

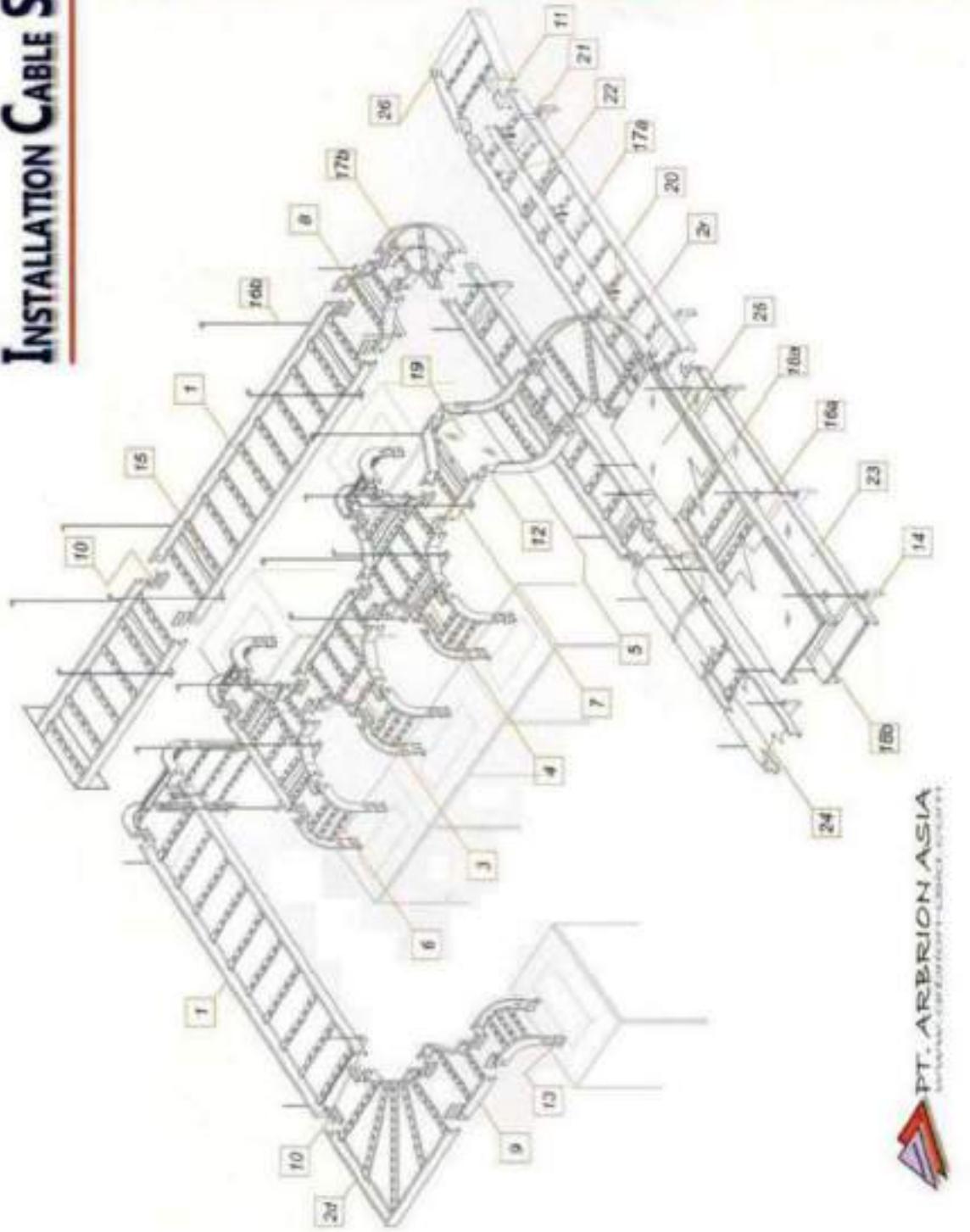


PT. ARBRION ASIA



- **Steel Pipe Conduit and Accesories**
- **Cable Tray and Ladder System**
- **Lighting Pole**
- **Diffuser**

INSTALLATION CABLE SUPPORT SYSTEM



1	Straight Ladder
2r	Horizontal Elbow Radius
2g	Horizontal Elbow Diagonal
3	Horizontal Tee
4	Horizontal Cross
5	Vertical Inside Riser
6	Vertical Outside Riser
7	Left Hand Reducer
8	Straight Reducer
9	Right Hand Reducer
10	Joining
11	Horizontal Fish Plate
12	Vertical Fish Plate
13	Splice Plate Set for Stand
14	Bracket Support
15	Hanger Beam
16a	Hanger Rod HR_A
16b	Hanger Rod HR_B
17a	Straight Separator
17b	Adjustable Separator
18a	Cover Clamp Peaked Flanged
18b	Cover Clamp Solid & Hat Shaped Flanged
19	Drop Out
20	Separator Support
21	Hold Down Clamp
22	Hold Down Clip
23	Cover Solid Flanged
24	Cover Peaked Flanged
25	Cover Hat Shaped Flanged
26	End Stop

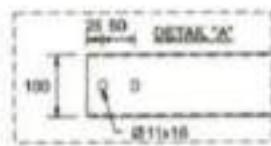
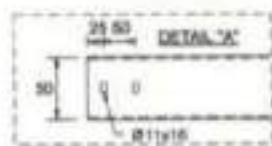
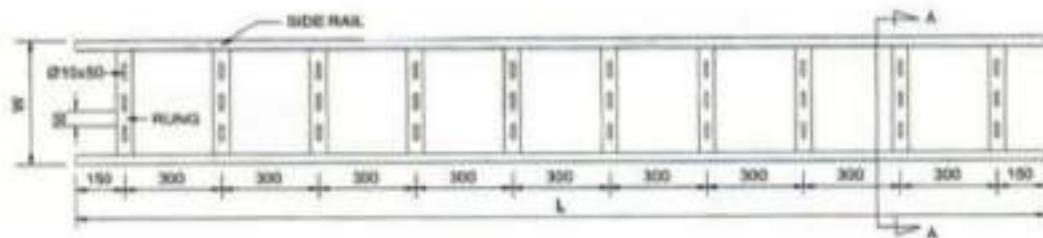
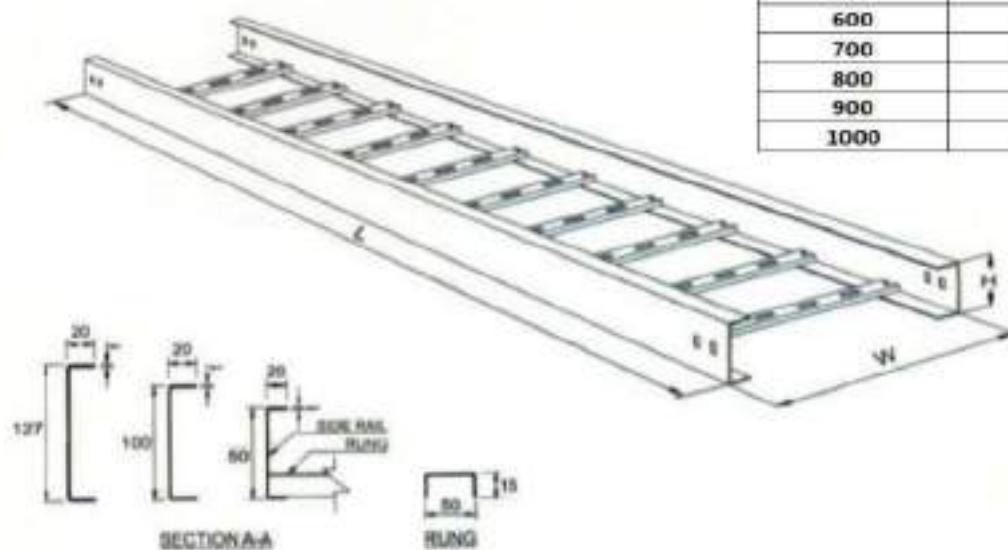
CABLE LADDER U - TYPE



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Straight Ladder

W	L
50	3000
100	3000
150	3000
200	3000
250	3000
300	3000
350	3000
400	3000
500	3000
600	3000
700	3000
800	3000
900	3000
1000	3000



MATERIAL : H0C ROLLED IRON STEEL (SPHC), STAINLESS STEEL (SUS304 & SUS316), ALUMINUM, THICKNESS : 2.0mm, 1.8mm, 1.2mm
FINISHING : HOT DIP GALVANIZED (BS 729, DIN 50978) / POWDER COATING, ELECTRO-GALVANIZED
OTHER DIMENSIONS ARE AVAILABLE UPON SPECIAL REQUIREMENT

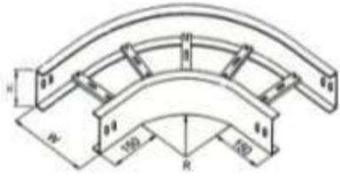
CABLE LADDER U - TYPE



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Horizontal Elbow (UE-R)

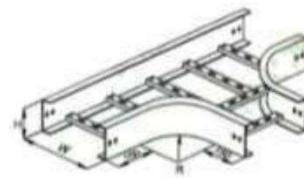
Radius Type



W	H	R
50	50	300
100	50	300
150	50	300
200	50	300
250	50	300
300	50	300
350	50	300
400	50	300
450	50	300
500	50	300
600	50	300
700	50	300
800	50	300
1000	50	300

Horizontal Tee (UT-R)

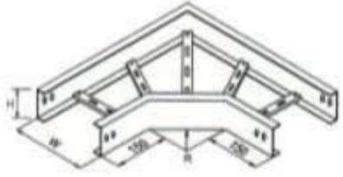
Radius Type



W	H	R
50	127	300
100	127	300
150	127	300
200	127	300
250	127	300
300	127	300
350	127	300
400	127	300
450	127	300
500	127	300
600	127	300
700	127	300
800	127	300
1000	127	300

Horizontal Elbow (UE-D)

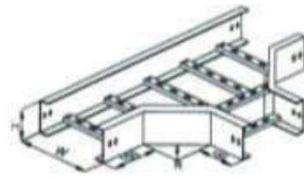
Diagonal Type



W	H	R
50	100	300
100	100	300
150	100	300
200	100	300
250	100	300
300	100	300
350	100	300
400	100	300
450	100	300
500	100	300
600	100	300
700	100	300
800	100	300
1000	100	300

Horizontal Tee (UT-D)

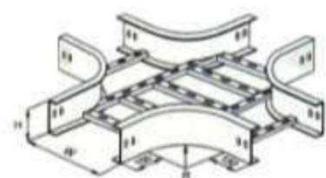
Diagonal Type



W	H	R
50	127	300
100	127	300
150	127	300
200	127	300
250	127	300
300	127	300
350	127	300
400	127	300
450	127	300
500	127	300
600	127	300
700	127	300
800	127	300
1000	127	300

Horizontal Cross (UC-R)

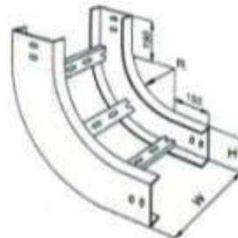
Radius Type



W	H	R
50	50	300
100	50	300
150	50	300
200	50	300
250	50	300
300	50	300
350	50	300
400	50	300
450	50	300
500	50	300
600	50	300
700	50	300
800	50	300
1000	50	300

Vertical Inside Riser (UI-R)

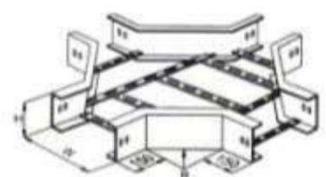
Radius Type



W	H	R
50	127	300
100	127	300
150	127	300
200	127	300
250	127	300
300	127	300
350	127	300
400	127	300
450	127	300
500	127	300
600	127	300
700	127	300
800	127	300
1000	127	300

Horizontal Cross (UC-D)

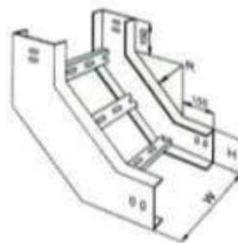
Diagonal Type



W	H	R
50	100	300
100	100	300
150	100	300
200	100	300
250	100	300
300	100	300
350	100	300
400	100	300
450	100	300
500	100	300
600	100	300
700	100	300
800	100	300
1000	100	300

Vertical Inside Riser (UI-D)

Diagonal Type



MATERIAL : HOT ROLLED MILL STEEL (SPHC), STAINLESS STEEL (SUS304 & SUS316), ALUMINUM, THICKNESS: 2.0mm, 1.8mm, 1.2mm
 FINISHING: HOT DIP GALVANIZED (BS 729, DIN 50978) / POWDER COATING, ELECTRO GALVANIZED
 OTHER DIMENSIONS ARE AVAILABLE UPON SPECIAL REQUIREMENT

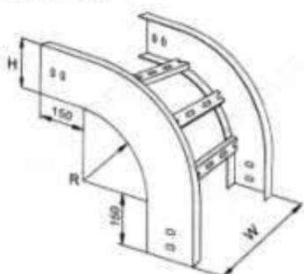
CABLE LADDER U - TYPE



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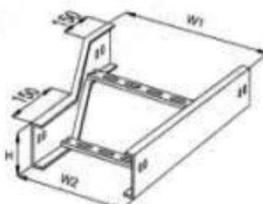
Vertical Outside Riser (UO-R)

Radius Type



W1	W2	H
100	50	50
150	100	50
200	150	50
250	200	50
300	250	50
350	300	50
400	350	50
450	400	50
500	450	50
600	500	50
700	600	50
800	700	50
900	800	50
1000	900	50

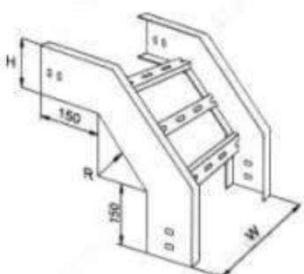
Left Hand Reducer (ULR)



W1	W2	H
100	50	127
150	100	127
200	150	127
250	200	127
300	250	127
350	300	127
400	350	127
450	400	127
500	450	127
600	500	127
700	600	127
800	700	127
900	800	127
1000	900	127

Vertical Outside Riser (UO-D)

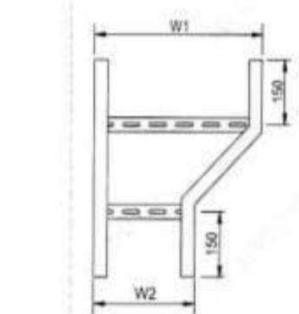
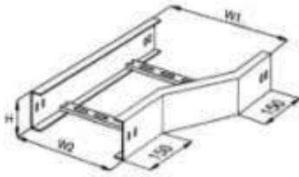
Diagonal Type



W1	W2	H
100	50	100
150	100	100
200	150	100
250	200	100
300	250	100
350	300	100
400	350	100
450	400	100
500	450	100
600	500	100
700	600	100
800	700	100
900	800	100
1000	900	100

Right Hand Reducer (URR)

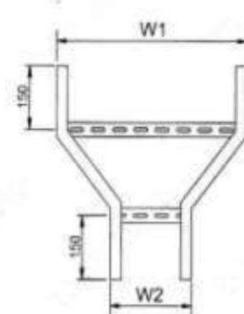
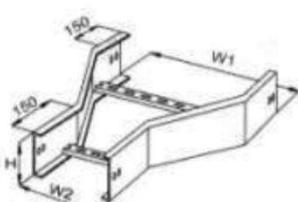
Right Hand Reducer (URR)



W1	W2	H
100	50	50
150	100	50
200	150	50
250	200	50
300	250	50
350	300	50
400	350	50
450	400	50
500	450	50
600	500	50
700	600	50
800	700	50
900	800	50
1000	900	50

W1	W2	H
100	50	100
150	100	100
200	150	100
250	200	100
300	250	100
350	300	100
400	350	100
450	400	100
500	450	100
600	500	100
700	600	100
800	700	100
900	800	100
1000	900	100

Straight Reducer (USR)



W1	W2	H
100	50	127
150	100	127
200	150	127
250	200	127
300	250	127
350	300	127
400	350	127
450	400	127
500	450	127
600	500	127
700	600	127
800	700	127
900	800	127
1000	900	127

MATERIAL : HOT ROLLED MILL STEEL (SPHC), STAINLESS STEEL (SUS304 & SUS316), ALUMINUM, THICKNESS : 2.0mm, 1.8mm, 1.2mm
 FINISHING : HOT DIP GALVANIZED (BS 729, DIN 50978) / POWDER COATING, ELECTRO GALVANIZED
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CABLE LADDER U - TYPE



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Jointing Set

For H50 / H100



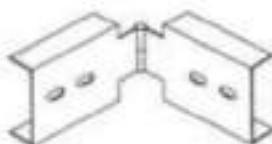
Jointing Set

For H127



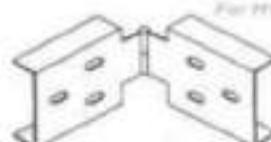
Horizontal Fish Plate

For H50 / H100

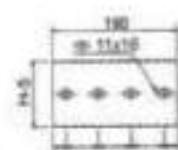


Horizontal Fish Plate

For H127

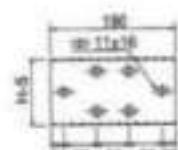


15
H5



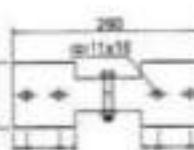
Side view

For H50 / H100



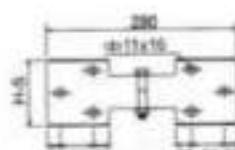
For H127

15
H5



Side view

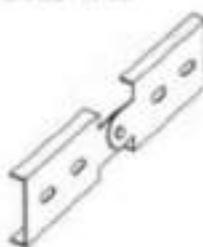
For H50 / H100



For H127

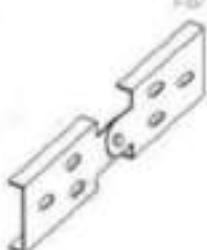
Vertical Fish Plate

For H50 / H100

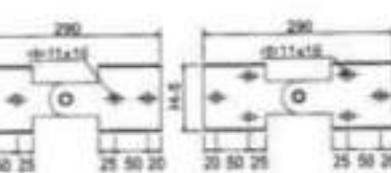


Vertical Fish Plate

For H127

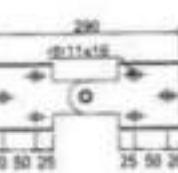


15
H5



Side view

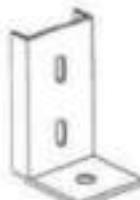
For H50 / H100



For H127

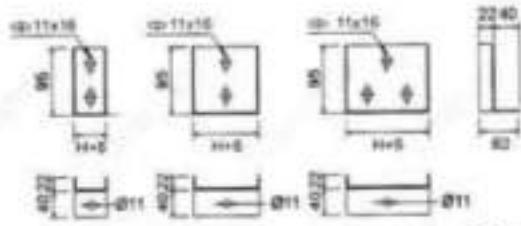
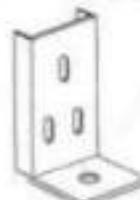
Splice Plate Set for Stand

For H50 / H100



Splice Plate Set for Stand

For H127



For H50

For H100

For H127

Side view

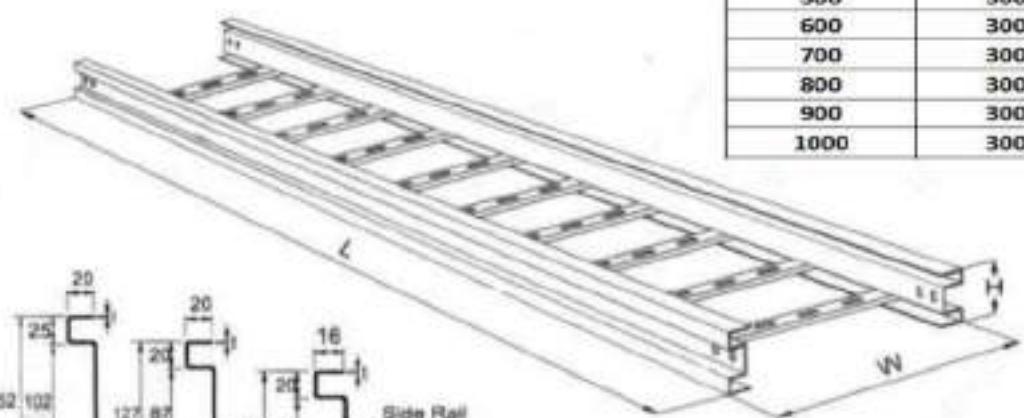
MATERIAL : HOT ROLLED MILD STEEL (SPHC), STAINLESS STEEL (SS304 & SS316), ALUMINUM, THICKNESS : 2.0mm, 1.8mm, 1.2mm
FINISHING : HOT DIP GALVANIZED (BS 725, DIN 50978) / POWDER COATING, ELECTRO GALVANIZED
OTHER DIMENSIONS ARE AVAILABLE UPON SPECIAL REQUIREMENT

CABLE LADDER W - TYPE



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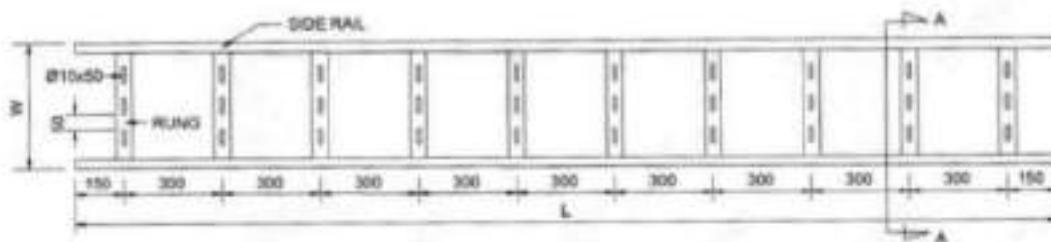
Straight Ladder



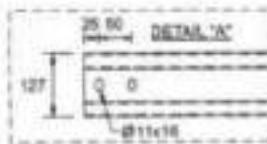
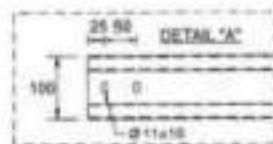
W	L
50	3000
100	3000
150	3000
200	3000
250	3000
300	3000
350	3000
400	3000
500	3000
600	3000
700	3000
800	3000
900	3000
1000	3000

SECTION A-A

RUNG
FOR H.100/127 RUNG
FOR H.152



SEE DETAILS



MATERIAL : HOT ROLLED MILD STEEL (SPHC), STAINLESS STEEL (SS304 & SS316), ALUMINUM, THICKNESS : 2.0mm, 1.8mm, 1.2mm
 FINISHING : HOT DIP GALVANIZED (BS 725, DIN 50978) / POWDER COATING, ELECTRO GALVANIZED
 OTHER DIMENSIONS ARE AVAILABLE UPON SPECIAL REQUIREMENT



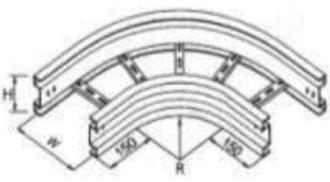
CABLE LADDER W - TYPE



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Horizontal Elbow (WE-R)

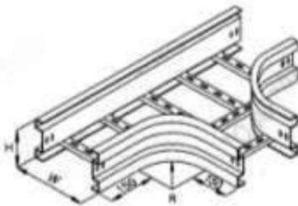
Radius Type



W	H	R
50	50	300
100	50	300
150	50	300
200	50	300
250	50	300
300	50	300
350	50	300
400	50	300
450	50	300
500	50	300
600	50	300
700	50	300
800	50	300
1000	50	300

Horizontal Tee (WT-R)

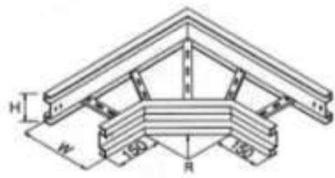
Radius Type



W	H	R
50	127	300
100	127	300
150	127	300
200	127	300
250	127	300
300	127	300
350	127	300
400	127	300
450	127	300
500	127	300
600	127	300
700	127	300
800	127	300
1000	127	300

Horizontal Elbow (WE-D)

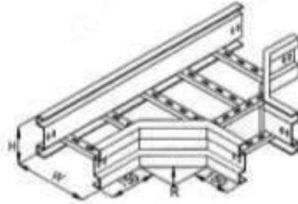
Diagonal Type



W	H	R
50	100	300
100	100	300
150	100	300
200	100	300
250	100	300
300	100	300
350	100	300
400	100	300
450	100	300
500	100	300
600	100	300
700	100	300
800	100	300
1000	100	300

