



**PLANT STANDARD
HYDERABAD**

HY7433662

Rev. No. 00

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GI LADDER TYPE (CHANNEL) CABLE TRAYS AND ACCESSORIES (TYPE-1)

1. This standard shall be read in conjunction with BHEL plant standard no. HY7433661, GI cable trays and accessories.

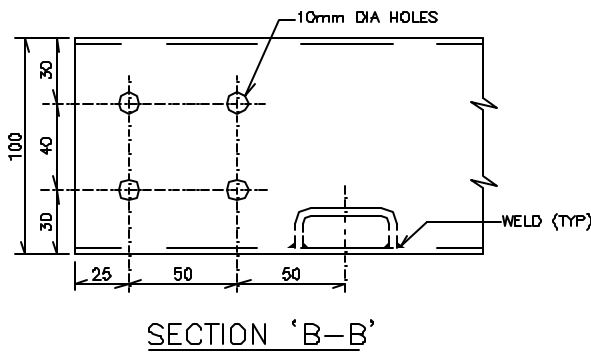
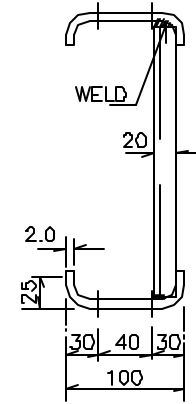
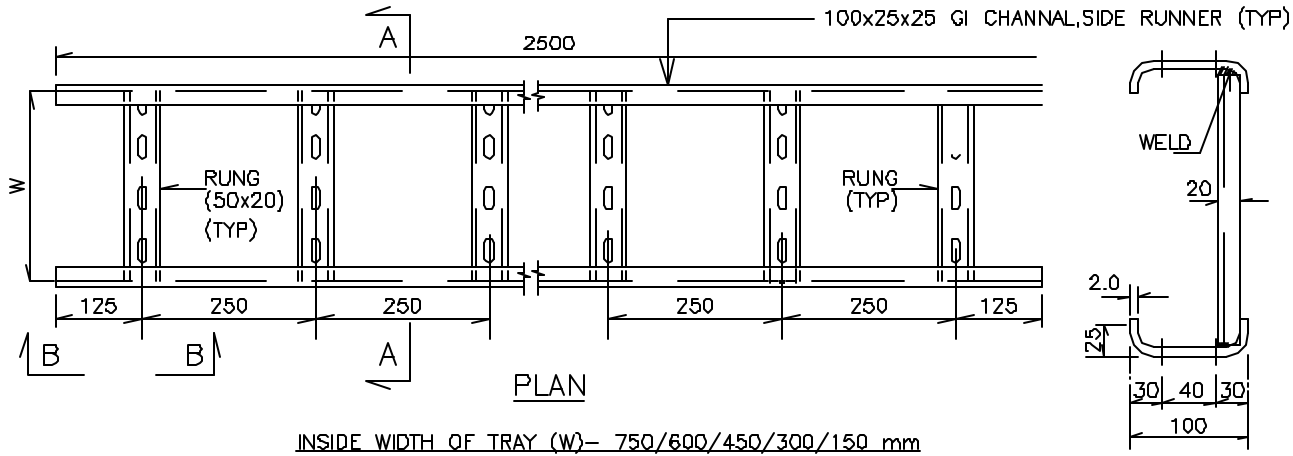
This standard covers the constructional, dimensional and sectional details of various types of GI ladder type (channel) cable trays and accessories (type-1) and same are given in the following pages.

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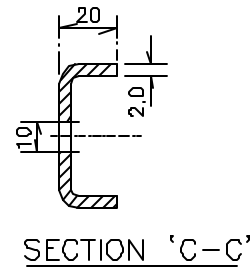
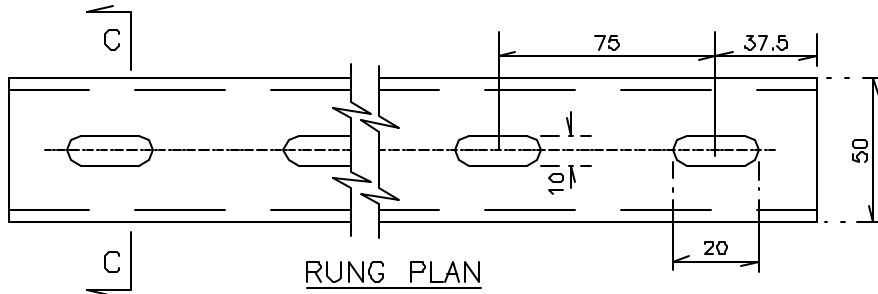
PLANT STANDARD HYDERABAD



TYPICAL ARRANGEMENT FOR STRIGHT RUN CABLE TRAY ALONG WITH ACCESSORIES AND COUPLER PLATES FOR LADDER TYPE (CHANNEL) CABLE TRAYS-TYPE1



H=100mm for 300/450/600/750mm
width Tray
H=50mm for 150mm width Tray



NOTES:

1. STRAIGHT RUN FOR LADDER TYPE (CHANNEL) CABLE TRAY TYPE-1, SHALL INCLUDE 2 Sets OF COUPLER PLATES ALONG WITH ACCESSORIES LIKE WASHERS, NUTS AND BOLTS. DETAILS OF THE SAME IS ATTACHED IN SHEET NO. 4 OF 20.
2. ALL DIMENSIONS ARE IN mm. PLEASE NOTE THAT NEGATIVE TOLERANCE IN ANY DIMENSIONED, ARE NOT ACCEPTABLE. HOWEVER A POSITIVE TOLERANCE OF +2mm CAN BE ACCEPTED.
3. MATERIAL CODES FOR VARIOUS LADDER TYPE (CHANNEL) STRAIGHT RUN CABLE TRAY TYPE-1 ARE GIVEN IN THE FOLLOWING PAGE.
4. IN ORDER TO MAINTAIN PROPER EARTH CONTINUITY BOND, PAINTING ON SURFACES IN CONTACT BETWEEN COUPLER PLATES AND CABLE TRAY SHALL BE SCRAPPED AT THE TIME OF INSTALLATION.
5. THE DETAILS SHOWN IN THE DRAWING ARE TYPICAL FOR LADDER TYPE (CHANNEL) CABLE TRAYS.



