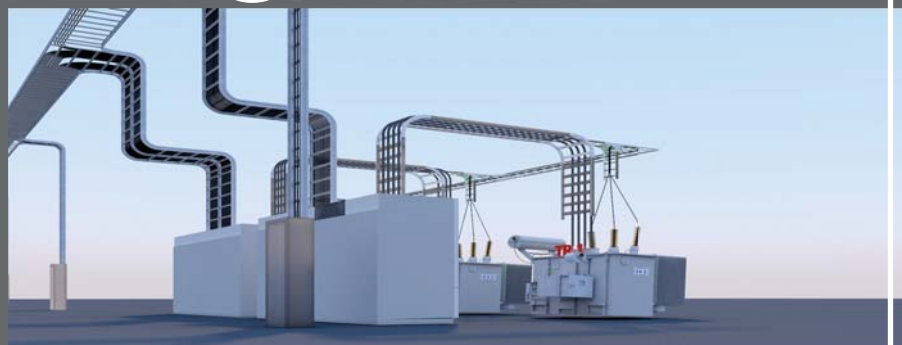
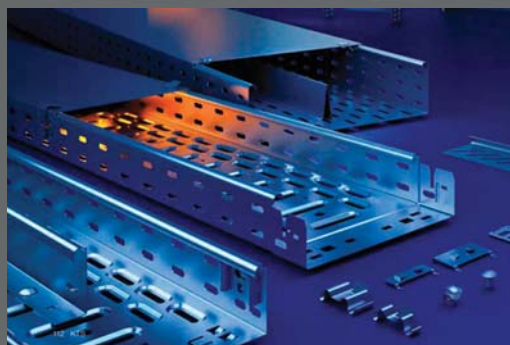




CABLE SUPPORT SYSTEM



- Cable Ladder
- Cable Tray
- Cable Duct/ Trunking
- Accessories

CATALOGUE

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DIEN DONG NAM A - THE SEAE



DIEN DONG NAM A

THE SEAE

Certificate

- ISO 9001:2015 Standard
- ASTA Type-Tested Certificate
- Brand certificate was trusted by customers
- Licence For Electricity Activities
- Type test panel of TCVN (IEC Standard)
- Type test Kema in EU



SEAE would like to send all warmest greetings and the best profound thanks to our partners

SEAE Company was established in 2010, development and affirmed own ability in the field of business and production of electrical panels, cable tray and distributing electrical & mechanical products. We have gained trust and believability of customers for qualities of products and services. Along with the continuous learning and innovation of advanced technologies

With the motto: "Customers - Products - Services" along with the management team and human Resources for many years of experience is always associated with the goal of giving customers the best products and services with the aim of the most economizing through engineering, we always provide to your quality standard products, and the proper design.

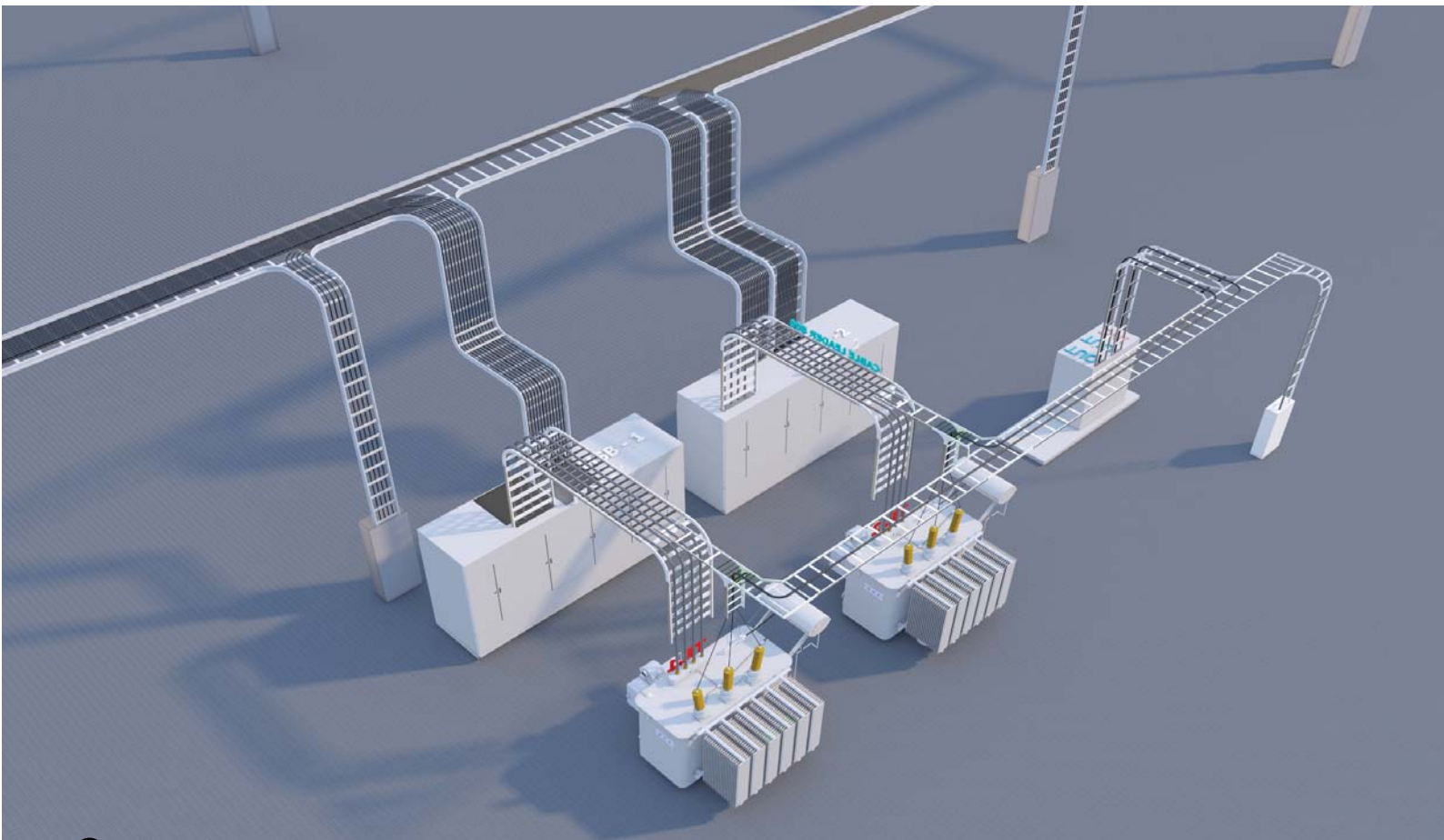
Main products

Southeast Asia Electrical Trading Joint Stock Company (The SEAE) constantly create and introduce to our customers the new products with outstanding advantages of quality and handling elements to advanced techniques in manufacturing process.

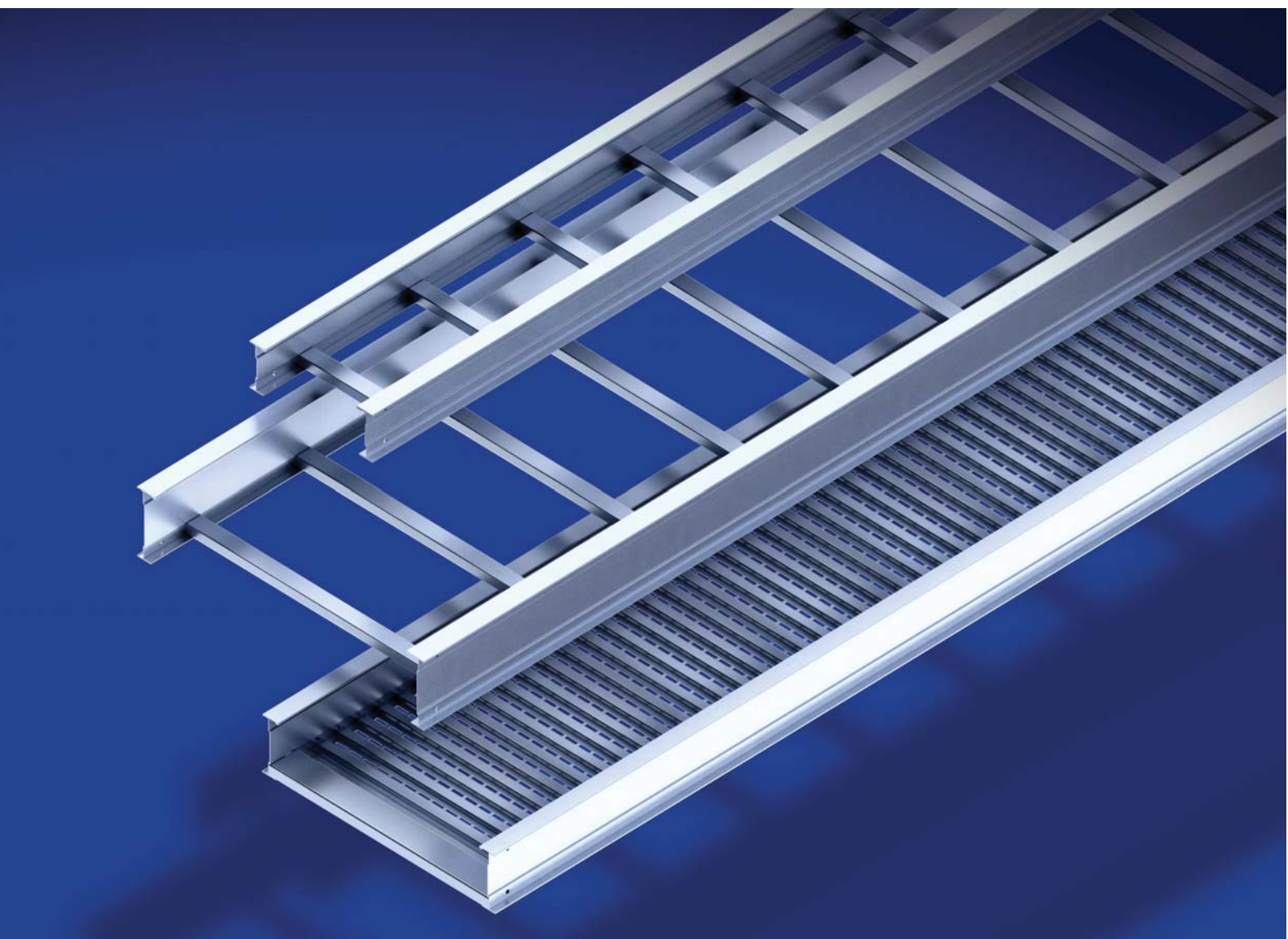
- ▶ Manufacturing systems of cable tray ladders, trunking and accessories.
- ▶ Processing all products relating to sheet metal
- ▶ Producing MV cubicles
- ▶ Low voltage: Main Switchboard (MSB), ATS (Auto Transfer Switch), MCC panels, PLC panels, Distribution Boards(DB), Lighting panels (LP), Capacitor Bank, pumping panels, fan panels, 19inches rack cubicles, Computer panles.
- ▶ Main Switchboard, distribution Boards.
- ▶ Production of enclosure, enclosure of device
- ▶ Provide maintenance services for the plant electrical systems, building and trading center

Contents

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Cable Duct and Trunking	21
Cable Support Cover	30
Accessories	37



CABLE LADDER



Cable Ladder is used in about 75 percent of the cable tray wiring system installations. It is the predominate cable tray type due to its many desirable features:

+ A cable ladder without covers permits the maximum free flow of air around the cables. This allows the heat produced in the cable's conductors to effectively dissipate.

+ The rungs of the cable ladders provide convenient anchors for tying down the cables in any non-horizontal cable tray rungs or where the positions of the cables must be maintained in the horizontal cable tray rungs.

+ Cables may exit or enter the cable ladders through the top or the bottom of the cable tray. Where the cables enter or exit conduit, the conduit to cable tray clamps may be installed upright or inverted to terminate conduits on the top or bottom of the cable tray side rail.

+ The most common rung spacing for cable ladder is 300mm. But the slight amount of small diameter cable drooping between rungs may be aesthetically objectionable for some installations.

APPLICATION SCOPE

1. Cable Tray Selection

a. Selection for width size

- Outside diameter of cables
- Cable weight
- Cable bend radius
- Number of cable threads
- Total weight of cables
- Extra space for installation work

Trays are available in units of 200 mm for width, and a calculation example is shown below:

Cable types and number of threads:

5 run of CV 22 x 3C
= Outside diameter $22 \times 5 = 110$ mm
3 run of CV 38 x 3C
= Outside diameter $26 \times 3 = 78$ mm
1 run of CV 100 x 3C
= Outside diameter $42 \times 1 = 42$ mm

Total 230 mm

Add a coefficient allowing 15% spare.

$230 \times 1.15 = 264.5$ mm

Use trays of 300mm width

b. Material & Finish

The atmospheric condition which prevails at the job-site is a primary factor in the selection of material and finish. In general selection is as follows:

- Stainless steel sheet.
- Hot-dip galvanizes after fabrication
- Electrode powder coating finish
- Galvanized Steel Sheet

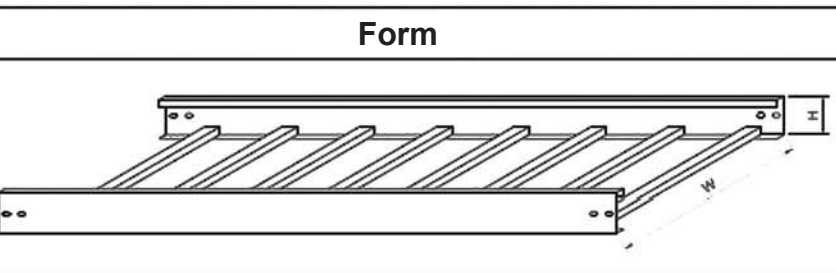
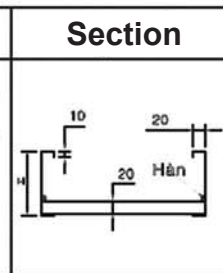
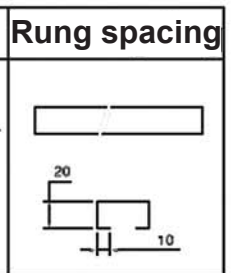
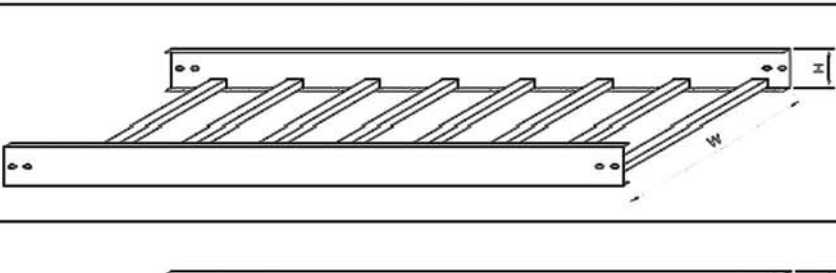
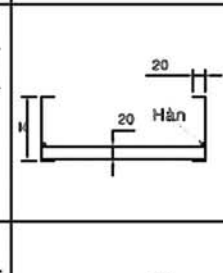
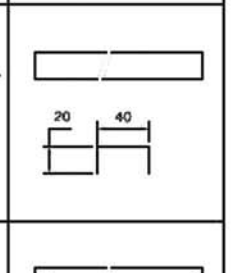
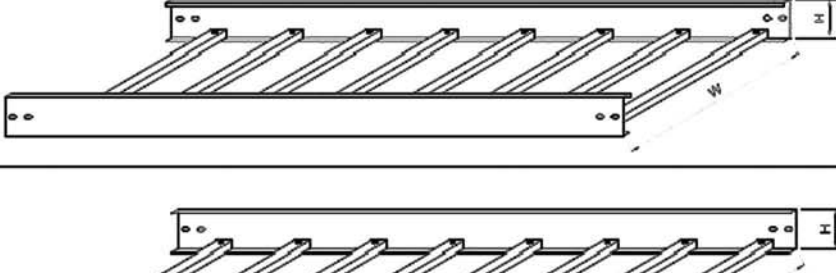
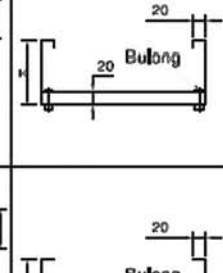
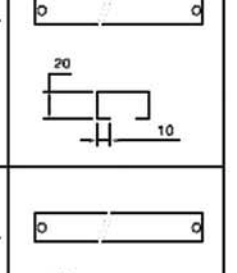
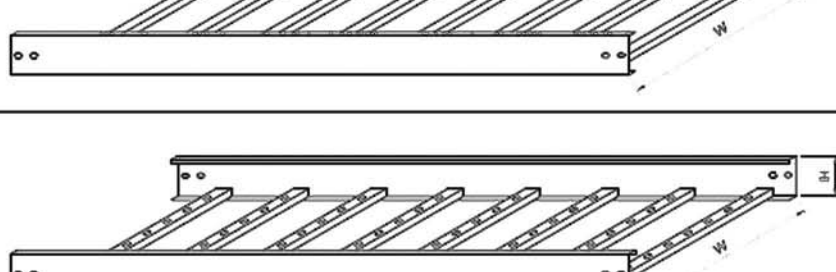
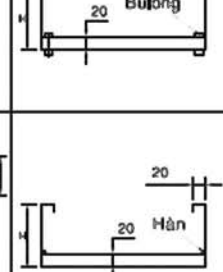
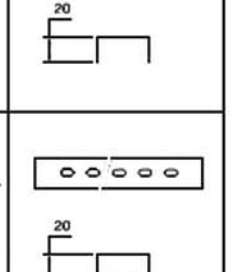
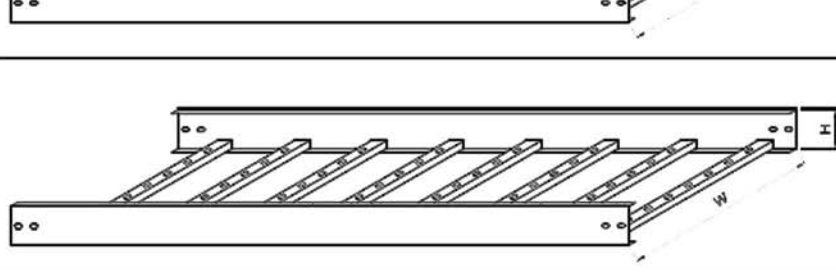
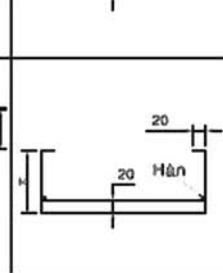
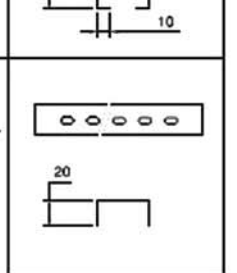
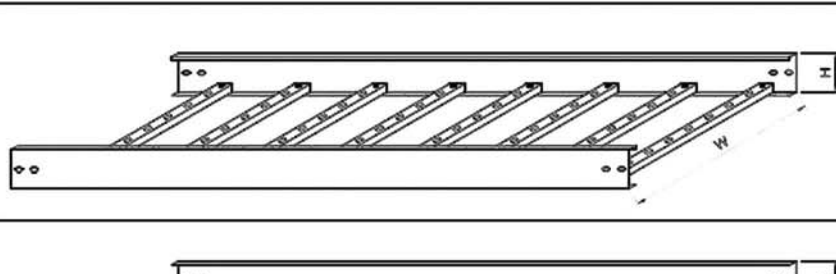
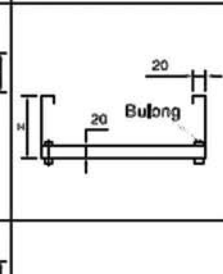
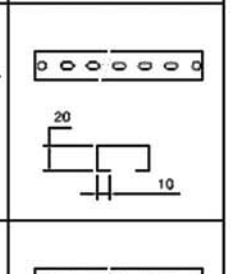
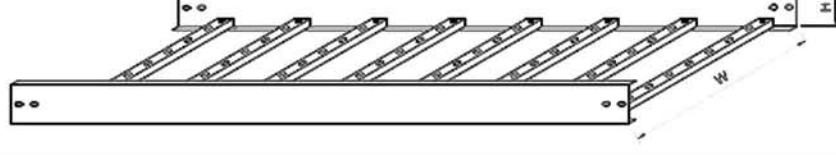
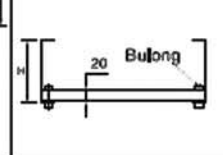
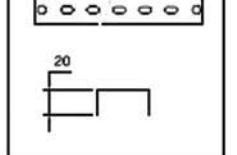