Horizontal Tee (WT-D)

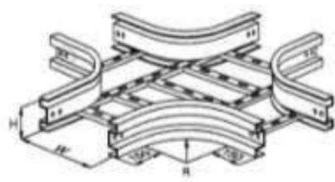
Diagonal Type



W	H	R
50	127	300
100	127	300
150	127	300
200	127	300
250	127	300
300	127	300
350	127	300
400	127	300
450	127	300
500	127	300
600	127	300
700	127	300
800	127	300
1000	127	300

Horizontal Cross (WC-R)

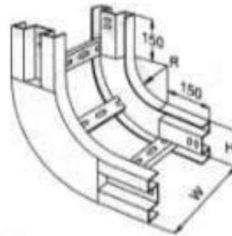
Radius Type



W	H	R
50	50	300
100	50	300
150	50	300
200	50	300
250	50	300
300	50	300
350	50	300
400	50	300
450	50	300
500	50	300
600	50	300
700	50	300
800	50	300
1000	50	300

Vertical Inside Riser (WI-R)

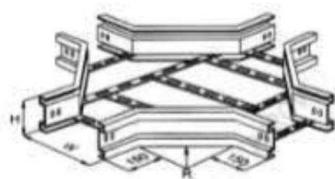
Radius Type



W	H	R
50	127	300
100	127	300
150	127	300
200	127	300
250	127	300
300	127	300
350	127	300
400	127	300
450	127	300
500	127	300
600	127	300
700	127	300
800	127	300
1000	127	300

Horizontal Cross (WC-D)

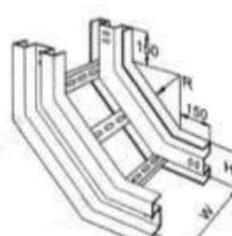
Diagonal Type



W	H	R
50	100	300
100	100	300
150	100	300
200	100	300
250	100	300
300	100	300
350	100	300
400	100	300
450	100	300
500	100	300
600	100	300
700	100	300
800	100	300
1000	100	300

Vertical Inside Riser (WI-D)

Diagonal Type



MATERIAL : HOT ROLLED MILL STEEL (SPHC), STAINLESS STEEL (SUS304 & SUS316), ALUMUNIUM, THICKNESS : 2.0mm, 1.8mm, 1.2mm
 FINISHING : HOT DIP GALVANIZED (BS 729, DIN 50978) / POWDER COATING, ELECTRO GALVANIZED
 OTHER DIMENSIONS ARE AVAILABLE UPON SPECIAL REQUIREMENT

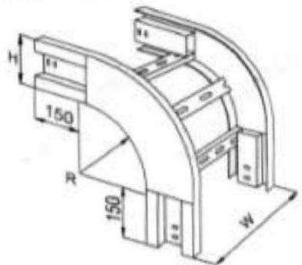
CABLE LADDER W - TYPE



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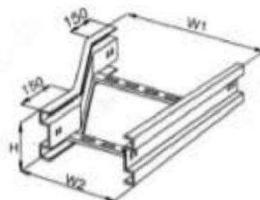
Vertical Outside Riser (WO-R)

Radius Type



W	H	R
50	100	300
100	100	300
150	100	300
200	100	300
250	100	300
300	100	300
350	100	300
400	100	300
450	100	300
500	100	300
600	100	300
700	100	300
800	100	300
1000	100	300

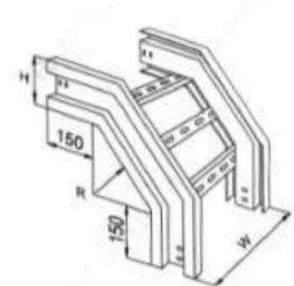
Left Hand Reducer (WLR)



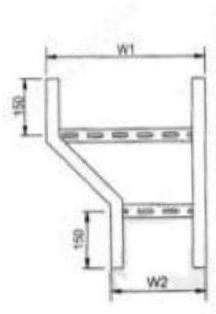
W1	W2	H
100	50	100
150	100	100
200	150	100
250	200	100
300	250	100
350	300	100
400	350	100
450	400	100
500	450	100
600	500	100
700	600	100
800	700	100
900	800	100
1000	900	100

Vertical Outside Riser (WO-D)

Diagonal Type

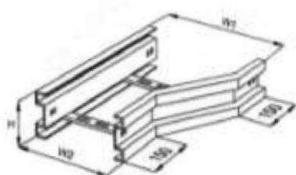


W	H	R
50	127	300
100	127	300
150	127	300
200	127	300
250	127	300
300	127	300
350	127	300
400	127	300
450	127	300
500	127	300
600	127	300
700	127	300
800	127	300
1000	127	300



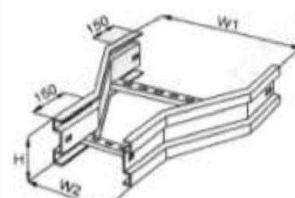
W1	W2	H
100	50	127
150	100	127
200	150	127
250	200	127
300	250	127
350	300	127
400	350	127
450	400	127
500	450	127
600	500	127
700	600	127
800	700	127
900	800	127
1000	900	127

Right Hand Reducer (WRR)



W	H	R
50	152	300
100	152	300
150	152	300
200	152	300
250	152	300
300	152	300
350	152	300
400	152	300
450	152	300
500	152	300
600	152	300
700	152	300
800	152	300
1000	152	300

Straight Reducer (WSR)



W1	W2	H
100	50	152
150	100	152
200	150	152
250	200	152
300	250	152
350	300	152
400	350	152
450	400	152
500	450	152
600	500	152
700	600	152
800	700	152
900	800	152
1000	900	152

MATERIAL : HOT ROLLED MILL STEEL (SPHC), STAINLESS STEEL (SUS304 & SUS316), ALUMINUM, THICKNESS : 2.0mm, 1.8mm, 1.2mm
 FINISHING : HOT DIP GALVANIZED (BS 729, DIN 50978) / POWDER COATING, ELECTRO GALVANIZED
 OTHER DIMENSIONS ARE AVAILABLE UPON SPECIAL REQUIREMENT

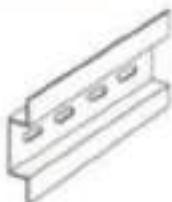
CABLE LADDER W - TYPE



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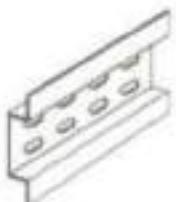
Jointing Set

For H100 / H127



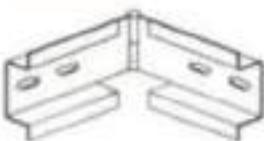
Jointing Set

For H152



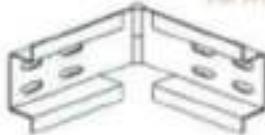
Horizontal Fish Plate

For H100 / H127

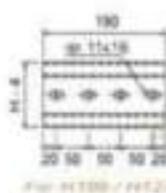


Horizontal Fish Plate

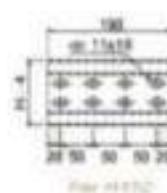
For H152



Side view



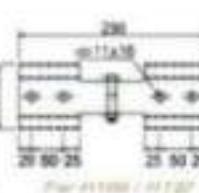
For H100 / H127



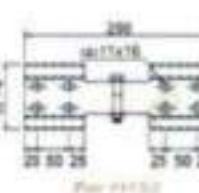
For H152



Side view



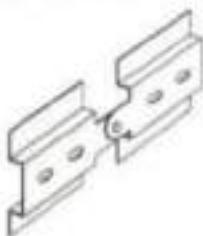
For H100 / H127



For H152

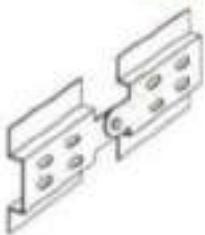
Vertical Fish Plate

For H100 / H127



Vertical Fish Plate

For H152



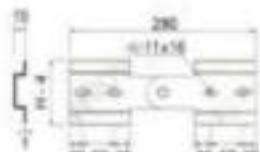
Splice Plate Set for Stand

For H100 / H127



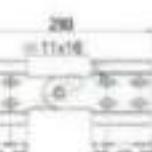
Splice Plate Set for Stand

For H152

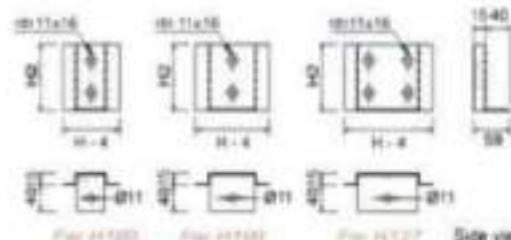


Side view

For H100 / H127



For H152



For H100

For H127

For H152

Side view

MATERIAL : HOT ROLLED MILL STEEL (SPHCL, STAINLESS STEEL (SS304 & SS316), ALUMINUM, THICKNESS : 2.0mm, 1.8mm, 1.7mm
FINISHING : HOT DIP GALVANIZED (BS 720, DIN 50978), POWDER COATING, ELECTRO GALVANIZED
OTHER DIMENSIONS ARE AVAILABLE UPON SPECIAL REQUIREMENT

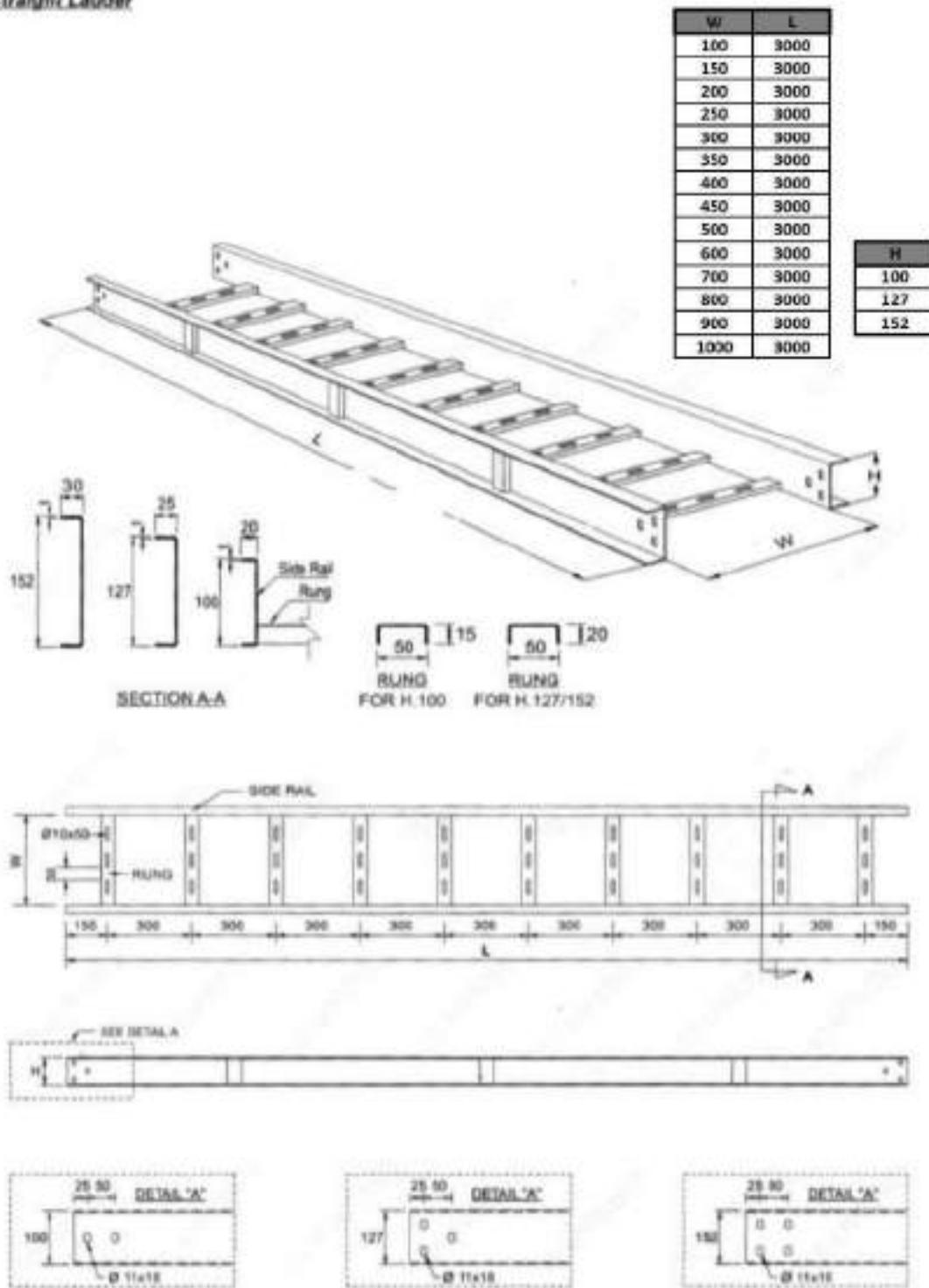


CABLE LADDER HD - TYPE



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Straight Ladder



MATERIAL : HOT ROLLED MILD STEEL (SPHC), STAINLESS STEEL (SUS304 & SUS316), ALUMINUM, THICKNESS : 2.0mm, 1.8mm, 1.2mm
FINISHING : HOT DIP GALVANIZED (BS 725, DIN 50978) / POWDER COATING, ELECTRO GALVANIZED
OTHER DIMENSIONS ARE AVAILABLE UPON SPECIAL REQUIREMENT



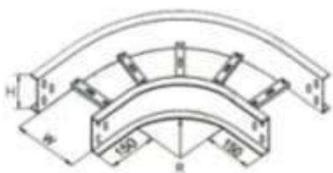
CABLE LADDER HD - TYPE



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Horizontal Elbow (HE-R)

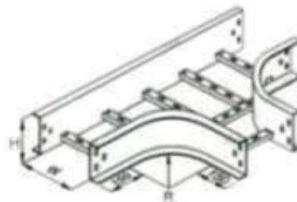
Radius Type



W	H	R
50	100	300
100	100	300
150	100	300
200	100	300
250	100	300
300	100	300
350	100	300
400	100	300
450	100	300
500	100	300
600	100	300
700	100	300
800	100	300
1000	100	300

Horizontal Tee (HT-R)

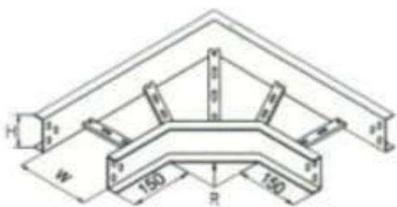
Radius Type



W	H	R
50	152	300
100	152	300
150	152	300
200	152	300
250	152	300
300	152	300
350	152	300
400	152	300
450	152	300
500	152	300
600	152	300
700	152	300
800	152	300
1000	152	300

Horizontal Elbow (HE-D)

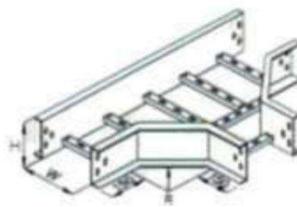
Diagonal Type



W	H	R
50	127	300
100	127	300
150	127	300
200	127	300
250	127	300
300	127	300
350	127	300
400	127	300
450	127	300
500	127	300
600	127	300
700	127	300
800	127	300
1000	127	300

Horizontal Tee (HT-D)

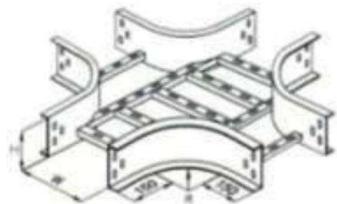
Diagonal Type



W	H	R
50	152	300
100	152	300
150	152	300
200	152	300
250	152	300
300	152	300
350	152	300
400	152	300
450	152	300
500	152	300
600	152	300
700	152	300
800	152	300
1000	152	300

Horizontal Cross (HC-R)

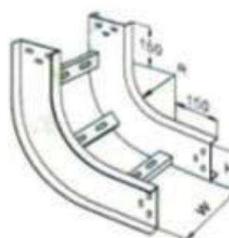
Radius Type



W	H	R
50	100	300
100	100	300
150	100	300
200	100	300
250	100	300
300	100	300
350	100	300
400	100	300
450	100	300
500	100	300
600	100	300
700	100	300
800	100	300
1000	100	300

Vertical Inside Riser (HI-R)

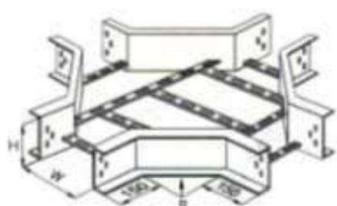
Radius Type



W	H	R
50	152	300
100	152	300
150	152	300
200	152	300
250	152	300
300	152	300
350	152	300
400	152	300
450	152	300
500	152	300
600	152	300
700	152	300
800	152	300
1000	152	300

Horizontal Cross (HC-D)

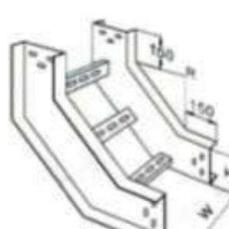
Diagonal Type



W	H	R
50	127	300
100	127	300
150	127	300
200	127	300
250	127	300
300	127	300
350	127	300
400	127	300
450	127	300
500	127	300
600	127	300
700	127	300
800	127	300
1000	127	300

Vertical Inside Riser (HI-D)

Diagonal Type



MATERIAL : HOT ROLLED MILL STEEL (SPHC), STAINLESS STEEL (SUS304 & SUS316), ALUMUNIUM, THICKNESS : 2.0mm, 1.8mm, 1.2mm
 FINISHING : HOT DIP GALVANIZED (BS 729, DIN 50978) / POWDER COATING, ELECTRO GALVANIZED
 OTHER DIMENSIONS ARE AVAILABLE UPON SPECIAL REQUIREMENT

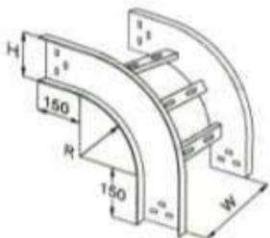
CABLE LADDER HD - TYPE



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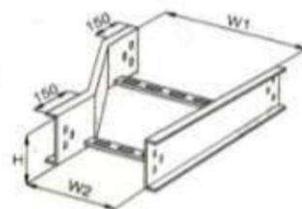
Vertical Outside Riser (HO-R)

Radius Type



W	H	R
50	100	300
100	100	300
150	100	300
200	100	300
250	100	300
300	100	300
350	100	300
400	100	300
450	100	300
500	100	300
600	100	300
700	100	300
800	100	300
1000	100	300

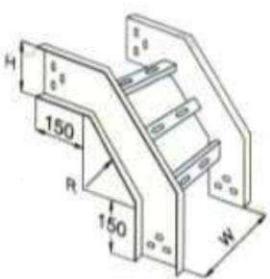
Left Hand Reducer (HLR)



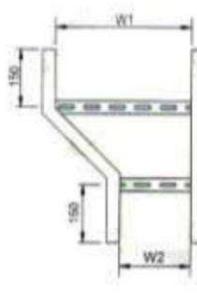
W	H	R
50	152	300
100	152	300
150	152	300
200	152	300
250	152	300
300	152	300
350	152	300
400	152	300
450	152	300
500	152	300
600	152	300
700	152	300
800	152	300
1000	152	300

Vertical Outside Riser (HO-D)

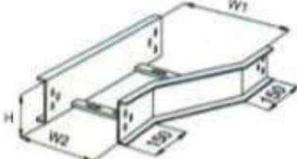
Diagonal Type



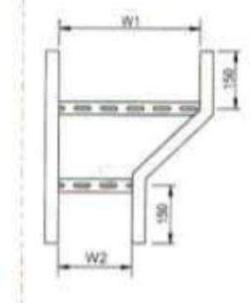
W	H	R
50	127	300
100	127	300
150	127	300
200	127	300
250	127	300
300	127	300
350	127	300
400	127	300
450	127	300
500	127	300
600	127	300
700	127	300
800	127	300
1000	127	300



Right Hand Reducer (HRR)

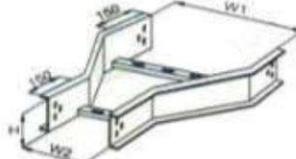


W1	W2	H
100	50	100
150	100	100
200	150	100
250	200	100
300	250	100
350	300	100
400	350	100
450	400	100
500	450	100
600	500	100
700	600	100
800	700	100
900	800	100
1000	900	100

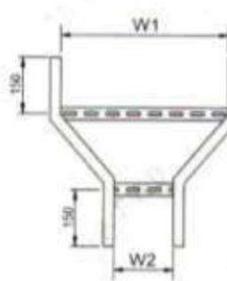


W1	W2	H
100	50	127
150	100	127
200	150	127
250	200	127
300	250	127
350	300	127
400	350	127
450	400	127
500	450	127
600	500	127
700	600	127
800	700	127
900	800	127
1000	900	127

Straight Reducer (HSR)



W1	W2	H
100	50	152
150	100	152
200	150	152
250	200	152
300	250	152
350	300	152
400	350	152
450	400	152
500	450	152
600	500	152
700	600	152
800	700	152
900	800	152
1000	900	152



MATERIAL : HOT ROLLED MILL STEEL (SPHC), STAINLESS STEEL (SUS304 & SUS316), ALUMUNIUM, THICKNESS : 2.0mm, 1.8mm, 1.2mm
FINISHING : HOT DIP GALVANIZED (BS 729, DIN 50978) / POWDER COATING, ELECTRO GALVANIZED
OTHER DIMENSIONS ARE AVAILABLE UPON SPECIAL REQUIREMENT

CABLE LADDER HD - TYPE



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Jointing Set

Fan-H1100

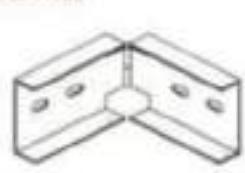


Fan-H1127

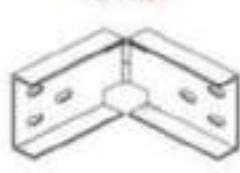


Horizontal Fish Plate

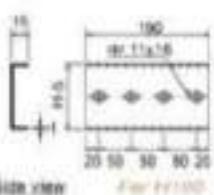
Fan-H1100



Fan-H1127



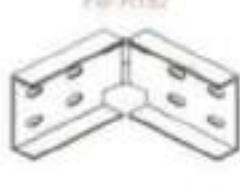
Side view



Fan-H1100



Fan-H1127



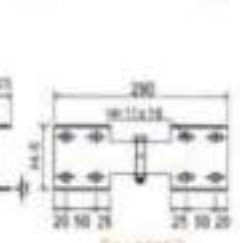
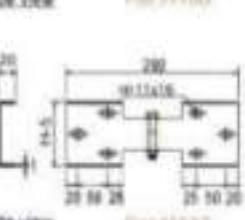
Side view



Fan-H1127



Side view



Fan-H1127

Fan-H1122

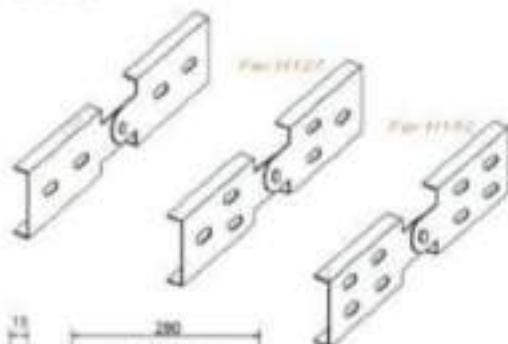


Fan-H1152

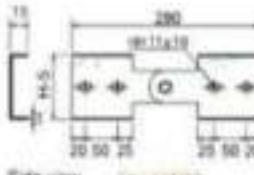


Vertical Fish Plate

Fan-H1100



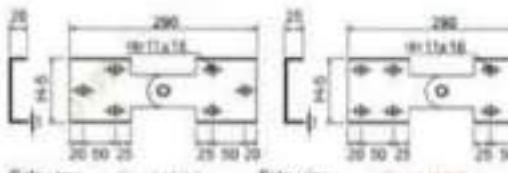
Side view



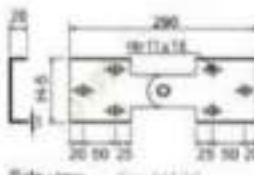
Fan-H1127



Fan-H1100



Side view



Fan-H1127



Splice Plate Set for Stand

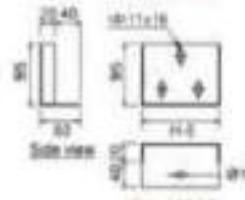
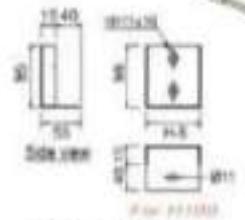
Fan-H1100



