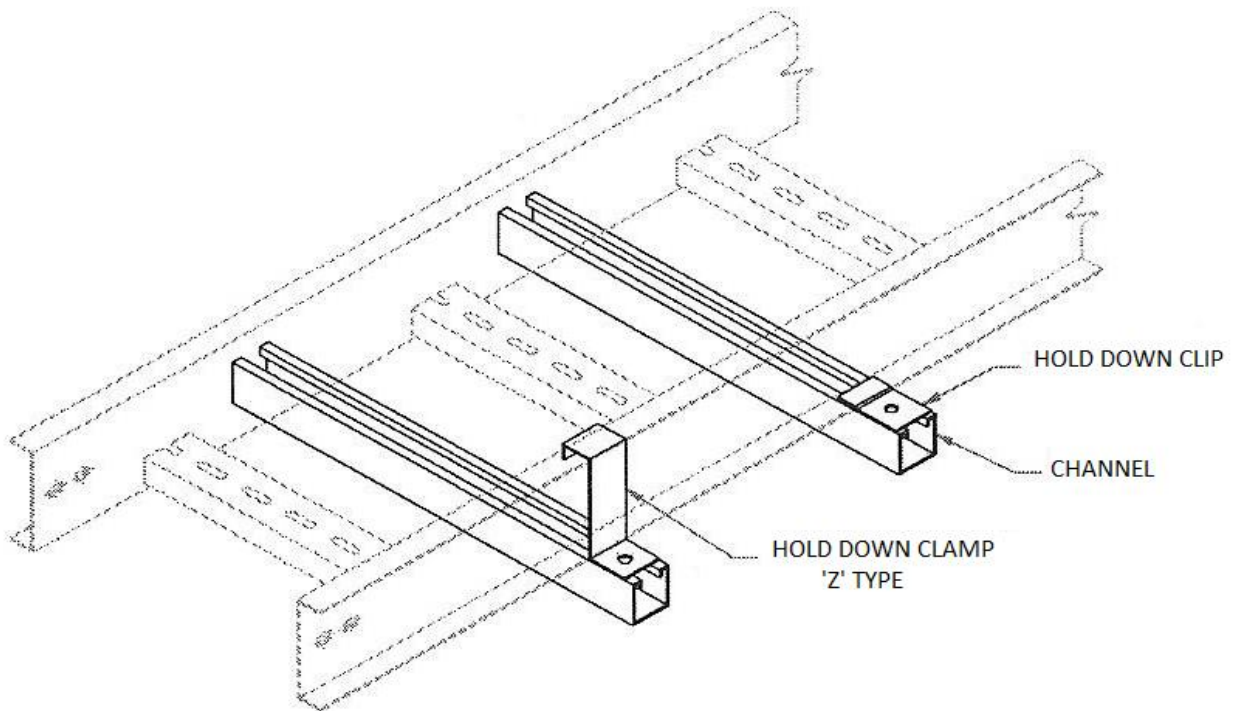
150(H)



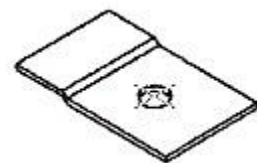
200(H)