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MATERIAL CODES FOR STRAIGHT RUN CABLE TRAY ALONG WITH ACCESSORIES
AND COUPLER PLATES FOR LADDER TYPE (CHANNEL) CABLE TRAYS-TYPE1

VAR NO	DESCRIPTION	MATERIAL CODE
01	750 mm WIDTH LADDER TYPE (CHANNEL) STRAIGHT RUN CABLE TRAY ALONG WITH ACCESSORIES INCLUDING COUPLER PLATES-TYPE1	HY7433662014
02	600 mm WIDTH LADDER TYPE (CHANNEL) STRAIGHT RUN CABLE TRAY ALONG WITH ACCESSORIES INCLUDING COUPLER PLATES-TYPE1	HY7433662022
03	450 mm WIDTH LADDER TYPE (CHANNEL) STRAIGHT RUN CABLE TRAY ALONG WITH ACCESSORIES INCLUDING COUPLER PLATES-TYPE1	HY7433662030
04	300 mm WIDTH LADDER TYPE (CHANNEL) STRAIGHT RUN CABLE TRAY ALONG WITH ACCESSORIES INCLUDING COUPLER PLATES-TYPE1	HY7433662049
05	150 mm WIDTH LADDER TYPE (CHANNEL) STRAIGHT RUN CABLE TRAY ALONG WITH ACCESSORIES INCLUDING COUPLER PLATES-TYPE1	HY7433662057

1. ALL DIMENSIONS ARE IN mm. PLEASE NOTE THAT NEGATIVE TOLERANCE IN ANY DIMENSIONED, ARE NOT ACCEPTABLE. HOWEVER A POSITIVE TOLERANCE OF +2mm CAN BE ACCEPTED.
2. IN ORDER TO MAINTAIN PROPER EARTH CONTINUITY BOND, PAINTING ON SURFACES IN CONTACT BETWEEN COUPLER PLATES AND CABLE TRAY SHALL BE SCRAPPED AT THE TIME OF INSTALLATION.
3. TWO COUPLER PLATES TO BE PROVIDED ONE EACH ON EITHER SIDE OF TRAY.
4. ONE SET OF COUPLER PLATE WITH ACCESSORIES SHALL INCLUDE 2No. OF COUPLER PLATES 8No. OF BOLTS, NUTS & WASHERS AS SHOWN IN THE DRAWING
5. MATERIAL CODES FOR LOOSE SUPPLY OF COUPLER PLATE WITH ACCESSORIES FOR VARIOUS TYPE OF LADDER TYPE (CHANNEL) CABLE TRAYS-TYPE1, ARE GIVEN IN THE FOLLOWING PAGE.



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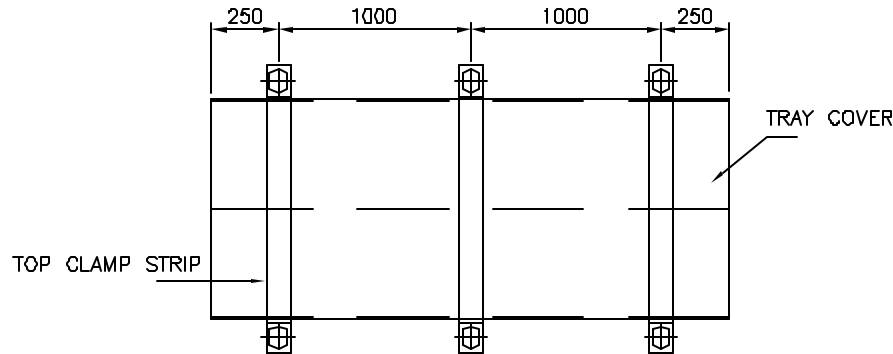
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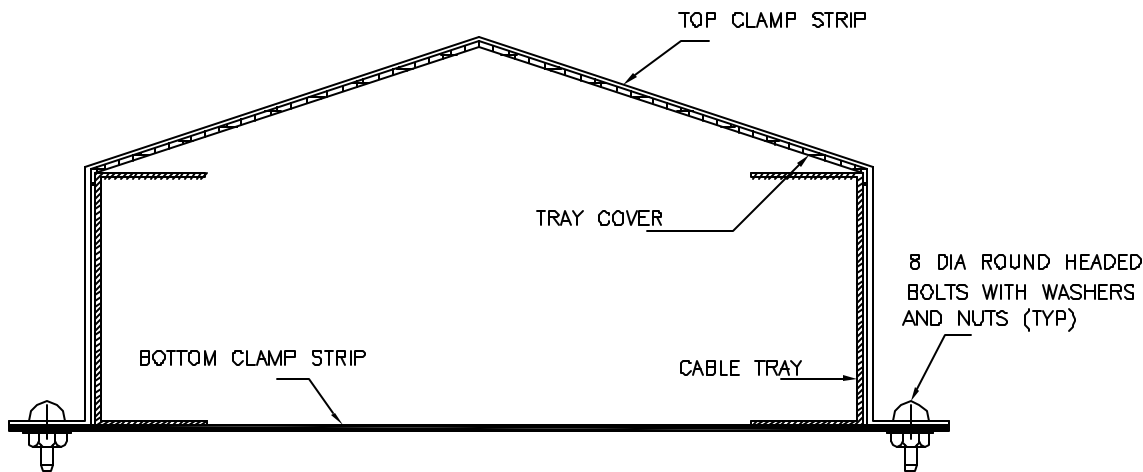
MATERIAL CODES FOR COUPLER PLATE SETS INCLUDING ACCESSORIES
FOR LADDER TYPE CABLE TRAYS –TYPE1 (IN CASE OF LOOSE SUPPLY)