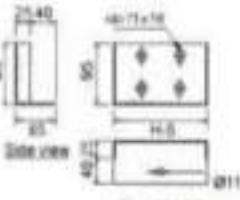
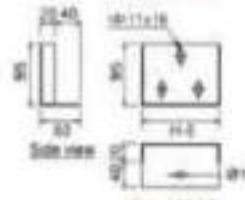
Fan-H1127



Fan-H1152



Fan-H1127



Fan-H1152

MATERIAL : 1) HOT ROLLED MILL STEEL (SPHCL), STAINLESS STEEL (SS304 & SS316), ALUMINUM, THICKNESS : 2.0mm, 1.8mm, 1.7mm

FINISHING : HOT DIP GALVANIZED (BS 720, DIN 50978), POWDER COATING, ELECTRO GALVANIZED

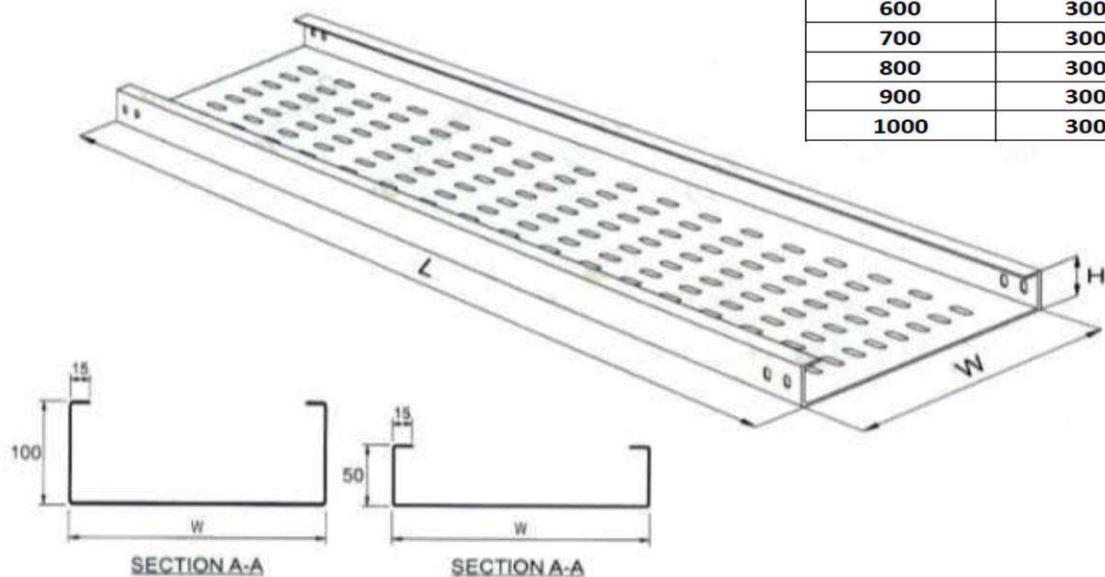
OTHER DIMENSIONS ARE AVAILABLE UPON SPECIAL REQUIREMENT

CABLE TRAY C - TYPE

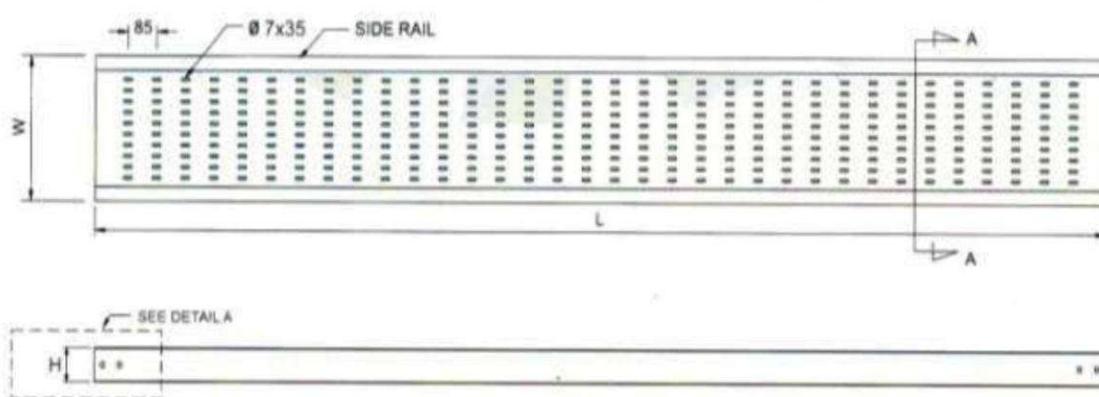


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Straight Tray



W	L
50	3000
100	3000
150	3000
200	3000
250	3000
300	3000
350	3000
400	3000
500	3000
600	3000
700	3000
800	3000
900	3000
1000	3000



MATERIAL : HOT ROLLED MILL STEEL (SPHC), STAINLESS STEEL (SUS304 & SUS316), ALUMUNIUM, THICKNESS : 2.0mm, 1.8mm, 1.2mm
FINISHING : HOT DIP GALVANIZED (BS 729, DIN 50978) / POWDER COATING, ELECTRO GALVANIZED
OTHER DIMENSIONS ARE AVAILABLE UPON SPECIAL REQUIREMENT

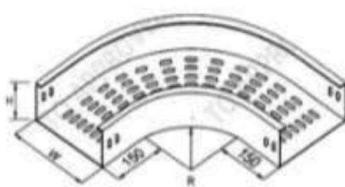
CABLE TRAY C - TYPE



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www.arbrion-asia.com

Horizontal Elbow (TCE-R)

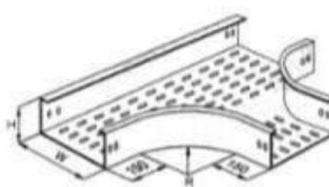
Radius Type



W	H	R
50	50	300
100	50	300
150	50	300
200	50	300
250	50	300
300	50	300
350	50	300
400	50	300
450	50	300
500	50	300
600	50	300
700	50	300
800	50	300
1000	50	300

Horizontal Tee (TCT-R)

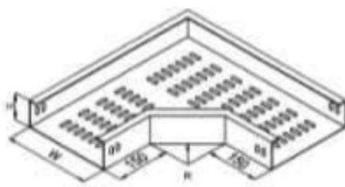
Radius Type



W	H	R
50	100	300
100	100	300
150	100	300
200	100	300
250	100	300
300	100	300
350	100	300
400	100	300
450	100	300
500	100	300
600	100	300
700	100	300
800	100	300
1000	100	300

Horizontal Elbow (TCE-D)

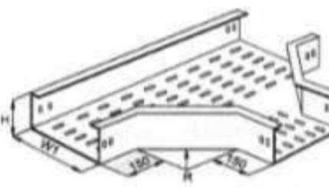
Diagonal Type



W	H	R
50	50	300
100	50	300
150	50	300
200	50	300
250	50	300
300	50	300
350	50	300
400	50	300
450	50	300
500	50	300
600	50	300
700	50	300
800	50	300
1000	50	300

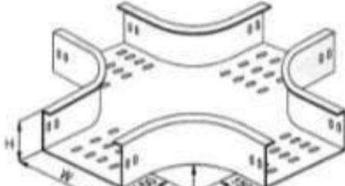
Horizontal Tee (TCT-D)

Diagonal Type



Horizontal Cross (TCC-R)

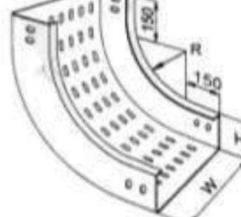
Radius Type



W	H	R
50	50	300
100	50	300
150	50	300
200	50	300
250	50	300
300	50	300
350	50	300
400	50	300
450	50	300
500	50	300
600	50	300
700	50	300
800	50	300
1000	50	300

Vertical Inside Riser (TCI-R)

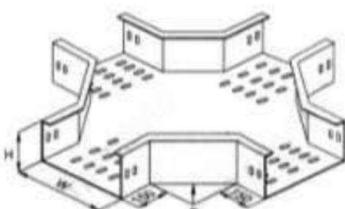
Radius Type



W	H	R
50	100	300
100	100	300
150	100	300
200	100	300
250	100	300
300	100	300
350	100	300
400	100	300
450	100	300
500	100	300
600	100	300
700	100	300
800	100	300
1000	100	300

Horizontal Cross (TCC-D)

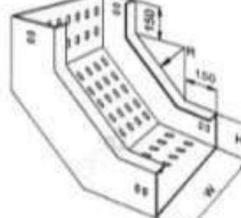
Diagonal Type



W	H	R
50	50	300
100	50	300
150	50	300
200	50	300
250	50	300
300	50	300
350	50	300
400	50	300
450	50	300
500	50	300
600	50	300
700	50	300
800	50	300
1000	50	300

Vertical Inside Riser (TCI-D)

Diagonal Type



MATERIAL : HOT ROLLED MILL STEEL (SPHC), STAINLESS STEEL (SUS304 & SUS316), ALUMINUM, THICKNESS : 2.0mm, 1.8mm, 1.2mm
 FINISHING : HOT DIP GALVANIZED (BS 729, DIN 50978) / POWDER COATING, ELECTRO GALVANIZED
 OTHER DIMENSIONS ARE AVAILABLE UPON SPECIAL REQUIREMENT

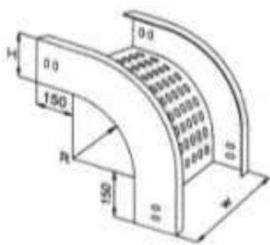
CABLE TRAY C - TYPE



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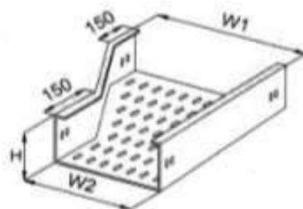
Vertical Outside Riser (HO-R)

Radius Type



W	H	R
50	50	300
100	50	300
150	50	300
200	50	300
250	50	300
300	50	300
350	50	300
400	50	300
450	50	300
500	50	300
600	50	300
700	50	300
800	50	300
1000	50	300

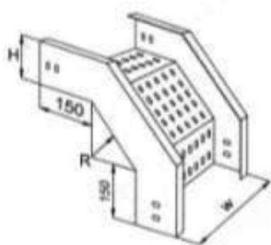
Left Hand Reducer (HLR)



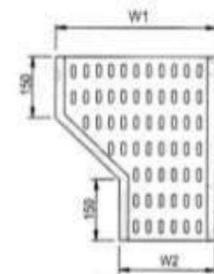
W1	W2	H
100	50	50
150	100	50
200	150	50
250	200	50
300	250	50
350	300	50
400	350	50
450	400	50
500	450	50
600	500	50
700	600	50
800	700	50
900	800	50
1000	900	50

Vertical Outside Riser (HO-D)

Diagonal Type



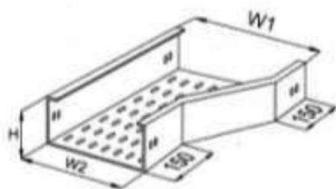
W	H	R
50	100	300
100	100	300
150	100	300
200	100	300
250	100	300
300	100	300
350	100	300
400	100	300
450	100	300
500	100	300
600	100	300
700	100	300
800	100	300
1000	100	300



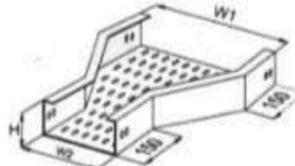
W1	W2	H
100	50	100
150	100	100
200	150	100
250	200	100
300	250	100
350	300	100
400	350	100
450	400	100
500	450	100
600	500	100
700	600	100
800	700	100
900	800	100
1000	900	100

Right Hand Reducer (HRR)

Straight Reducer (HSR)



W1	W2	H
100	50	50
150	100	50
200	150	50
250	200	50
300	250	50
350	300	50
400	350	50
450	400	50
500	450	50
600	500	50
700	600	50
800	700	50
900	800	50
1000	900	50



W1	W2	H
100	50	100
150	100	100
200	150	100
250	200	100
300	250	100
350	300	100
400	350	100
450	400	100
500	450	100
600	500	100
700	600	100
800	700	100
900	800	100
1000	900	100

MATERIAL : HOT ROLLED MILL STEEL (SPHC), STAINLESS STEEL (SUS304 & SUS316), ALUMUNIUM, THICKNESS : 2.0mm, 1.8mm, 1.2mm
 FINISHING : HOT DIP GALVANIZED (BS 729, DIN 50978) / POWDER COATING, ELECTRO GALVANIZED
 OTHER DIMENSIONS ARE AVAILABLE UPON SPECIAL REQUIREMENT

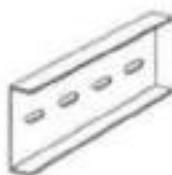
CABLE TRAY C - TYPE



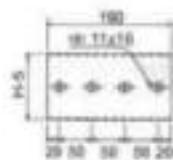
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Jointing Set

Part No. 001-000000000000



Side view



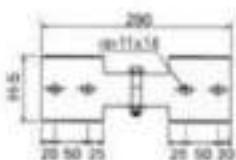
Front view Part No. 001-000000000000

Horizontal Fish Plate

Part No. 001-000000000000



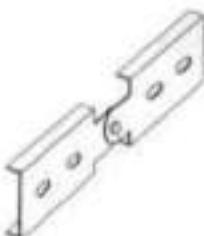
Side view



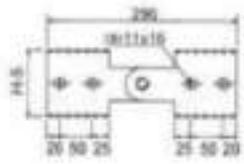
Front view Part No. 001-000000000000

Vertical Fish Plate

Part No. 001-000000000000



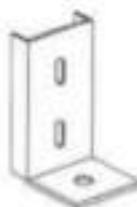
Side view



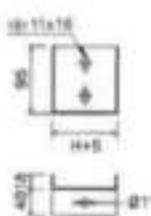
Front view Part No. 001-000000000000

Splice Plate Set for Stand

Part No. 001-000000000000



Front view Part No. 001-000000000000



Front view Part No. 001-000000000000



Front view Part No. 001-000000000000

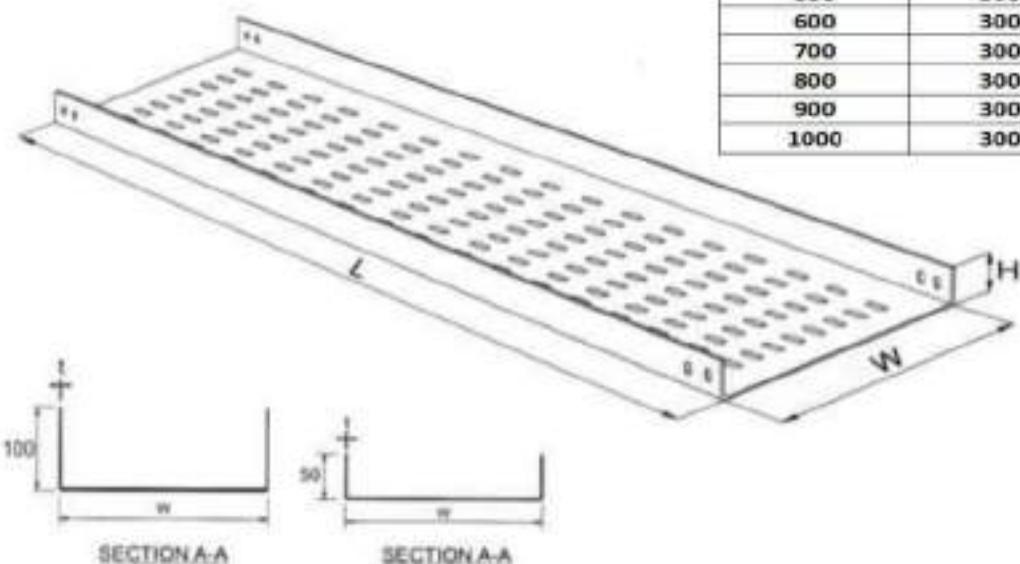
MATERIAL : HOT ROLLED MILD STEEL (SPH), STAINLESS STEEL (SS304 & SS316), ALUMINUM, THICKNESS : 2.0mm, 1.8mm, 1.2mm
FINISHING : HOT DIP GALVANIZED (BS 725, DIN 50978) / POWDER COATING, ELECTRO GALVANIZED
OTHER DIMENSIONS ARE AVAILABLE UPON SPECIAL REQUIREMENT

CABLE TRAY U - TYPE

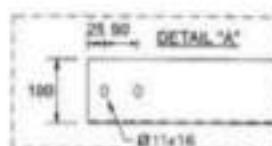
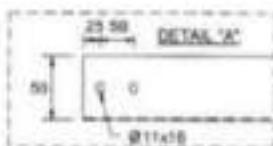
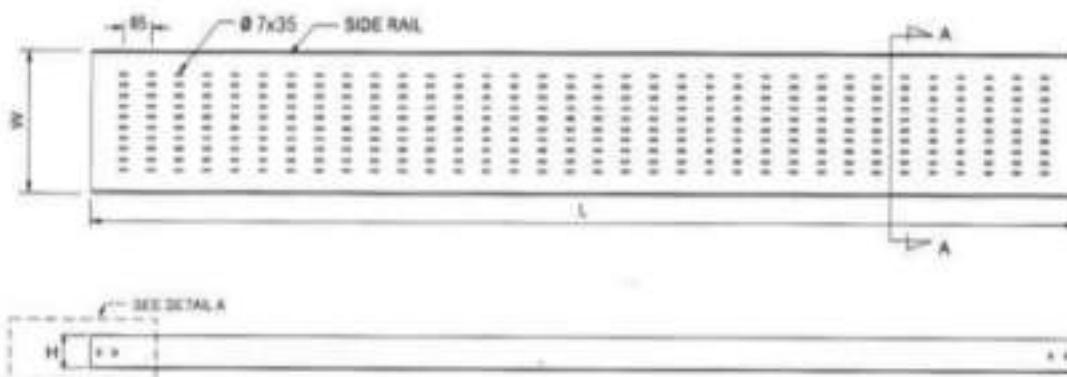


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Straight Tray



W	L
50	3000
100	3000
150	3000
200	3000
250	3000
300	3000
350	3000
400	3000
500	3000
600	3000
700	3000
800	3000
900	3000
1000	3000



MATERIAL : HOT ROLLED MILD STEEL (SPH C), STAINLESS STEEL (SS304 & SS316), ALUMINUM, THICKNESS : 2.0mm, 1.8mm, 1.2mm
FINISHING : HOT DIP GALVANIZED (BS 725, DIN 50978) / POWDER COATING, ELECTRO GALVANIZED
OTHER DIMENSIONS ARE AVAILABLE UPON SPECIAL REQUIREMENT

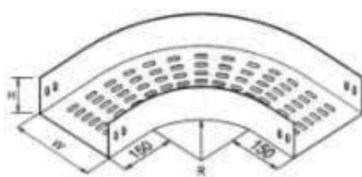
CABLE TRAY U - TYPE



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Horizontal Elbow (TUE-R)

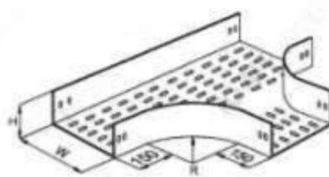
Radius Type



W	H	R
50	50	300
100	50	300
150	50	300
200	50	300
250	50	300
300	50	300
350	50	300
400	50	300
450	50	300
500	50	300
600	50	300
700	50	300
800	50	300
1000	50	300

Horizontal Tee (TUT-R)

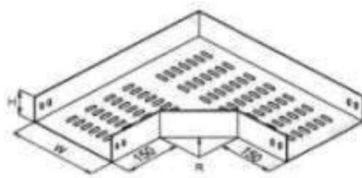
Radius Type



W	H	R
50	100	300
100	100	300
150	100	300
200	100	300
250	100	300
300	100	300
350	100	300
400	100	300
450	100	300
500	100	300
600	100	300
700	100	300
800	100	300
1000	100	300

Horizontal Elbow (TUE-D)

Diagonal Type



W	H	R
50	50	300
100	50	300
150	50	300
200	50	300
250	50	300
300	50	300
350	50	300
400	50	300
450	50	300
500	50	300
600	50	300
700	50	300
800	50	300
1000	50	300

Horizontal Tee (TUT-D)

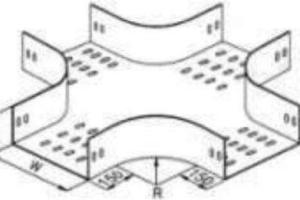
Diagonal Type



W	H	R
50	100	300
100	100	300
150	100	300
200	100	300
250	100	300
300	100	300
350	100	300
400	100	300
450	100	300
500	100	300
600	100	300
700	100	300
800	100	300
1000	100	300

Horizontal Cross (TUC-R)

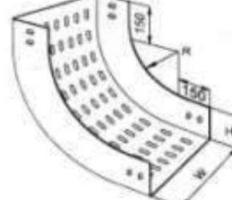
Radius Type



W	H	R
50	50	300
100	50	300
150	50	300
200	50	300
250	50	300
300	50	300
350	50	300
400	50	300
450	50	300
500	50	300
600	50	300
700	50	300
800	50	300
1000	50	300

Vertical Inside Riser (TUI-R)

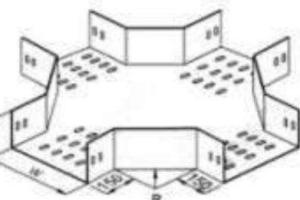
Radius Type



W	H	R
50	100	300
100	100	300
150	100	300
200	100	300
250	100	300
300	100	300
350	100	300
400	100	300
450	100	300
500	100	300
600	100	300
700	100	300
800	100	300
1000	100	300

Horizontal Cross (TUC-D)

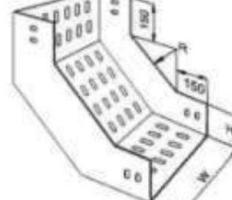
Diagonal Type



W	H	R
50	50	300
100	50	300
150	50	300
200	50	300
250	50	300
300	50	300
350	50	300
400	50	300
450	50	300
500	50	300
600	50	300
700	50	300
800	50	300
1000	50	300

Vertical Inside Riser (TUI-D)

Diagonal Type



MATERIAL : HOT ROLLED MILL STEEL (SPHC), STAINLESS STEEL (SUS304 & SUS316), ALUMUNIUM, THICKNESS : 2.0mm, 1.8mm, 1.2mm
 FINISHING : HOT DIP GALVANIZED (BS 729, DIN 50978) / POWDER COATING, ELECTRO GALVANIZED
 OTHER DIMENSIONS ARE AVAILABLE UPON SPECIAL REQUIREMENT

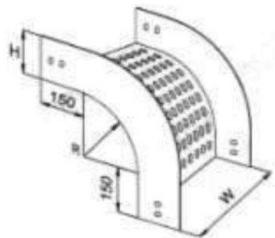
CABLE TRAY U - TYPE



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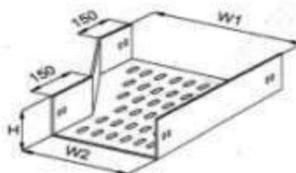
Vertical Outside Riser (TUO-R)

Radius Type



W	H	R
50	50	300
100	50	300
150	50	300
200	50	300
250	50	300
300	50	300
350	50	300
400	50	300
450	50	300
500	50	300
600	50	300
700	50	300
800	50	300
1000	50	300

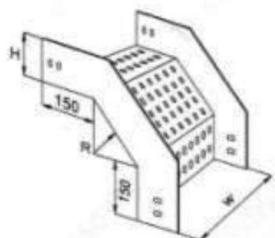
Left Hand Reducer (TULR)



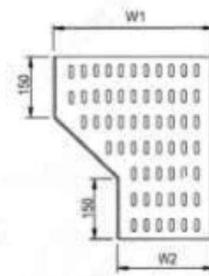
W1	W2	H
100	50	50
150	100	50
200	150	50
250	200	50
300	250	50
350	300	50
400	350	50
450	400	50
500	450	50
600	500	50
700	600	50
800	700	50
900	800	50
1000	900	50