NOTE: Other sizes are available upon request

LADDER C/W HOLD DOWN CLAMP & CLIP

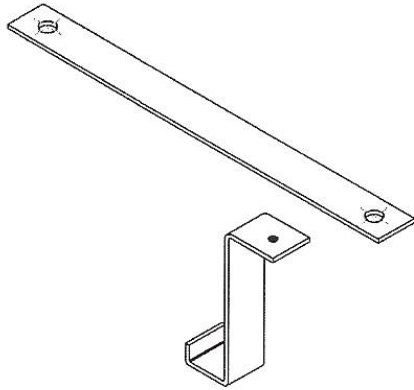


HOLD DOWN CLAMP
'Z' TYPE

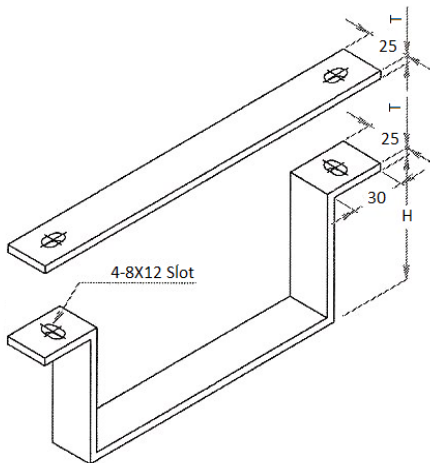
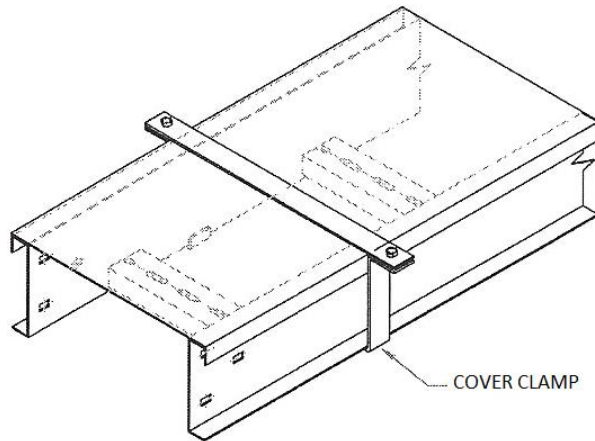
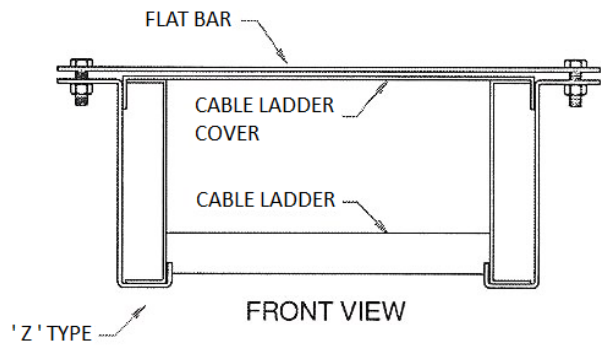


HOLD DOWN CLIP

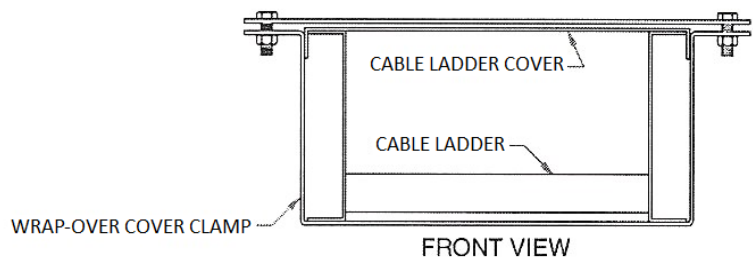
CABLE LADDER C/W COVER, CLAMP & FASTENER



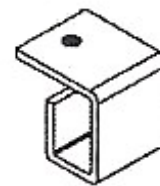
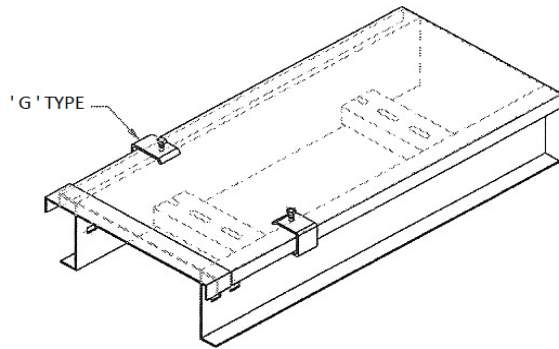
COVER CLAMP 'Z' TYPE



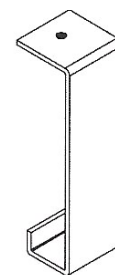
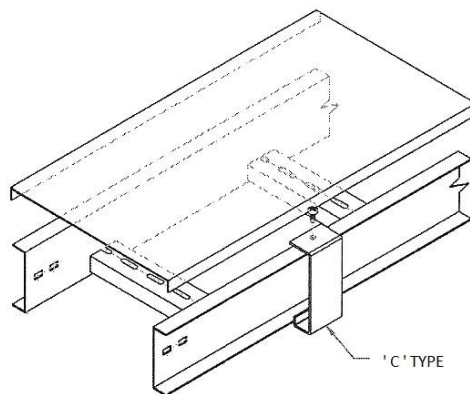
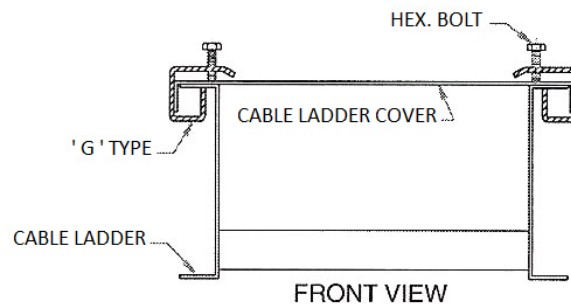
WRAP OVER CLAMP TYPE