2. Supporting distance and accumulated cable weight

Tray standard supporting distance is 1.5m to 2m. Refer to the allowable static load table when mounting the trays in wider distances is inevitable. Use high strength types for holding heavy weight cables.

3. Protection of cables

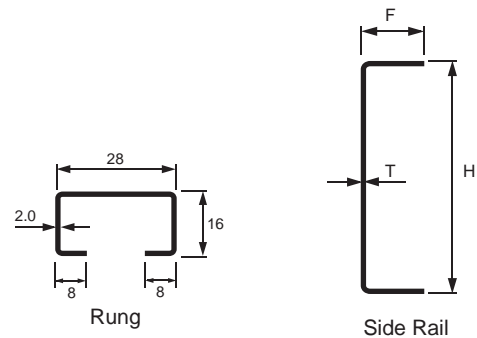
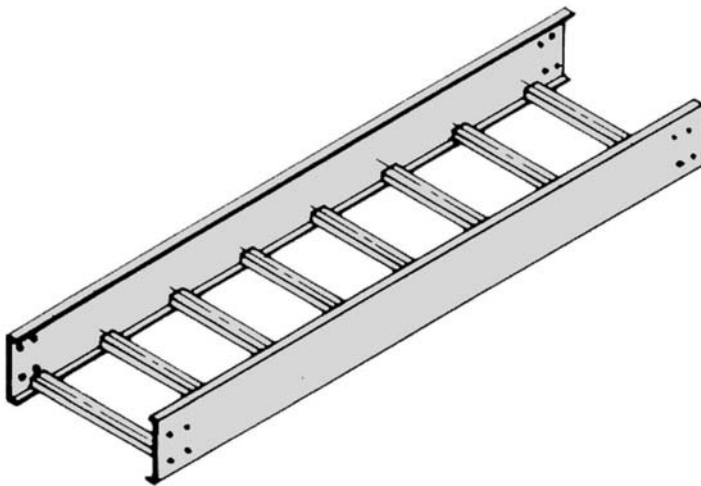
The cable tray exposes cables. It provides beauty to eyes and safe layout. If cables are collected into the tray in the big pile beyond the side rail the look is not nice and the more important point is danger. If a tray cannot contain all the cables to be mounted, select a tray that has a higher side rail. At places close to road where men walk frequently, put covers or bottom plates.

COMMON TYPES OF CABLE LADDER

Type	Form	Section	Rung spacing
A			
B			
C			
D			
E			
F			
G			
H			

Material thickness 1.0, 1.2, 1.5, 2.0

Material	: Hot rolled mild steel (JIS G3101 SS41) Stainless steel (SUS304 SUS316)
Welding	: Arc., CO2 or Ar welding
Standard length	: 2.4m, 3.0m Other dimension can be manufactured to order
Surface treatment	: Hot dip galvanized after fabrication Other surface treatment are available upon special requirement.



Catalog No.	Width	Rung Spacing
SE-TEK10-T20-1515	150	150
SE-TEK10-T20-1520		200
SE-TEK10-T20-1530		300
SE-TEK10-T20-2015	200	150
SE-TEK10-T20-2020		200
SE-TEK10-T20-2030		300
SE-TEK10-T20-3015	300	150
SE-TEK10-T20-3020		200
SE-TEK10-T20-3030		300
SE-TEK10-T20-4515	450	150
SE-TEK10-T20-4520		200
SE-TEK10-T20-4530		300
SE-TEK10-T20-6015	600	150
SE-TEK10-T20-6020		200
SE-TEK10-T20-6030		300
SE-TEK10-T20-7515	750	150
SE-TEK10-T20-7520		200
SE-TEK10-T20-7530		300
SE-TEK10-T20-9015	900	150
SE-TEK10-T20-9020		200
SE-TEK10-T20-9030		300

Cable Ladder numbering system

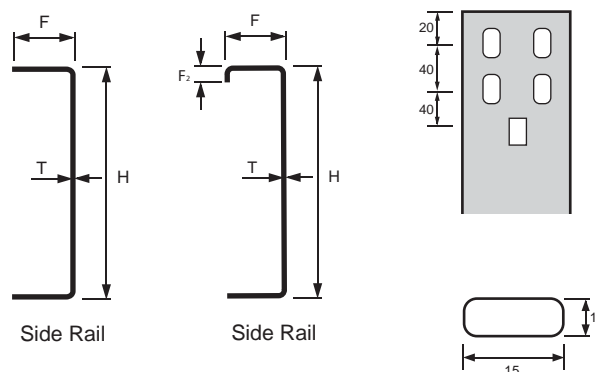
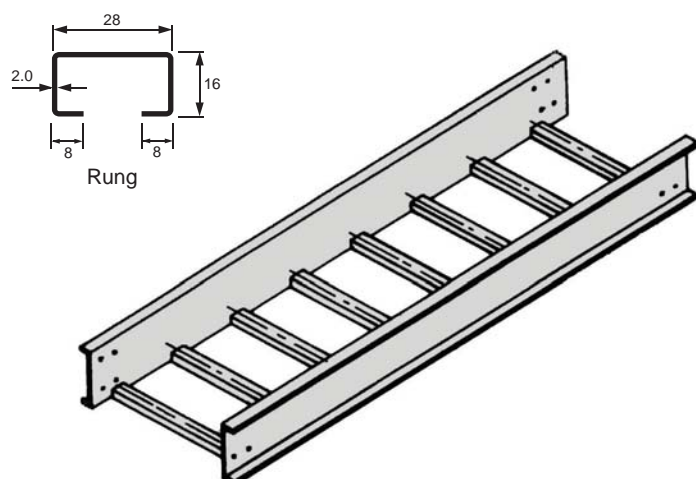
SE	: Cable Ladder
TEK10	: Side Rail Height
T20	: Side Rail Thickness
1520	15 : Wide
	20 : Rung Spacing

When you decide the type of side rail and rung please see table of side rail and rung

SIDE RAIL OUTSIDE TYPE

Material thickness 1.0, 1.2, 1.5, 2.0

Material	: Hot rolled mild steel (JIS G3101 SS41) Stainless steel (SUS304 SUS316)
Welding	: Arc., CO2 or Ar welding
Standard length	: 2.4m, 3.0m Other dimension can be manufactured to order
Surface treatment	: Hot dip galvanized after fabrication Other surface treatment are available upon special requirement.



Catalog No.	Width	Rung Spacing
SE-TEK O10-T20-1515	150	150
SE-TEK O10-T20-1520		200
SE-TEK O10-T20-1530		300
SE-TEK O10-T20-2015	200	150
SE-TEK O10-T20-2020		200
SE-TEK O10-T20-2030		300
SE-TEK O10-T20-3015	300	150
SE-TEK O10-T20-3020		200
SE-TEK O10-T20-3030		300
SE-TEK O10-T20-4515	450	150
SE-TEK O10-T20-4520		200
SE-TEK O10-T20-4530		300
SE-TEK O10-T20-6015	600	150
SE-TEK O10-T20-6020		200
SE-TEK O10-T20-6030		300
SE-TEK O10-T20-7515	750	150
SE-TEK O10-T20-7520		200
SE-TEK O10-T20-7530		300
SE-TEK O10-T20-9015	900	150
SE-TEK O10-T20-9020		200
SE-TEK O10-T20-9030		300

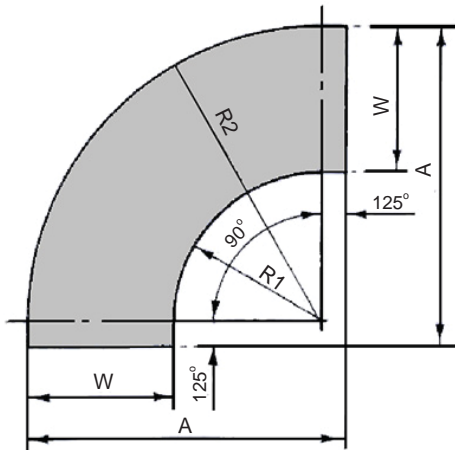
Cable Ladder numbering system

SE	: Cable Ladder
TEK10	: Side Rail Height
T20	: Side Rail Thickness
1520 15	: Wide
20	: Rung Spacing

When you decide the type of side rail and rung please see table of side rail and rung

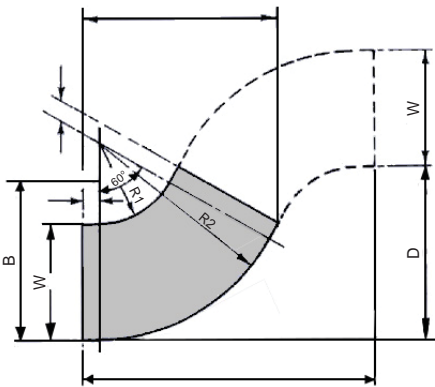
* Special shape, please contact to manufacturer

90° HORIZONTAL ELBOW



Catalog No.	Inside Width	R1	R2	R3
SE-TE10-T20-1530	150	300	450	575
SE-TE10-T20-1530		600	750	875
SE-TE10-T20-1530		900	1050	1175
SE-TE10-T20-2030	200	300	500	625
SE-TE10-T20-2030		600	800	925
SE-TE10-T20-2030		900	1100	1225
SE-TE10-T20-3030	300	300	600	725
SE-TE10-T20-3030		600	900	1025
SE-TE10-T20-3030		900	1200	1325
SE-TE10-T20-4530	450	300	750	875
SE-TE10-T20-4530		600	1050	1175
SE-TE10-T20-4530		900	1350	1475
SE-TE10-T20-6030	600	300	900	1025
SE-TE10-T20-6030		600	1200	1325
SE-TE10-T20-6030		900	1500	1625
SE-TE10-T20-7530	750	300	1050	1175
SE-TE10-T20-7530		600	1350	1475
SE-TE10-T20-7530		900	1650	1775
SE-TE10-T20-9030	900	300	1200	1325
SE-TE10-T20-9030		600	1500	1625
SE-TE10-T20-9030		900	1800	1925

60° HORIZONTAL ELBOW

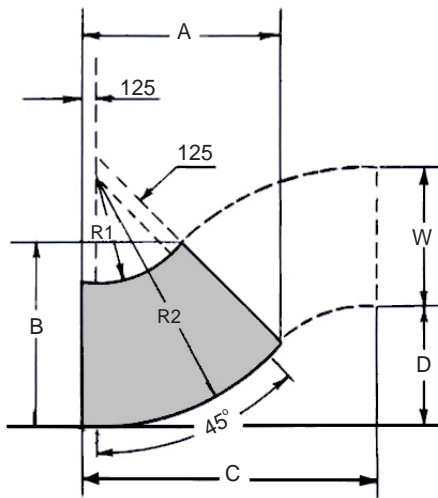


Catalog No.	Inside Width	R1	R2	A	B	C	D
SE-TE10-T20-1530	150	300	450	577	407	1024	592
SE-TE10-T20-1530		600	750	837	557	1544	892
SE-TE10-T20-1530		900	1050	1097	708	2063	1192
SE-TE10-T20-2030	200	300	500	627	494	1094	632
SE-TE10-T20-2030		600	800	925	640	1613	932
SE-TE10-T20-2030		900	1100	1225	799	2133	1232
SE-TE10-T20-3030	300	300	600	707	562	1154	667
SE-TE10-T20-3030		600	900	967	712	1284	742
SE-TE10-T20-3030		900	1200	1227	864	2194	1267
SE-TE10-T20-4530	450	300	750	837	712	1284	742
SE-TE10-T20-4530		600	1050	1097	864	1804	1042
SE-TE10-T20-4530		900	1350	1357	1013	2324	1342
SE-TE10-T20-6030	600	300	900	967	864	1414	817
SE-TE10-T20-6030		600	1200	1226	1013	1934	1117
SE-TE10-T20-6030		900	1500	1487	1162	2063	1192
SE-TE10-T20-7530	750	300	1050	1097	1013	1544	892
SE-TE10-T20-7530		600	1350	1357	1162	2063	1192
SE-TE10-T20-7530		900	1650	1616	1313	2583	1492
SE-TE10-T20-9030	900	300	1200	1227	1162	1674	967
SE-TE10-T20-9030		600	1500	1487	1313	2194	1267
SE-TE10-T20-9030		900	1800	1746	1463	2713	1567

Cable Ladder numbering system

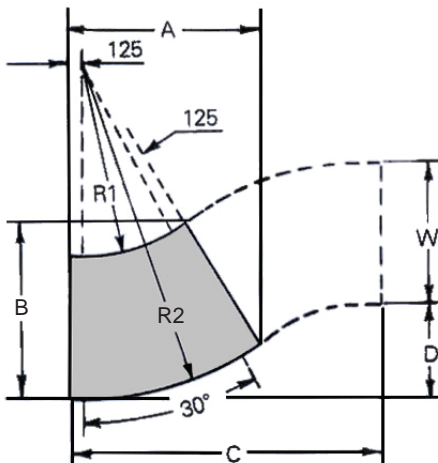
SE : Cable Ladder
 TE10 : Side Rail Height
 T20 : Side Rail Thickness
 1530 15 : Wide
 30 : Rung Spacing

45° HORIZONTAL ELBOW



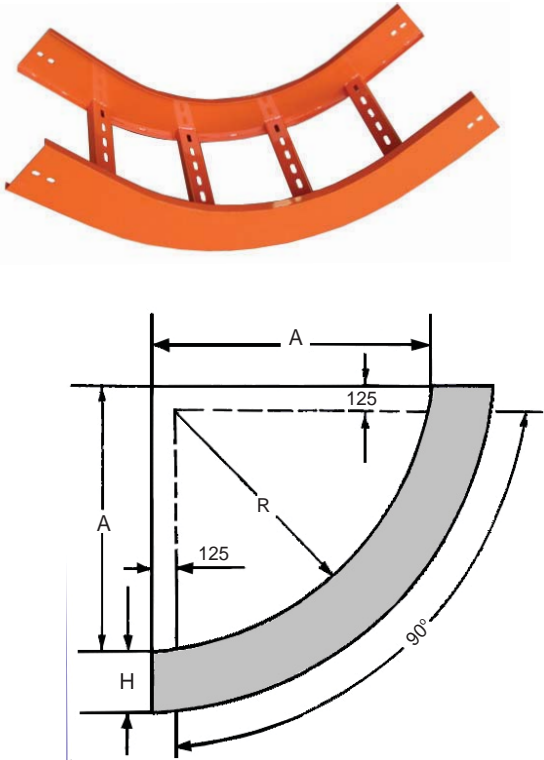
Catalog No.	Inside Width	R1	R2	A	B	C	D
SE-TE10-T20-1530	150	300	450	532	326	956	396
SE-TE10-T20-1530		600	750	744	414	1381	572
SE-TE10-T20-1530		900	1050	956	502	1806	748
SE-TE10-T20-2030	200	300	500	567	376	992	410
SE-TE10-T20-2030		600	800	779	464	1417	587
SE-TE10-T20-2030		900	1100	991	552	1841	763
SE-TE10-T20-3030	300	300	600	638	476	1063	440
SE-TE10-T20-3030		600	900	850	564	1487	616
SE-TE10-T20-3030		900	1200	1062	652	1911	792
SE-TE10-T20-4530	450	300	750	744	626	1169	484
SE-TE10-T20-4530		600	1050	1956	714	1593	660
SE-TE10-T20-4530		900	1350	1168	802	2018	836
SE-TE10-T20-6030	600	300	900	850	776	1275	528
SE-TE10-T20-6030		600	1200	1062	854	1699	704
SE-TE10-T20-6030		900	1500	1274	952	2124	880
SE-TE10-T20-7530	750	300	1050	956	926	7381	572
SE-TE10-T20-7530		600	1350	168	1014	1806	748
SE-TE10-T20-7530		900	1650	1380	1102	2230	924
SE-TE10-T20-9030	900	300	1200	1062	1076	1488	616
SE-TE10-T20-9030		600	1500	1274	1164	1912	792
SE-TE10-T20-9030		900	1800	1486	1252	2336	968