Vertical Outside Riser (TUO-D)

Diagonal Type

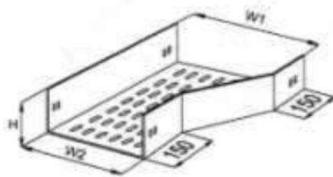


W	H	R
50	100	300
100	100	300
150	100	300
200	100	300
250	100	300
300	100	300
350	100	300
400	100	300
450	100	300
500	100	300
600	100	300
700	100	300
800	100	300
1000	100	300

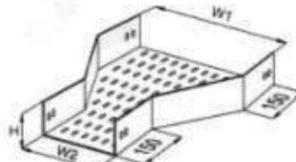


Right Hand Reducer (TURR)

Straight Reducer (TUSR)



W1	W2	H
100	50	50
150	100	50
200	150	50
250	200	50
300	250	50
350	300	50
400	350	50
450	400	50
500	450	50
600	500	50
700	600	50
800	700	50
900	800	50
1000	900	50



W1	W2	H
100	50	100
150	100	100
200	150	100
250	200	100
300	250	100
350	300	100
400	350	100
450	400	100
500	450	100
600	500	100
700	600	100
800	700	100
900	800	100
1000	900	100

MATERIAL : HOT ROLLED MILL STEEL (SPHC), STAINLESS STEEL (SUS304 & SUS316), ALUMUNIUM, THICKNESS : 2.0mm, 1.8mm, 1.2mm
 FINISHING : HOT DIP GALVANIZED (BS 729, DIN 50978) / POWDER COATING, ELECTRO GALVANIZED
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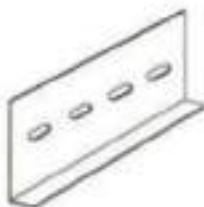
CABLE TRAY U - TYPE



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Jointing Set

For HTG / HTD



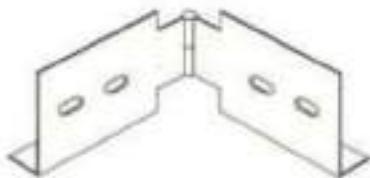
15
41



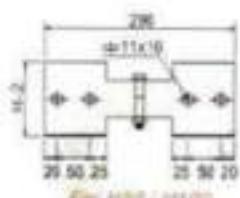
Side view

Horizontal Fish Plate

For HTG / HTD



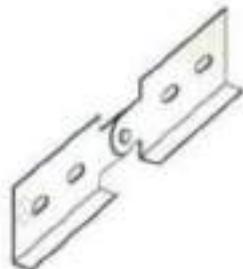
15
41



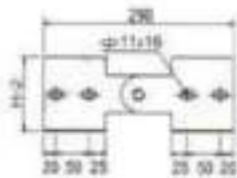
Side view

Vertical Fish Plate

For HTG / HTD



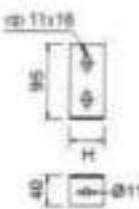
15
41



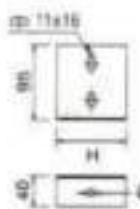
Side view

Splice Plate Set for Stand

For HTG / HTD



Front view



Front view



Side view

MATERIAL : HOT ROLLED MILL STEEL (SPHCL, STAINLESS STEEL (SS304 & SS316), ALUMINUM, THICKNESS : 2.0mm, 1.8mm, 1.2mm
FINISHING : HOT DIP GALVANIZED (BS 725, DIN 50978), POWDER COATING, ELECTRO GALVANIZED
OTHER DIMENSIONS ARE AVAILABLE UPON SPECIAL REQUIREMENT

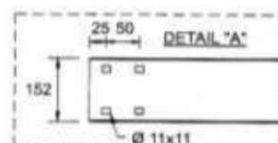
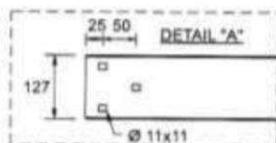
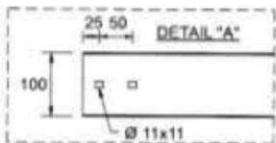
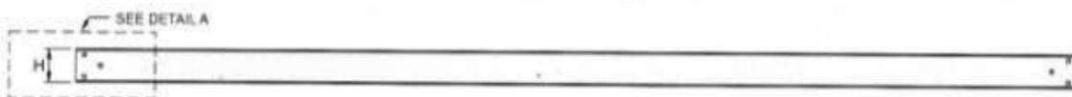
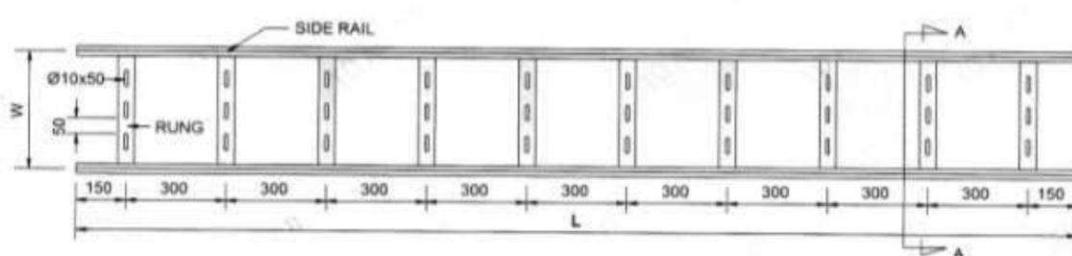
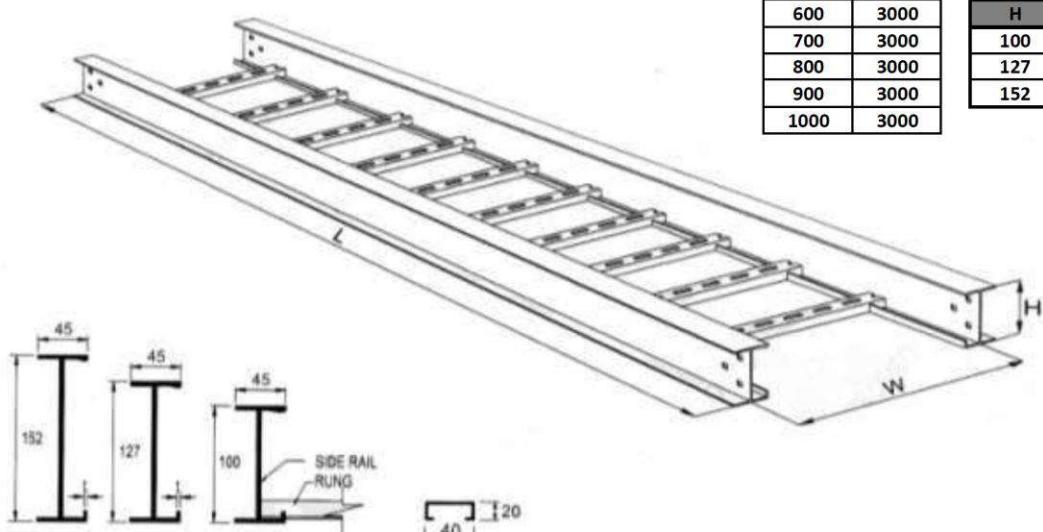


CABLE LADDER AL - I - TYPE



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Straight Ladder



MATERIAL : HOT ROLLED MILL STEEL (SPHC), STAINLESS STEEL (SUS304 & SUS316), ALUMUNIUM, THICKNESS : 2.0mm, 1.8mm, 1.2mm
 FINISHING : HOT DIP GALVANIZED (BS 729, DIN 50978) / POWDER COATING, ELECTRO GALVANIZED
 OTHER DIMENSIONS ARE AVAILABLE UPON SPECIAL REQUIREMENT

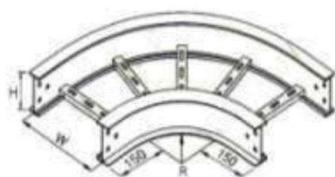
CABLE LADDER AL - I - TYPE



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Horizontal Elbow (IE-R)

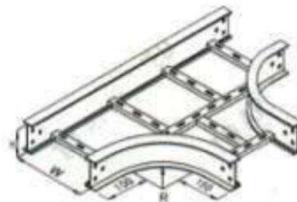
Radius Type



W	H	R
100	100	300
150	100	300
200	100	300
250	100	300
300	100	300
350	100	300
400	100	300
450	100	300
500	100	300
600	100	300
700	100	300
800	100	300
1000	100	300

Horizontal Tee (IT-R)

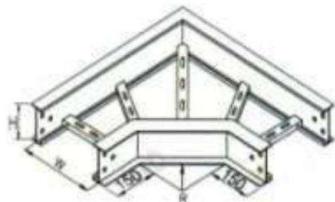
Radius Type



W	H	R
100	152	300
150	152	300
200	152	300
250	152	300
300	152	300
350	152	300
400	152	300
450	152	300
500	152	300
600	152	300
700	152	300
800	152	300
1000	152	300

Horizontal Elbow (IE-D)

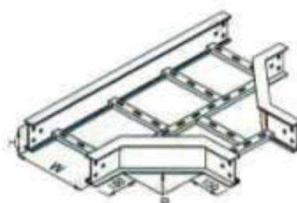
Diagonal Type



W	H	R
100	127	300
150	127	300
200	127	300
250	127	300
300	127	300
350	127	300
400	127	300
450	127	300
500	127	300
600	127	300
700	127	300
800	127	300
1000	127	300

Horizontal Tee (IT-D)

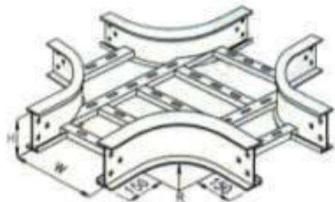
Diagonal Type



W	H	R
100	152	300
150	152	300
200	152	300
250	152	300
300	152	300
350	152	300
400	152	300
450	152	300
500	152	300
600	152	300
700	152	300
800	152	300
1000	152	300

Horizontal Cross (IC-R)

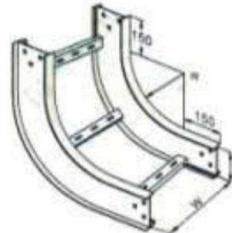
Radius Type



W	H	R
100	100	300
150	100	300
200	100	300
250	100	300
300	100	300
350	100	300
400	100	300
450	100	300
500	100	300
600	100	300
700	100	300
800	100	300
1000	100	300

Vertical Inside Riser (II-R)

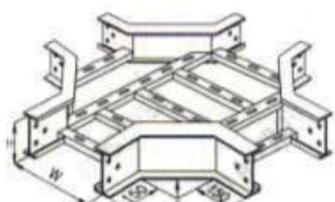
Radius Type



W	H	R
100	152	300
150	152	300
200	152	300
250	152	300
300	152	300
350	152	300
400	152	300
450	152	300
500	152	300
600	152	300
700	152	300
800	152	300
1000	152	300

Horizontal Cross (IC-D)

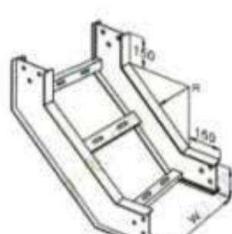
Diagonal Type



W	H	R
100	127	300
150	127	300
200	127	300
250	127	300
300	127	300
350	127	300
400	127	300
450	127	300
500	127	300
600	127	300
700	127	300
800	127	300
1000	127	300

Vertical Inside Riser (II-D)

Diagonal Type



W	H	R
100	152	300
150	152	300
200	152	300
250	152	300
300	152	300
350	152	300
400	152	300
450	152	300
500	152	300
600	152	300
700	152	300
800	152	300
1000	152	300

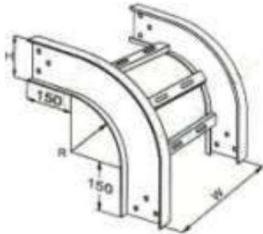
MATERIAL : HOT ROLLED MILL STEEL (SPHC), STAINLESS STEEL (SUS304 & SUS316), ALUMUNIUM, THICKNESS : 2.0mm, 1.8mm, 1.2mm
 FINISHING : HOT DIP GALVANIZED (BS 729, DIN 50978) / POWDER COATING, ELECTRO GALVANIZED
 OTHER DIMENSIONS ARE AVAILABLE UPON SPECIAL REQUIREMENT

CABLE LADDER AL - I - TYPE



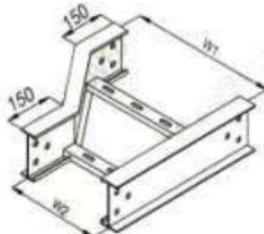
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Vertical Outside Riser (IO-R)
Radius Type



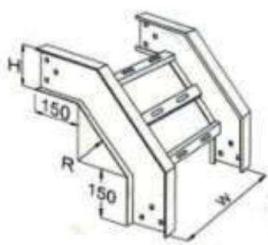
W	H	R
100	100	300
150	100	300
200	100	300
250	100	300
300	100	300
350	100	300
400	100	300
450	100	300
500	100	300
600	100	300
700	100	300
800	100	300
1000	100	300

Left Hand Reducer (ILR)

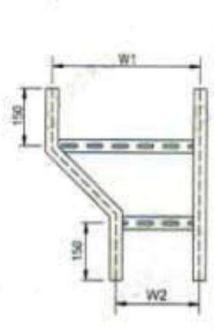


W	H	R
50	152	300
100	152	300
150	152	300
200	152	300
250	152	300
300	152	300
350	152	300
400	152	300
450	152	300
500	152	300
600	152	300
700	152	300
800	152	300
1000	152	300

Vertical Outside Riser (IO-D)
Diagonal Type

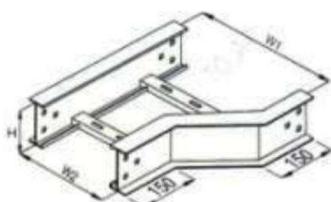


W	H	R
50	127	300
100	127	300
150	127	300
200	127	300
250	127	300
300	127	300
350	127	300
400	127	300
450	127	300
500	127	300
600	127	300
700	127	300
800	127	300
1000	127	300



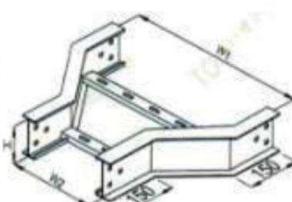
W1	W2	H
100	50	100
150	100	100
200	150	100
250	200	100
300	250	100
350	300	100
400	350	100
450	400	100
500	450	100
600	500	100
700	600	100
800	700	100
900	800	100
1000	900	100

Right Hand Reducer (IRR)



W1	W2	H
100	50	127
150	100	127
200	150	127
250	200	127
300	250	127
350	300	127
400	350	127
450	400	127
500	450	127
600	500	127
700	600	127
800	700	127
900	800	127
1000	900	127

Straight Reducer (ISR)



W1	W2	H
100	50	152
150	100	152
200	150	152
250	200	152
300	250	152
350	300	152
400	350	152
450	400	152
500	450	152
600	500	152
700	600	152
800	700	152
900	800	152
1000	900	152

MATERIAL : HOT ROLLED MILL STEEL (SPHC), STAINLESS STEEL (SUS304 & SUS316), ALUMINUM, THICKNESS : 2.0mm, 1.8mm, 1.2mm
 FINISHING : HOT DIP GALVANIZED (BS 729, DIN 50978) / POWDER COATING, ELECTRO GALVANIZED
 OTHER DIMENSIONS ARE AVAILABLE UPON SPECIAL REQUIREMENT

CABLE LADDER AL - I - TYPE



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Jointing Set

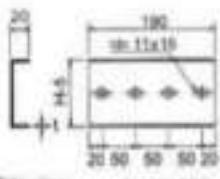
Fair H1100



Fair H1127



Side view

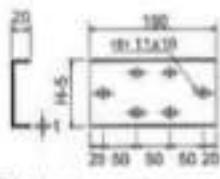


Fair H1100

Fair H1127

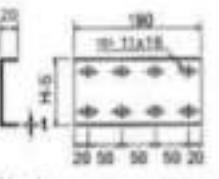


Side view



Fair H1127

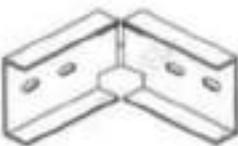
Side view



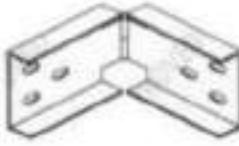
Fair H1152

Horizontal Fish Plate

Fair H1100

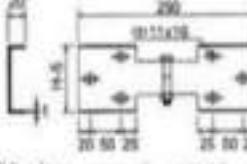


Fair H1127

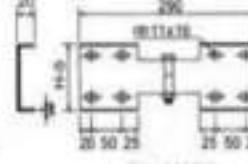


Side view

Fair H1100



Fair H1100



Fair H1127

Side view

Fair H1152

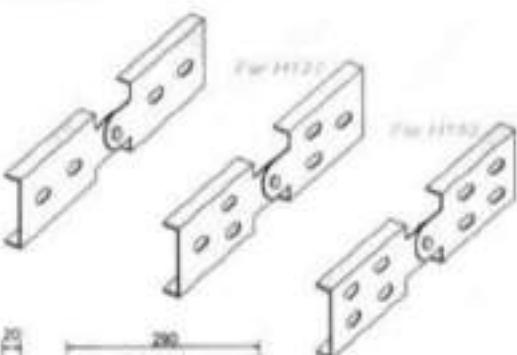
Vertical Fish Plate

Fair V1100

Fair H1120

Fair H1150

Fair H1152



Side view

Fair H1100

Fair H1120

Fair H1150

Fair H1152

Side view

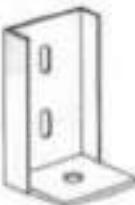
Fair H1120

Fair H1150

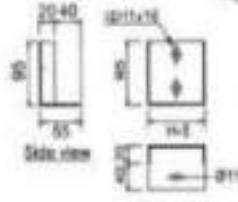
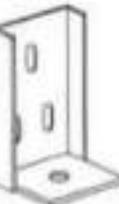
Fair H1152

Splice Plate Set for Stand

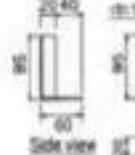
Fair H1100



Fair H1127



Fair H1100



Fair H1127



Fair H1152

MATERIAL : HOT ROLLED MILD STEEL (SPH C), STAINLESS STEEL (SUS304 & SUS316), ALUMINUM, THICKNESS : 2.0mm, 1.8mm, 1.2mm
 FINISHING : HOT DIP GALVANIZED (BS 725, DIN 50978) / POWDER COATING, ELECTRO GALVANIZED
 OTHER DIMENSIONS ARE AVAILABLE UPON SPECIAL REQUIREMENT

ACCESSORIES & COVERS

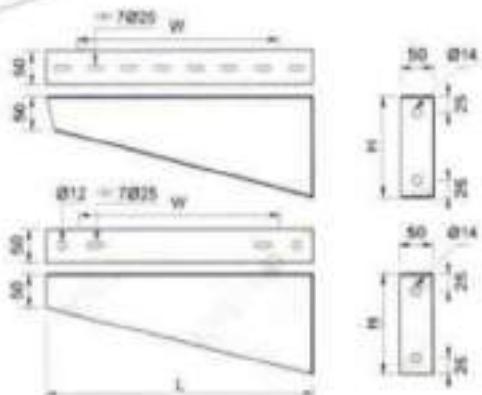


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Bracket Support (BS)



W	H	L
100	130	130
200	150	250
300	180	350
400	200	450
500	250	550
600	280	650
800	300	750
1000	330	850



Hanger Beam (HB-2050)



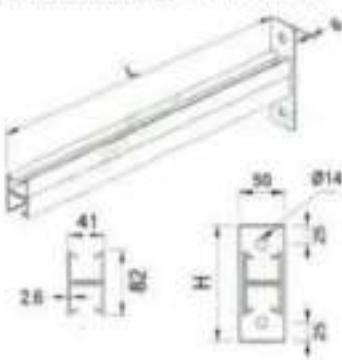
W		L
200	-	300
300	-	400
400	-	500
500	-	600
600	-	700
800	-	900
1000	-	1100

Hanger Beam (HB-2020)



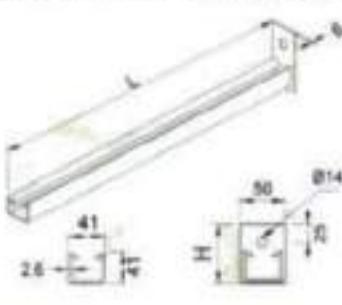
W	-	L
250	-	300
300	-	400
400	-	500
500	-	600
600	-	700
800	-	900
1000	-	1100

Double Channel Bracket (DC)



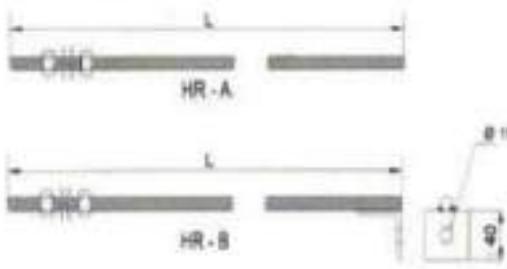
W	H	L
150	150	300
200	150	350
300	150	450
400	150	550
500	150	650
600	150	750
—	—	—
—	—	—

**Medium Duty
Strut Channel Bracket (MDSC)**



W	H	L
150	100	300
200	100	350
300	100	450
400	100	550
500	100	650
600	100	750
—	—	—

Hanger Rod



PART NO.	DIAETER	L
NR-A	18MM OR SPECIAL REQUIREMENT	AVAILABLE 1, 1.5, 2m OR SPECIAL REQUIREMENT
NR-B	18MM OR SPECIAL REQUIREMENT	AVAILABLE 1, 1.5, 2m OR SPECIAL REQUIREMENT

MATERIAL : H04 ROLLED MILL STEEL (SPHCL), STAINLESS STEEL (SUS304 & SUS316), ALUMINUM, THICKNESS : 2.0mm, 1.8mm, 1.2mm
FINISHING : HOT DIP GALVANIZED (BSI 729, DIN 50978) / POWDER COATING, ELECTRO-GALVANIZED
OTHER DIMENSIONS ARE AVAILABLE UPON SPECIAL REQUIREMENT

ACCESSORIES & COVERS



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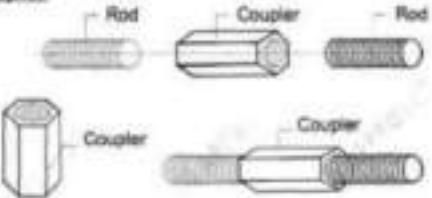
Straight Separator (SS)



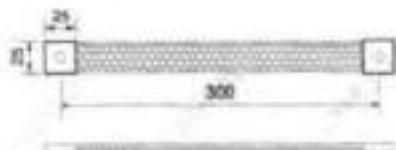
Adjustable Separator (AS)



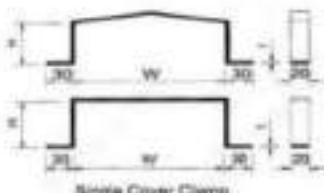
Coupler



Bonding Jumper

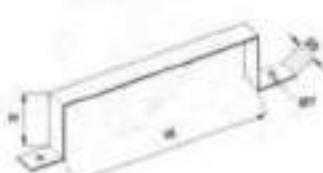


Cover Clamp Peaked Flanged



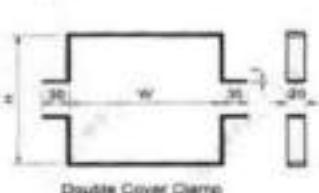
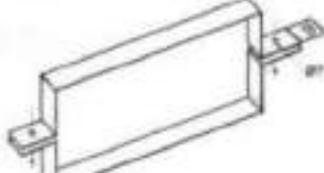
Single Cover Clamp

Single Cover Clamp



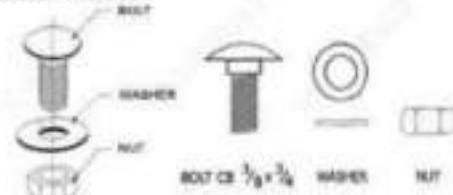
Cover Clamp for Ladder Heavy Duty

Double Cover Clamp

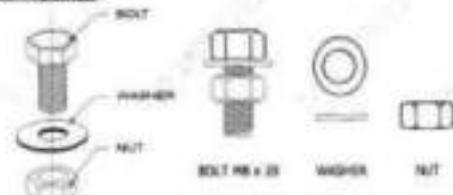


Double Cover Clamp

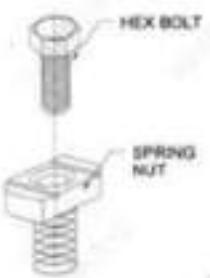
Bolt CB 3/8 + 3/4



Bolt M8 x 20

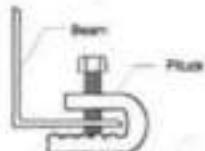


Hex Bolt & Spring Nut



HEX BOLT & SPRING NUT
 3/8" x 3/4" (PERSPECTIVE)