VAR NO	DESCRIPTION	MATERIAL CODE
06	COUPLER PLATES SET ALONG WITH ACCESSORIES FOR 750 mm LADDER TYPE (CHANNEL) CABLE TRAY– TYPE1	HY7433662065
07	COUPLER PLATES SET ALONG WITH ACCESSORIES FOR 600 mm LADDER TYPE (CHANNEL) CABLE TRAY– TYPE1	HY7433662073
08	COUPLER PLATES SET ALONG WITH ACCESSORIES FOR 450 mm LADDER TYPE (CHANNEL) CABLE TRAY– TYPE1	HY7433662081
09	COUPLER PLATES SET ALONG WITH ACCESSORIES FOR 300 mm LADDER TYPE (CHANNEL) CABLE TRAY– TYPE1	HY7433662090
10	COUPLER PLATES SET ALONG WITH ACCESSORIES FOR 150 mm LADDER TYPE (CHANNEL) CABLE TRAY– TYPE1	HY7433662103

TYPICAL ARRANGEMENT FOR CABLE TRAY COVER ALONG WITH ACCESSORIES
FOR LADDER TYPE (CHANNEL) CABLE TRAY1



CABLE TRAY COVER WITH ACCESSORIES-PLAN



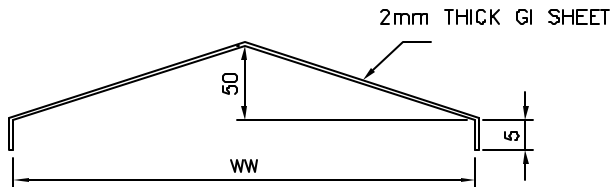
CABLE TRAY COVER WITH ACCESSORIES-ELEVATION

NOTES

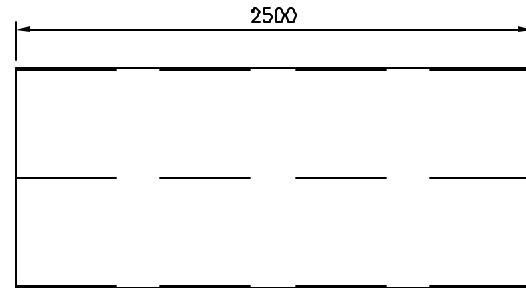
1. CABLE TRAY COVER SHALL INCLUDE 1 No OF TRAY COVER OF 2500 mm LENGTH ALONG WITH 3Nos OF TOP CLAMP STRIP, 3Nos OF BOTTOM CLAMP STRIP AND 6Nos OF BOLTS ALONG WITH NUTS AND WASHERS.
2. ALL DIMENSIONS ARE IN mm. PLEASE NOTE THAT NEGATIVE TOLERANCE IN ANY DIMENSIONED, ARE NOT ACCEPTABLE. HOWEVER A POSITIVE TOLERANCE OF +2mm CAN BE ACCEPTED.
3. ALL THE ACCESSORIES EXCEPT NUTS AND BOLTS SHALL BE FABRICATED FROM 2mm THICK GI SHEET STEEL.
4. MATERIAL CODES FOR CABLE TRAY COVERS WITH ACCESSORIES FOR VARIOUS TYPE OF LADDER TYPE (CHANNEL) CABLE TRAYS-TYPE1, ARE GIVEN IN THE FOLLOWING PAGE.
5. IN ORDER TO MAINTAIN PROPER EARTH CONTINUITY BOND, PAINTING ON SURFACES IN CONTACT BETWEEN COUPLER PLATES AND CABLE TRAY SHALL BE SCRAPPED AT THE TIME OF INSTALLATION.
6. THE DETAILS SHOWN IN THE DRAWING ARE TYPICAL FOR LADDER TYPE (CHANNEL) CABLE TRAYS.

TYPICAL ARRANGEMENT FOR CABLE TRAY COVER AND ACCESSORIES

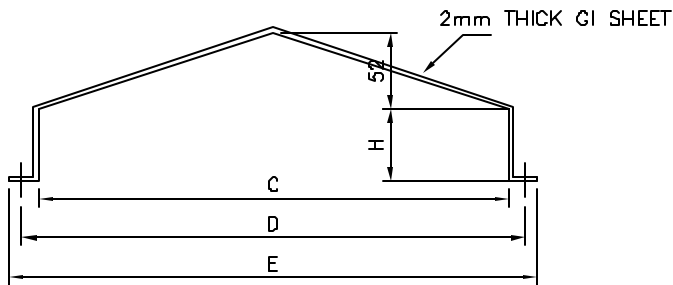
FOR LADDER TYPE (CHANNEL) CABLE TRAYS-TYPE1



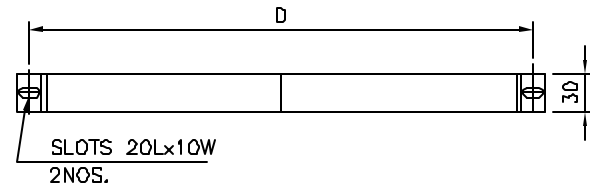
CABLE TRAY COVER-ELEVATION



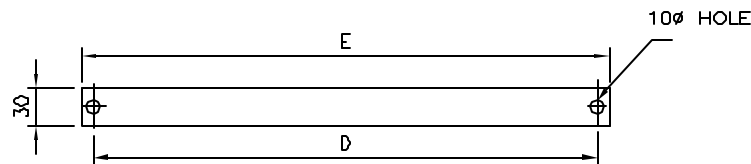
CABLE TRAY COVER-PLAN



TOP CLAMP STRIP-ELEVATION



TOP CLAMP STRIP-PLAN



BOTTOM CLAMP STRIP-ELEVATION

DESCRIPTION	WW	C	D	E	H
COVER FOR 750mm TRAY	756	760	794	824	100
COVER FOR 600mm TRAY	606	610	644	674	100
COVER FOR 450mm TRAY	456	460	494	524	100
COVER FOR 300mm TRAY	306	310	344	374	100
COVER FOR 150mm TRAY	156	160	194	224	75