30° HORIZONTAL ELBOW



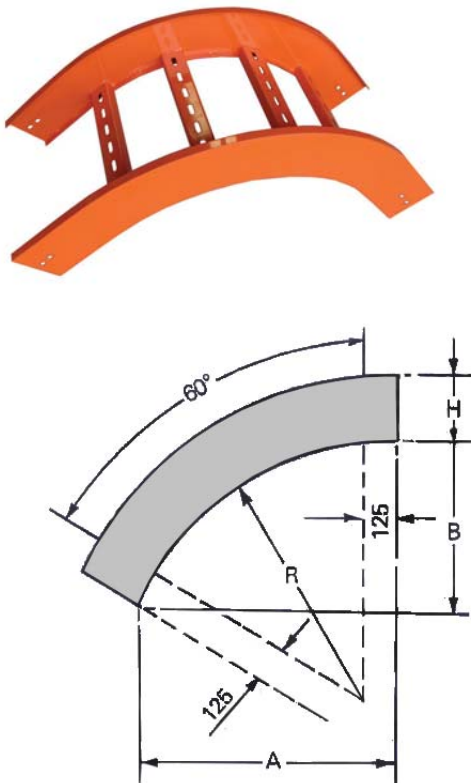
Catalog No.	Inside Width	R1	R2	A	B	C	D
SE-TE10-T20-1530	150	300	450	458	253	842	212
SE-TE10-T20-1530		600	750	608	293	1142	306
SE-TE10-T20-1530		900	1050	758	333	1442	387
SE-TE10-T20-2030	200	300	500	483	303	867	233
SE-TE10-T20-2030		600	800	633	3431	1166	313
SE-TE10-T20-2030		900	1100	783	383	1467	393
SE-TE10-T20-3030	300	300	600	533	403	917	246
SE-TE10-T20-3030		600	900	683	443	1217	326
SE-TE10-T20-3030		900	1200	833	483	1517	406
SE-TE10-T20-4530	450	300	750	608	553	992	266
SE-TE10-T20-4530		600	1050	758	593	1292	347
SE-TE10-T20-4530		900	1350	908	633	1582	427
SE-TE10-T20-6030	600	300	900	583	703	1064	287
SE-TE10-T20-6030		600	1200	833	743	1367	367
SE-TE10-T20-6030		900	1500	983	783	1667	447
SE-TE10-T20-7530	750	300	1050	983	783	1667	447
SE-TE10-T20-7530		600	1350	908	893	1442	387
SE-TE10-T20-7530		900	1650	1058	933	1742	467
SE-TE10-T20-9030	900	300	1200	833	1003	1217	326
SE-TE10-T20-9030		600	1500	833	1003	1217	326
SE-TE10-T20-9030		900	1800	1133	1083	1817	488

90° VERTICAL ELBOW



Catalog No.	Width	R	A
SE-VE10-T20-1530	150	300	425
SE-VE10-T20-1530		600	725
SE-VE10-T20-1530		900	1025
SE-VE10-T20-2030	200	300	425
SE-VE10-T20-2030		600	725
SE-VE10-T20-2030		900	1025
SE-VE10-T20-3030	300	300	425
SE-VE10-T20-3030		600	725
SE-VE10-T20-3030		900	1025
SE-VE10-T20-4530	450	300	425
SE-VE10-T20-4530		600	725
SE-VE10-T20-4530		900	1025
SE-VE10-T20-6030	600	300	425
SE-VE10-T20-6030		600	725
SE-VE10-T20-6030		900	1025
SE-VE10-T20-7530	750	300	425
SE-VE10-T20-7530		600	725
SE-VE10-T20-7530		900	1025
SE-VE10-T20-9030	900	300	425
SE-VE10-T20-9030		600	725
SE-VE10-T20-9030		900	1025

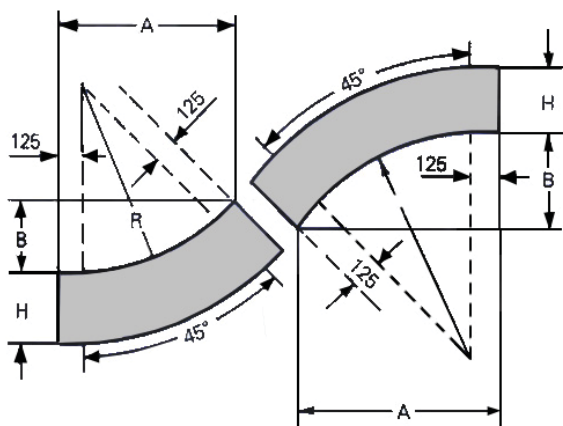
60° VERTICAL ELBOW



Catalog No.	Width	R	A	B
SE-VE10-T20-1520	150	300	447	256
SE-VE10-T20-1520		600	707	408
SE-VE10-T20-1520		900	967	560
SE-VE10-T20-2020	200	300	447	256
SE-VE10-T20-2020		600	707	408
SE-VE10-T20-2020		900	967	560
SE-VE10-T20-3020	300	300	447	256
SE-VE10-T20-3020		600	707	408
SE-VE10-T20-3020		900	967	560
SE-VE10-T20-4520	450	300	447	256
SE-VE10-T20-4520		600	707	408
SE-VE10-T20-4520		900	967	560
SE-VE10-T20-6020	600	300	447	256
SE-VE10-T20-6020		600	707	408
SE-VE10-T20-6020		900	967	560
SE-VE10-T20-7520	750	300	447	256
SE-VE10-T20-7520		600	707	408
SE-VE10-T20-7520		900	967	560
SE-VE10-T20-9020	900	300	447	256
SE-VE10-T20-9020		600	707	408
SE-VE10-T20-9020		900	967	560

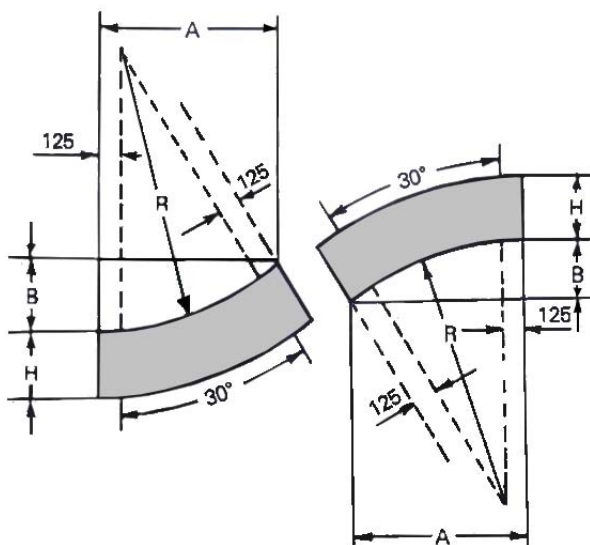
VERTICAL ELBOW

45° VERTICAL ELBOW

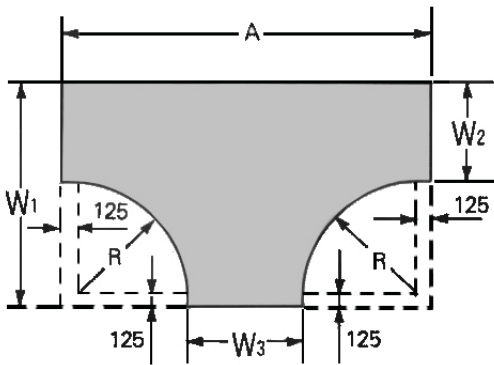


Catalog No.	Width	R	A	B
SE-VE10-T20-1530	150	300	426	166
SE-VE10-T20-1530		600	638	258
SE-VE10-T20-1530		900	850	350
SE-VE10-T20-2030	200	300	426	166
SE-VE10-T20-2030		600	638	258
SE-VE10-T20-2030		900	850	350
SE-VE10-T20-3030	300	300	426	166
SE-VE10-T20-3030		600	638	258
SE-VE10-T20-3030		900	850	350
SE-VE10-T20-4530	450	300	426	166
SE-VE10-T20-4530		600	638	258
SE-VE10-T20-4530		900	850	350
SE-VE10-T20-6030	600	300	426	166
SE-VE10-T20-6030		600	638	258
SE-VE10-T20-6030		900	850	350
SE-VE10-T20-7530	750	300	426	166
SE-VE10-T20-7530		600	638	258
SE-VE10-T20-7530		900	850	350
SE-VE10-T20-9030	900	300	426	166
SE-VE10-T20-9030		600	638	258
SE-VE10-T20-9030		900	850	350

30° VERTICAL ELBOW

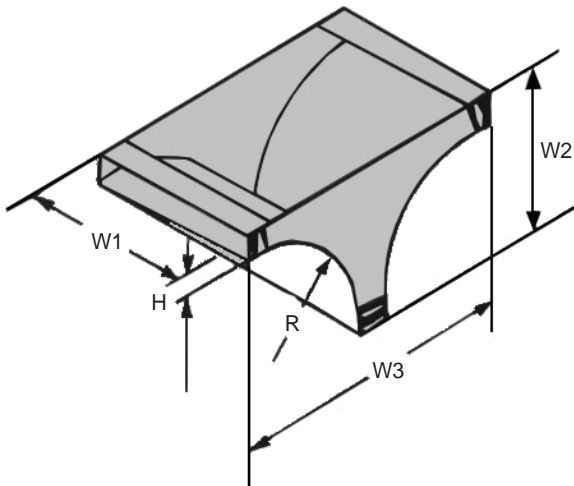


Catalog No.	Width	R	A	B
SE-VE10-T20-1530	150	300	383	97
SE-VE10-T20-1530		600	533	143
SE-VE10-T20-1530		900	683	189
SE-VE10-T20-2030	200	300	383	97
SE-VE10-T20-2030		600	533	143
SE-VE10-T20-2030		900	683	189
SE-VE10-T20-3030	300	300	383	97
SE-VE10-T20-3030		600	533	143
SE-VE10-T20-3030		900	683	189
SE-VE10-T20-4530	450	300	383	97
SE-VE10-T20-4530		600	533	143
SE-VE10-T20-4530		900	683	189
SE-VE10-T20-6030	600	300	383	97
SE-VE10-T20-6030		600	533	143
SE-VE10-T20-6030		900	683	189
SE-VE10-T20-7530	750	300	383	97
SE-VE10-T20-7530		600	533	143
SE-VE10-T20-7530		900	683	189
SE-VE10-T20-9030	900	300	383	97
SE-VE10-T20-9030		600	533	143
SE-VE10-T20-9030		900	683	189



Catalog No.	Width	R	A	B
SE-HT10-T20-15	150	300	1000	575
SE-HT10-T20-15		600	1600	875
SE-HT10-T20-15		900	2200	1175
SE-HT10-T20-20	200	300	1080	655
SE-HT10-T20-20		600	1680	955
SE-HT10-T20-20		900	2280	1255
SE-HT10-T20-30	300	300	1150	725
SE-HT10-T20-30		600	1750	1025
SE-HT10-T20-30		900	2350	1325
SE-HT10-T20-45	450	300	1300	875
SE-HT10-T20-45		600	1900	1175
SE-HT10-T20-45		900	2500	1475
SE-HT10-T20-60	600	300	1450	1025
SE-HT10-T20-60		600	2050	1325
SE-HT10-T20-60		900	2650	1625
SE-HT10-T20-75	750	300	1600	1175
SE-HT10-T20-75		600	2200	1475
SE-HT10-T20-75		900	2800	1775
SE-HT10-T20-90	900	300	1750	1325
SE-HT10-T20-90		600	2350	1625
SE-HT10-T20-90		900	2950	1925

VERTICAL TEE

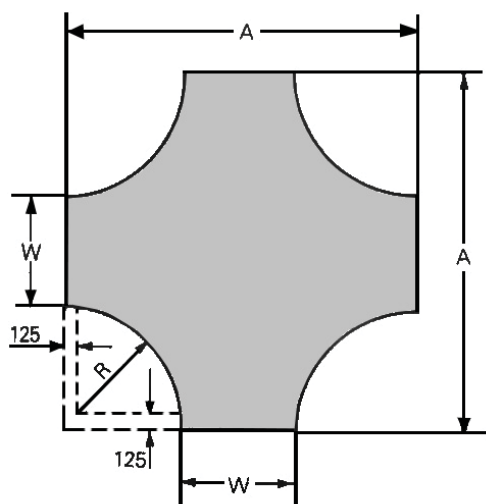


Catalog No.	Width	R	A	B
SE-VT10-T20-15	150	300	965	540
SE-VT10-T20-15		600	1565	840
SE-VT10-T20-15		900	2165	1140
SE-VT10-T20-20	200	300	965	540
SE-VT10-T20-20		600	1565	840
SE-VT10-T20-20		900	2165	1140
SE-VT10-T20-30	300	300	965	540
SE-VT10-T20-30		600	1565	840
SE-VT10-T20-30		900	2165	1140
SE-VT10-T20-45	450	300	965	540
SE-VT10-T20-45		600	1565	840
SE-VT10-T20-45		900	2165	1140
SE-VT10-T20-60	600	300	965	540
SE-VT10-T20-60		600	1565	840
SE-VT10-T20-60		900	2165	1140
SE-VT10-T20-75	750	300	965	540
SE-VT10-T20-75		600	1565	840
SE-VT10-T20-75		900	2165	1140
SE-VT10-T20-90	900	300	965	540
SE-VT10-T20-90		600	1565	840
SE-VT10-T20-90		900	2165	1140

Cable Ladder numbering system

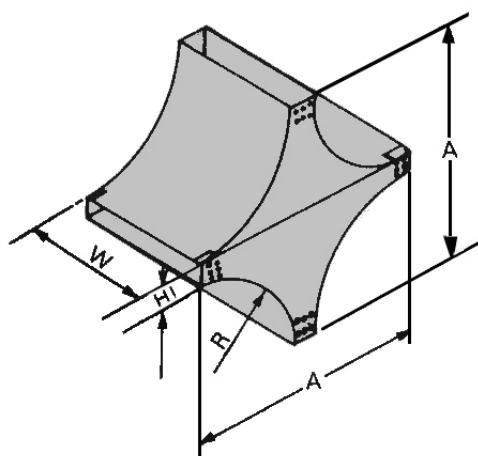
SE : Cable Ladder
 VT10 : Side Rail Height (Ver Tee)
 T20 : Side Rail Thickness
 151515 15: W1
 15: W2
 15: W3

HORIZONTAL CROSS



Catalog No.	Width	R	A
SE-HC10-T20-15	150	300	1000
SE-HC10-T20-15		600	1600
SE-HC10-T20-15		900	2200
SE-HC10-T20-20	200	300	1080
SE-HC10-T20-20		600	1680
SE-HC10-T20-20		900	2280
SE-HC10-T20-30	300	300	1150
SE-HC10-T20-30		600	1750
SE-HC10-T20-30		900	2350
SE-HC10-T20-45	450	300	1300
SE-HC10-T20-45		600	1900
SE-HC10-T20-45		900	2500
SE-HC10-T20-60	600	300	1450
SE-HC10-T20-60		600	2050
SE-HC10-T20-60		900	2560
SE-HC10-T20-75	750	300	1600
SE-HC10-T20-75		600	2200
SE-HC10-T20-75		900	2800
SE-HC10-T20-90	900	300	1750
SE-HC10-T20-90		600	2350
SE-HC10-T20-90		900	2950

VERTICAL CROSS

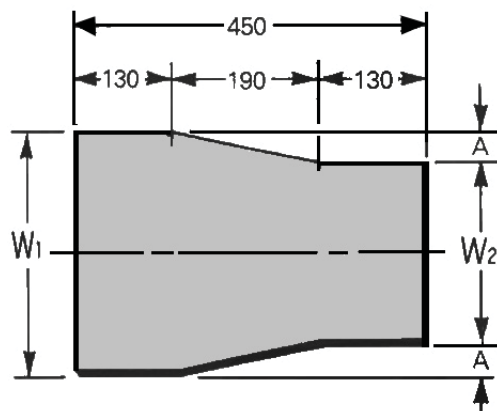


Catalog No.	Width	R	A
SE-VC10-T20-15	150	300	965
SE-VC10-T20-15		600	1565
SE-VC10-T20-15		900	2165
SE-VC10-T20-20	200	300	965
SE-VC10-T20-20		600	1565
SE-VC10-T20-20		900	2165
SE-VC10-T20-30	300	300	965
SE-VC10-T20-30		600	1565
SE-VC10-T20-30		900	2165
SE-VC10-T20-45	450	300	965
SE-VC10-T20-45		600	1565
SE-VC10-T20-45		900	2165
SE-VC10-T20-60	600	300	965
SE-VC10-T20-60		600	1565
SE-VC10-T20-60		900	2165
SE-VC10-T20-75	750	300	965
SE-VC10-T20-75		600	1565
SE-VC10-T20-75		900	2165
SE-VC10-T20-90	900	300	965
SE-VC10-T20-90		600	1565
SE-VC10-T20-90		900	2165

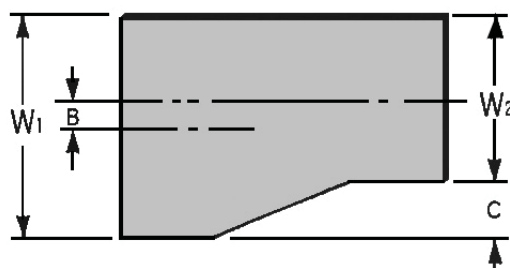
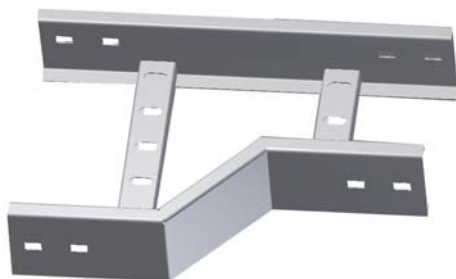
Cable Ladder numbering system