Pluck Clip



PLUCK CLIP

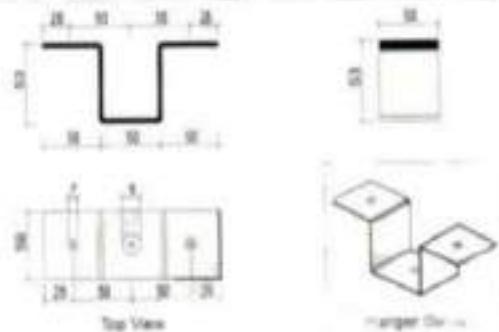
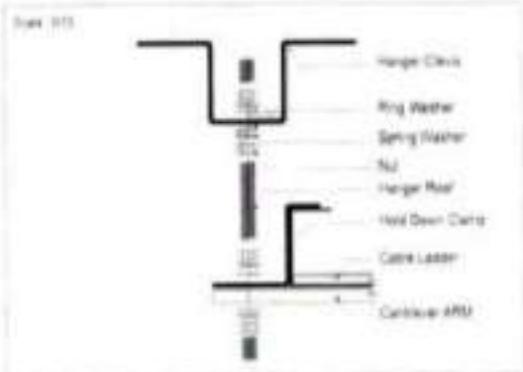
MATERIAL : HOT ROLLED MILD STEEL (SPHC), STAINLESS STEEL (SUS304 & SUS316), ALUMINUM, THICKNESS : 2.0mm, 1.8mm, 1.2mm
 FINISHING : HOT DIP GALVANIZED (BS 725, DIN 50978) / POWDER COATING, ELECTRO GALVANIZED
 OTHER DIMENSIONS ARE AVAILABLE UPON SPECIAL REQUIREMENT

ACCESSORIES & COVERS

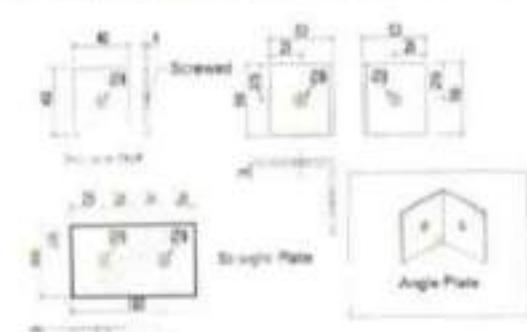
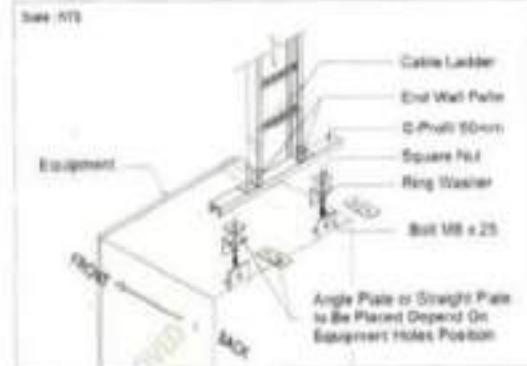


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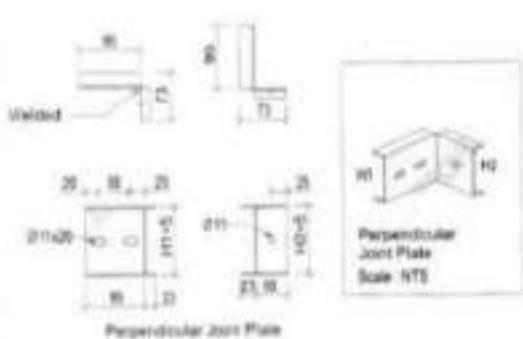
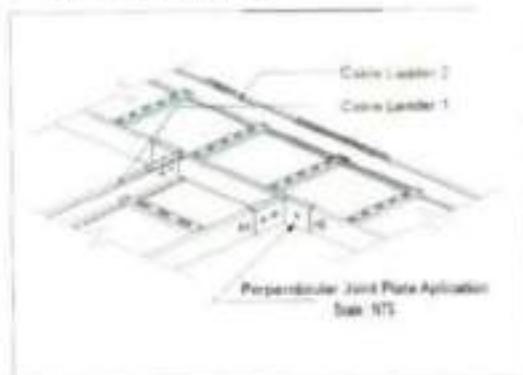
Hanger Clevis



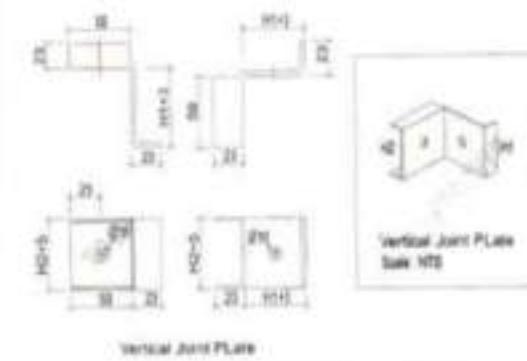
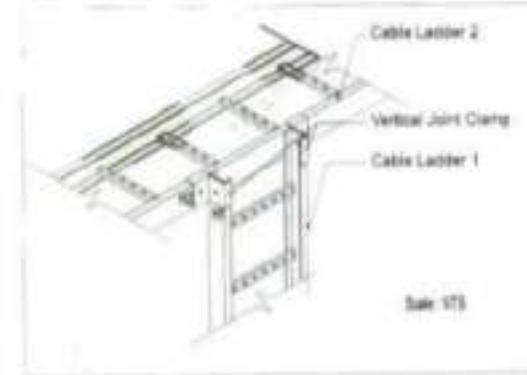
Vertical Ladder to Equipment Installation



Perpendicular Joint Plate



Vertical Joint Clamps



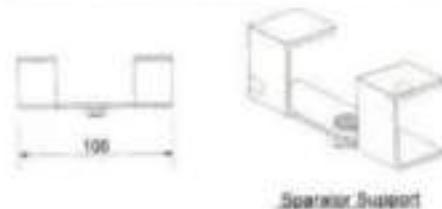
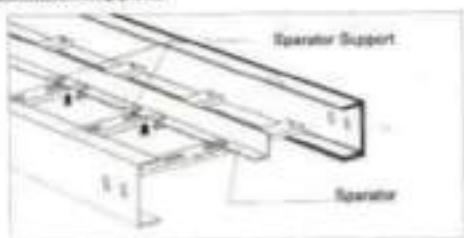
MATERIAL : HOT ROLLED MILL STEEL (SPHCL), STAINLESS STEEL (SS304 & SS316), ALUMINUM, THICKNESS : 2.0mm, 1.8mm, 1.2mm
FINISHING : HOT DIP GALVANIZED (BS 720, DIN 50978), POWDER COATING, ELECTRO GALVANIZED
OTHER DIMENSIONS ARE AVAILABLE UPON SPECIAL REQUIREMENT

ACCESSORIES & COVERS

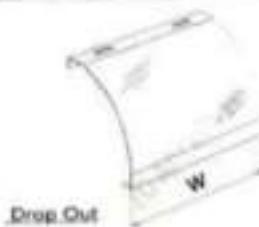
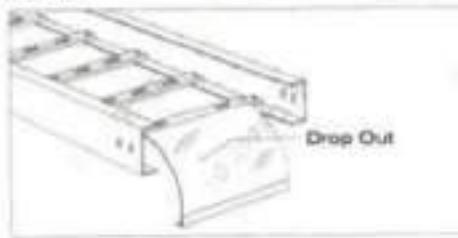


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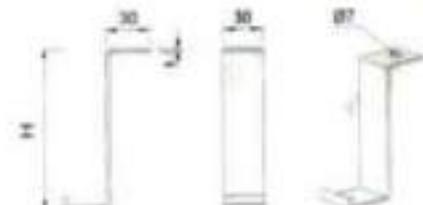
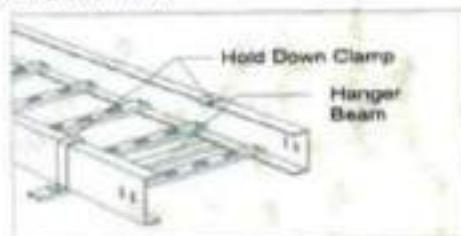
Sparator Support



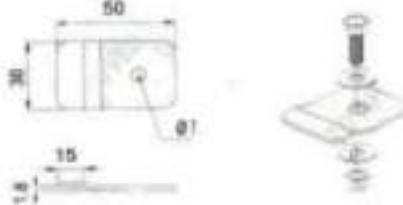
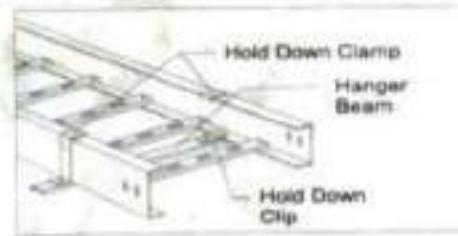
Drop Out



Hold Down Clamp

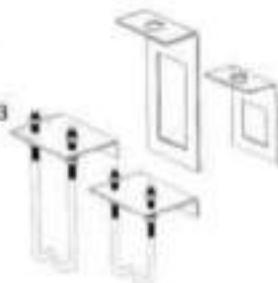


Hold Down Clip

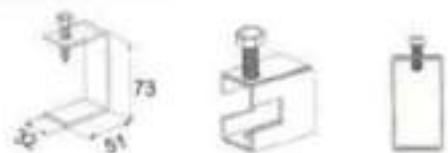


Beam Clamp

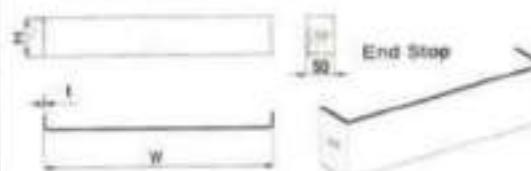
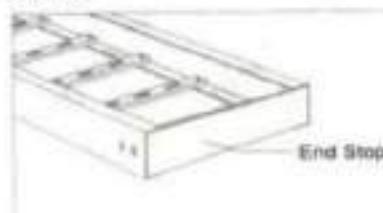
Double & Single
Beam Clamp
for Strut 41.3x41.3



Beam Clamp
SetCrew Included



End Stop



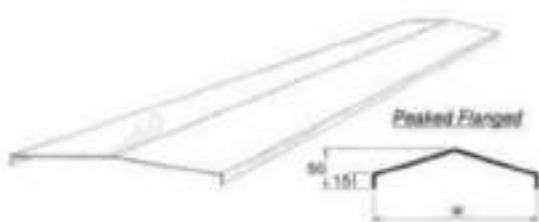
MATERIAL: HOT ROLLED MILL STEEL (SPHCL, STAINLESS STEEL (SUS304 & SUS316), ALUMINUM, THICKNESS: 2.0mm, 1.8mm, 1.2mm
FINISHING: HOT DIP GALVANIZED (BS 720, DIN 50978), POWDER COATING, ELECTRO-GALVANIZED
OTHER DIMENSIONS ARE AVAILABLE UPON SPECIAL REQUIREMENT

ACCESSORIES & COVERS

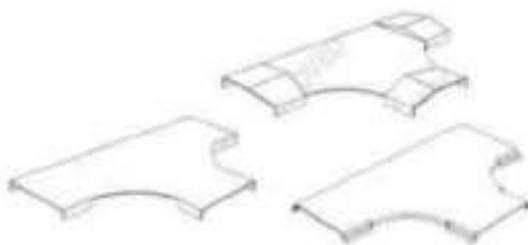


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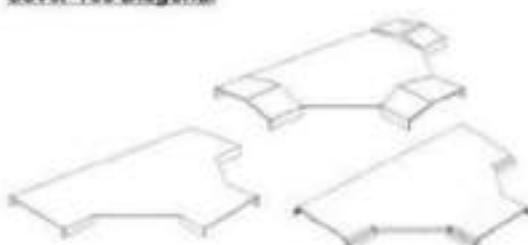
Straight Cover



Cover Tee Radius



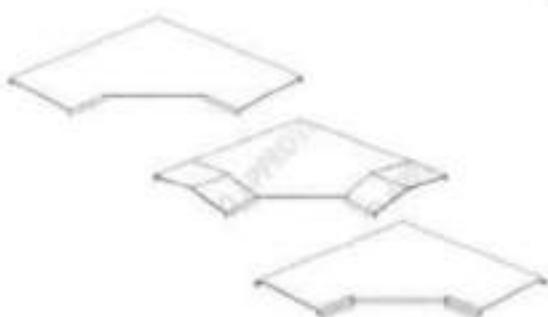
Cover Tee Diagonal



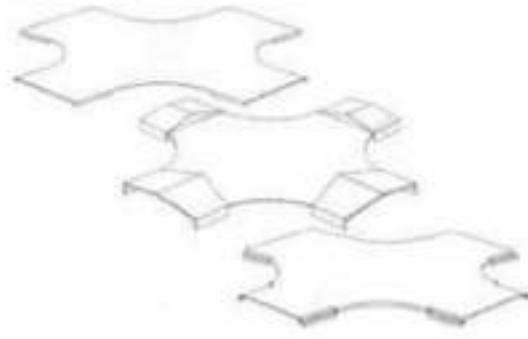
Cover Elbow Radius



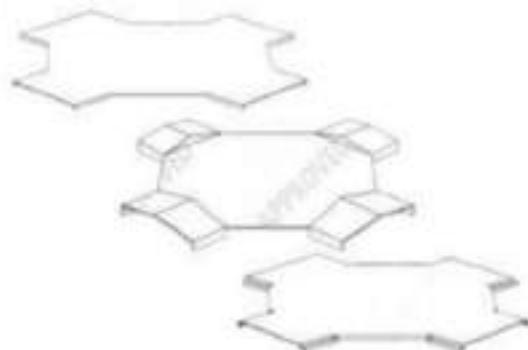
Cover Elbow Diagonal



Cover Cross Radius



Cover Cross Diagonal



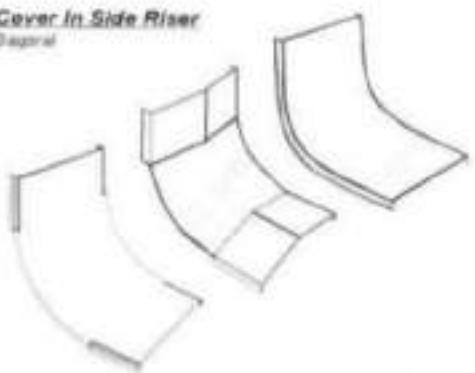
MATERIAL : HOT ROLLED MILD STEEL (SPH C), STAINLESS STEEL (SUS304 & SUS316), ALUMINUM, THICKNESS : 2.0mm, 1.8mm, 1.2mm
FINISHING : HOT DIP GALVANIZED (BS 725, DIN 50978) / POWDER COATING, ELECTRO GALVANIZED
OTHER DIMENSIONS ARE AVAILABLE UPON SPECIAL REQUIREMENT

ACCESSORIES & COVERS

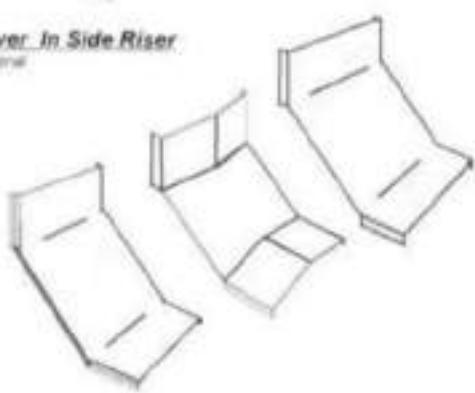


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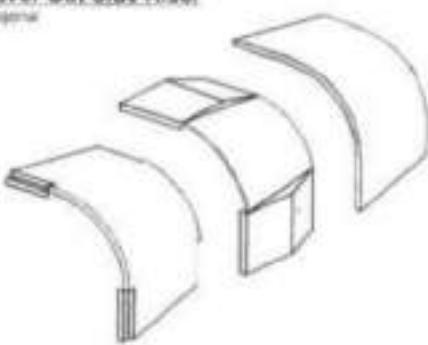
Cover In Side Riser
Diagonal



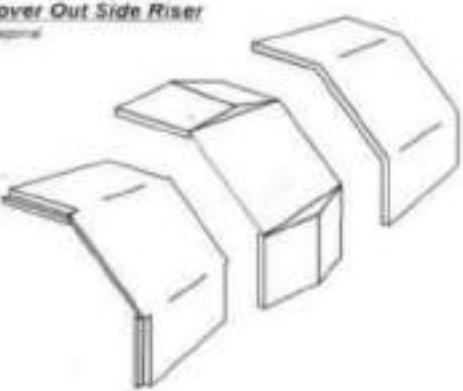
Cover In Side Riser
Diagonal



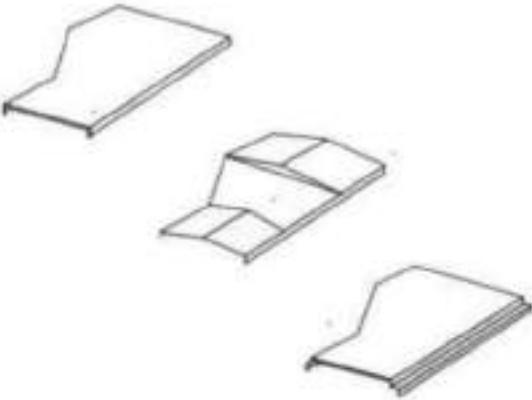
Cover Out Side Riser
Diagonal



Cover Out Side Riser
Diagonal



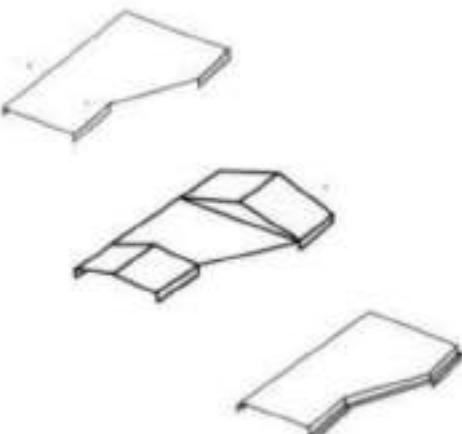
Cover Left Hand Reducer



Cover Straight hand Reducer



Cover Right Hand Reducer

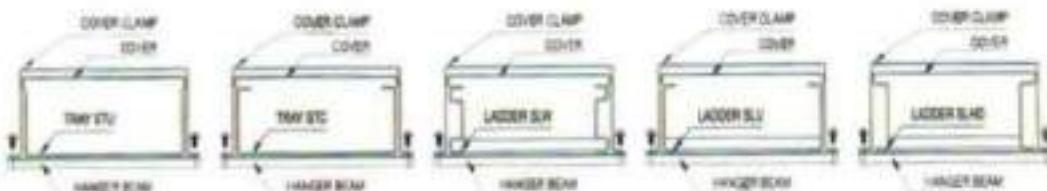


MATERIAL : HOT ROLLED MILD STEEL (SPH C), STAINLESS STEEL (SUS304 & SUS316), ALUMINUM, THICKNESS : 2.0mm, 1.8mm, 1.2mm
FINISHING : HOT DIP GALVANIZED (BS 725, DIN 50978) / POWDER COATING, ELECTRO GALVANIZED
OTHER DIMENSIONS ARE AVAILABLE UPON SPECIAL REQUIREMENT

ACCESSORIES & COVERS



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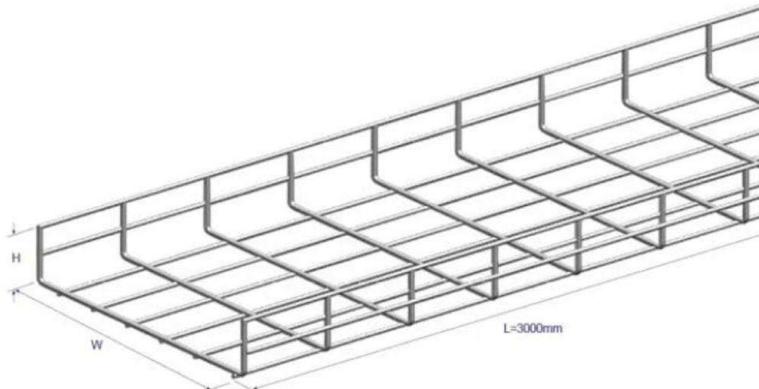


MATERIAL : HOT ROLLED MILL STEEL (SPHCL), STAINLESS STEEL (SS304 & SS316), ALUMINUM, THICKNESS : 2.0mm, 1.8mm, 1.2mm
FINISHING : HOT DIP GALVANIZED (BS 720, DIN 50978), POWDER COATING, ELECTRO GALVANIZED
OTHER DIMENSIONS ARE AVAILABLE UPON SPECIAL REQUIREMENT

CABLE CAGE/BASKET TRAY/WIREMESH



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W	L
50	3000
100	3000
150	3000
200	3000
250	3000
300	3000
350	3000
400	3000
500	3000
600	3000
700	3000
800	3000
900	3000
1000	3000

Height: 2.38" (60 mm)
Length: 118.312" (3 meter)
Wire Dia. Minimum: .196" (5.0 mm)
Finishes:
EG, GS, BLE, HD, 304S, 316S

2.38" (60 mm)

Part Number	Width in. (mm)	Wt. Per Pc. lbs. (kg)
FT2X2X10	2 (50)	6.6 (2.99)
FT2X4X10	4 (100)	8.2 (3.72)
FT2X6X10	6 (150)	9.7 (4.40)
FT2X8X10	8 (200)	11.2 (5.08)
FT2X12X10	12 (300)	14.3 (6.48)
FT2X16X10	16 (400)	17.4 (7.89)
FT2X18X10	18 (450)	18.9 (8.57)
FT2X20X10	20 (500)	20.4 (9.25)
FT2X24X10	24 (600)	23.5 (10.66)
FT2X30X10	30 (750)	28.1 (12.74)
FT2X32X10	32 (800)	29.7 (13.47)

Width

FT2X6 (6" wide) through FT2X32 (32" wide) are UL Classified

MATERIAL : HOT ROLLED MILL STEEL (SPHC), STAINLESS STEEL (SUS304 & SUS316), ALUMUNIUM, THICKNESS : 2.0mm, 1.8mm, 1.2mm
FINISHING : HOT DIP GALVANIZED (BS 729, DIN 50978) / POWDER COATING, ELECTRO GALVANIZED
OTHER DIMENSIONS ARE AVAILABLE UPON SPECIAL REQUIREMENT



CABLE CAGE/BASKET TRAY/WIREMESH



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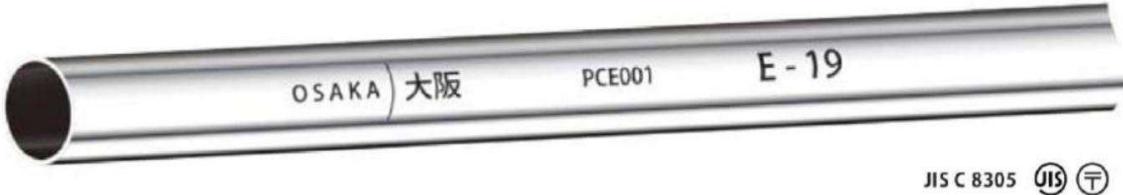
Type	Cutting Pattern	Type	Cutting Pattern
Horizontal Elbow after bending & clamping		Out-Side Riser (Vertical Elbow-Out) after bending No clamp required	
Long Radius Horizontal Elbow after bending & clamping Requirement : Fitting Clamp, including Bolt, Nut, & Washer		Long Radius Out-Side Riser (Vertical Elbow-Out) 90° after bending No clamp required	
In-Side Riser (Vertical Elbow-In) after bending No clamp required		External Riser after bending No clamp required	
Long Radius In-Side Riser (Vertical Elbow-In) 90° after bending No clamp required		Tee Piece Equal after joining & clamping Requirement : Fitting Clamp, Including Bolt, Nut, & Washer	



MATERIAL : HOT ROLLED MILL STEEL (SPHC), STAINLESS STEEL (SUS304 & SUS316), ALUMUNIUM, THICKNESS : 2.0mm, 1.8mm, 1.2mm
 FINISHING : HOT DIP GALVANIZED (BS 729, DIN 50978) / POWDER COATING, ELECTRO GALVANIZED
 OTHER DIMENSIONS ARE AVAILABLE UPON SPECIAL REQUIREMENT

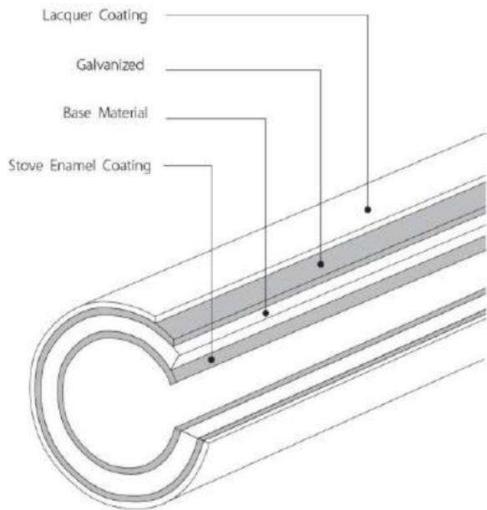


Threadless Steel Pipe



Outstanding Features of OSAKA Conduit

Superior galvanizing by a newly developed, in-line hot-dip process for greater protection against atmospheric corrosion and exterior erosion. Finished with a durable, clear, anti-corrosion coat for additional protection and to assure smooth wire pulling.