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MATERIAL CODES FOR TRAY COVERS ALONG WITH ACCESSORIES

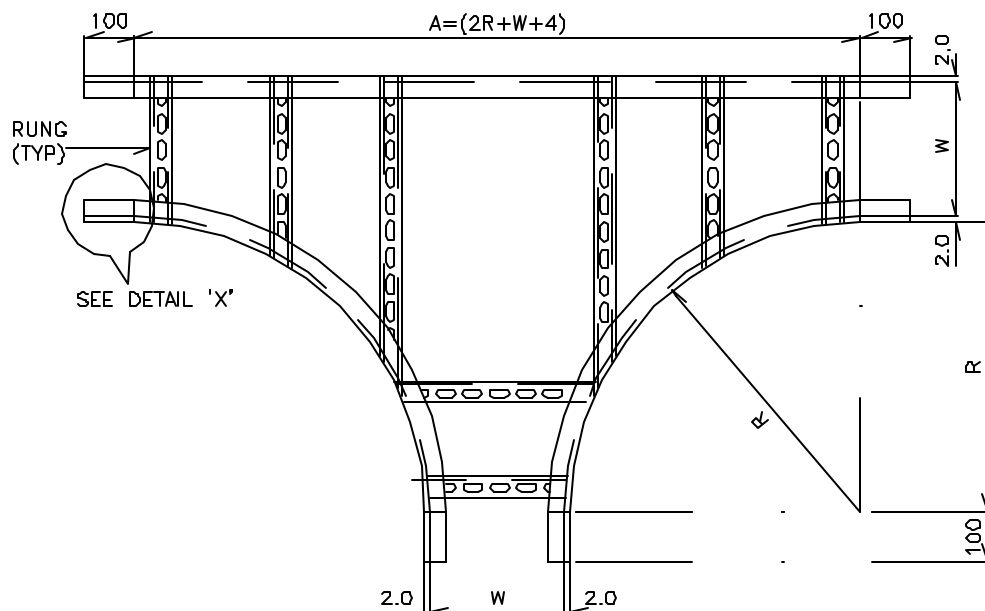
FOR LADDER TYPE (CHANNEL) CABLE TRAYS-TYPE1

VAR NO	DESCRIPTION	MATERIAL CODE
11	COVER ALONG WITH ACCESSORIES FOR 750 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662111
12	COVER ALONG WITH ACCESSORIES FOR 600 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662120
13	COVER ALONG WITH ACCESSORIES FOR 450 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662138
14	COVER ALONG WITH ACCESSORIES FOR 300 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662146
15	COVER ALONG WITH ACCESSORIES FOR 150 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662154

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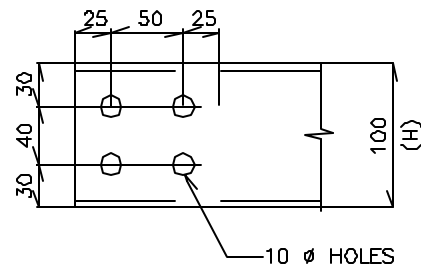
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TYPICAL ARRANGEMENT FOR HORIZONTAL TEE ALONG WITH ACCESSORIES
AND COUPLER PLATES FOR LADDER TYPE (CHANNEL) CABLE TRAYS-TYPE1



DIMENSIONAL DETAILS:

WIDTH OF TRAY (W)	DEPTH OF TRAY (H)	A=(2R+W+4)				
		R=450	R=600	R=900	R=1250	R=1500
150	100	1054	1354	NA	NA	NA
300	100	NA	1504	2104	NA	NA
450	100	NA	1654	2254	NA	NA
600	100	NA	NA	2404	3104	3604
750	100	NA	NA	2554	3254	3754



DETAIL-X

NOTES

- HORIZONTAL "TEE" FOR LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1, SHALL INCLUDE 4 SETS OF COUPLER PLATES ALONG WITH ACCESSORIES LIKE WASHERS, NUTS AND BOLTS AS SHOWN IN THE DRAWING.
- ALL DIMENSIONS ARE IN mm. PLEASE NOTE THAT NEGATIVE TOLERANCE IN ANY DIMENSIONED, ARE NOT ACCEPTABLE. HOWEVER A POSITIVE TOLERANCE OF +2mm CAN BE ACCEPTED.
- MATERIAL CODES FOR HORIZONTAL TEE WITH ACCESSORIES FOR VARIOUS TYPE OF LADDER TYPE (CHANNEL) CABLE TRAYS-TYPE1, ARE GIVEN IN THE FOLLOWING PAGE.
- IN ORDER TO MAINTAIN PROPER EARTH CONTINUITY BOND, PAINTING ON SURFACES IN CONTACT BETWEEN COUPLER PLATES AND CABLE TRAY SHALL BE SCRAPPED AT THE TIME OF INSTALLATION.
- THE DETAILS SHOWN IN THE DRAWING ARE TYPICAL FOR LADDER TYPE (CHANNEL) CABLE TRAYS.

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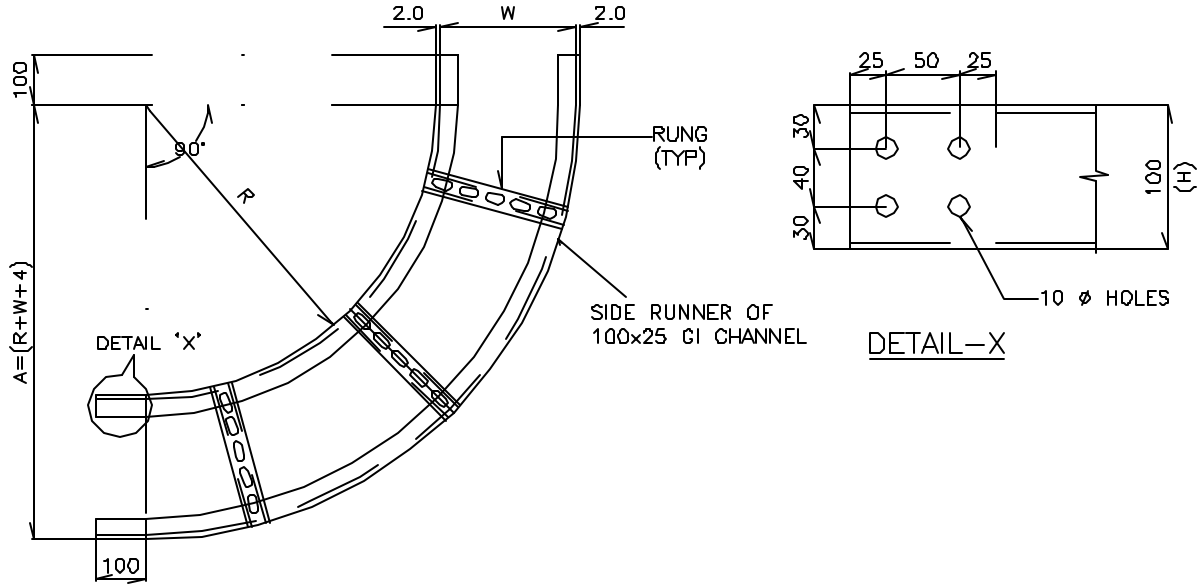
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MATERIAL CODES FOR HORIZONTAL "TEE" ALONG WITH ACCESSORIES AND AND COUPLER PLATES FOR LADDER TYPE (CHANNEL) CABLE TRAYS-TYPE1