SE	: Cable Ladder
VT10	: Side Rail Height (Ver Tee)
T20	: Side Rail Thickness
15	: Wide

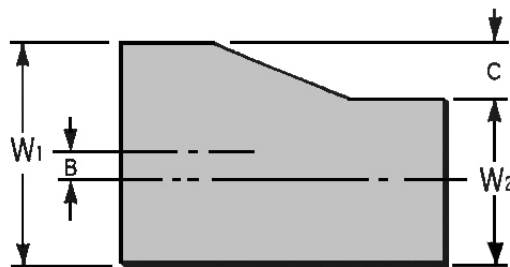
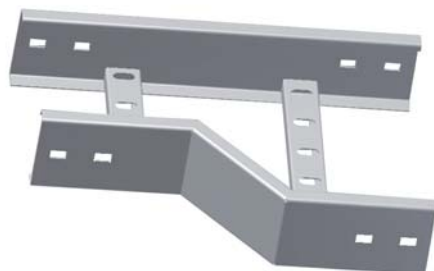
STRAIGHT REDUCER



LEFT HAND REDUCER



RIGHT HAND REDUCER



Catalog No. Straight	Catalog No. Left	Catalog No. Right	W ₁	W ₂
SE-RD10-S-T20-2015	SE-RD10-L-T20-2015	SE-RD10-R-T20-2015	200	150
SE-RD10-S-T20-3015	SE-RD10-L-T20-3015	SE-RD10-R-T20-3015	300	150
SE-RD10-S-T20-3020	SE-RD10-L-T20-3020	SE-RD10-R-T20-3020		200
SE-RD10-S-T20-4515	SE-RD10-L-T20-4515	SE-RD10-R-T20-4515	450	150
SE-RD10-S-T20-4520	SE-RD10-L-T20-4520	SE-RD10-R-T20-4520		200
SE-RD10-S-T20-4530	SE-RD10-L-T20-4530	SE-RD10-R-T20-4530		300
SE-RD10-S-T20-6015	SE-RD10-L-T20-6015	SE-RD10-R-T20-6015	600	150
SE-RD10-S-T20-6020	SE-RD10-L-T20-6020	SE-RD10-R-T20-6020		200
SE-RD10-S-T20-6030	SE-RD10-L-T20-6030	SE-RD10-R-T20-6030		300
SE-RD10-S-T20-6045	SE-RD10-L-T20-6045	SE-RD10-R-T20-6045		450

CABLE TRAY



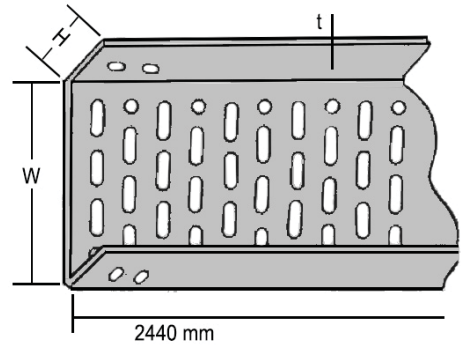
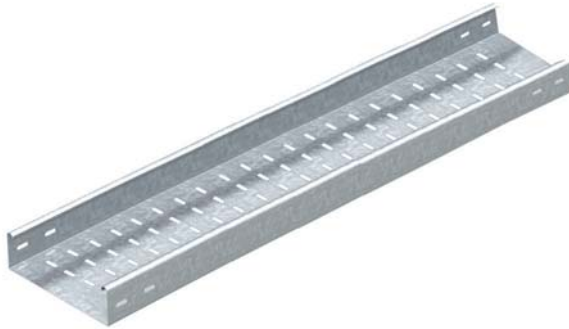
CABLE TRAY

1. Lengths of straight section – 2.4m plus or minus 3mm not including connectors if attached.
2. Widths – 150, 200, 300, 450 and 600mm plus or minus 3.0, 6.0mm inside dimension.
3. Depths-Outside depths shall be 15 and 20mm plus or minus 3.0mm
4. Radius 300, 600 and 900mm.
5. Degree of Arc for Bends – 30, 40, 60 and 90 degrees
6. Bottom-The bottom is punched.

Material : SS41 steel

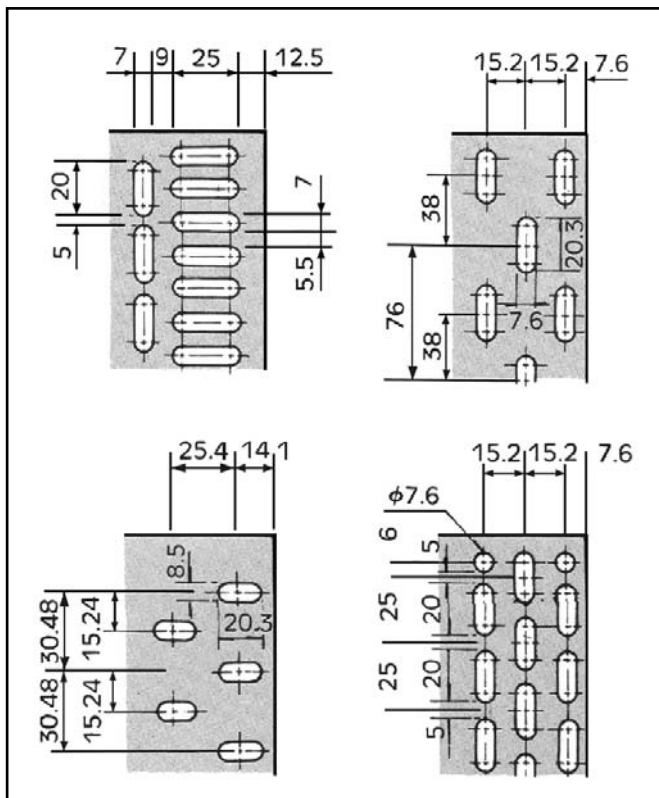
Standard length : 2.4m, 3.0m

Finished: Hot dip galvanized after fabrication in accordance with or painting



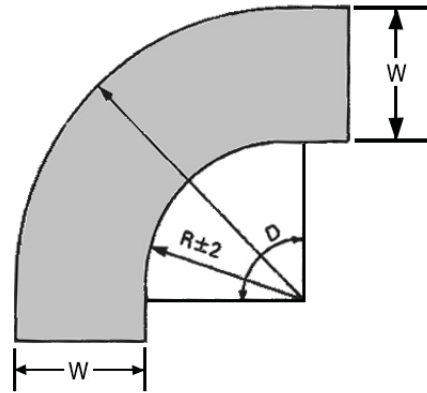
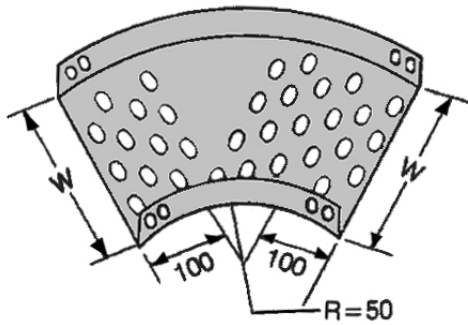
A TYPE	B TYPE
C TYPE	D TYPE

Shape of punched tray	H	F	F
A	50		
	75		
	100		
B	150		
	50	15	
	75	20	
C	100	20	
	150	20	
	50	9	10
D	75	9	10
	100	9	10
	150	9	10
D	50	20	10
	75	20	10
	100	20,32	10
	150	20,32	10

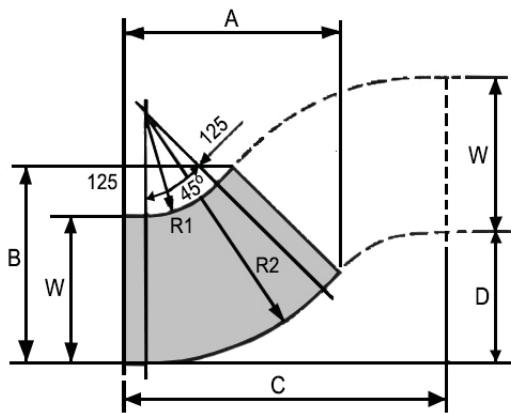


Catalog No.	Width	Available thickness
PD-SB10-T20-10	100	2.0 ^t , 2.3 ^t , 2.6 ^t
PD-SB10-T20-15	150	
PD-SB10-T20-20	200	
PD-SB10-T20-30	300	2.3 ^t , 2.6 ^t
PD-SB10-T20-40	400	
PD-SB10-T20-60	600	2.6 ^t
PD-SB10-T20-75	750	
PD-SB10-T20-90	900	

90° HORIZONTAL ELBOW



45° HORIZONTAL ELBOW

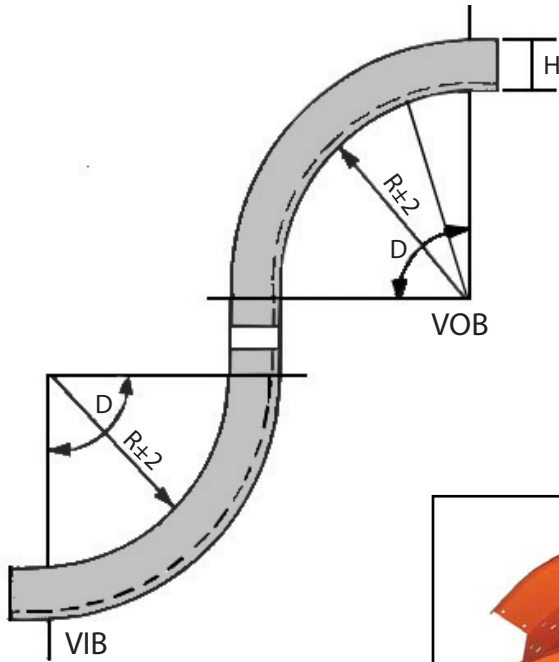


Catalogue No	Width
SE-HE10-T20-10	100
SE-HE10-T20-15	150
SE-HE10-T20-20	200
SE-HE10-T20-30	300
SE-HE10-T20-45	450
SE-HE10-T20-60	600

Cable Tray numbering system

- SE : Cable Tray
- VT10 : Side Rail Height (Hor Elbow)
- T20 : Side Rail Thickness
- 10 : Wide

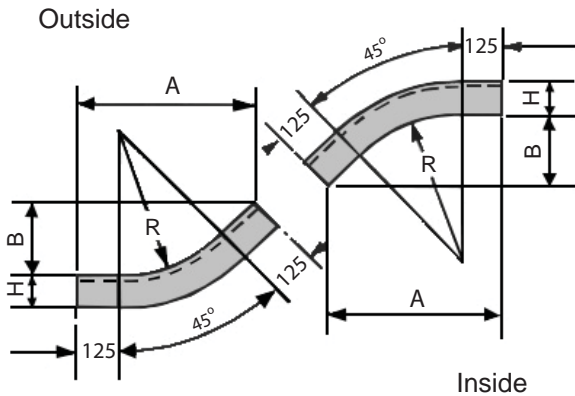
90° VERTICAL ELBOW



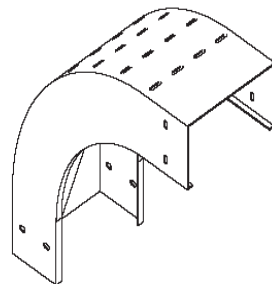
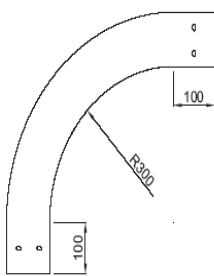
Catalog No. Inside Bend	Width	Catalog No. Outside Bend
SE-VE10-IT20-10	100	SE-VE10-OT20-10
SE-VE10-IT20-15	150	SE-VE10-OT20-15
SE-VE10-IT20-20	200	SE-VE10-OT20-20
SE-VE10-IT20-30	300	SE-VE10-OT20-30
SE-VE10-IT20-45	450	SE-VE10-OT20-45
SE-VE10-IT20-60	600	SE-VE10-OT20-60



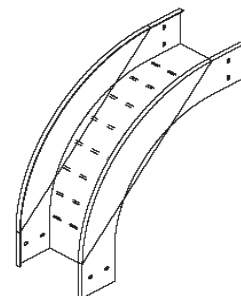
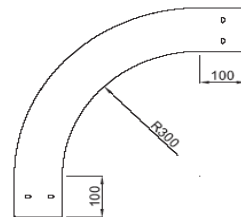
45° VERTICAL ELBOW



Catalog No. Inside Bend	Width	Catalog No. Outside Bend
SE-VE10-IT20-10	100	SE-VE10-OT20-10
SE-VE10-IT20-15	150	SE-VE10-OT20-15
SE-VE10-IT20-20	200	SE-VE10-OT20-20
SE-VE10-IT20-30	300	SE-VE10-OT20-30
SE-VE10-IT20-45	450	SE-VE10-OT20-45
SE-VE10-IT20-60	600	SE-VE10-OT20-60

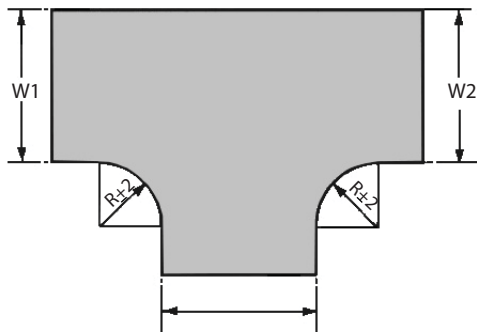


INTERNAL RISER



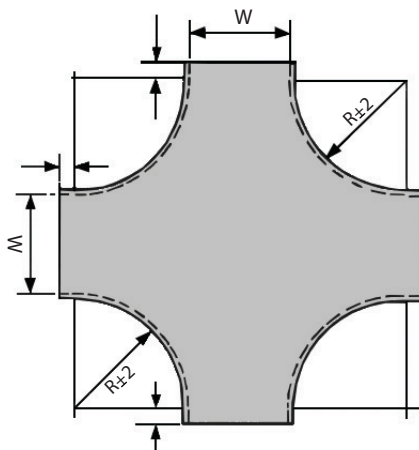
EXTERNAL RISER

HORIZONTAL TEE



Catalogue No	Width
SE-HT10-T20-101010	100
SE-HT10-T20-101010	150
SE-HT10-T20-101010	200
SE-HT10-T20-101010	300
SE-HT10-T20-101010	450
SE-HT10-T20-101010	600

HORIZONTAL CROSS



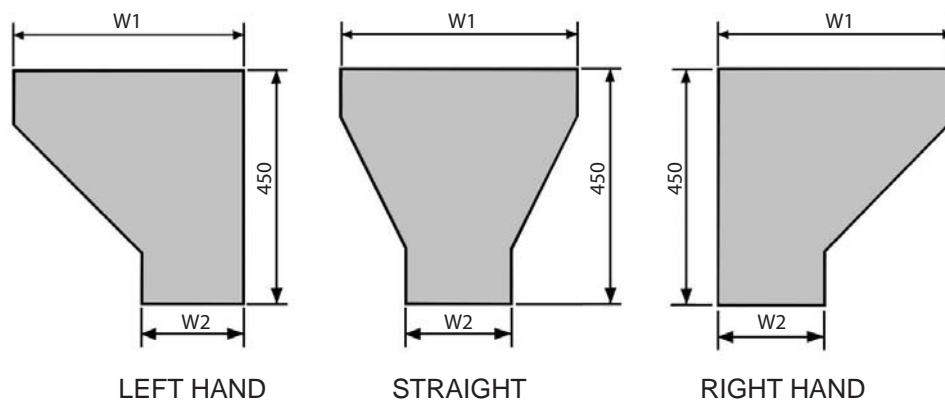
Catalogue No	Width
SE-HC10-T20-10	100
SE-HC10-T20-10	150
SE-HC10-T20-10	200
SE-HC10-T20-10	300
SE-HC10-T20-10	450
SE-HC10-T20-10	600