Features

1) Easy and accurate bending

OSAKA CONDUIT is processed by high-frequency induction welding to prevent flattening and splitting, and is made from high quality steel.

2) Easy wire pushing and pulling

The high-grade stoved epoxy resin coating on the inside wall makes wire-pulling easy, and protects against corrosion.

3) Easy coupling and fast installation

Precise, sharp threads cut by automated machinery mean fast and easy installation. Precise thread also makes our conduit virtually moisture-tight.

4) High corrosion resistance

Pure zinc coating on the exterior wall and stoved epoxy resin finish on the inside protects white conduit from corrosion, even by harsh chemicals and sea air.

5) Uniform quality

Flat steel is rolled, zinc-coated and threaded in one continuous automated process for uniform high quality.

Plain Conduit E

Type	Outside Diameter		Nominal Wall Thickness		Weight without coupling		
	inch	mm	inch	mm	lbs/ft	kg/ft	kg/m
E-19	0.752	19.1	0.047	1.2	0.357	0.162	0.530
E-25	1.000	25.4	0.047	1.2	0.481	0.218	0.716
E-31	1.250	31.8	0.055	1.4	0.705	0.320	1.050
E-39	1.500	38.1	0.055	1.4	0.853	0.387	1.270
E-51	2.000	50.8	0.055	1.4	1.149	0.521	1.710
E-63	2.500	63.5	0.063	1.6	1.640	0.744	2.440
E-75	3.000	76.2	0.070	1.8	2.218	1.006	3.330

Length is 12 ft. (3660 mm)

Length Tolerance: ± 0.197 inch (5 mm)

Applicable Tolerance: ± 0.006 inch (0.15 mm) for E 51 and smaller sizes

Outside Diameter Tolerance: ± 0.010 inch (0.25 mm) for E 63 and E 75

Weight Tolerance: -7%

Steel Pipe Conduit

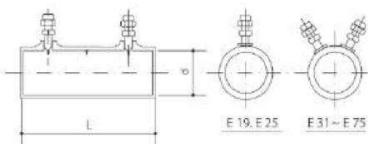


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Set Screw Couplings



JIS C 8330

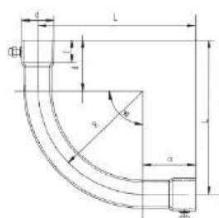


Type	d	L	No. of Screw	Weight (Kg)
E-19	19.6	57	2	0.08
E-25	25.9	66	2	0.10
E-31	32.3	76	4	0.13
E-39	38.6	85	4	0.24
E-51	51.3	95	4	0.33
E-63	64.2	104	4	0.45
E-75	76.9	114	4	0.59

Normal Bend / Elbow



JIS C 8330

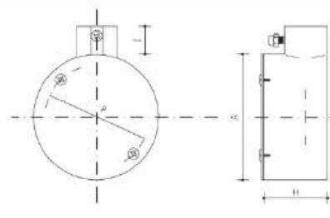


Type	R	t	L	No. of Screw	Weight (Kg)
E-19	120	50	170	1	0.1
E-25	150	60	210	2	0.4
E-31	180	75	255	2	0.6
E-51	230	100	330	2	1.0
E-63	290	120	410	2	1.7
E-75	350	150	500	2	2.8

Circular Surface Box 1 Way (Aluminium)



JIS C 8340

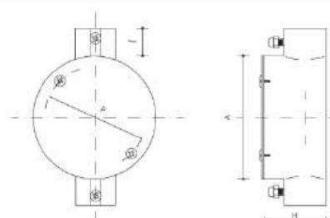


Type	H	A	l	P	Weight (Kg)
E-19	40.5	89.5	20	73	0.38
E-25	40.5	89.5	22	73	0.39
E-31	45	100	23	84	0.49

Circular Surface Box 2 Way Through (Aluminium)



JIS C 8340



Type	H	A	l	P	Weight (Kg)
E-19	40.5	89.5	20	73	0.38
E-25	40.5	89.5	22	73	0.39
E-31	45	100	23	84	0.49

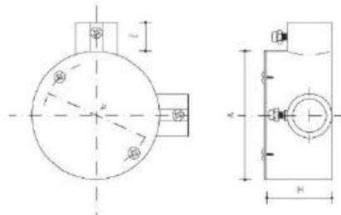
Steel Pipe Conduit



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CONDUIT SYSTEM TYPE E

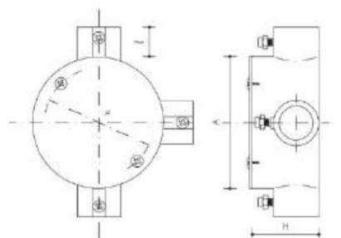
Circular Surface Box 2 Way Angle (Aluminium)



Type	H	A	l	P	Weight (Kg)
E-19	40.5	89.5	20	73	0.38
E-25	40.5	89.5	22	73	0.39
E-31	45	100	23	84	0.49

JIS C 8340

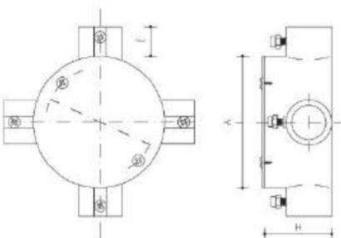
Circular Surface Box 3 Way (Aluminium)



Type	H	A	l	P	Weight (Kg)
E-19	40.5	89.5	20	73	0.38
E-25	40.5	89.5	22	73	0.39
E-31	45	100	23	84	0.49

JIS C 8340

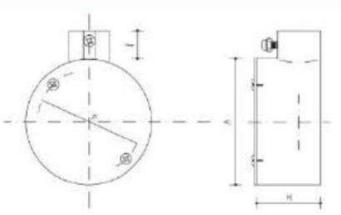
Circular Surface Box 4 Way (Aluminium)



Type	H	A	l	P	Weight (Kg)
E-19	40.5	89.5	20	73	0.38
E-25	40.5	89.5	22	73	0.39
E-31	45	100	23	84	0.49

JIS C 8340

Circular Surface Box 1 Way (Steel)



Type	H	A	l	P	Weight (Kg)
E-19	40.5	89.5	18	73	0.38
E-25	40.5	89.5	20	73	0.39
E-31	44	100	20	84	0.49
E-39	55	114	25	96	0.49

JIS C 8340

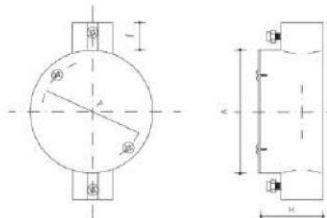
Steel Pipe Conduit



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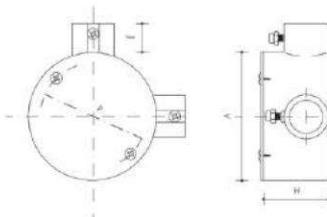
Circular Surface Box 2 Way Through (Steel)



Type	H	A	l	P	Weight (Kg)
E-19	40.5	89.5	18	73	0.38
E-25	40.5	89.5	20	73	0.39
E-31	44	100	20	84	0.49
E-39	55	114	25	96	0.49

JIS C 8340

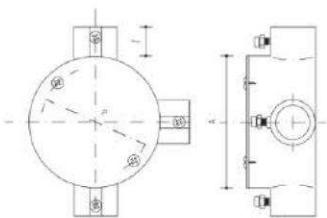
Circular Surface Box 2 Way Angle (Steel)



Type	H	A	l	P	Weight (Kg)
E-19	40.5	89.5	18	73	0.38
E-25	40.5	89.5	20	73	0.39
E-31	44	100	20	84	0.49
E-39	55	114	25	96	0.49

JIS C 8340

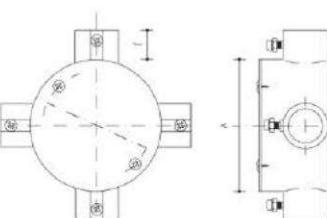
Circular Surface Box 3 Way (Steel)



Type	H	A	l	P	Weight (Kg)
E-19	40.5	89.5	18	73	0.38
E-25	40.5	89.5	20	73	0.39
E-31	44	100	20	84	0.49
E-39	55	114	25	96	0.49

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Circular Surface Box 4 Way (Steel)



Type	H	A	l	P	Weight (Kg)
E-19	40.5	89.5	18	73	0.38
E-25	40.5	89.5	20	73	0.39
E-31	44	100	20	84	0.49
E-39	55	114	25	96	0.49

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Steel Pipe Conduit

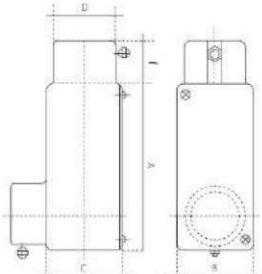
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CONDUIT SYSTEM TYPE E

Universal Fitting LB (Aluminium)



JIS C 8340

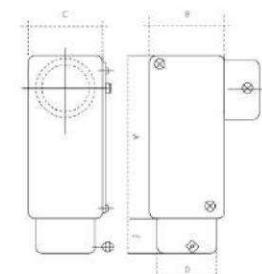


Type	A	B	C	D	\varnothing	Weight (Kg)
E-19	90	33	35	28	18	0.38
E-25	95	40	42	35	20	0.47
E-31	110	45	47	42	20	0.63
E-39	120	60	62	50	25	1.1
E-51	120	60	63	60	25	1.2
E-63	165	75	78	72	25	1.9

Universal Fitting LL (Aluminium)



JIS C 8340

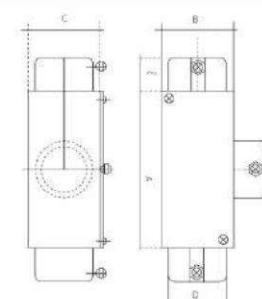


Type	A	B	C	D	\varnothing	Weight (Kg)
E-19	90	33	35	28	18	0.38
E-25	95	40	42	35	20	0.47
E-31	110	45	47	42	20	0.63
E-39	120	60	62	50	25	1.1
E-51	120	60	63	60	25	1.2
E-63	165	75	78	72	25	1.9

Universal Fitting T (Aluminium)



JIS C 8340

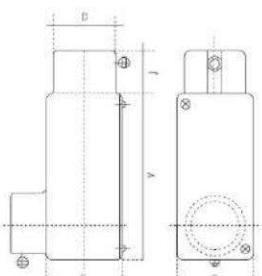


Type	A	B	C	D	\varnothing	Weight (Kg)
E-19	90	33	35	28	18	0.36
E-25	95	40	42	35	20	0.50
E-31	110	45	47	42	20	0.67
E-39	120	60	62	50	25	1.2
E-51	120	60	63	60	25	2.0
E-63	165	75	78	72	25	2.1

Universal Fitting LB (Steel)



JIS C 8340



Type	A	B	C	D	\varnothing	Weight (Kg)
E-19	90	33	35	28	18	0.38
E-25	95	40	42	35	20	0.47
E-31	110	45	47	42	20	0.63
E-39	120	60	62	50	25	1.1
E-51	120	60	63	60	25	1.2
E-63	165	75	78	72	25	1.9

Steel Pipe Conduit

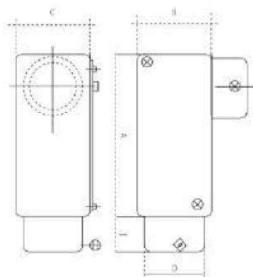
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Universal Fitting LL (Steel)



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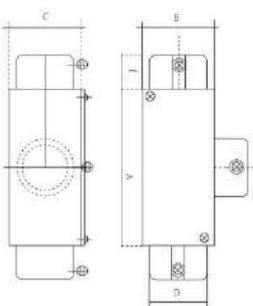


Type	A	B	C	D	ℓ	Weight (Kg)
E-19	90	33	35	28	18	0.38
E-25	95	40	42	35	20	0.47
E-31	110	45	47	42	20	0.63
E-39	120	60	62	50	25	1.1
E-51	120	60	63	60	25	1.2
E-63	165	75	78	72	25	1.9

Universal Fitting T (Steel)



JIS C 8340

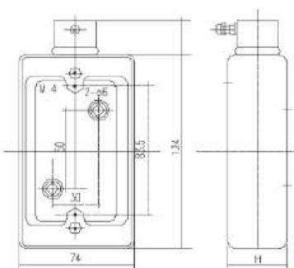


Type	A	B	C	D	ℓ	Weight (Kg)
E-19	90	33	35	28	18	0.36
E-25	95	40	42	35	20	0.50
E-31	110	45	47	42	20	0.67
E-39	120	60	62	50	25	1.2
E-51	120	60	63	60	25	2.0
E-63	165	75	78	72	25	2.1

Surface Switch Box 1 Way (Aluminium)



JIS C 8340

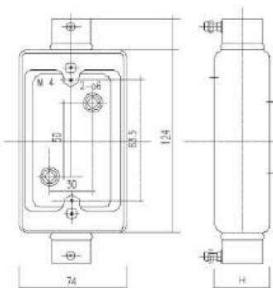


Type	H	Weight (Kg)
E-19	40	0.65
E-25	50	0.74
E-31	50	0.84

Surface Switch Box 2 Way (Aluminium)



JIS C 8340



Type	H	Weight (Kg)
E-19	40	0.67
E-25	50	0.83
E-31	50	0.87

Steel Pipe Conduit

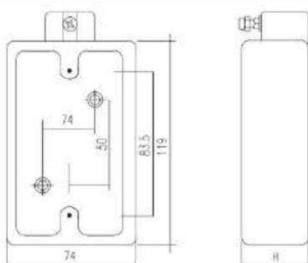


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Surface Switch Box 1 Way (Steel)



JIS C 8340

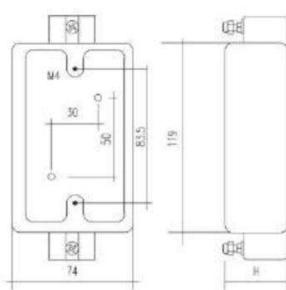


Type	H	Weight (Kg)
E-19	40	0.65
E-25	50	0.74
E-31	50	0.84

Surface Switch Box 2 Way (Steel)



JIS C 8340

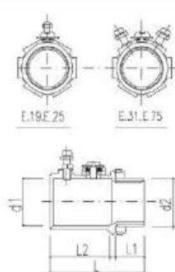


Type	H	Weight (Kg)
E-19	40	0.67
E-25	50	0.83
E-31	50	0.87

Set Screw Connector



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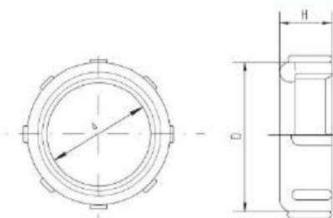


Type	d ₁	d ₂	L	L ₁	L ₂	No. of Screw	Weight (Kg)
E-19	19.6	19.1	33	12	18.3	1	0.08
E-25	25.9	25.4	33.5	12.5	20.3	1	0.10
E-31	32.3	31.8	37	14.5	20.5	2	0.13
E-39	38.6	38.1	49	16.5	29.5	2	0.24
E-51	51.3	50.8	49	16.5	29.5	2	0.33
E-63	64.2	63.5	56	18.5	34	2	0.45
E-75	76.9	76.2	63	20.5	39	2	0.59

Bushing



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Type	d	D	H	Weight (Kg)
E-19	16	23	9	0.011
E-25	22	30	10	0.019
E-31	29	36	12	0.028
E-39	35	43	13	0.042
E-51	48	57	15	0.077
E-63	60	70	17	0.100
E-75	72	83	20	0.120

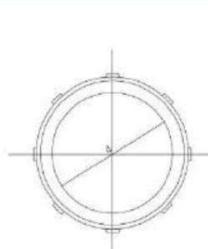
Steel Pipe Conduit

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Insulated Bushing



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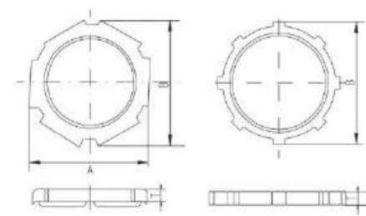


Type	d	D	H	Weight (Kg)
E-19	16	23	9	0.011
E-25	22	30	10	0.019
E-31	29	36	12	0.028
E-39	35	43	13	0.042
E-51	48	57	15	0.077
E-63	60	70	17	0.100
E-75	72	83	20	0.120

Lock Nut



JIS C 8330

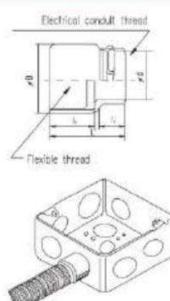


Type	A	B	T	Weight (Kg)
E-19	24	26	3	0.004
E-25	32	34	3	0.008
E-31	38	41	4	0.012
E-39	45	49	4	0.018
E-51		65	5	0.035
E-63		79	5	0.045
E-75		93	5	0.050

Box Connector



JIS C 8330

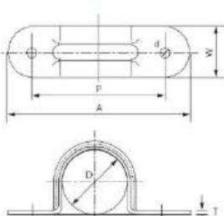


Type	D	d	L	ℓ_1	ℓ_2	Weight (Kg)
E-19	24.7	15.0	31	18	10	0.038
E-25	31.9	21.0	35	20	12	0.150
E-31	38.3	27.0	39	22	14	0.10
E-39	47.1	33.0	45	25	16	0.18
E-51	59.1	45.0	45	25	16	0.26
E-63	74.3	56.0	64	35	18	0.33
E-75	88.1	70.0	66	35	20	0.385

Saddle Clamp



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Type	A	P	W	D	d	T	Weight (Kg)
E-19	60	40	15	19.5	5	0.9	0.008
E-25	70	50	20	25.5			0.010
E-31	85	60	25	32			0.030
E-39	95	70	25	38.5	5.5		0.035
E-51	110	85	25	51			0.054
E-63	130	105	25	64		1.6	0.063
E-75	150	120	30	76.5	6.5		0.091

Steel Pipe Conduit



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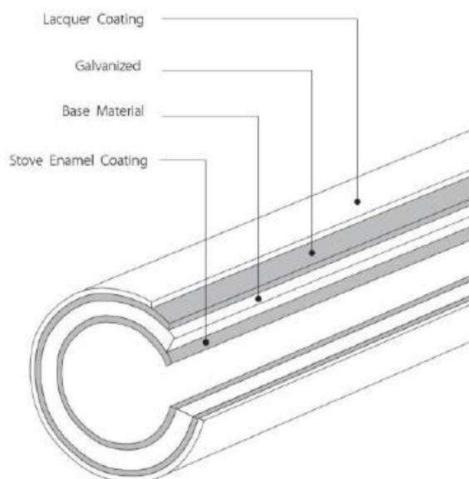
CONDUIT SYSTEM TYPE G

Threaded Steel Pipe



Outstanding Features of OSAKA Conduit

Superior galvanizing by a newly developed, in-line hot-dip process for greater protection against atmospheric corrosion and exterior erosion. Finished with a durable, clear, anti-corrosion coat for additional protection and to assure smooth wire pulling.



Features

1) Easy and accurate bending

OSAKA CONDUIT is processed by high-frequency induction welding to prevent flattening and splitting, and is made from high quality steel.

2) Easy wire pushing and pulling

The high-grade stoved epoxy resin coating on the inside wall makes wire-pulling easy, and protects against corrosion.

3) Easy coupling and fast installation

Precise, sharp threads cut by automated machinery mean fast and easy installation. Precise thread also makes our conduit virtually moisture-tight.

4) High corrosion resistance

Pure zinc coating on the exterior wall and stoved epoxy resin finish on the inside protects white conduit from corrosion, even by harsh chemicals and sea air.

5) Uniform quality

Flat steel is rolled, zinc-coated and threaded in one continuous automated process for uniform high quality.