VAR NO	DESCRIPTION	MATERIAL CODE
16	HORIZONTAL 'TEE' OF 450 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 150 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1.	HY7433662162
17	HORIZONTAL 'TEE' OF 600 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 150 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662170
18	HORIZONTAL 'TEE' OF 600 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 300 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662189
19	HORIZONTAL 'TEE' OF 900 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 300 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662197
20	HORIZONTAL 'TEE' OF 600 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 450 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662200
21	HORIZONTAL 'TEE' OF 900 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 450 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662219
22	HORIZONTAL 'TEE' OF 900 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 600 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662227
23	HORIZONTAL 'TEE' OF 1250 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 600 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662235
24	HORIZONTAL 'TEE' OF 1500 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 600 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662243
25	HORIZONTAL 'TEE' OF 900 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 750 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662251
26	HORIZONTAL 'TEE' OF 1250 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 750 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662260
27	HORIZONTAL 'TEE' OF 1500 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 750 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662278

TYPICAL ARRANGEMENT FOR HORIZONTAL ELBOW 90° ALONG WITH ACCESSORIES AND COUPLER PLATES FOR LADDER TYPE (CHANNEL) CABLE TRAYS—TYPE1



DIMENSIONAL DETAILS:

WIDTH OF TRAY (W)	DEPTH OF TRAY (H)	A=(R+W+4)				
		R=450	R=600	R=900	R=1250	R=1500
150	100	604	754	NA	NA	NA
300	100	NA	904	1204	NA	NA
450	100	NA	1054	1354	NA	NA
600	100	NA	NA	1504	1854	2104
750	100	NA	NA	1654	2004	2254

NOTES

- HORIZONTAL 90° ELBW FOR LADDER TYPE (CHANNEL) CABLE TRAY—TYPE1, SHALL INCLUDE 2 SETS OF COUPLER PLATES ALONG WITH ACCESSORIES LIKE NUTS, BOLTS AND WASHERS AS SHOWN IN THE DRAWING.
- ALL DIMENSIONS ARE IN mm. PLEASE NOTE THAT NEGATIVE TOLERANCE IN ANY DIMENSIONED, ARE NOT ACCEPTABLE. HOWEVER A POSITIVE TOLERANCE OF +2mm CAN BE ACCEPTED.
- MATERIAL CODES FOR HORIZONTAL ELBOW 90° WITH ACCESSORIES FOR VARIOUS TYPE OF LADDER TYPE (CHANNEL) CABLE TRAYS—TYPE1, ARE GIVEN IN THE FOLLOWING PAGE.
- IN ORDER TO MAINTAIN PROPER EARTH CONTINUITY BOND, PAINTING ON SURFACES IN CONTACT BETWEEN COUPLER PLATES AND CABLE TRAY SHALL BE SCRAPPED AT THE TIME OF INSTALLATION.
- THE DETAILS SHOWN IN THE DRAWING ARE TYPICAL FOR LADDER TYPE (CHANNEL) CABLE TRAYS.

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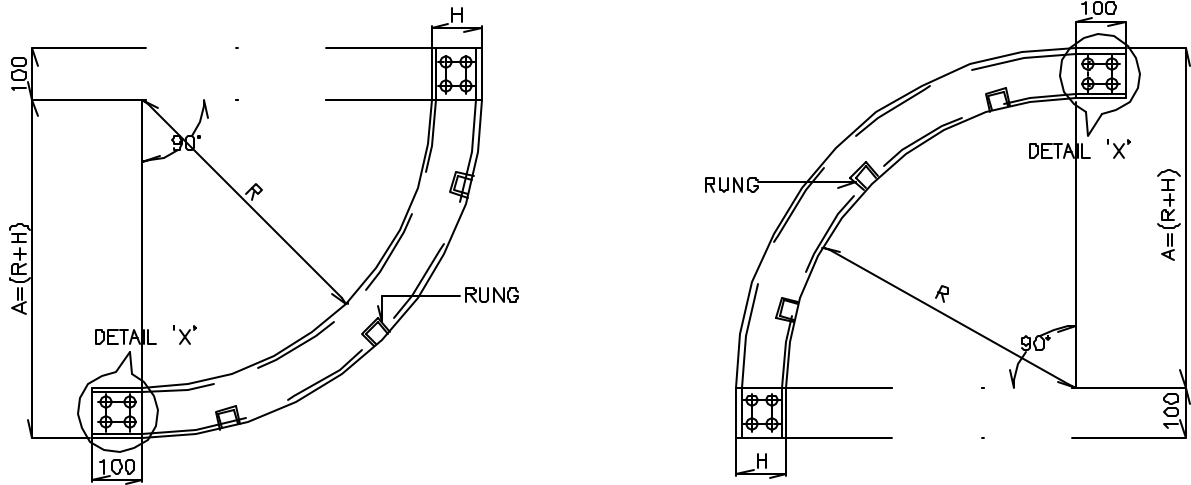
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MATERIAL CODES FOR 90° HORIZONTAL ELBOW 90° ALONG WITH ACCESSORIES AND COUPLER PLATES FOR LADDER TYPE (CHANNEL) CABLE TRAYS-TYPE1