Cable Tray numbering system

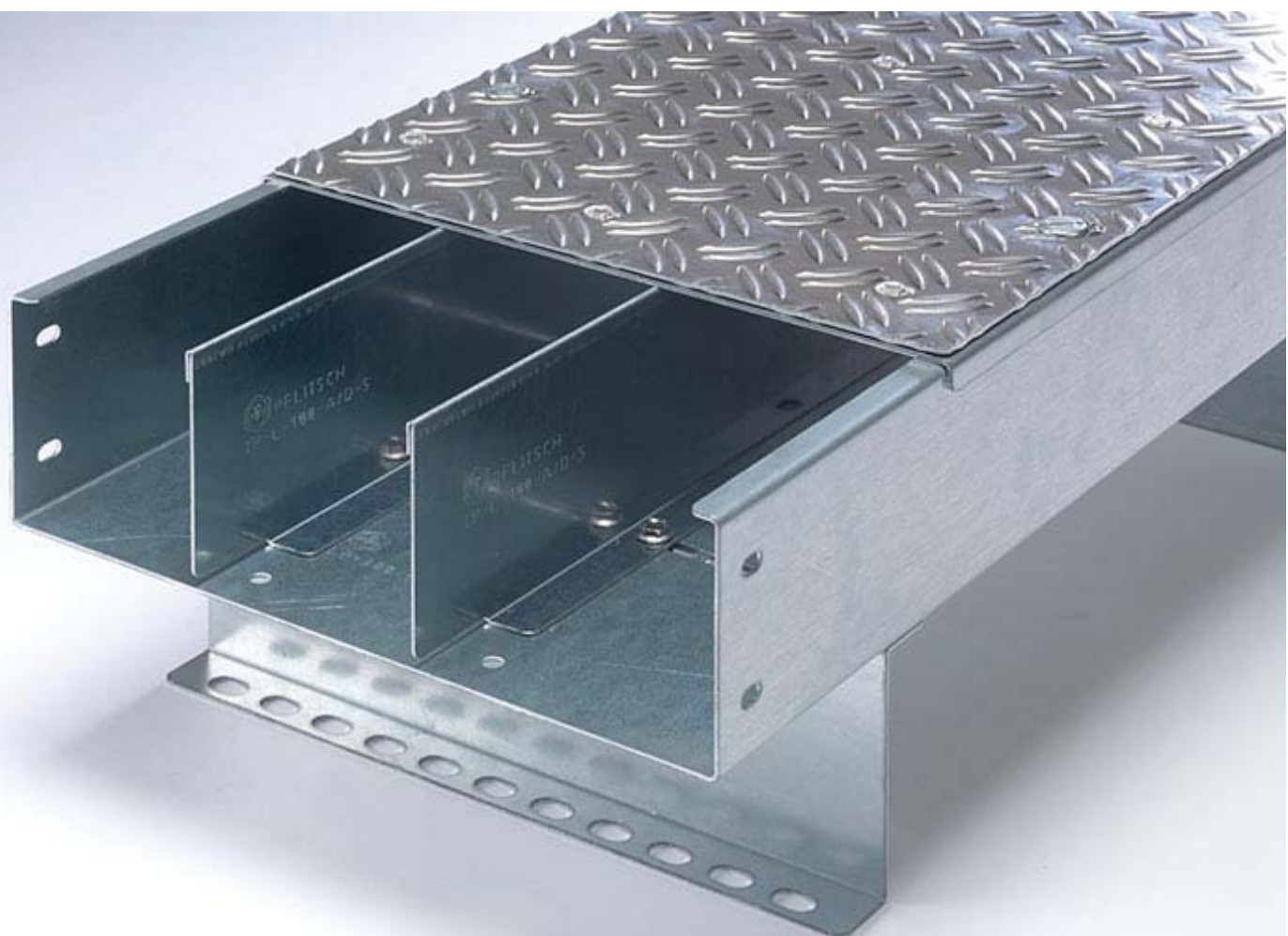
SE : Cable Tray Punched
 VT10 : Side Rail Height (Hor Cross)
 T20 : Side Rail Thickness
 10 : W1



REDUCER



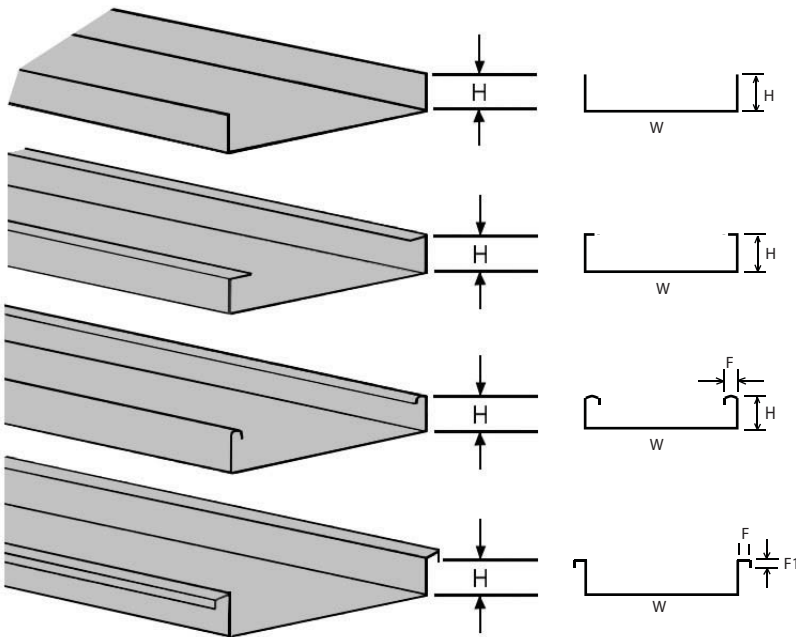
CABLE DUCT



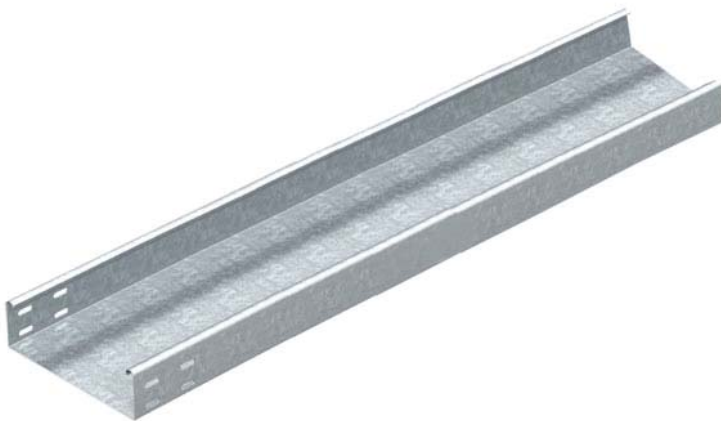
CABLE DUCT

Material	: Hot rolled mild steel (JIS G3101 SS41) Stainless steel (SUS304 SUS316)
Welding	: Arc., CO2 or Ar welding
Standard length	: 2.4m, 3.0m Other dimension can be manufactured to order
Surface treatment	: Hot dip galvanized after fabrication Orther surface treatment are available upon

TYPE OF CABLE DUCT

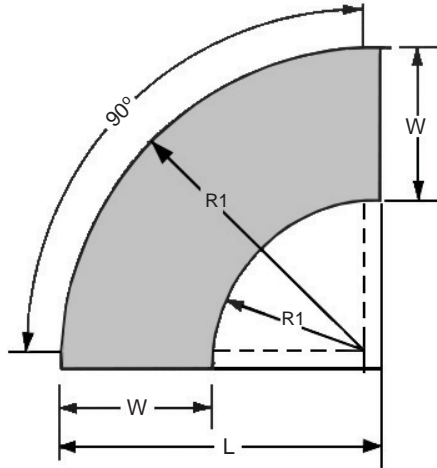


Type of Solid Bottom Tray	H	F	F ₁
A	50		
	75		
	100		
	150		
B	50	15	
	75	20	
	100	20	
	150	20	
C	50	9	10
	75	9	10
	100	9	10
	150	9	10
D	50	20	12
	75	20	12
	100	20.32	12
	150	20.32	12



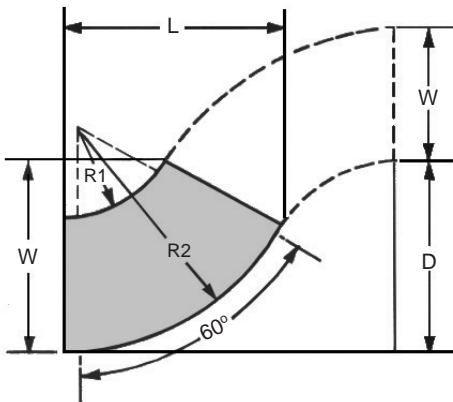
Catalogue No	Width	Depth
SE-SB10-T20-10	100	50
SE-SB10-T20-15	150	100
SE-SB10-T20-20	200	150
SE-SB10-T20-30	300	200
SE-SB10-T20-45	450	250
SE-SB10-T20-60	600	300
SE-SB10-T20-90	900	450

90° HORIZONTAL ELBOW



Catalog No.	Width	R1	R2	L
SE-HE10-T20-15	150	300	450	575
SE-HE10-T20-15		600	750	875
SE-HE10-T20-15		900	1050	1175
SE-HE10-T20-20	200	300	520	635
SE-HE10-T20-20		600	810	935
SE-HE10-T20-20		900	1130	1235
SE-HE10-T20-30	300	300	600	725
SE-HE10-T20-30		600	900	1025
SE-HE10-T20-30		900	1200	1325
SE-HE10-T20-45	450	300	750	875
SE-HE10-T20-45		600	1050	1175
SE-HE10-T20-45		900	1350	1475
SE-HE10-T20-60	600	300	900	1025
SE-HE10-T20-60		600	1200	1325
SE-HE10-T20-60		900	1500	1625
SE-HE10-T20-75	750	300	1050	1175
SE-HE10-T20-75		600	1350	1475
SE-HE10-T20-75		900	1650	1775
SE-HE10-T20-90	900	300	1200	1325
SE-HE10-T20-90		600	1500	1625
SE-HE10-T20-90		900	1800	1925

60° HORIZONTAL ELBOW

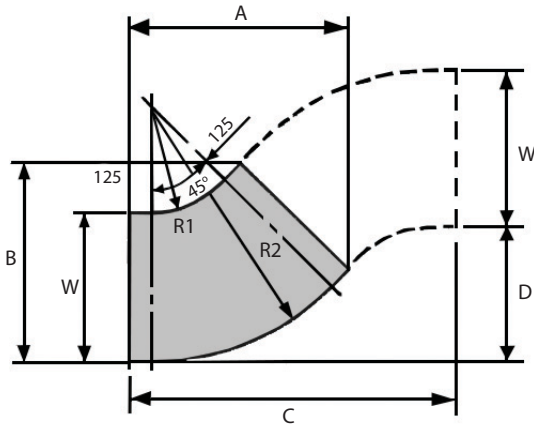


Catalog No.	Width	R1	R2	L	D
SE-HE10-T20-15	150	300	450	577	592
SE-HE10-T20-15		600	750	837	897
SE-HE10-T20-15		900	1050	1097	1192
SE-HE10-T20-20	200	300	520	620	616
SE-HE10-T20-20		600	810	880	916
SE-HE10-T20-20		900	1130	1140	1216
SE-HE10-T20-30	300	300	600	707	667
SE-HE10-T20-30		600	900	967	967
SE-HE10-T20-30		900	1200	1227	1267
SE-HE10-T20-45	450	300	750	837	742
SE-HE10-T20-45		600	1050	1097	1042
SE-HE10-T20-45		900	1350	1357	1342
SE-HE10-T20-60	600	300	900	967	817
SE-HE10-T20-60		600	1200	1227	1117
SE-HE10-T20-60		900	1500	1487	1417
SE-HE10-T20-75	750	300	1050	1097	892
SE-HE10-T20-75		600	1350	1357	1192
SE-HE10-T20-75		900	1650	1617	1492
SE-HE10-T20-90	900	300	1200	1227	967
SE-HE10-T20-90		600	1500	1487	1267
SE-HE10-T20-90		900	1800	1747	1822

Cable Duct numbering system

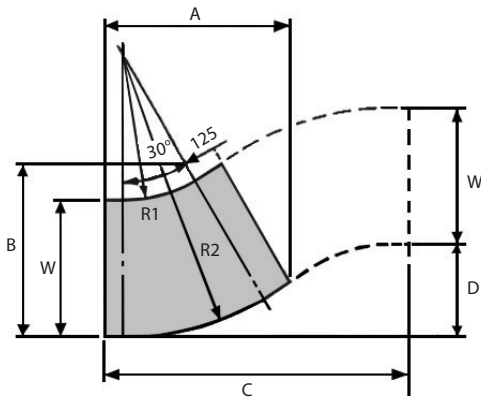
SE : Cable Duct
 HE10 : Side Rail Height (Hor Elbow)
 T20 : Side Rail Thickness
 15 : Wide

45° HORIZONTAL ELBOW



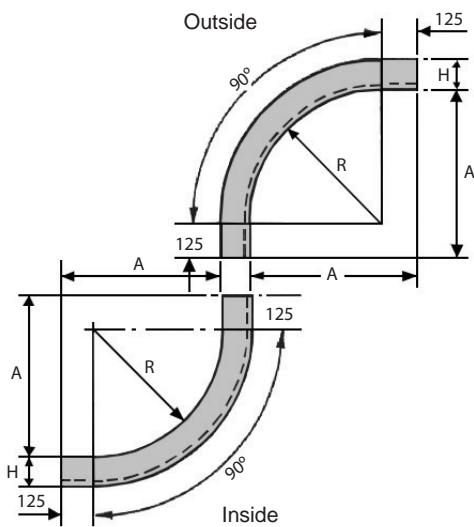
Catalog No.	Width	R1	R2	A	B
SE-HE10-T20-15	150	300	450	532	326
SE-HE10-T20-15		600	750	744	414
SE-HE10-T20-15		900	1050	956	502
SE-HE10-T20-20	200	300	500	567	376
SE-HE10-T20-20		600	800	779	464
SE-HE10-T20-20		900	1100	991	552
SE-HE10-T20-30	300	300	600	638	476
SE-HE10-T20-30		600	900	859	564
SE-HE10-T20-30		900	1200	1062	652
SE-HE10-T20-45	450	300	750	744	626
SE-HE10-T20-45		600	1050	956	714
SE-HE10-T20-45		900	1350	1168	802
SE-HE10-T20-60	600	300	900	850	776
SE-HE10-T20-60		600	1200	1062	864
SE-HE10-T20-60		900	1500	1274	952
SE-HE10-T20-75	750	300	1050	956	926
SE-HE10-T20-75		600	1350	1168	1014
SE-HE10-T20-75		900	1650	1380	1102

30° HORIZONTAL ELBOW



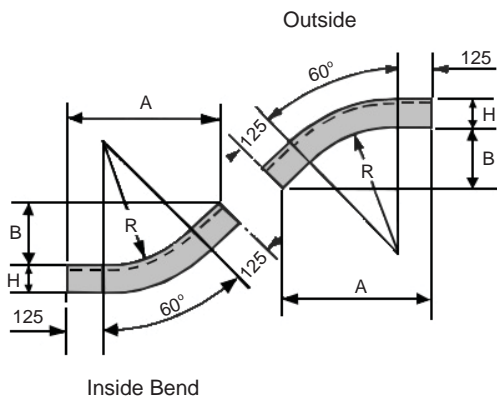
Catalog No.	Width	R1	R2	A	B
SE-HE10-T20-15	150	300	450	458	253
SE-HE10-T20-15		600	750	608	293
SE-HE10-T20-15		900	1050	753	333
SE-HE10-T20-20	200	300	500	433	303
SE-HE10-T20-20		600	800	633	343
SE-HE10-T20-20		900	1100	783	383
SE-HE10-T20-30	300	300	600	533	403
SE-HE10-T20-30		600	900	693	443
SE-HE10-T20-30		900	1200	833	483
SE-HE10-T20-45	450	300	750	608	553
SE-HE10-T20-45		600	1050	758	593
SE-HE10-T20-45		900	1350	908	633
SE-HE10-T20-60	600	300	900	683	703
SE-HE10-T20-60		600	1200	833	743
SE-HE10-T20-60		900	1500	983	783
SE-HE10-T20-75	750	300	1050	758	853
SE-HE10-T20-75		600	1350	908	893
SE-HE10-T20-75		900	1650	1058	933

90° VERTICAL ELBOW

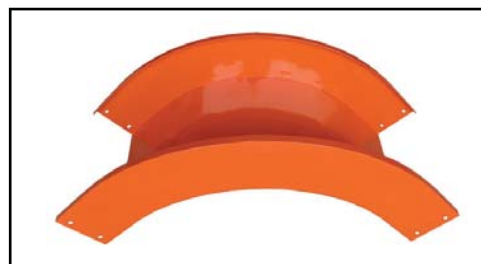


Catalog No. Inside Bend	Width	R	A	Catalog No. Outside Bend
SE-VE10-IT20-15	150	300	425	SE-VE10-OT20-15
SE-VE10-IT20-15		600	725	SE-VE10-OT20-15
SE-VE10-IT20-15		900	1025	SE-VE10-OT20-15
SE-VE10-IT20-20	200	300	425	SE-VE10-OT20-20
SE-VE10-IT20-20		600	725	SE-VE10-OT20-20
SE-VE10-IT20-20		900	1025	SE-VE10-OT20-20
SE-VE10-IT20-30	300	300	425	SE-VE10-OT20-30
SE-VE10-IT20-30		600	725	SE-VE10-OT20-30
SE-VE10-IT20-30		900	1025	SE-VE10-OT20-30
SE-VE10-IT20-45	450	300	425	SE-VE10-OT20-45
SE-VE10-IT20-45		600	725	SE-VE10-OT20-45
SE-VE10-IT20-45		900	1025	SE-VE10-OT20-45
SE-VE10-IT20-60	600	300	425	SE-VE10-OT20-60
SE-VE10-IT20-60		600	725	SE-VE10-OT20-60
SE-VE10-IT20-60		900	1025	SE-VE10-OT20-60
SE-VE10-IT20-75	750	300	425	SE-VE10-OT20-75
SE-VE10-IT20-75		600	725	SE-VE10-OT20-75
SE-VE10-IT20-75		900	1025	SE-VE10-OT20-75

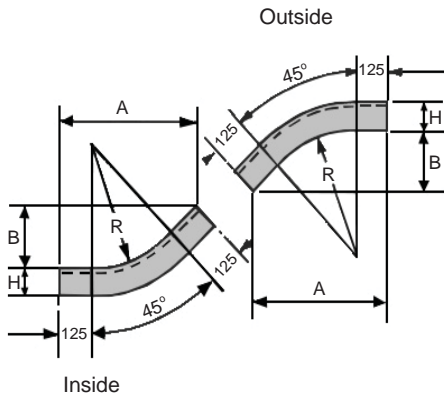
60° VERTICAL ELBOW



Catalog No. Inside Bend	Width	R	A	B	Catalog No. Outside Bend
SE-VE10-IT20-15	150	300	447	258	SE-VE10-OT20-15
SE-VE10-IT20-15		600	707	408	SE-VE10-OT20-15
SE-VE10-IT20-15		900	967	558	SE-VE10-OT20-15
SE-VE10-IT20-20	200	300	447	258	SE-VE10-OT20-20
SE-VE10-IT20-20		600	707	408	SE-VE10-OT20-20
SE-VE10-IT20-20		900	967	558	SE-VE10-OT20-20
SE-VE10-IT20-30	300	300	447	258	SE-VE10-OT20-30
SE-VE10-IT20-30		600	707	408	SE-VE10-OT20-30
SE-VE10-IT20-30		900	967	558	SE-VE10-OT20-30
SE-VE10-IT20-45	450	300	447	258	SE-VE10-OT20-45
SE-VE10-IT20-45		600	707	408	SE-VE10-OT20-45
SE-VE10-IT20-45		900	967	558	SE-VE10-OT20-45
SE-VE10-IT20-60	600	300	447	258	SE-VE10-OT20-60
SE-VE10-IT20-60		600	707	408	SE-VE10-OT20-60
SE-VE10-IT20-60		900	967	558	SE-VE10-OT20-60
SE-VE10-IT20-75	750	300	447	258	SE-VE10-OT20-75
SE-VE10-IT20-75		600	707	408	SE-VE10-OT20-75
SE-VE10-IT20-75		900	967	558	SE-VE10-OT20-75