Threaded Conduit G

Type	Outside Diameter		Nominal Wall Thickness		Weight without coupling		
	Inch	mm	Inch	mm	lbs/ft	kg/ft	kg/m
G-16	0.827	21.0	0.090	2.3	0.712	0.323	1.060
G-22	1.043	26.5	0.090	2.3	0.921	0.418	1.370
G-28	1.311	33.3	0.098	2.5	1.277	0.579	1.900
G-36	1.650	41.9	0.098	2.5	1.633	0.741	2.430
G-42	1.882	47.8	0.098	2.5	1.875	0.850	2.790
G-54	2.346	59.6	0.110	2.8	2.634	1.191	3.920
G-70	2.961	75.2	0.110	2.8	3.360	1.524	5.000
G-82	3.461	87.9	0.110	2.8	3.951	1.792	5.880
G-92	3.964	100.7	0.137	3.5	5.367	2.557	8.390
G-104	4.464	113.4	0.137	3.5	6.369	2.889	9.480

Length is 12 ft. (3660 mm)

Length Tolerance : ± 0.197 inch (5 mm)

Applicable Tolerance : ± 0.012 inch (0.3 mm) for G 82 and smaller sizes

Outside Diameter Tolerance : ± 0.016 inch (0.4 mm) for G 92 and G 104

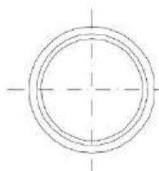
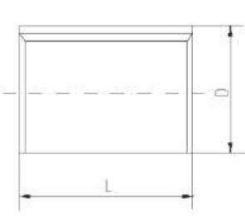
Weight Tolerance : $\pm 7\%$

Steel Pipe Conduit



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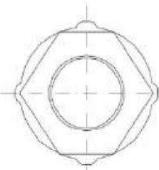
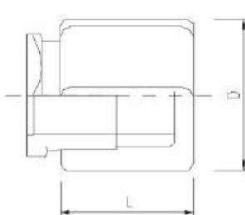
Coupling



JIS C 8330

Type	D	L	Weight (Kg)
G-16	25.0	38	0.05
G-22	31.0	44	0.09
G-28	37.5	50	0.13
G-36	48.5	56	0.24
G-42	54.5	56	0.32
G-54	68.0	64	0.50
G-70	84.0	72	0.66
G-82	97.0	80	0.87
G-92	110.5	85	1.3
G-104	123.5	90	1.6

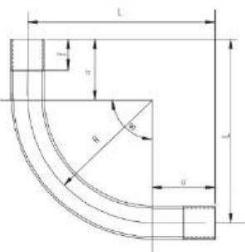
Union Coupling



JIS C 8330

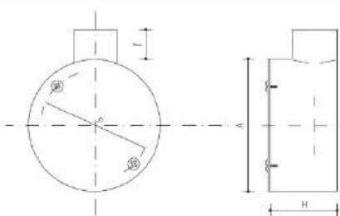
Type	D	L	Weight (Kg)
G-16	40	33	0.18
G-22	47	35	0.25
G-28	55	40	0.37
G-36	66	47	0.59
G-42	72	49	0.73
G-54	84	55	1.1
G-70	101	63	1.6
G-82	115	68	2.1
G-92	128	70	2.6
G-104	142	76	3.1

Elbow



Type	R	a	L	ℓ Max	ℓ Min	Weight (Kg)
G-16	90	60	150	19	16	0.18
G-22	110	70	180	22	19	0.25
G-28	140	75	215	25	22	0.37
G-36	170	80	250	28	25	0.59
G-42	210	85	295	28	25	0.73
G-54	235	110	345	32	28	1.1
G-70	275	150	425	36	32	1.6
G-82	310	200	510	40	36	2.1
G-92	355	220	575	42	36	2.6
G-104	395	250	645	45	39	3.1

Circular Surface Box 1 Way (Aluminium)



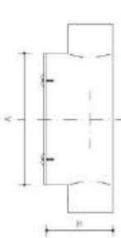
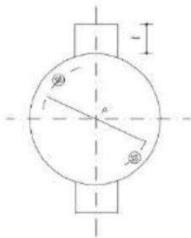
JIS C 8340

Type	H	A	ℓ	P	Weight (Kg)
G-16	40	89	18	73	0.51
G-22	40	89	20	73	0.52
G-28	44	100	20	84	0.76
G-36	55	114	25	96	1.00
G-42	70	114	25	96	1.90



CONDUIT SYSTEM TYPE G

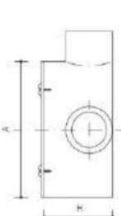
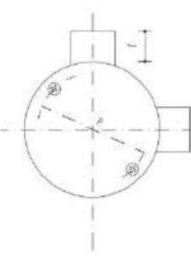
Circular Surface Box 2 Way Through (Aluminium)



JIS C 8340

Type	H	A	ℓ	P	Weight (Kg)
G-16	40	89	18	73	0.52
G-22	40	89	20	73	0.59
G-28	44	100	20	84	0.75
G-36	55	114	25	96	1.10
G-42	70	114	25	96	1.50

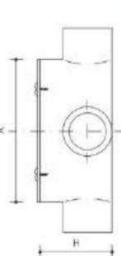
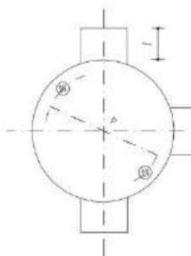
Circular Surface Box 2 Way Angle (Aluminium)



JIS C 8340

Type	H	A	ℓ	P	Weight (Kg)
G-16	40	89	18	73	0.52
G-22	40	89	20	73	0.59
G-28	44	100	20	84	0.75
G-36	55	114	25	96	1.10
G-42	70	114	25	96	1.80

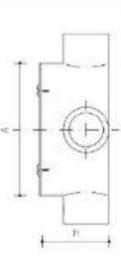
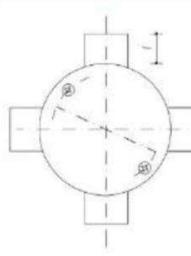
Circular Surface Box 3 Way (Aluminium)



JIS C 8340

Type	H	A	ℓ	P	Weight (Kg)
G-16	40	89	18	73	0.59
G-22	40	89	20	73	0.62
G-28	44	100	20	84	0.75
G-36	55	114	25	96	1.10
G-42	70	114	25	96	1.80

Circular Surface Box 4 Way (Aluminium)



JIS C 8340

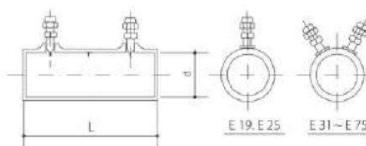
Type	H	A	ℓ	P	Weight (Kg)
G-16	40	89	18	73	0.59
G-22	40	89	20	73	0.71
G-28	44	100	20	84	0.82
G-36	55	114	25	96	1.20
G-42	70	114	25	96	1.90

Steel Pipe Conduit



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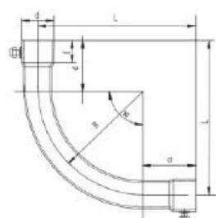
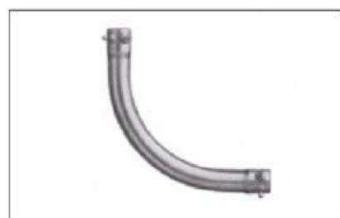
Set Screw Couplings



JIS C 8330

Type	d	L	No. of Screw	Weight (Kg)
E-19	19.6	57	2	0.08
E-25	25.9	66	2	0.10
E-31	32.3	76	4	0.13
E-39	38.6	85	4	0.24
E-51	51.3	95	4	0.33
E-63	64.2	104	4	0.45
E-75	76.9	114	4	0.59

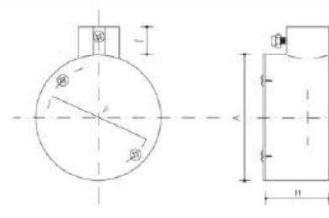
Normal Bend / Elbow



JIS C 8330

Type	R	t	L	No. of Screw	Weight (Kg)
E-19				1	0.1
E-25	120	50	170	1	0.2
E-31	150	60	210	2	0.4
E-39	180	75	255	2	0.6
E-51	230	100	330	2	1.0
E-63	290	120	410	2	1.7
E-75	350	150	500	2	2.8

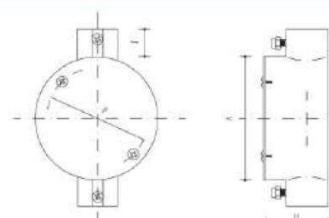
Circular Surface Box 1 Way (Aluminium)



Type	H	A	l	P	Weight (Kg)
E-19	40.5	89.5	20	73	0.38
E-25	40.5	89.5	22	73	0.39

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Circular Surface Box 2 Way Through (Aluminium)



Type	H	A	l	P	Weight (Kg)
E-19	40.5	89.5	20	73	0.38
E-25	40.5	89.5	22	73	0.39

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Steel Pipe Conduit



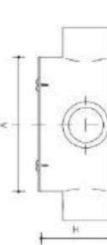
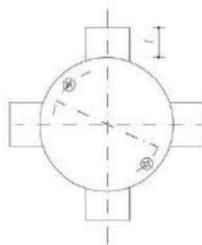
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CONDUIT SYSTEM TYPE G

Circular Surface Box 4 Way (Steel)



JIS C 8340

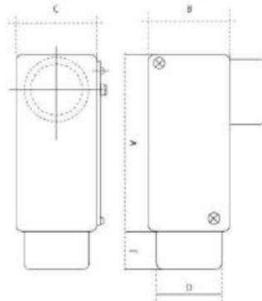


Type	H	A	ℓ	P	Weight (Kg)
G-16	40	89	18	73	0.59
G-22	40	89	20	73	0.71
G-28	44	100	20	84	0.82
G-36	55	114	25	96	1.20
G-42	70	114	25	96	1.90

Universal Fitting LB (Aluminium)



JIS C 8340

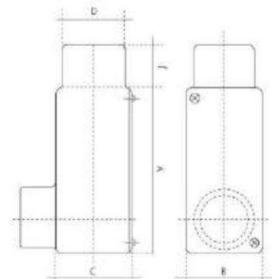


Type	A	B	C	D	ℓ	Weight (Kg)
G-16	90	33	35	28	18	0.36
G-22	95	40	42	35	20	0.46
G-28	110	45	47	42	20	0.56
G-36	120	60	62	50	25	1.1
G-42	120	60	63	60	25	1.2
G-54	165	75	78	72	25	2.1

Universal Fitting LL (Aluminium)



JIS C 8340

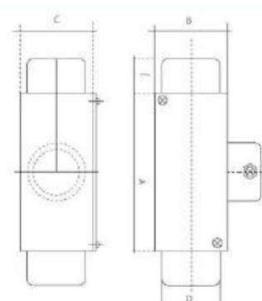


Type	A	B	C	D	ℓ	Weight (Kg)
G-16	90	33	35	28	18	0.36
G-22	95	40	42	35	20	0.46
G-28	110	45	47	42	20	0.56
G-36	120	60	62	50	25	1.1
G-42	120	60	63	60	25	1.2
G-54	165	75	78	72	25	2.1

Universal Fitting T (Aluminium)



JIS C 8340



Type	A	B	C	D	ℓ	Weight (Kg)
G-16	90	33	35	28	18	0.36
G-22	95	40	42	35	20	0.46
G-28	110	45	47	42	20	0.56
G-36	120	60	62	50	25	1.1
G-42	120	60	63	60	25	1.2
G-54	165	75	78	72	25	2.1

Steel Pipe Conduit

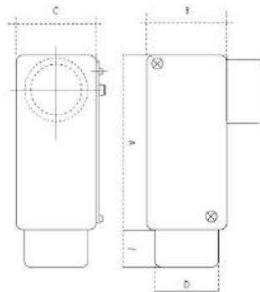


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Universal Fitting LB (Steel)



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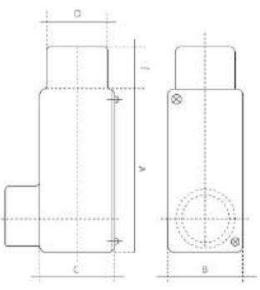


Type	A	B	C	D	ℓ	Weight (Kg)
G-16	90	33	35	28	18	0.36
G-22	95	40	42	35	20	0.46
G-28	110	45	47	42	20	0.56
G-36	120	60	62	50	25	1.1
G-42	120	60	63	60	25	1.2
G-54	165	75	78	72	25	2.1

Universal Fitting LL (Steel)



JIS C 8340

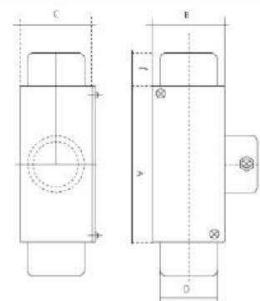


Type	A	B	C	D	ℓ	Weight (Kg)
G-16	90	33	35	28	18	0.36
G-22	95	40	42	35	20	0.46
G-28	110	45	47	42	20	0.56
G-36	120	60	62	50	25	1.1
G-42	120	60	63	60	25	1.2
G-54	165	75	78	72	25	2.1

Universal Fitting T (Steel)



JIS C 8340

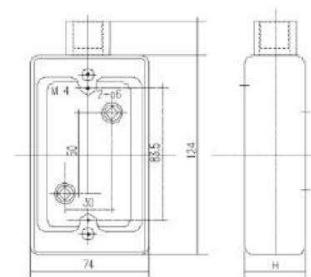


Type	A	B	C	D	ℓ	Weight (Kg)
G-16	90	33	35	28	18	0.36
G-22	95	40	42	35	20	0.46
G-28	110	45	47	42	20	0.56
G-36	120	60	62	50	25	1.1
G-42	120	60	63	60	25	1.2
G-54	165	75	78	72	25	2.1

Surface Switch Box 1 Way (Aluminium)



JIS C 8340



Type	H	Weight (Kg)
G-16	40	0.63
G-22	50	0.79
G-28	50	0.86

Steel Pipe Conduit



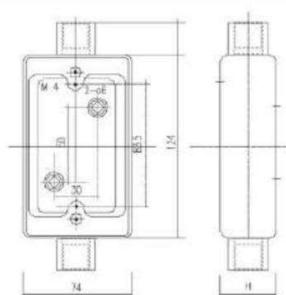
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CONDUIT SYSTEM TYPE G

Surface Switch Box 2 Way (Aluminium)



JIS C 8330

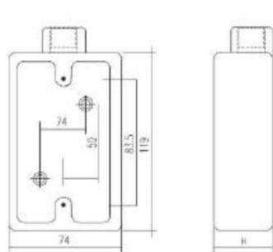


Type	H	Weight (Kg)
G-16	40	0.67
G-22	50	0.75
G-28	50	0.91

Surface Switch Box 1 Way (Steel)



JIS C 8330

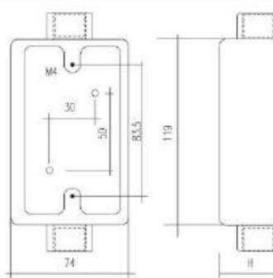


Type	H	Weight (Kg)
G-16	40	0.63
G-22	50	0.79
G-28	50	0.86

Surface Switch Box 2 Way (Steel)



JIS C 8330

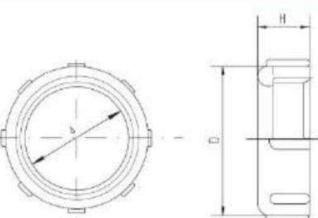


Type	H	Weight (Kg)
G-16	40	0.67
G-22	50	0.75
G-28	50	0.91

Bushing



JIS C 8330



Type	d	D	H	Weight (Kg)
G-16	13	24	11	0.011
G-22	18	30	12	0.019
G-28	22	37	14	0.031
G-36	29	46	15	0.048
G-42	34	52	17	0.072
G-54	42	65	19	0.100
G-70	54	81	21	0.160
G-82	65	95	23	0.220
G-92	74	110	25	0.40
G-104	84	125	27	0.56

Steel Pipe Conduit

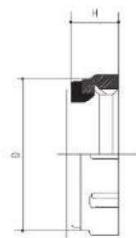
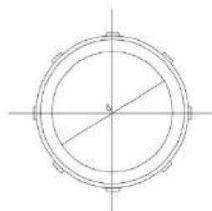


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Insulated Bushing



JIS C 8330

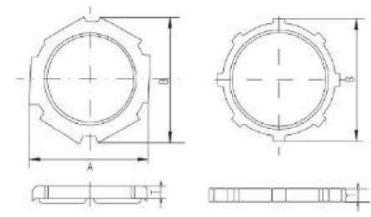


Type	d	D	H	Weight (Kg)
G-16	13	24	11	0.011
G-22	18	30	12	0.019
G-28	22	37	14	0.031
G-36	29	46	15	0.048
G-42	34	52	17	0.072
G-54	42	65	19	0.100
G-70	54	81	21	0.160
G-82	65	95	23	0.220
G-92	74	110	25	0.40
G-104	84	125	27	0.56

Lock Nut



JIS C 8330

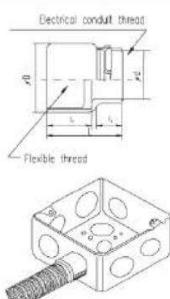


Type	A	B	T	Weight (Kg)
G-16	27	29	3.6	0.009
G-22	33	36	3.6	0.012
G-28	41	44	4.5	0.016
G-36	49	53	4.5	0.021
G-42	61	61	4.5	0.034
G-54	74	74	5.0	0.040
G-70	93	93	5.0	0.065
G-82	106	106	5.0	0.067
G-92	1121	1121	5.0	0.10
G-104	135	135	5.0	0.12

Box Connector



JIS C 8330

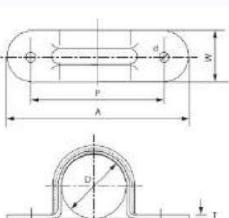


D	d	L	ℓ_1	ℓ_2	Weight (Kg)
24.7	15.0	31	18	10	0.038
31.9	21.0	35	20	12	0.150
38.3	27.0	39	22	14	0.10
47.1	33.0	45	25	16	0.18
59.1	45.0	45	25	16	0.26
74.3	56.0	64	35	18	0.33
88.1	70.0	66	35	20	0.385

Saddle Clamp



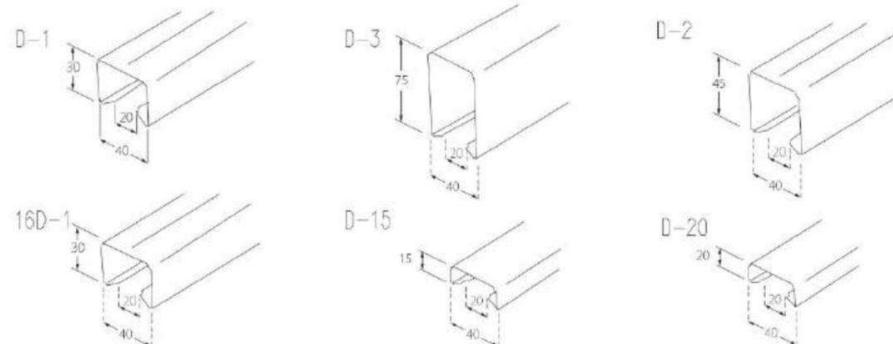
JIS C 8330



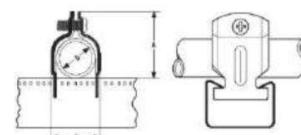
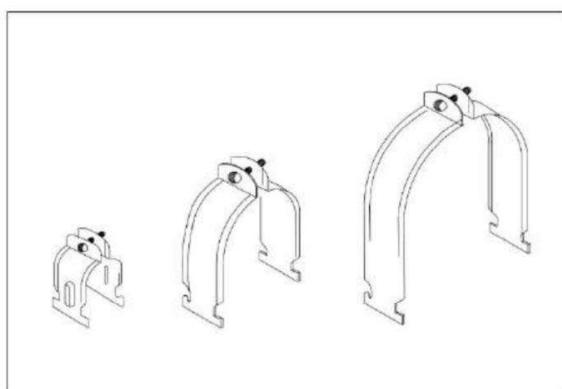
Type	A	P	W	D	d	T	Weight (Kg)
G-16	65	45	20	21.5	3.6	0.9	0.010
G-22	75	55	20	27			0.012
G-28	90	65	25	33.5			0.031
G-36	100	75	25	42			0.035
G-42	110	85	25	48			0.048
G-54	125	100	25	60			0.058
G-70	150	120	30	75.5			0.10
G-82	165	135	35	88.5			0.12
G-92	180	150	35	102			0.13
G-104	200	170	35	115			0.15



Race Way



Clamp Race Way



- OD = Applicable Outer Diameter of Conduit
- A = Height of Clamp
- B = Width of Clamp
- E-1 = Applicable JIS Conduit
- E-2 = Applicable BS 31 Class A (Plain) Conduit
- E-3 = Applicable BS 31 Class B (Screwed) Conduit
- E-4 = Applicable BS 4568 Light Gauge (Plain) Conduit
- E-5 = Applicable BS 4578 Heavy Gauge (Plain) Conduit
- F = Applicable Rigged PVC Conduit
- G = Class 2 Flexible Conduit, PA-2
- I = Flexible Conduit

Type	A	B	OD	E-1	E-2	E-3	E-4	E-5	F	G	I
DC-13	29	19	12.0	-	0.5	0.5	-	-	-	10	-
DC-15	32	22	15.9	15	0.625	0.625	16	16	-	12	-
DC-19	36	26	19.1	19	0.75	0.75	20	20	-	15	13
DC-25, DG-22	42(43)	32(33)	25.4(26.5)	25-22	1	1	25	25	22	-	19
DC-31, DG-28	48(50)	38(40)	31.8(33.3)	31-28	1.25	1.25	32	32	28	-	25
DC-39	55	45	38.1	39	1.5	1.5	-	-	-	-	31
DC-51	67	57	50.8	51	2	2	-	-	-	-	-
DC-63	81	70	63.5	63	2.5	2.5	-	-	-	-	-
DC-75, DG-70	93(92)	83(82)	76.2(75.2)	75-70	-	-	-	-	70	-	63
DG-16	37	27	21.0	76	-	-	-	-	16	71	15
DG-36	59	48	41.9	36	-	-	-	-	36	38	-
DG-42	65	54	47.8	42	-	-	-	-	42	-	39
DG-54	76	66	59.6	54	-	-	-	-	54	-	51
DG-82	105	94	87.9	82	-	-	-	-	82	83	75
DG-92	119	107	100.7	92	-	-	-	-	-	-	-
DG-104	131	120	113.4	104	-	-	-	-	-	-	-

Steel Pipe Conduit



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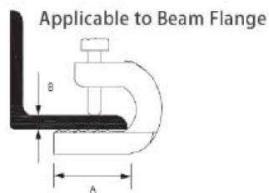
PYLUCK & CLAMPS

OSAKA | 大阪

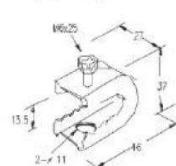
Py Luck



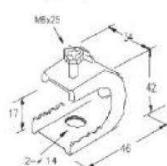
Type	A	B
1S	25	1-12
1	33	1-16
1W	33	9-24
2W	42	17-32
3W	48	17-45
7W	45	40-70



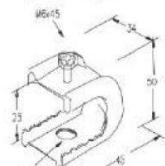
PH-1S



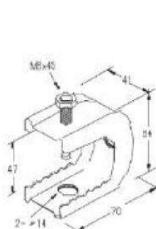
PH-1



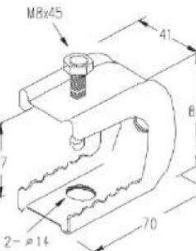
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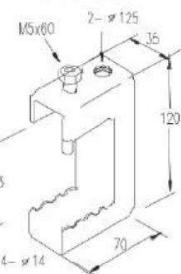
PH-2W



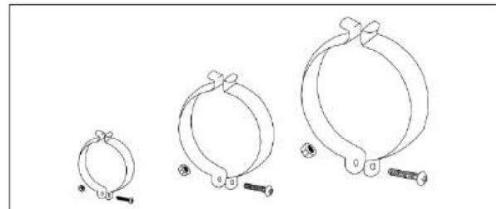
PH-3W



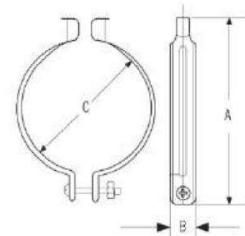
PH-7W



Clamp Py Luck



Type	A	B	C	D-1	D-2	D-3	E	F	H	G
15-C	37	13	15.9	15	0.63	16	-	12	-	-
19-C	40	14	19.1	19	0.75	20	14	15	-	14
25-C	49	14	25.4	25	1	25	-	-	-	-
22-G			26.5	22			22	-	16-18	18-22
C-31	57	18	31.8	31	1.25	32	-	-	22	-
G-28			33.3	28	2		28	-	-	28
C-39	65	21	38.1	39	2.5	-	-	-	28	-
C-51	78	21	50.8	51	-	-	-	-	42	-
C-63	98	21	63.5	63	-	-	-	-	-	-
C-75	110	21	76.2	75	-	-	-	-	-	-
G-70			75.2	70	-	-	70	-	-	-
G-16	42	14	21.0	76	-	-	16	17	14	16
G-36	74	22	41.9	36	-	-	36	38	-	36
G-42	76	22	47.8	42	-	-	42	-	-	42
G-54	95	21	59.6	54	-	-	54	-	-	-
G-82	123	20	87.9	82	-	-	82	83	-	-
G-92	130	20	100.7	92	-	-	-	-	-	-
G-104	140	20	113.4	104	-	-	-	-	-	-



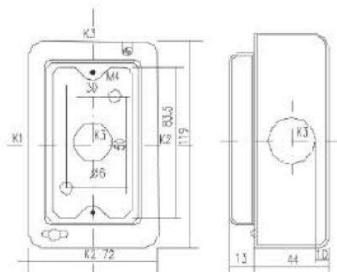
- C = Applicable Conduit Outer Diameter
- D-1 = Applicable JIS Conduit
- D-2 = Applicable BS 31 Class A dan B Conduit
- D-3 = Applicable BS 4568 Light and Heavy Gauge Conduit
- E = Rigid PVC Conduit
- F = Class 2 Flexible Conduit
- H = Pliable Plastics Conduit (PF)
- G = Pliable Plastics Conduit (CD)

Steel Pipe Conduit



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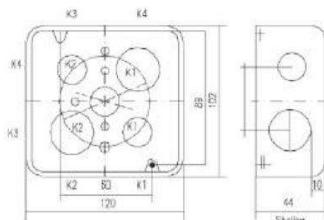
Switch Box for 1 Switch



Type	K ₁	K ₂	K ₃	Weight (Kg)
E-19	16	22	16	0.35
E-25	16	22	16	0.35

JIS C 8336

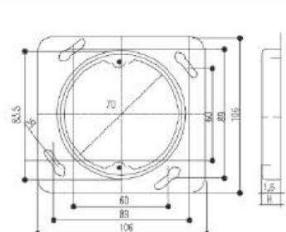
Medium Square Outlet Box



Type	A	K ₁	K ₂	K ₃	K ₄	Weight (Kg)
E-19	16	16	22	16	22	0.31
E-25	16	16	22	16	22	0.35