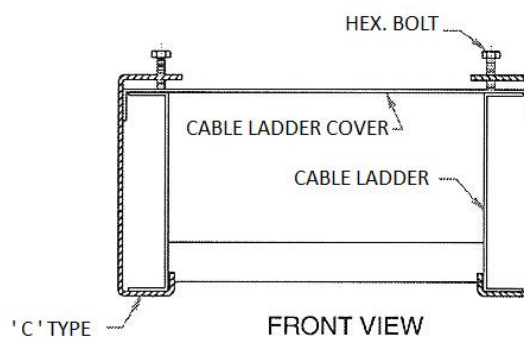
CABLE LADDER C/W COVER, CLAMP & FASTENER



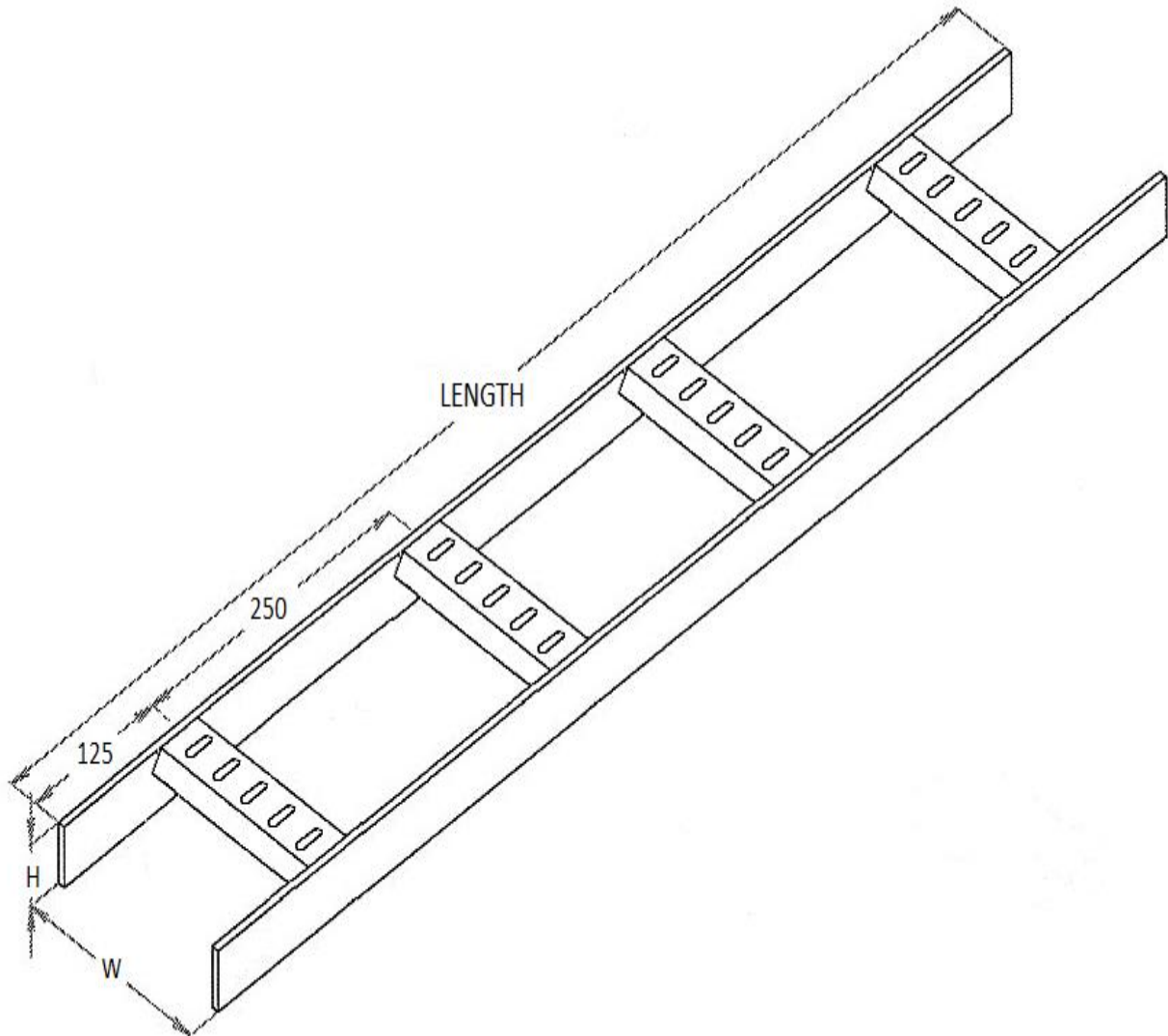
COVER CLAMP 'G' TYPE



COVER CLAMP 'C' TYPE



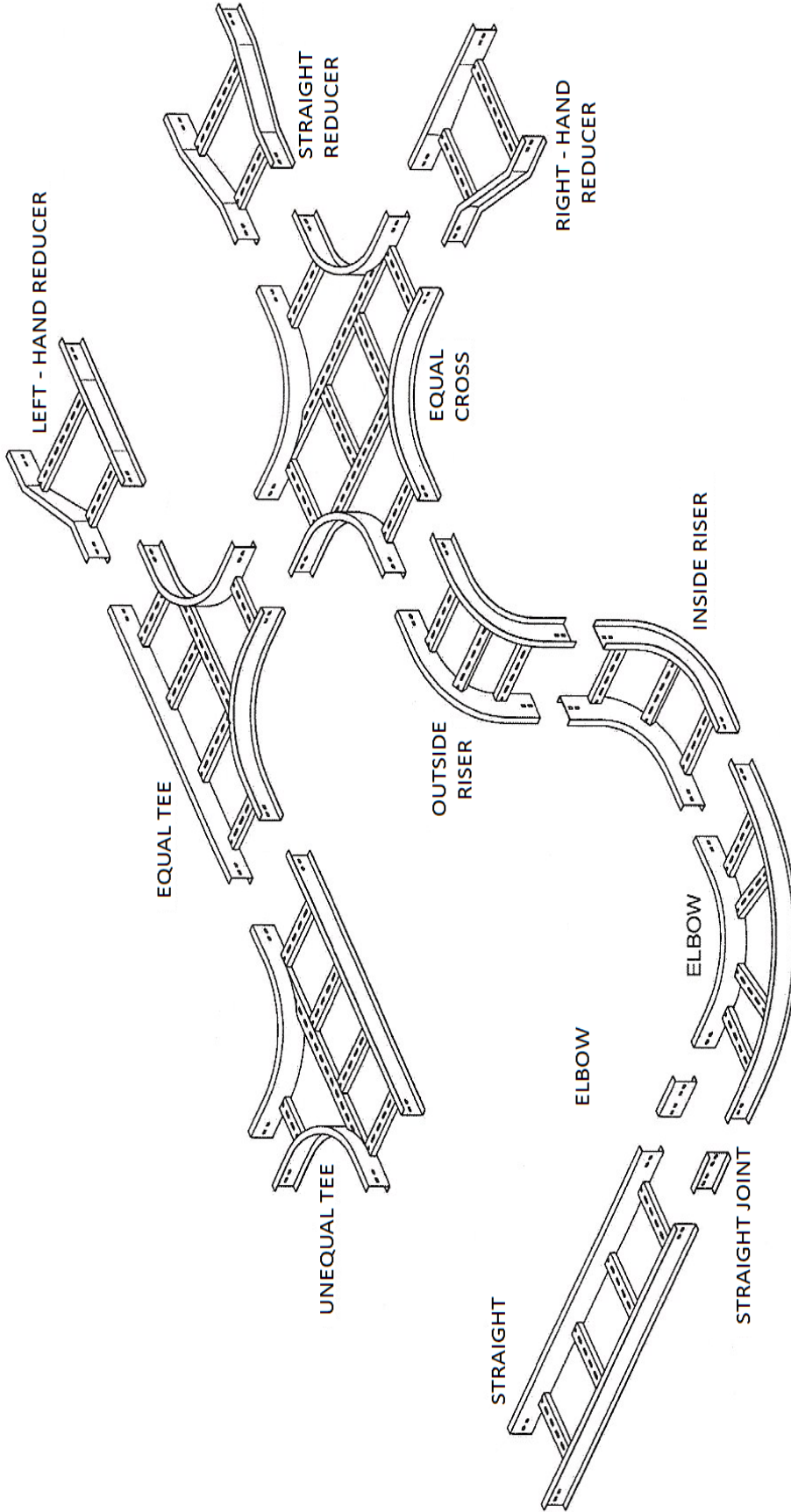
LADDER - FLAT BAR TYPE



FLAT BAR LADDER			
WIDTH (W)	HEIGHT (H)	LENGTH (L)	THICKNESS (T)
150	38 - 50	3000	3.0 / 6.0
300	38 - 50	3000	3.0 / 6.0
450	38 - 50	3000	3.0 / 6.0
600	38 - 50	3000	3.0 / 6.0
750	38 - 50	3000	3.0 / 6.0
900	38 - 50	3000	3.0 / 6.0

*All units in mm

CABLE LADDER & COMPONENTS ASSEMBLY GUIDE



* A PREFABRICATED METAL STRUCTURE CONSISTING OF ONE PIECE BOX CHANNEL SECTION