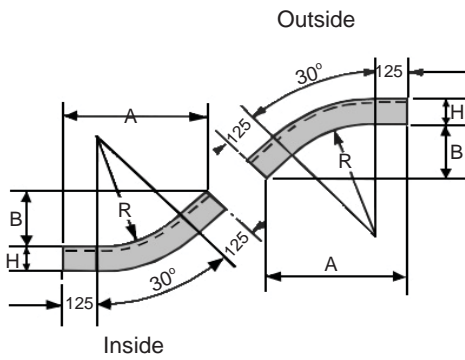


45° VERTICAL ELBOW



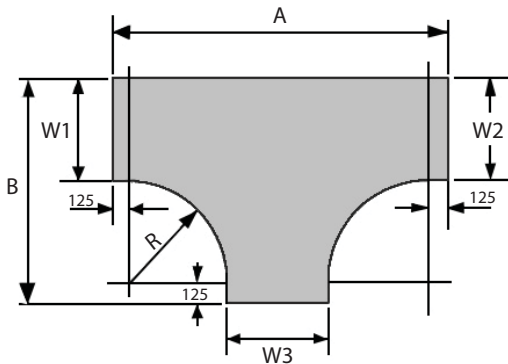
Catalog No. Inside Bend	Width	R	A	B	Catalog No. Outside Bend
SE-VE10-IT20-15	150	300	426	176	SE-VE10-OT20-15
SE-VE10-IT20-15		600	638	264	SE-VE10-OT20-15
SE-VE10-IT20-15		900	850	353	SE-VE10-OT20-15
SE-VE10-IT20-20	200	300	426	176	SE-VE10-OT20-20
SE-VE10-IT20-20		600	638	264	SE-VE10-OT20-20
SE-VE10-IT20-20		900	850	353	SE-VE10-OT20-20
SE-VE10-IT20-30	300	300	426	176	SE-VE10-OT20-30
SE-VE10-IT20-30		600	638	264	SE-VE10-OT20-30
SE-VE10-IT20-30		900	850	353	SE-VE10-OT20-30
SE-VE10-IT20-45	450	300	426	176	SE-VE10-OT20-45
SE-VE10-IT20-45		600	638	264	SE-VE10-OT20-45
SE-VE10-IT20-45		900	850	353	SE-VE10-OT20-45
SE-VE10-IT20-60	600	300	426	176	SE-VE10-OT20-60
SE-VE10-IT20-60		600	638	264	SE-VE10-OT20-60
SE-VE10-IT20-60		900	850	353	SE-VE10-OT20-60
SE-VE10-IT20-75	750	300	426	176	SE-VE10-OT20-75
SE-VE10-IT20-75		600	638	264	SE-VE10-OT20-75
SE-VE10-IT20-75		900	850	353	SE-VE10-OT20-75

30° VERTICAL ELBOW



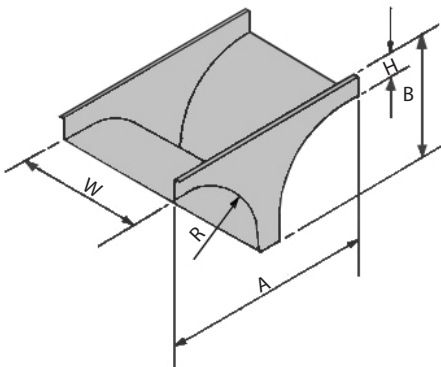
Catalog No. Inside Bend	Width	R	A	B	Catalog No. Outside Bend
SE-VE10-IT20-15	150	300	383	103	SE-VE10-OT20-15
SE-VE10-IT20-15		600	533	143	SE-VE10-OT20-15
SE-VE10-IT20-15		900	683	183	SE-VE10-OT20-15
SE-VE10-IT20-20	200	300	383	103	SE-VE10-OT20-20
SE-VE10-IT20-20		600	533	143	SE-VE10-OT20-20
SE-VE10-IT20-20		900	683	183	SE-VE10-OT20-20
SE-VE10-IT20-30	300	300	383	103	SE-VE10-OT20-30
SE-VE10-IT20-30		600	533	143	SE-VE10-OT20-30
SE-VE10-IT20-30		900	683	183	SE-VE10-OT20-30
SE-VE10-IT20-45	450	300	383	103	SE-VE10-OT20-45
SE-VE10-IT20-45		600	533	143	SE-VE10-OT20-45
SE-VE10-IT20-45		900	683	183	SE-VE10-OT20-45
SE-VE10-IT20-60	600	300	383	103	SE-VE10-OT20-60
SE-VE10-IT20-60		600	533	143	SE-VE10-OT20-60
SE-VE10-IT20-60		900	683	183	SE-VE10-OT20-60
SE-VE10-IT20-75	750	300	383	103	SE-VE10-OT20-75
SE-VE10-IT20-75		600	533	143	SE-VE10-OT20-75
SE-VE10-IT20-75		900	683	183	SE-VE10-OT20-75

HORIZONTAL TEE



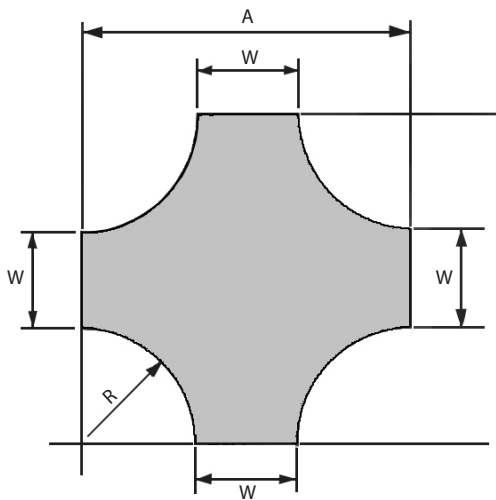
Catalog No.	Width	R	A	B
SE-HT10-T20-151515	150	300	1050	575
SE-HT10-T20-151515		600	1650	875
SE-HT10-T20-151515		900	2250	1175
SE-HT10-T20-151515	200	300	1050	625
SE-HT10-T20-151515		600	1650	925
SE-HT10-T20-151515		900	2250	1225
SE-HT10-T20-151515	300	300	1100	725
SE-HT10-T20-151515		600	1700	1025
SE-HT10-T20-151515		900	2300	1325
SE-HT10-T20-151515	450	300	1350	875
SE-HT10-T20-151515		600	1950	1175
SE-HT10-T20-151515		900	2550	1475
SE-HT10-T20-151515	600	300	1450	1025
SE-HT10-T20-151515		600	2050	1325
SE-HT10-T20-151515		900	2650	1625
SE-HT10-T20-151515	750	300	1600	1175
SE-HT10-T20-151515		600	2200	1475
SE-HT10-T20-151515		900	2800	1775

VERTICAL TEE



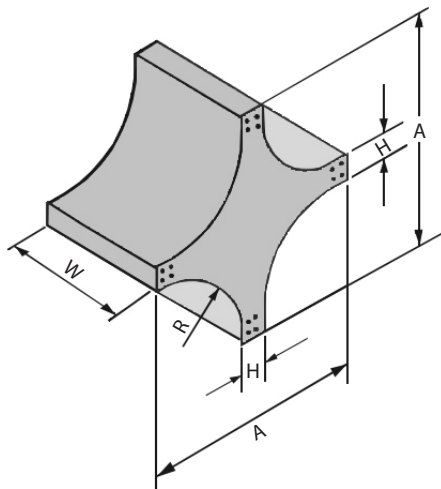
Catalog No.	Width	R	A	B
SE-VT10-T20-15	150	300	850+H	42
SE-VT10-T20-15		600	1450+H	72
SE-VT10-T20-15		900	2050+H	102
SE-VT10-T20-15	200	300	850+H	42
SE-VT10-T20-15		600	1450+H	72
SE-VT10-T20-15		900	2050+H	102
SE-VT10-T20-15	300	300	850+H	42
SE-VT10-T20-15		600	1450+H	72
SE-VT10-T20-15		900	2050+H	102
SE-VT10-T20-15	450	300	850+H	42
SE-VT10-T20-15		600	1450+H	72
SE-VT10-T20-15		900	2050+H	102
SE-VT10-T20-15	600	300	850+H	42
SE-VT10-T20-15		600	1450+H	72
SE-VT10-T20-15		900	2050+H	102
SE-VT10-T20-15	750	300	850+H	42
SE-VT10-T20-15		600	1450+H	72
SE-VT10-T20-15		900	2050+H	102

HORIZONTAL CROSS



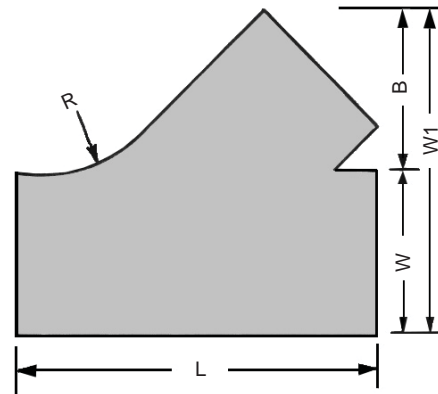
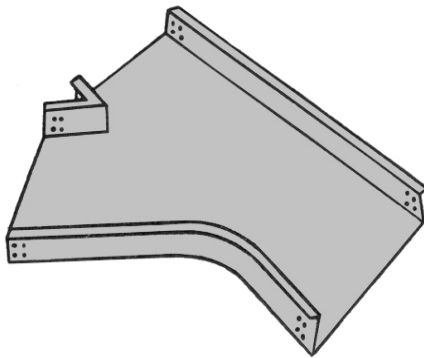
Catalog No.	Width	R	A	B
SE-HC10-T20-15	150	300	1000	1000
SE-HC10-T20-15		600	2600	1600
SE-HC10-T20-15		900	2200	2200
SE-HC10-T20-15	200	300	1050	1050
SE-HC10-T20-15		600	1650	1650
SE-HC10-T20-15		900	2250	2250
SE-HC10-T20-15	300	300	1150	1150
SE-HC10-T20-15		600	1750	1750
SE-HC10-T20-15		900	2350	2350
SE-HC10-T20-15	450	300	1300	1300
SE-HC10-T20-15		600	1900	1900
SE-HC10-T20-15		900	2500	2500
SE-HC10-T20-15	600	300	1450	1450
SE-HC10-T20-15		600	2050	2050
SE-HC10-T20-15		900	2650	2650
SE-HC10-T20-15	750	300	1000	1600
SE-HC10-T20-15		600	2200	2200
SE-HC10-T20-15		900	2800	2800

VERTICAL CROSS



Catalog No.	Width	R	A
SE-VC10-T20-15	150	300	850+H
SE-VC10-T20-15		600	1450-H
SE-VC10-T20-15		900	2050+H
SE-VC10-T20-15	200	300	850+H
SE-VC10-T20-15		600	1450-H
SE-VC10-T20-15		900	2050+H
SE-VC10-T20-15	300	300	850+H
SE-VC10-T20-15		600	1450-H
SE-VC10-T20-15		900	2050+H
SE-VC10-T20-15	450	300	850+H
SE-VC10-T20-15		600	1450-H
SE-VC10-T20-15		900	2050+H
SE-VC10-T20-15	600	300	850+H
SE-VC10-T20-15		600	1450-H
SE-VC10-T20-15		900	2050+H
SE-VC10-T20-15	750	300	850+H
SE-VC10-T20-15		600	1450-H
SE-VC10-T20-15		900	2050+H

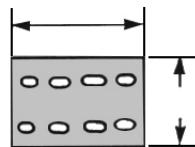
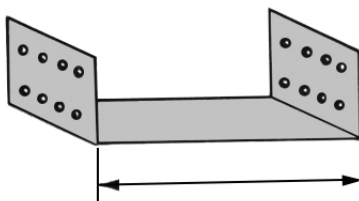
45° HORIZONTAL WYE



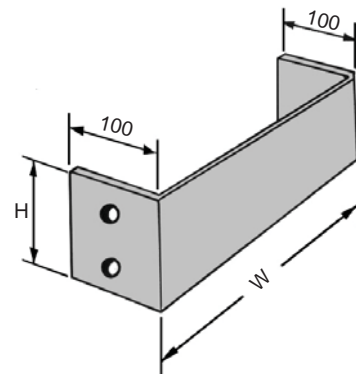
Left-Hand shape
Right hand shape is Also identical

Catalog No. Right Hand	Catalog No. Left Hand	W	R	A	B	C
SE-HW10-T20-15	SE-HW10-T20-15	150	300	630	265	415
SE-HW10-T20-15	SE-HW10-T20-15		600	740	265	415
SE-HW10-T20-20	SE-HW10-T20-20	200	300	680	325	475
SE-HW10-T20-20	SE-HW10-T20-20		600	800	325	475
SE-HW10-T20-30	SE-HW10-T20-30	300	300	840	380	680
SE-HW10-T20-30	SE-HW10-T20-30		600	960	380	680
SE-HW10-T20-45	SE-HW10-T20-45	450	300	1050	485	935
SE-HW10-T20-45	SE-HW10-T20-45		600	1170	485	935
SE-HW10-T20-60	SE-HW10-T20-60	600	300	1260	585	1185
SE-HW10-T20-60	SE-HW10-T20-60		600	1380	585	1185
SE-HW10-T20-75	SE-HW10-T20-75	750	300	1480	700	1450
SE-HW10-T20-75	SE-HW10-T20-75		600	1600	700	1450

CONNECTOR



BLIND END



CABLE TRAY COVER



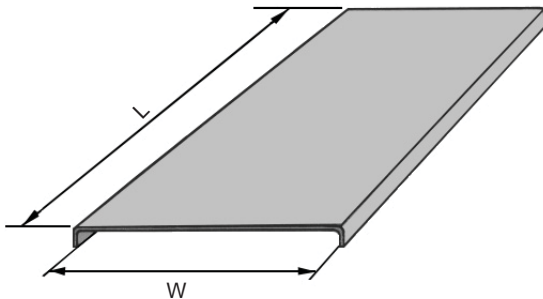
COVERS

Covers are used where there is a possibility of damage to cables resulting from objects falling or being placed on the trays. Covers are sometimes used on vertical tray runs for a distance of 1.8 to 2.4m above the floor line to protect cables from personal.

Where cable jacketing material being used is not suitable for exposure to the elements, covers are recommended for all outdoor tray runs.

Covers are flanged on both sides and furnished in 3m length. Both solid and louvered covers are available in either 1.6t pre-galvanized sheet, steel plate, aluminium or stainless steel, 6 clamps per straight and order cover clips as separate item.

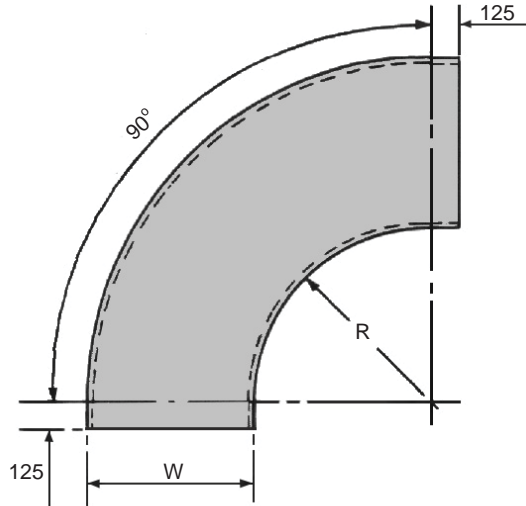
SOLID COVER STRAIGHT



Catalogue No	Width
SE-SCS-T20-10	100
SE-SCS-T20-15	150
SE-SCS-T20-20	200
SE-SCS-T20-30	300
SE-SCS-T20-45	450
SE-SCS-T20-60	600
SE-SCS-T20-75	700

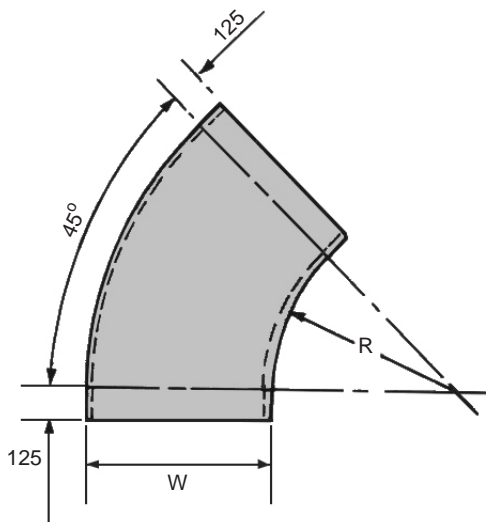


90° HORIZONTAL ELBOW COVER



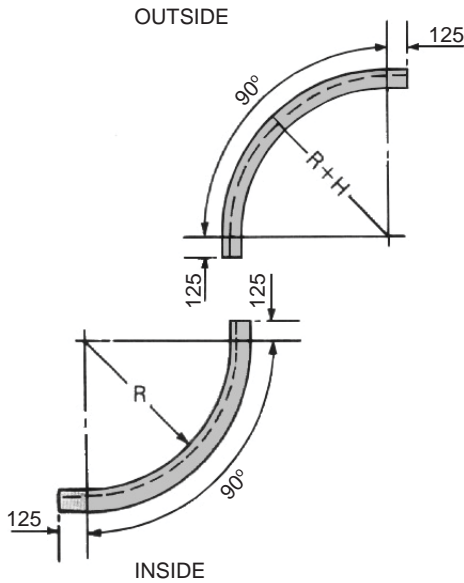
Catalog No.	Width	RR
SE-HE-T20-15	150	300
SE-HE-T20-15		600
SE-HE-T20-15		900
SE-HE-T20-20	200	300
SE-HE-T20-20		600
SE-HE-T20-20		900
SE-HE-T20-30	300	300
SE-HE-T20-30		600
SE-HE-T20-30		900
SE-HE-T20-45	450	300
SE-HE-T20-45		600
SE-HE-T20-45		900
SE-HE-T20-60	600	300
SE-HE-T20-60		600
SE-HE-T20-60		900
SE-HE-T20-75	750	300
SE-HE-T20-75		600
SE-HE-T20-75		900
SE-HE-T20-75	900	300
SE-HE-T20-75		600
SE-HE-T20-75		900