VAR NO	DESCRIPTION	MATERIAL CODE
28	HORIZONTAL ELBOW OF 450 mm BENDING RADIUS ALONG COUPLER PLATES FOR 150 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662286
29	HORIZONTAL ELBOW OF 600 mm BENDING RADIUS ALONG COUPLER PLATES FOR 150 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662294
30	HORIZONTAL ELBOW OF 600 mm BENDING RADIUS ALONG COUPLER PLATES FOR 300 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662308
31	HORIZONTAL ELBOW OF 900 mm BENDING RADIUS ALONG COUPLER PLATES FOR 300 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662316
32	HORIZONTAL ELBOW OF 600 mm BENDING RADIUS ALONG COUPLER PLATES FOR 450 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662324
33	HORIZONTAL ELBOW OF 900 mm BENDING RADIUS ALONG COUPLER PLATES FOR 450 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662332
34	HORIZONTAL ELBOW OF 900 mm BENDING RADIUS ALONG COUPLER PLATES FOR 600 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662340
35	HORIZONTAL ELBOW OF 1250 mm BENDING RADIUS ALONG COUPLER PLATES FOR 600 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662359
36	HORIZONTAL ELBOW OF 1500 mm BENDING RADIUS ALONG COUPLER PLATES FOR 600 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662367
37	HORIZONTAL ELBOW OF 900 mm BENDING RADIUS ALONG COUPLER PLATES FOR 750 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662375
38	HORIZONTAL ELBOW OF 1250 mm BENDING RADIUS ALONG COUPLER PLATES FOR 750 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662383
39	HORIZONTAL ELBOW OF 1500 mm BENDING RADIUS ALONG COUPLER PLATES FOR 750 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662391

TYPICAL ARRANGEMENT FOR VERTICAL ELBOW 90° UP/DOWN WITH ACCESSORIES
AND COUPLER PLATES FOR LADDER TYPE (CHANNEL) CABLE TRAYS–TYPE1



VERTICAL ELBOW 90° UP / DOWN

DIMENTIONAL DETAILS:

WIDTH OF TRAY (W)	DEPTH OF TRAY (H)	A=(R+H)				
		R=450	R=600	R=900	R=1250	R=1500
150	100	550	700	NA	NA	NA
300	100	NA	700	1000	NA	NA
450	100	NA	700	1000	NA	NA
600	100	NA	NA	1000	1350	1600
750	100	NA	NA	1000	1350	1600

NOTES

1. VERTICAL ELBOW 90° UP/DOWN FOR LADDER TYPE (CHANNEL) CABLE TRAY–TYPE1, SHALL INCLUDE 2 SETS OF COUPLER PLATES ALONG WITH ACCESSORIES LIKE WASHERS, NUTS AND BOLTS AS SHOWN IN THE DRAWING.
2. ALL DIMENSIONS ARE IN mm. PLEASE NOTE THAT NEGATIVE TOLERANCE IN ANY DIMENSIONED, ARE NOT ACCEPTABLE. HOWEVER A POSITIVE TOLERANCE OF +2mm CAN BE ACCEPTED.
3. MATERIAL CODES FOR HORIZONTAL ELBOW 90° WITH ACCESSORIES FOR VARIOUS TYPE OF LADDER TYPE (CHANNEL) CABLE TRAYS–TYPE1, ARE GIVEN IN THE FOLLOWING PAGE.
4. IN ORDER TO MAINTAIN PROPER EARTH CONTINUITY BOND, PAINTING ON SURFACES IN CONTACT BETWEEN COUPLER PLATES AND CABLE TRAY SHALL BE SCRAPPED AT THE TIME OF INSTALLATION.
5. THE DETAILS SHOWN IN THE DRAWING ARE TYPICAL FOR LADDER TYPE (CHANNEL) CABLE TRAYS.

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MATERIAL CODES FOR 90° VERTICAL UP/DOWN ALONG WITH ACCESSORIES AND COUPLER PLATES FOR LADDER TYPE (CHANNEL) CABLE TRAYS–TYPE1

VAR NO	DESCRIPTION	MATERIAL CODE
40	VERTICAL UP OF 450 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 150 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY–TYPE1	HY7433662405
41	VERTICAL DOWN OF 450 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 150 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY–TYPE1	HY7433662413
42	VERTICAL UP OF 600 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 150 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY–TYPE1	HY7433662421
43	VERTICAL DOWN OF 600 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 150 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY–TYPE1	HY7433662430
44	VERTICAL UP OF 600 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 300 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY–TYPE1	HY7433662448
45	VERTICAL DOWN OF 600 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 300 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY–TYPE1	HY7433662456
46	VERTICAL UP OF 900 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 300 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY–TYPE1	HY7433662464
47	VERTICAL DOWN OF 900 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 300 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY–TYPE1	HY7433662472
48	VERTICAL UP OF 600 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 450 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY–TYPE1	HY7433662480
49	VERTICAL DOWN OF 600 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 450 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY–TYPE1	HY7433662499
50	VERTICAL UP OF 900 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 450 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY–TYPE1	HY7433662502
51	VERTICAL DOWN OF 900 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 450 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY–TYPE1	HY7433662510