45° HORIZONTAL ELBOW COVER



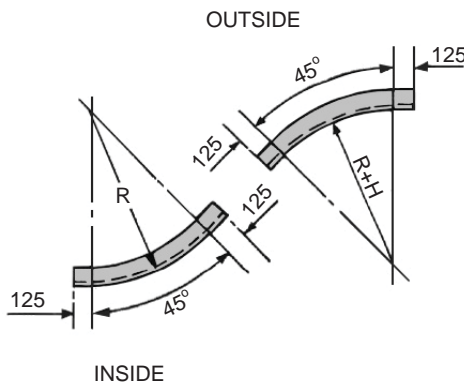
Catalog No.	Width	RR
SE-HE-T20-15	150	300
SE-HE-T20-15		600
SE-HE-T20-15		900
SE-HE-T20-20	200	300
SE-HE-T20-20		600
SE-HE-T20-20		900
SE-HE-T20-30	300	300
SE-HE-T20-30		600
SE-HE-T20-30		900
SE-HE-T20-45	450	300
SE-HE-T20-45		600
SE-HE-T20-45		900
SE-HE-T20-60	600	300
SE-HE-T20-60		600
SE-HE-T20-60		900
SE-HE-T20-75	750	300
SE-HE-T20-75		600
SE-HE-T20-75		900
SE-HE-T20-75	900	300
SE-HE-T20-75		600
SE-HE-T20-75		900

90° VERTICAL ELBOW COVER



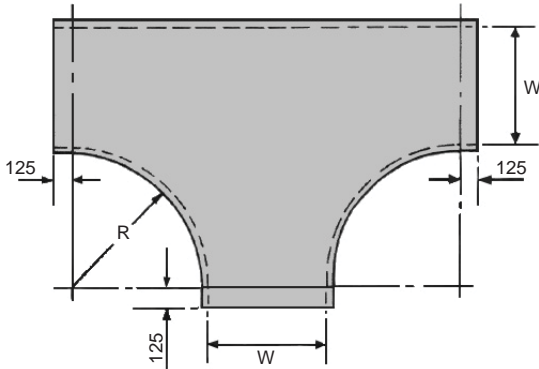
Inside Solid	Width	R	Outside Solid
SE-VE10-IT-15	150	300	SE-VE10-OT-15
SE-VE10-IT-15		600	SE-VE10-OT-15
SE-VE10-IT-15		900	SE-VE10-OT-15
SE-VE10-IT-20	200	300	SE-VE10-OT-20
SE-VE10-IT-20		600	SE-VE10-OT-20
SE-VE10-IT-20		900	SE-VE10-OT-20
SE-VE10-IT-30	300	300	SE-VE10-OT-30
SE-VE10-IT-30		600	SE-VE10-OT-30
SE-VE10-IT-30		900	SE-VE10-OT-30
SE-VE10-IT-45	450	300	SE-VE10-OT-45
SE-VE10-IT-45		600	SE-VE10-OT-45
SE-VE10-IT-45		900	SE-VE10-OT-45
SE-VE10-IT-60	600	300	SE-VE10-OT-60
SE-VE10-IT-60		600	SE-VE10-OT-60
SE-VE10-IT-60		900	SE-VE10-OT-60
SE-VE10-IT-75	750	300	SE-VE10-OT-75
SE-VE10-IT-75		600	SE-VE10-OT-75
SE-VE10-IT-75		900	SE-VE10-OT-75
SE-VE10-IT-90	900	300	SE-VE10-OT-90
SE-VE10-IT-90		600	SE-VE10-OT-90
SE-VE10-IT-90		900	SE-VE10-OT-90

45° VERTICAL ELBOW COVER



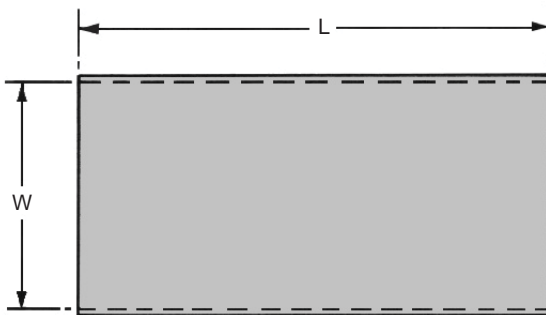
Inside Solid	Width	R	Outside Solid
SE-VE10-IT-15	150	300	SE-VE10-OT-15
SE-VE10-IT-15		600	SE-VE10-OT-15
SE-VE10-IT-15		900	SE-VE10-OT-15
SE-VE10-IT-20	200	300	SE-VE10-OT-20
SE-VE10-IT-20		600	SE-VE10-OT-20
SE-VE10-IT-20		900	SE-VE10-OT-20
SE-VE10-IT-30	300	300	SE-VE10-OT-30
SE-VE10-IT-30		600	SE-VE10-OT-30
SE-VE10-IT-30		900	SE-VE10-OT-30
SE-VE10-IT-45	450	300	SE-VE10-OT-45
SE-VE10-IT-45		600	SE-VE10-OT-45
SE-VE10-IT-45		900	SE-VE10-OT-45
SE-VE10-IT-60	600	300	SE-VE10-OT-60
SE-VE10-IT-60		600	SE-VE10-OT-60
SE-VE10-IT-60		900	SE-VE10-OT-60
SE-VE10-IT-75	750	300	SE-VE10-OT-75
SE-VE10-IT-75		600	SE-VE10-OT-75
SE-VE10-IT-75		900	SE-VE10-OT-75
SE-VE10-IT-90	900	300	SE-VE10-OT-90
SE-VE10-IT-90		600	SE-VE10-OT-90
SE-VE10-IT-90		900	SE-VE10-OT-90

HORIZONTAL TEE COVER



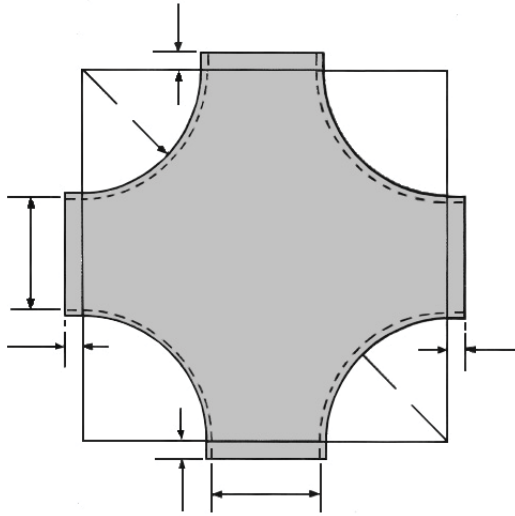
Catalog No.	Width	R
SE-HT-T20-151515	150	300
SE-HT-T20-151515		600
SE-HT-T20-151515		900
SE-HT-T20-202020	200	300
SE-HT-T20-202020		600
SE-HT-T20-202020		900
SE-HT-T20-303030	300	300
SE-HT-T20-303030		600
SE-HT-T20-303030		900
SE-HT-T20-454545	450	300
SE-HT-T20-454545		600
SE-HT-T20-454545		900
SE-HT-T20-606060	600	300
SE-HT-T20-606060		600
SE-HT-T20-606060		900
SE-HT-T20-757575	750	300
SE-HT-T20-757575		600
SE-HT-T20-757575		900
SE-HT-T20-909090	900	300
SE-HT-T20-909090		600
SE-HT-T20-909090		900

VERTICAL TEE COVER



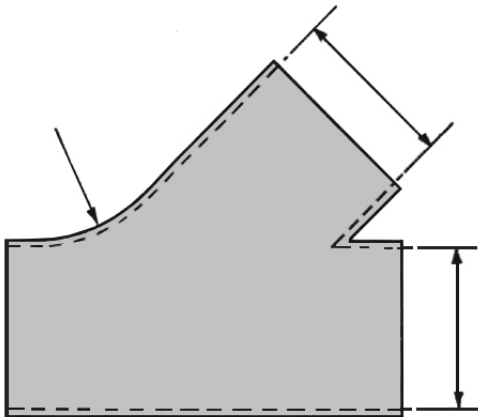
Catalog No.	Width	R
SE-HT-T20-15	150	300
SE-HT-T20-15		600
SE-HT-T20-15		900
SE-HT-T20-20	200	300
SE-HT-T20-20		600
SE-HT-T20-20		900
SE-HT-T20-30	300	300
SE-HT-T20-30		600
SE-HT-T20-30		900
SE-HT-T20-45	450	300
SE-HT-T20-45		600
SE-HT-T20-45		900
SE-HT-T20-60	600	300
SE-HT-T20-60		600
SE-HT-T20-60		900
SE-HT-T20-75	750	300
SE-HT-T20-75		600
SE-HT-T20-75		900
SE-HT-T20-90	900	300
SE-HT-T20-90		600
SE-HT-T20-90		900

HORIZONTAL CROSS COVER

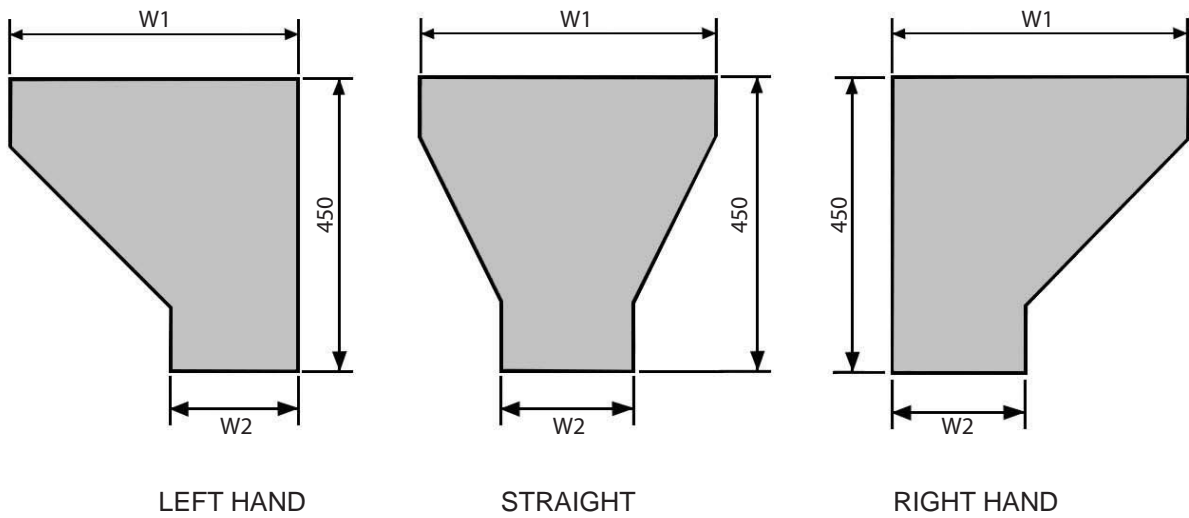


Catalog No.	Width	R
SE-HC-T20-15	150	300
SE-HC-T20-15		600
SE-HC-T20-15		900
SE-HC-T20-20	200	300
SE-HC-T20-20		600
SE-HC-T20-20		900
SE-HC-T20-30	300	300
SE-HC-T20-30		600
SE-HC-T20-30		900
SE-HC-T20-45	450	300
SE-HC-T20-45		600
SE-HC-T20-45		900
SE-HC-T20-60	600	300
SE-HC-T20-60		600
SE-HC-T20-60		900
SE-HC-T20-75	750	300
SE-HC-T20-75		600
SE-HC-T20-75		900
SE-HC-T20-90	900	300
SE-HC-T20-90		600
SE-HC-T20-90		900

45° HORIZONTAL CROSS COVER



Inside Solid	Width	R	Outside Solid
SE-HW-IT-15	150	300	SE-HW-OT-15
SE-HW-IT-15		600	SE-HW-OT-15
SE-HW-IT-15		900	SE-HW-OT-15
SE-HW-IT-20	200	300	SE-HW-OT-15
SE-HW-IT-20		600	SE-HW-OT-215
SE-HW-IT-20		900	SE-HW-OT-20
SE-HW-IT-30	300	300	SE-HW-OT-30
SE-HW-IT-30		600	SE-HW-OT-30
SE-HW-IT-30		900	SE-HW-OT-30
SE-HW-IT-45	450	300	SE-HW-OT-45
SE-HW-IT-45		600	SE-HW-OT-45
SE-HW-IT-45		900	SE-HW-OT-45
SE-HW-IT-60	600	300	SE-HW-OT-60
SE-HW-IT-60		600	SE-HW-OT-60
SE-HW-IT-60		900	SE-HW-OT-60
SE-HW-IT-75	750	300	SE-HW-OT-75
SE-HW-IT-75		600	SE-HW-OT-75
SE-HW-IT-75		900	SE-HW-OT-75
SE-HW-IT-90	900	300	SE-HW-OT-90
SE-HW-IT-90		600	SE-HW-OT-90
SE-HW-IT-90		900	SE-HW-OT-90

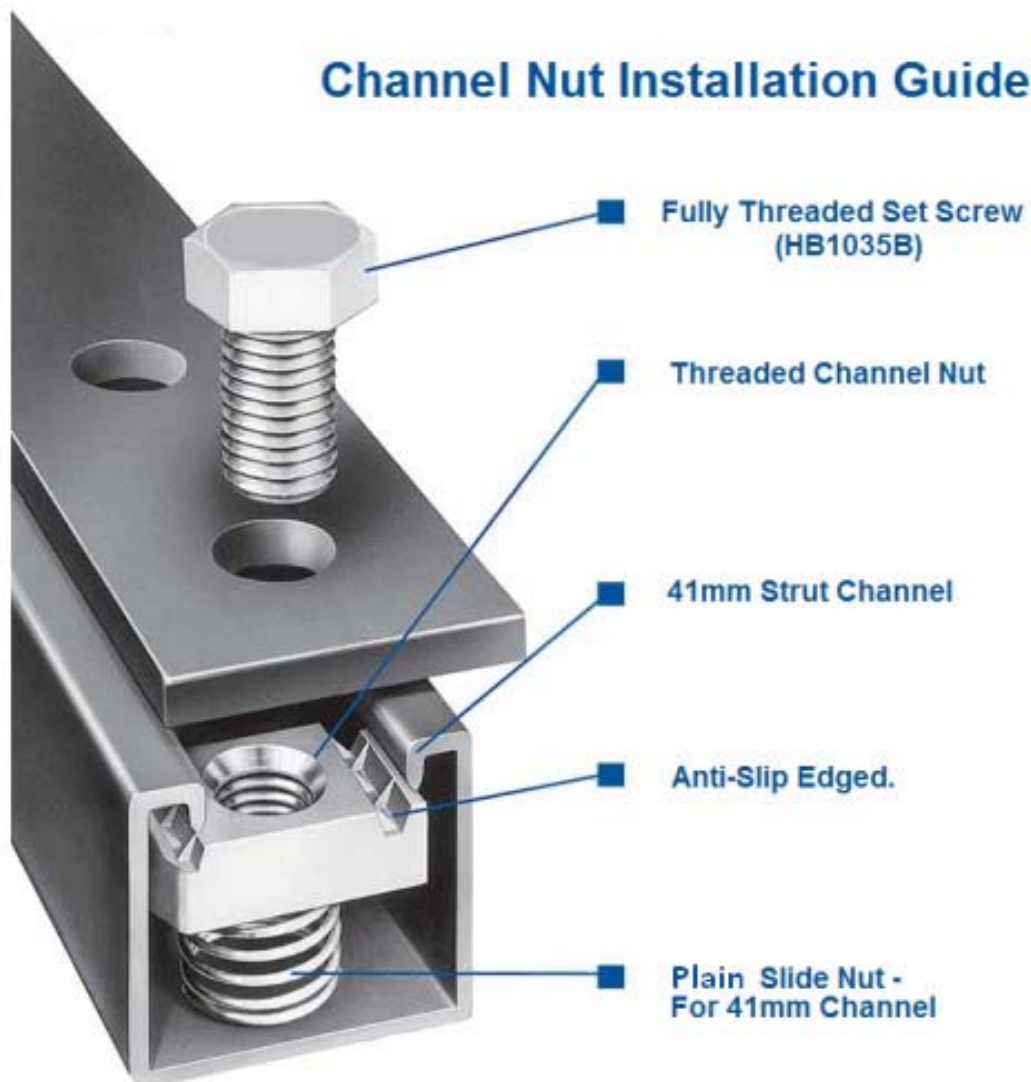


Straight	W ₁	W ₂	Catalog No. Left Hand	Catalog No. Right Hand
SE-RD-T20-2015	200	150	SE-RD-T20-2015	SE-RD-T20-2015
SE-RD-T20-3015	300	150	SE-RD-T20-3015	SE-RD-T20-3015
SE-RD-T20-3020		200	SE-RD-T20-3020	SE-RD-T20-3020
SE-RD-T20-4515	450	150	SE-RD-T20-4515	SE-RD-T20-4515
SE-RD-T20-4520		200	SE-RD-T20-4520	SE-RD-T20-4520
SE-RD-T20-4530		300	SE-RD-T20-4530	SE-RD-T20-4530
SE-RD-T20-6015	600	150	SE-RD-T20-6015	SE-RD-T20-6015
SE-RD-T20-6020		200	SE-RD-T20-6020	SE-RD-T20-6020
SE-RD-T20-6030		300	SE-RD-T20-6030	SE-RD-T20-6030
SE-RD-T20-6045		450	SE-RD-T20-6045	SE-RD-T20-6045
SE-RD-T20-7515	750	150	SE-RD-T20-7515	SE-RD-T20-7515
SE-RD-T20-7520		200	SE-RD-T20-7520	SE-RD-T20-7520
SE-RD-T20-7530		300	SE-RD-T20-7530	SE-RD-T20-7530
SE-RD-T20-7545		450	SE-RD-T20-7545	SE-RD-T20-7545
SE-RD-T20-7560		600	SE-RD-T20-7560	SE-RD-T20-7560