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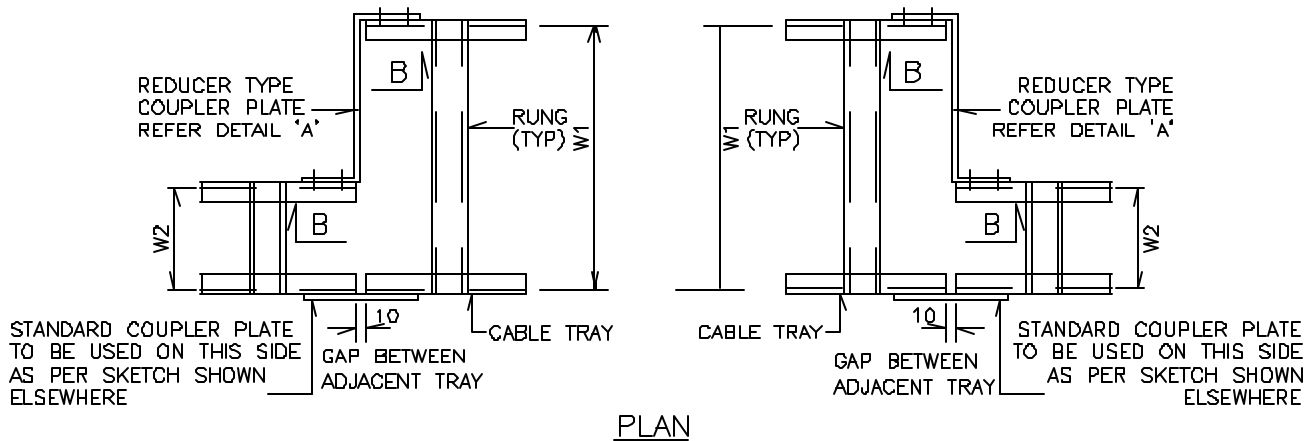
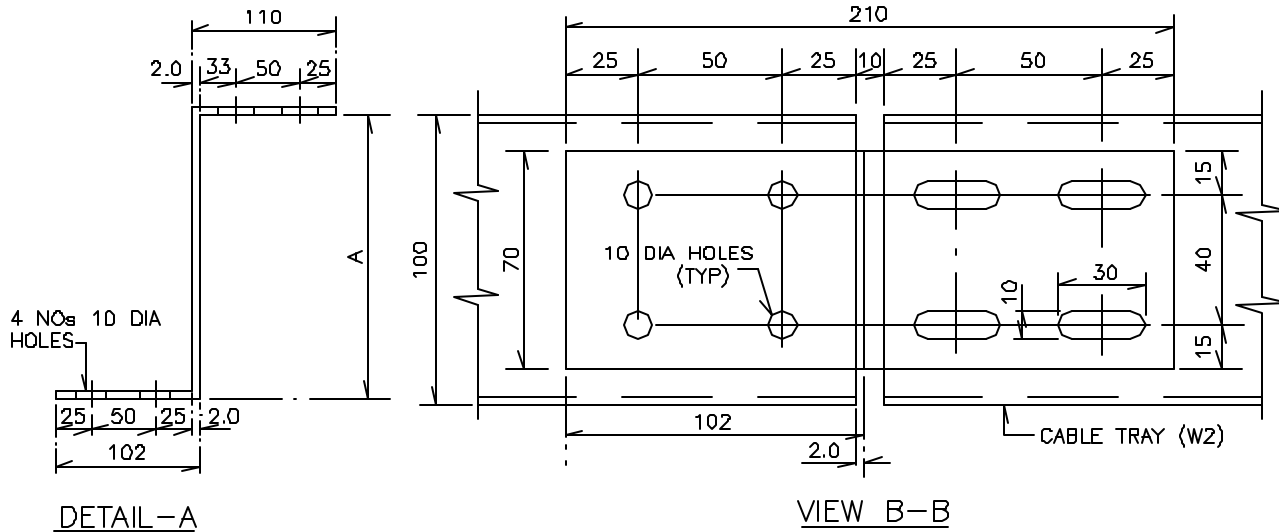
MATERIAL CODES FOR 90° VERTICAL UP/DOWN ALONG WITH ACCESSORIES
AND COUPLER PLATES FOR LADDER TYPE (CHANNEL) CABLE TRAYS-TYPE1

VAR NO	DESCRIPTION	MATERIAL CODE
52	VERTICAL UP OF 900 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 600 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662529
53	VERTICAL DOWN OF 900 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 600 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662537
54	VERTICAL UP OF 1250 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 600 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662545
55	VERTICAL DOWN OF 1250 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 600 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662553
56	VERTICAL UP OF 1500 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 600 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662561
57	VERTICAL DOWN OF 1500 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 600 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662570
58	VERTICAL UP OF 900 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 750 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662588
59	VERTICAL DOWN OF 900 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 750 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662596
60	VERTICAL UP OF 1250 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 750 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662600
61	VERTICAL DOWN OF 1250 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 750 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662618
62	VERTICAL UP OF 1500 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 750 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662626
63	VERTICAL DOWN OF 1500 mm BENDING RADIUS ALONG WITH COUPLER PLATES FOR 750 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662634

PLANT STANDARD HYDERABAD



TYPICAL ARRANGEMENT FOR REDUCERS ALONG WITH ACCESSORIES AND COUPLER PLATES FOR LADDER TYPE (CHANNEL) CABLE TRAYS-TYPE1



NOTES

- REDUCER FOR LADDER TYPE CABLE TRAY TYPE1, SHALL INCLUDE 2 SETS OF COUPLER PLATES ALONG WITH ACCESSORIES LIKE WASHERS, NUTS AND BOLTS AS SHOWN IN THE DRAWING.
- ALL DIMENSIONS ARE IN mm. PLEASE NOTE THAT NEGATIVE TOLERANCE IN ANY DIMENSIONED, ARE NOT ACCEPTABLE. HOWEVER A POSITIVE TOLERANCE OF +2mm CAN BE ACCEPTED.
- MATERIAL CODES FOR REDUCERS WITH ACCESSORIES FOR VARIOUS TYPE OF LADDER TYPE CABLE TRAYS-TYPE1 ARE GIVEN IN THE FOLLOWING PAGE.
- IN ORDER TO MAINTAIN PROPER EARTH CONTINUITY BOND, PAINTING ON SURFACES IN CONTACT BETWEEN COUPLER PLATES AND CABLE TRAY SHALL BE SCRAPPED AT THE TIME OF INSTALLATION.
- THE DETAILS SHOWN IN THE DRAWING ARE TYPICAL FOR LADDER TYPE (CHANNEL) CABLE TRAYS.

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MATERIAL CODES FOR CABLE TRAY REDUCERS ALONG WITH ACCESSORIES
AND COUPLER PLATES FOR LADDER TYPE (CHANNEL) CABLE TRAYS-TYPE1

VAR NO	DESCRIPTION	MATERIAL CODE
64	750MM TO 600 mm RIGHT HAND REDUCER ALONG WITH COUPLER PLATES FOR LADDER TYPE (CHANNEL) CABLE TRAYS-TYPE1.	HY7433662642
65	750MM TO 600 mm LEFT HAND REDUCER ALONG WITH COUPLER PLATES FOR LADDER TYPE (CHANNEL) CABLE TRAYS-TYPE1.	HY7433662650
66	750MM TO 450 mm RIGHT HAND REDUCER ALONG WITH COUPLER PLATES FOR LADDER TYPE (CHANNEL) CABLE TRAYS-TYPE1.	HY7433662669
67	750MM TO 450 mm LEFT HAND REDUCER ALONG WITH COUPLER PLATES FOR LADDER TYPE (CHANNEL) CABLE TRAYS-TYPE1.	HY7433662677
68	750MM TO 300 mm RIGHT HAND REDUCER ALONG WITH COUPLER PLATES FOR LADDER TYPE (CHANNEL) CABLE TRAYS-TYPE1.	HY7433662685
69	750MM TO 300 mm LEFT HAND REDUCER ALONG WITH COUPLER PLATES FOR LADDER TYPE (CHANNEL) CABLE TRAYS-TYPE1.	HY7433662693
70	600MM TO 450 mm RIGHT HAND REDUCER ALONG WITH COUPLER PLATES FOR LADDER TYPE (CHANNEL) CABLE TRAYS-TYPE1.	HY7433662707
71	600MM TO 450 mm LEFT HAND REDUCER ALONG WITH COUPLER PLATES FOR LADDER TYPE (CHANNEL) CABLE TRAYS-TYPE1.	HY7433662715
72	600MM TO 300 mm RIGHT HAND REDUCER ALONG WITH COUPLER PLATES FOR LADDER TYPE (CHANNEL) CABLE TRAYS-TYPE1.	HY7433662723
73	600MM TO 300 mm LEFT HAND REDUCER ALONG WITH COUPLER PLATES FOR LADDER TYPE (CHANNEL) CABLE TRAYS-TYPE1.	HY7433662731
74	600MM TO 150 mm RIGHT HAND REDUCER ALONG WITH COUPLER PLATES FOR LADDER TYPE (CHANNEL) CABLE TRAYS-TYPE1.	HY7433662740
75	600MM TO 150 mm LEFT HAND REDUCER ALONG WITH COUPLER PLATES FOR LADDER TYPE (CHANNEL) CABLE TRAYS-TYPE1.	HY7433662758
76	450MM TO 300 mm RIGHT HAND REDUCER ALONG WITH COUPLER PLATES FOR LADDER TYPE (CHANNEL) CABLE TRAYS-TYPE1.	HY7433662766
77	450MM TO 300 mm LEFT HAND REDUCER ALONG WITH COUPLER PLATES FOR LADDER TYPE (CHANNEL) CABLE TRAYS-TYPE1.	HY7433662774
78	450MM TO 150 mm RIGHT HAND REDUCER ALONG WITH COUPLER PLATES FOR LADDER TYPE (CHANNEL) CABLE TRAYS-TYPE1.	HY7433662782
79	450MM TO 150 mm LEFT HAND REDUCER ALONG WITH COUPLER PLATES FOR LADDER TYPE (CHANNEL) CABLE TRAYS-TYPE1.	HY7433662790
80	300MM TO 150 mm RIGHT HAND REDUCER ALONG WITH COUPLER PLATES FOR LADDER TYPE (CHANNEL) CABLE TRAYS-TYPE1.	HY7433662804
81	300MM TO 150 mm LEFT HAND REDUCER ALONG WITH COUPLER PLATES FOR LADDER TYPE (CHANNEL) CABLE TRAYS-TYPE1.	HY7433662812

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MATERIAL CODES FOR CROSS CABLE ALONG WITH ACCESSORIES
AND COUPLER PLATES FOR LADDER TYPE (CHANNEL) CABLE TRAYS-TYPE1

VAR NO	DESCRIPTION	MATERIAL CODE
82	HORIZONTAL CROSS OF 450 mm BENDING RADIUS ALONG COUPLER PLATES FOR 150 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662820
83	HORIZONTAL CROSS OF 600 mm BENDING RADIUS ALONG COUPLER PLATES FOR 150 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662839
84	HORIZONTAL CROSS OF 600 mm BENDING RADIUS ALONG COUPLER PLATES FOR 300 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662847
85	HORIZONTAL CROSS OF 900 mm BENDING RADIUS ALONG COUPLER PLATES FOR 300 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662855
86	HORIZONTAL CROSS OF 600 mm BENDING RADIUS ALONG COUPLER PLATES FOR 450 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662863
87	HORIZONTAL CROSS OF 900 mm BENDING RADIUS ALONG COUPLER PLATES FOR 450 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662871
88	HORIZONTAL CROSS OF 900 mm BENDING RADIUS ALONG COUPLER PLATES FOR 600 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662880
89	HORIZONTAL CROSS OF 1250 mm BENDING RADIUS ALONG COUPLER PLATES FOR 600 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662898
90	HORIZONTAL CROSS OF 1500 mm BENDING RADIUS ALONG COUPLER PLATES FOR 600 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662901
91	HORIZONTAL CROSS OF 900 mm BENDING RADIUS ALONG COUPLER PLATES FOR 750 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662910
92	HORIZONTAL CROSS OF 1250 mm BENDING RADIUS ALONG COUPLER PLATES FOR 750 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662928
93	HORIZONTAL CROSS OF 1500 mm BENDING RADIUS ALONG COUPLER PLATES FOR 750 mm WIDTH LADDER TYPE (CHANNEL) CABLE TRAY-TYPE1	HY7433662936