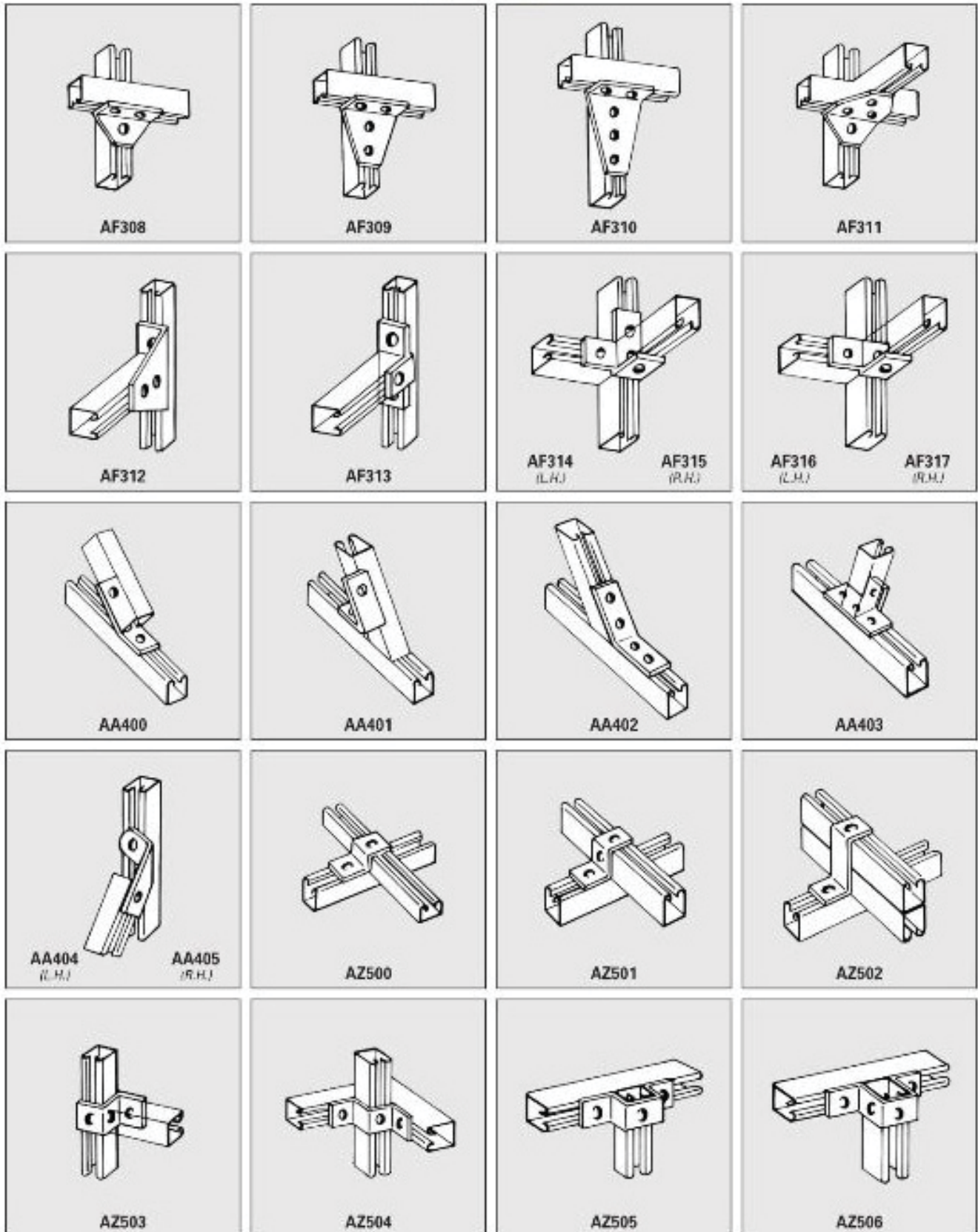
FITTING & ACCESSORIES



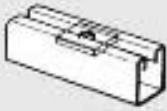
Channel Nut Installation Guide.



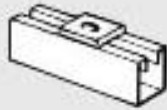
FITTINGS



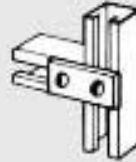
FITTINGS



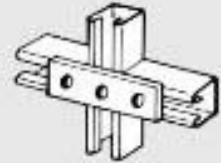
AS200
(INTERNAL)



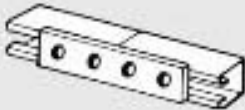
AS201
(EXTERNAL)



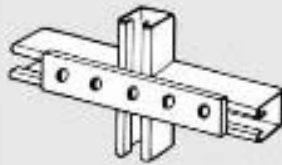
AS202



AS203



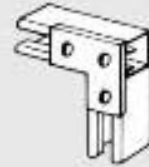
AC204



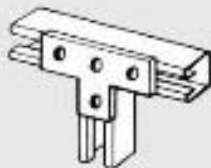
AC205



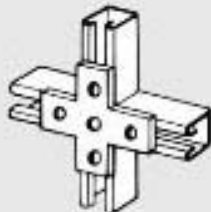
AC206



AC207



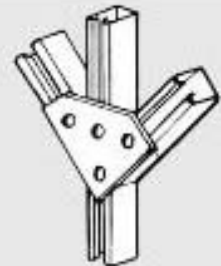
AC208



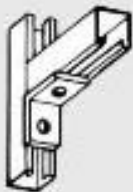
AC209



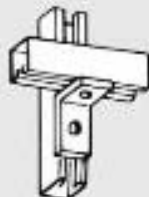
AC210



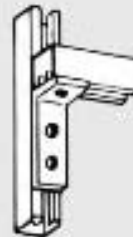
AC211



AF300



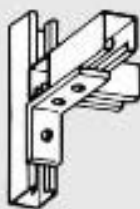
AF301



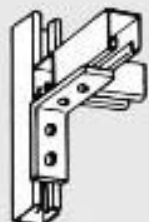
AF302



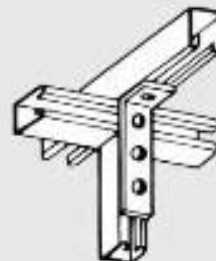
AF303



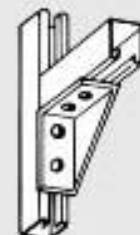
AF304



AF305

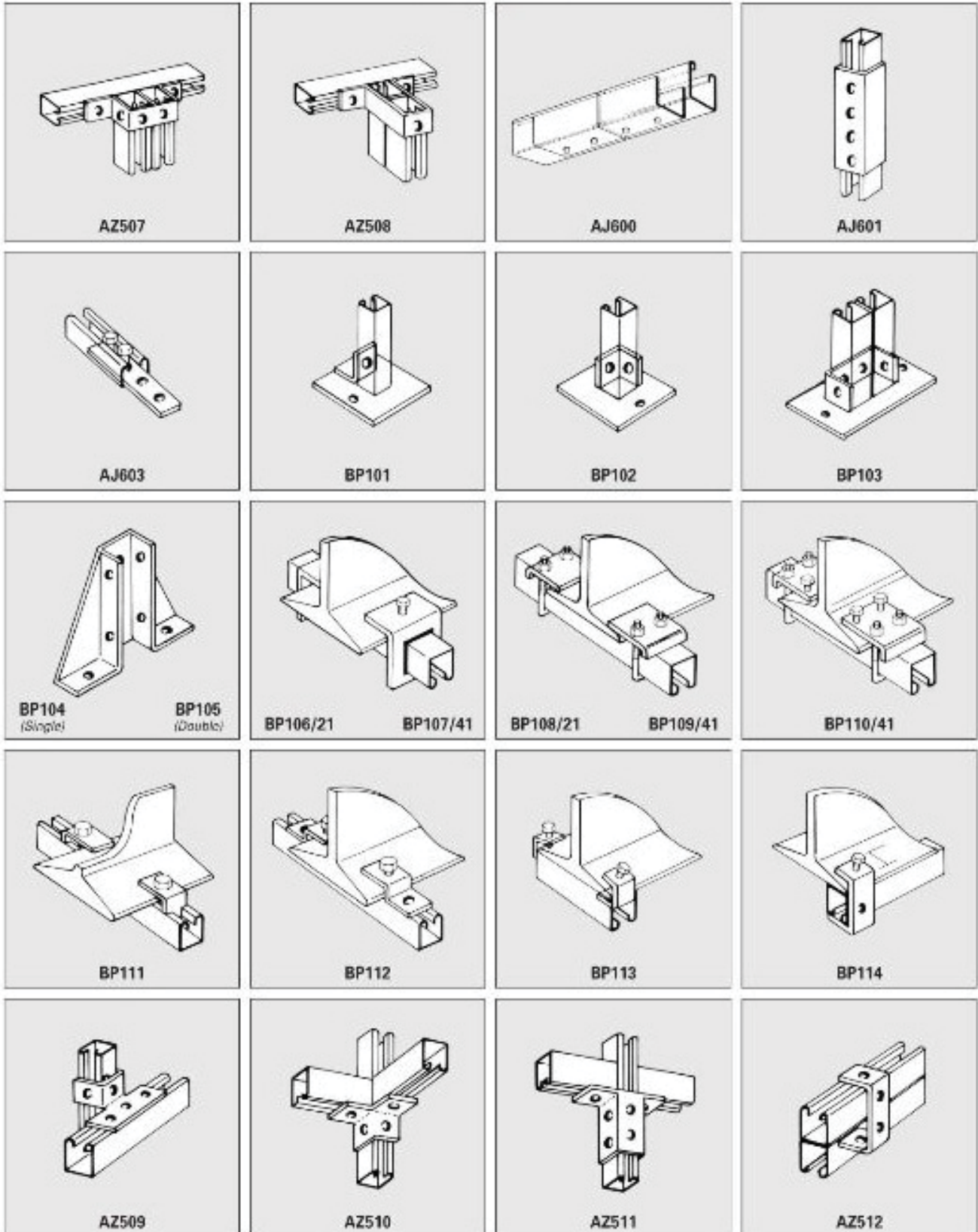


AF306



AF307

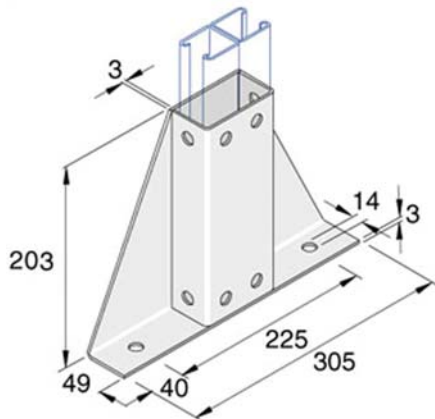
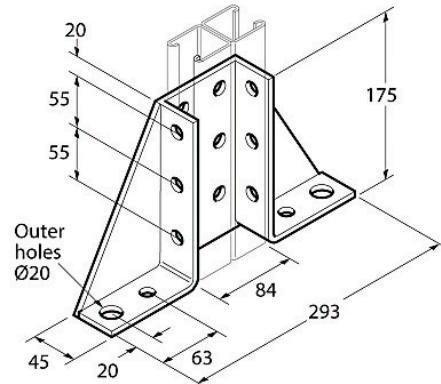
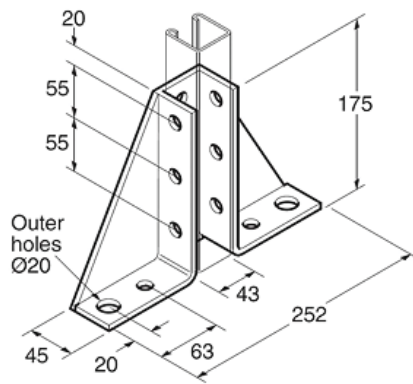
FITTINGS



FITTINGS



Gusseted Bracket



FIXTURE STUD NUT

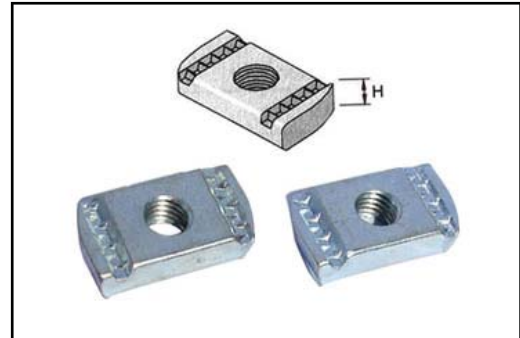


CHANNEL SPRING NUT



Catalog No.	Hole size
SSN 4000	1/4"
SSN 4010	3/8"
SSN 4020	1/2"
SSN 4030	5/8"
SSN 4040	3/4"

CHANNEL NUT



Catalog No.	Hole size
SCN 4100	1/4"
SCN 4110	3/8"
SCN 4120	1/2"
SCN 4130	5/8"
SCN 4140	3/4"

THREADED ROD



Catalog No.	Hole size
STR 4500	1/4"
STR 4510	3/8"
STR 4520	1/2"
STR 4530	5/8"
STR 4540	3/4"

COUPLEX NUT

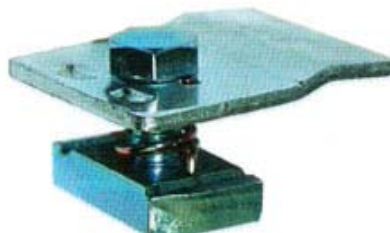


Catalog No.	Hole size
SCN 4600	1/4"
SCN 4610	3/8"
SCN 4620	1/2"
SCN 4630	5/8"
SCN 4640	3/4"

CHANNEL HANGER



HOLE DOWN CLAMP



BEAM CLIPS



PIPE RACK CLAMP



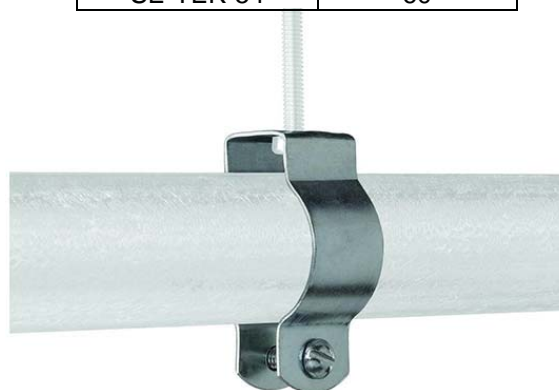
Catalog No.	A	L	D	T
SE-TEK-16	3	56	21	1.2
SE-TEK-22	3	62	26.5	1.2
SE-TEK-28	3	69	33.3	1.2
SE-TEK-36	4	77	41.9	1.2
SE-TEK-42	4	83	47.8	1.5
SE-TEK-54	5	95	59.5	1.5
SE-TEK-70	5	110	75.2	1.5
SE-TEK-82	5	123	87.9	1.5
SE-TEK-104	5	149	113.4	1.5

PIPE RACK CLIP



Catalog No.	D
SE-TEK-16	21.5
SE-TEK-22	27
SE-TEK-28	33.5
SE-TEK-36	42
SE-TEK-42	48
SE-TEK-54	60

CONDUIT HANGER



BEAM CLAMP

PIPE RACK



C-TYPE CLAMP



SINGLE SADDLE



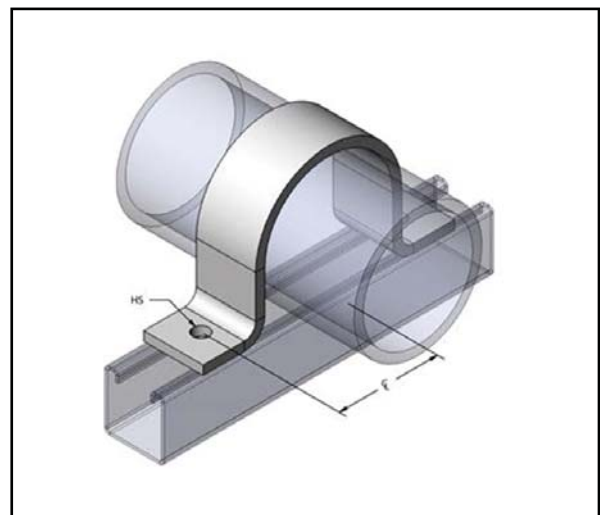
Catalog No.	H	B	D	C	T
SE-TEK-16	5	20	21.5	22.5	2
SE-TEK-22	5	20	27	27.5	2
SE-TEK-28	5.5	25	33.5	32.5	2
SE-TEK-36	5.5	25	42	37.5	2
SE-TEK-42	5.5	25	48	42.5	2
SE-TEK-54	5.5	25	60	50	2
SE-TEK-70	6.5	30	75.5	60	2
SE-TEK-82	6.5	35	88.5	67.5	2

DOUBLE SADDLE



Catalog No.	C	L	B	H	D	T
SE-TEK-16	45	65	20	5	21.5	1.2
SE-TEK-22	55	75	20	5	27	1.2
SE-TEK-28	65	90	25	5.5	33.5	1.2
SE-TEK-36	75	100	25	5.5	42	1.2
SE-TEK-42	85	110	25	5.5	48	1.2
SE-TEK-54	100	125	25	5.5	60	1.2
SE-TEK-70	120	150	30	6.5	75.5	1.5
SE-TEK-82	135	165	30	6.5	88.5	1.5
SE-TEK-104	170	200	30	6.5	115	1.5

CHANNEL CLAMP



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