JIS C 8336

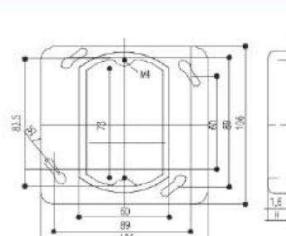
Medium Cover Round Opening



Type	H	Weight (Kg)
MSB	13	0.11

JIS C 8336

Medium Cover for 1 Switch



Type	H	Weight (Kg)
MSB	13	0.11

JIS C 8336

Steel Pipe Conduit

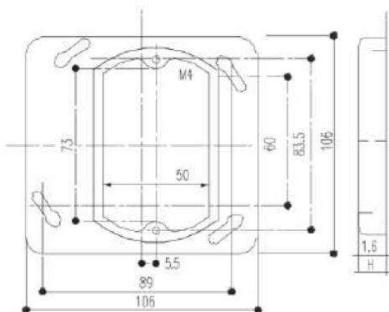


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Medium Cover for 1 Switch (Special Type)



JIS C 8336

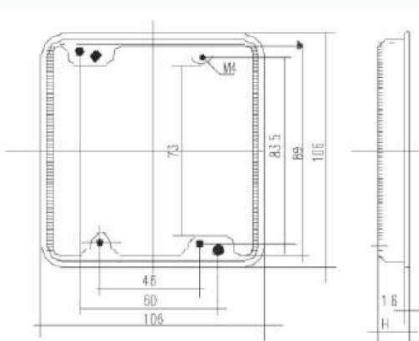


Type	H	Weight (Kg)
MSB	13	0.11

Medium Cover for 2 Switch



JIS C 8336

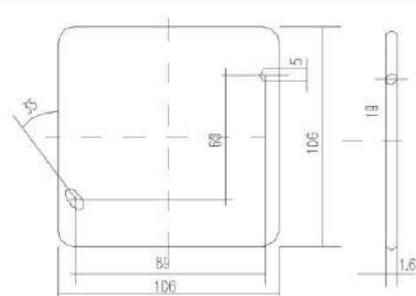


Type	H	Weight (Kg)
MSB	13	0.07

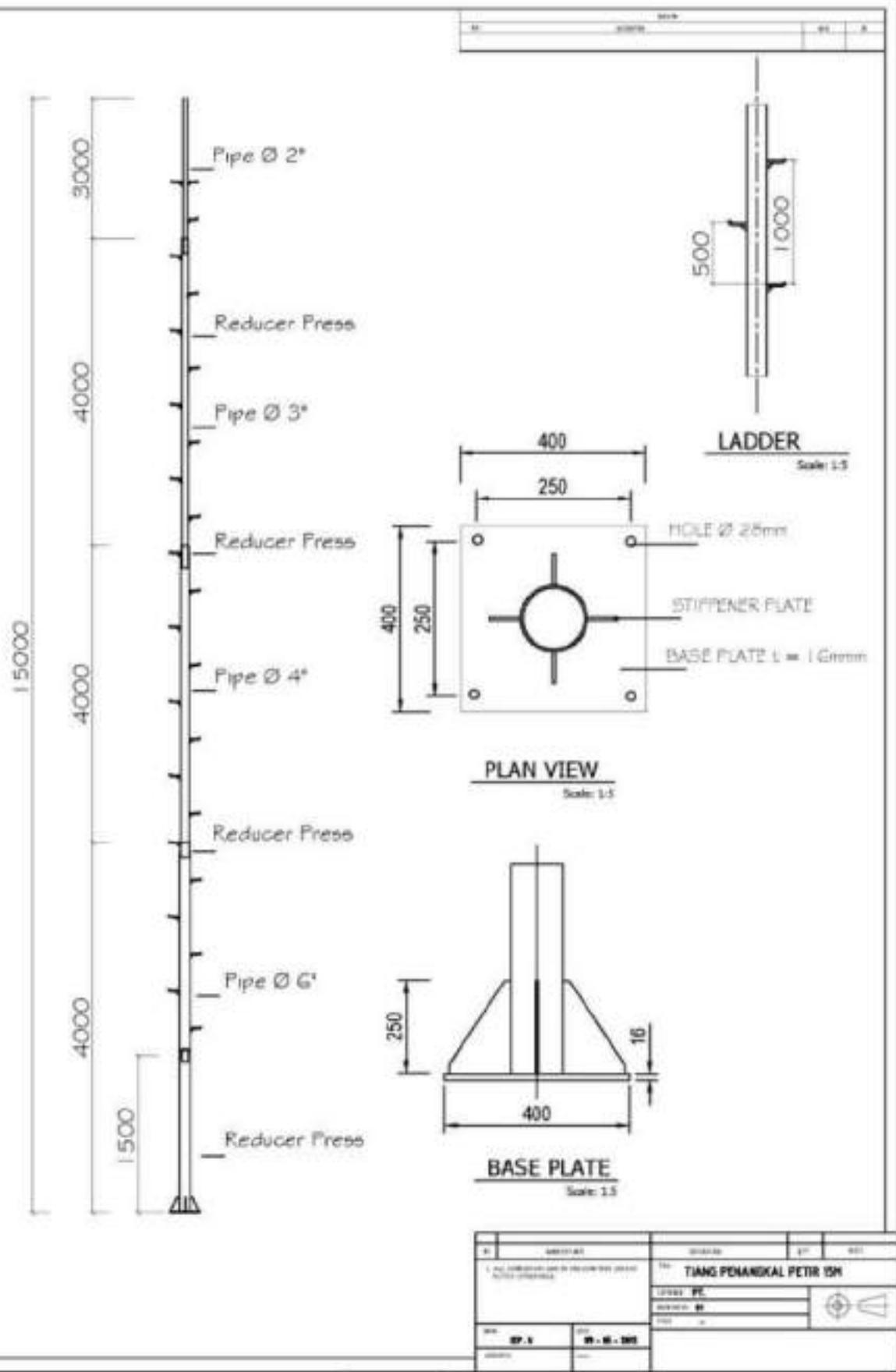
Medium Blank Cover

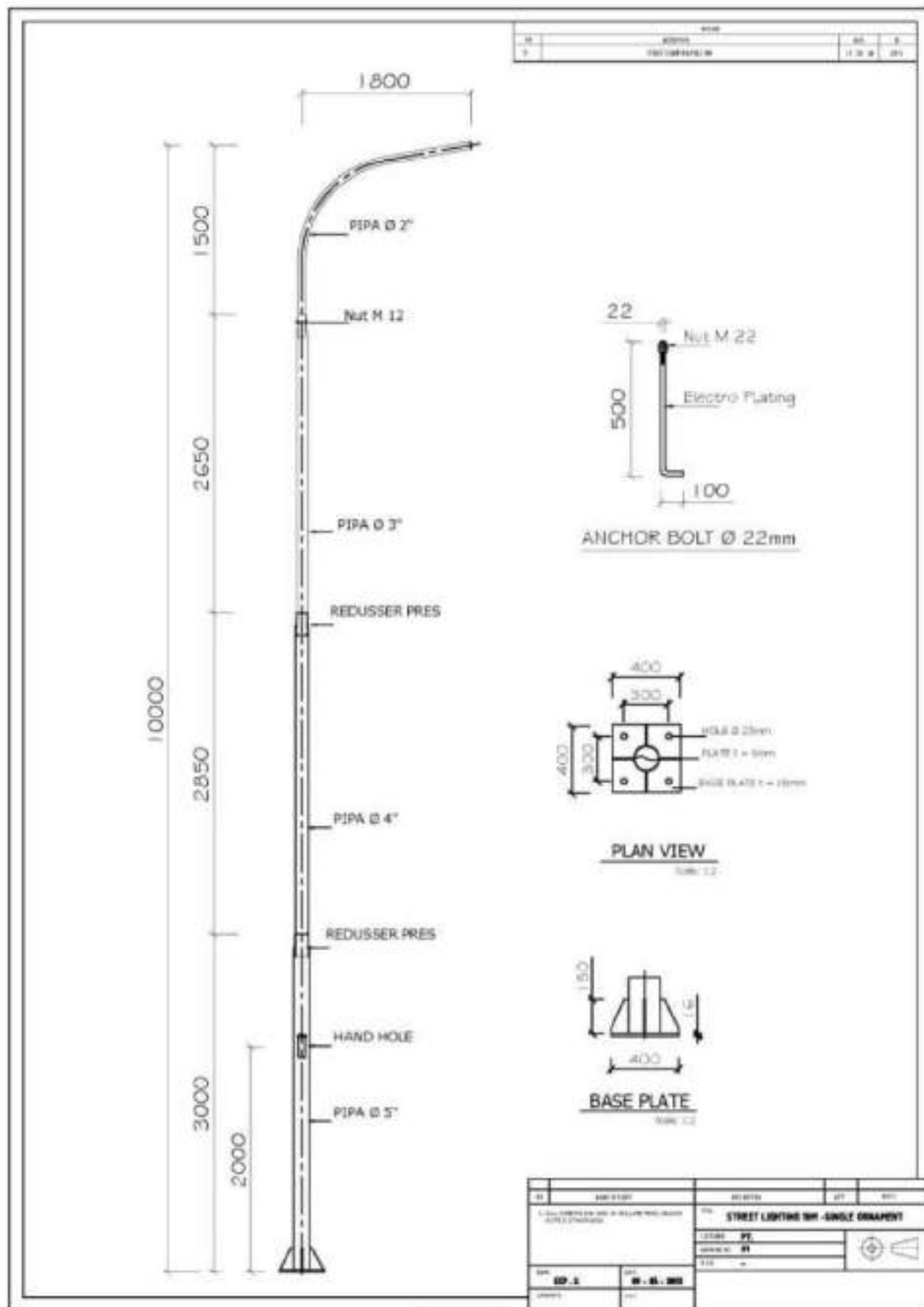


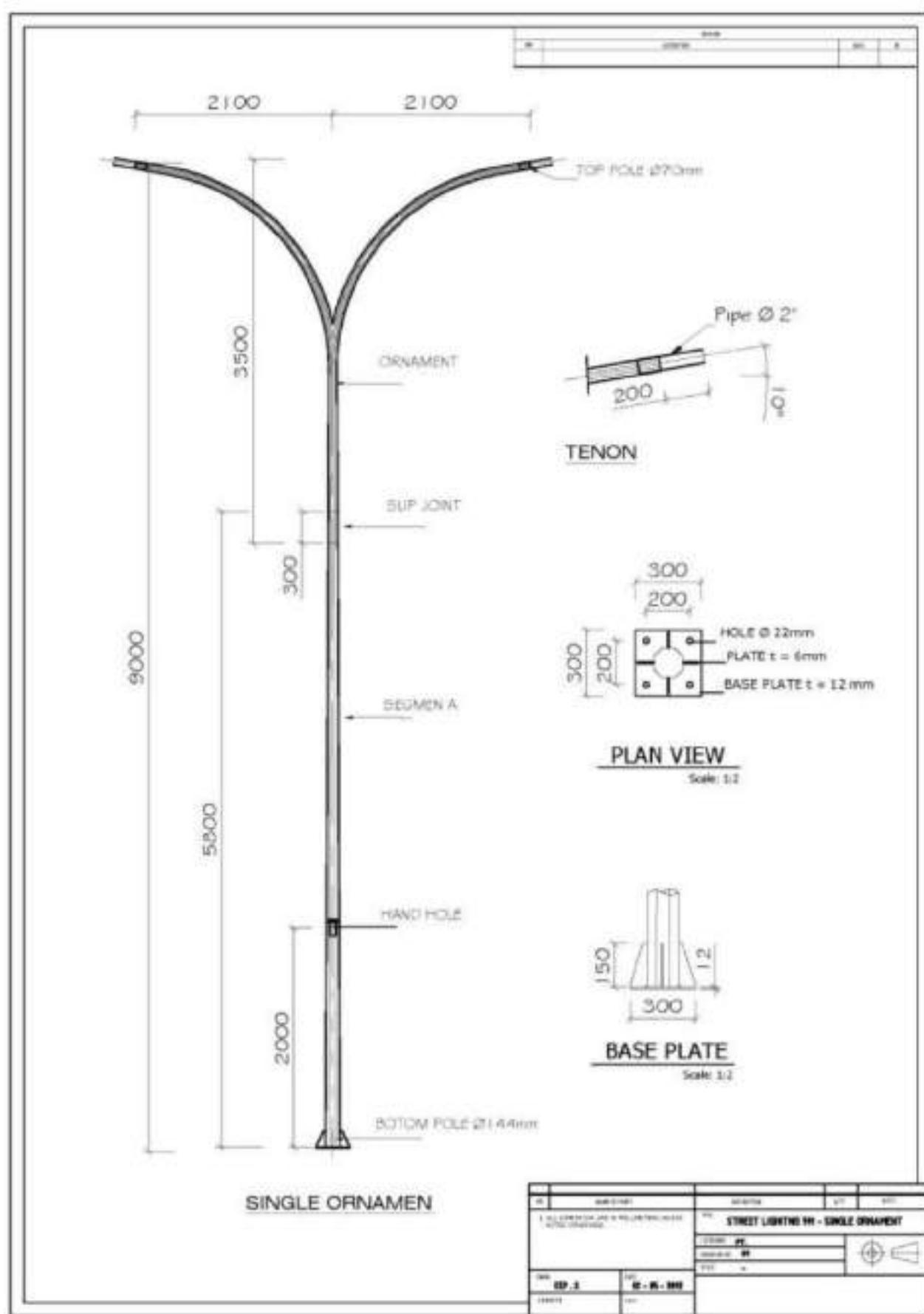
JIS C 8336

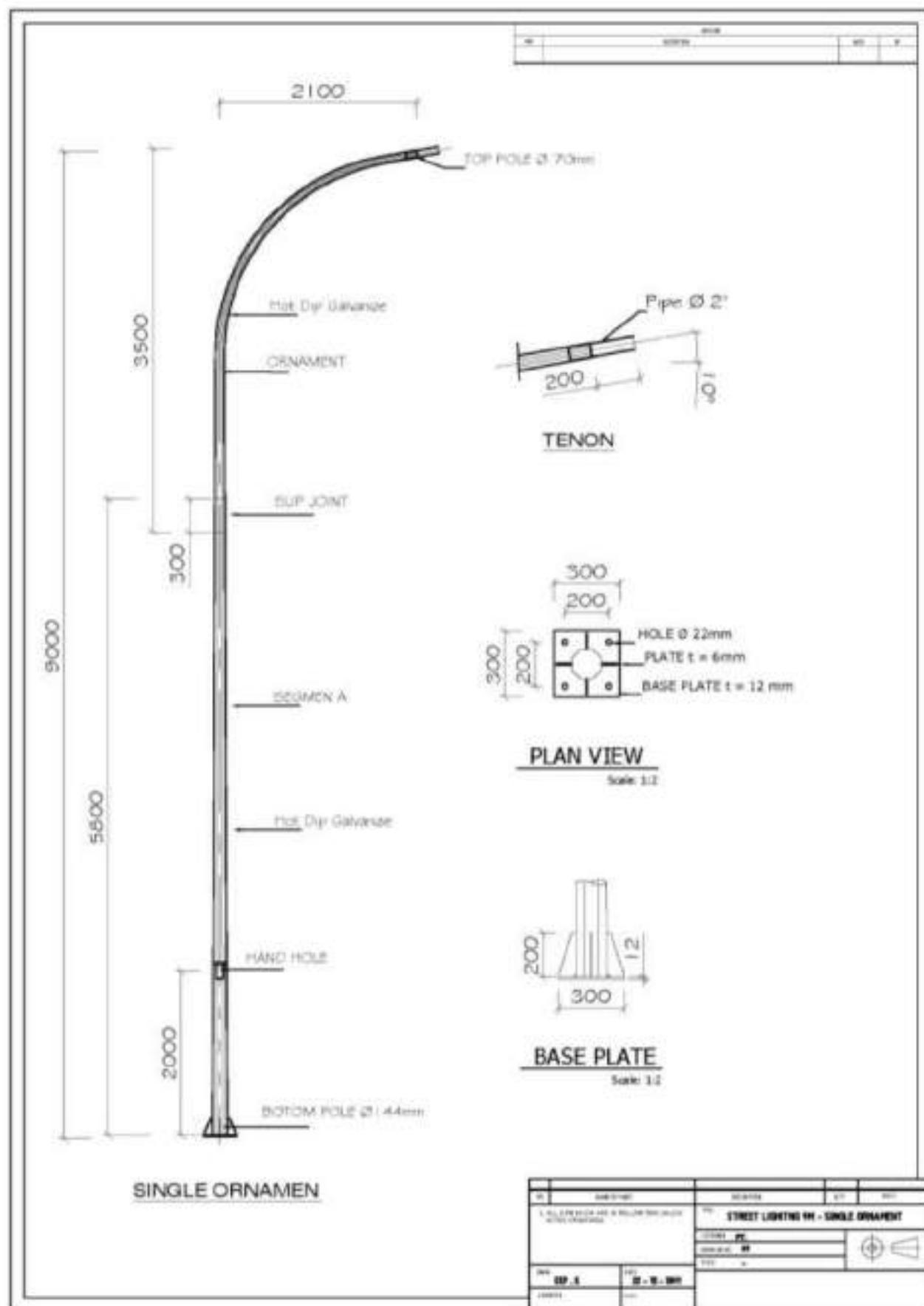


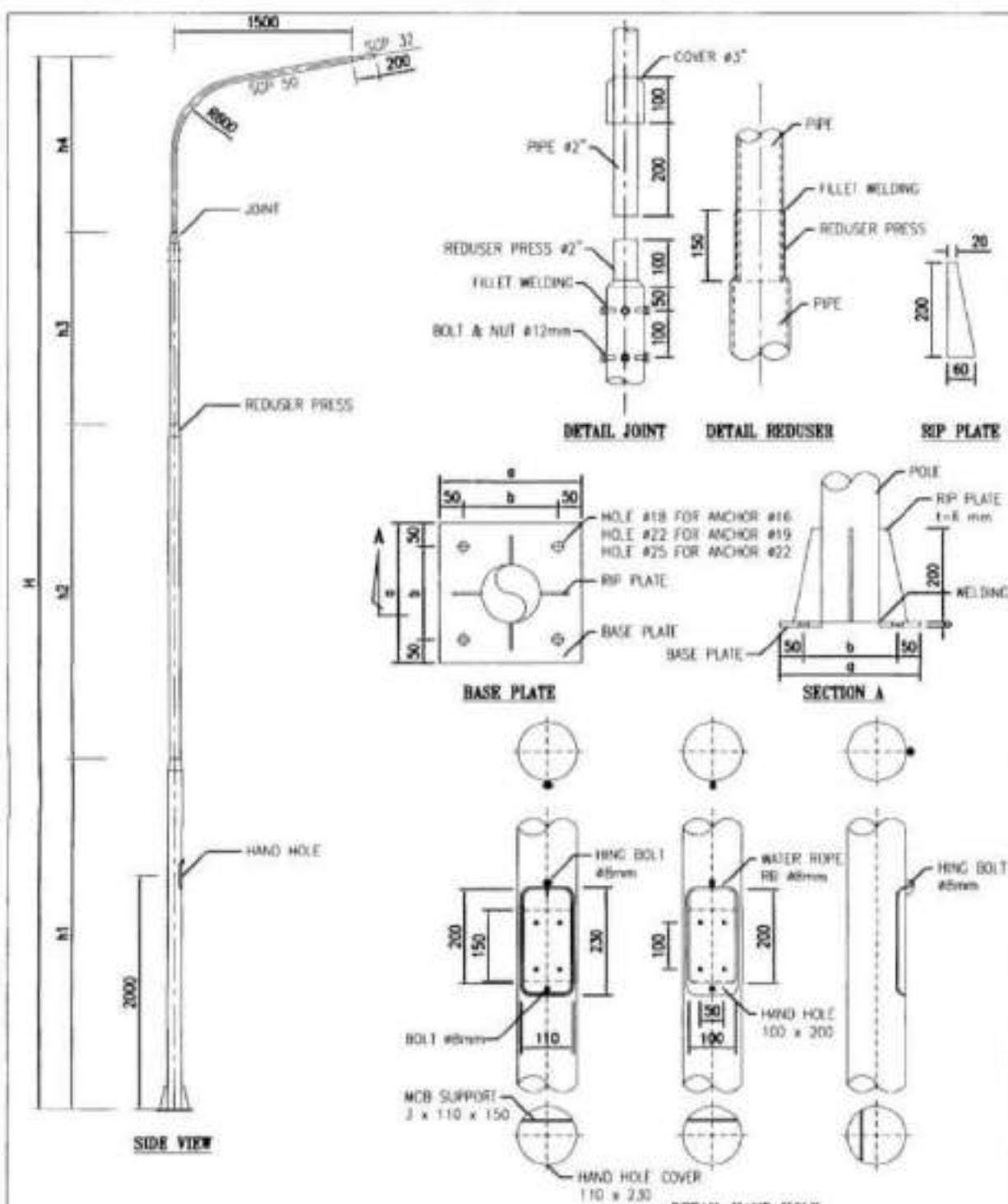
Type	H	Weight (Kg)
MSB	13	0.13











STANDARD ROUND LIGHTING POLE (SINGLE ORNAMENT)

	HEIGHT (mm)					DIAMETER PIPE (INCH)				BASE PLATE (mm)			ANCHOR (mm)		
	h	h1	h2	h3	h4	h1	h2	h3	h4	a	b	c	d	e	f
SR - 7	7000	3000	-	2500	1500	4	-	3	2	300	200	12	500	100	16
SR - 8	8000	3000	-	3500	1500	4	-	3	2						
SR - 9	9000	3000	2850	1650	1500	5	4	3	2	400	300	16	600	150	19
SR - 10	10000	3000	2850	2650	1500	5	4	3	2						
SR - 11	11000	3000	2850	3650	1500	5	4	3	2	400	300	19	600	150	22
SR - 12	12000	6000	2850	1650	1500	5	4	3	2						

CERTIFICATE



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MKG

PT. MITRA KAYA GALVANIZE

HOT DIP GALVANIZING ACCESSORIES & STEEL CONTRACTOR
Jl. METRO INTI PURNAMA (IP) No. 1 TELAJUNG
CIBITUNG - BEKASI
TELP : (022) 82611580 (Hunting), (022) 70277141
Fax : (022) 8252666



ASSOCIASI GALVANIS INDONESIA

Arbrion Asia, PT

Jl. Bulan Raya No. 27 B, Mekarsari - Cimanggis, Depok.

Project Name : Posco - KS Cilegon
Client Name : -
Site Name/ ID : -
Date of Checking : June 7, 2013

CERTIFICATE OF HOT DIP GALVANIZING No: QP-MKG-0511/VI/2013

We confirm that PT. MITRA KAYA GALVANIZE followed the standard, ASTM A-123, BS EN ISO - 1461 and JIS-H 0401 in doing HOT DIP GALVANIZING for the materials below :

Material Description	Quantity		Material Thickness (Microm)
	Pcs	Unit	
Straight Ladder SLU W.300 x H.100 x L.3000	50	-	80 ✓
Beam Cover W.300/400	147	-	74
Cover Clamp W.300/400	147	-	73
Straight Outside Riser W.300/400	2	-	73
Straight Inside Riser W.300/400	2	-	60

Average coating of the material will not be less than the standard below :

Article Thickness Range (mm)	Coating Mass (g/m ²)	Coating Thickness (Micron)
x > 6.0	710	85
3.0 < x < 6.0	605	70
1.5 < x < 3.0	455	55
x < 1.5	315	45
Centrifugal Work	300	45

June 26, 2013

Remarks:

Swastika Nurul Dewi Insawati, S.Si
Quality Control



Ergonomics

PT. ARBRION ASIA

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ECONOMY 337

SCHLESINGER / 103

MILL CERTIFICATE

תורת היחסים

ESTATE PLANNING
BY ROBERT L. KIRK

10

THE FEDERAL GOVERNMENT HAS BEEN TESTED AND DISMISSED WITH THE TERMS OF THE ORIGINAL CONTRACT.

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PT KRAKATAU STEEL (PEPSERO) Tbk.



KRAKATAU STEEL

HODAIBER
Jl. P. AMBON No. 100 KM 0,5
AMBON CITY, NTT INDONESIA 83110
AMERICAN PORTAL
PENGETAHAN & FABRICATION HIGH HOLLOW
STEEL IN COIL, NO. 1 STAINLESS
STEEL 316L BPPC

MILL CERTIFICATE

L.C. NO.
CERTIFICATE NO.
DATE:
LOT NO.
SHIPPING INSTRUCTIONS
SALES ORDER FORM

PT. ARBRION ASIA

HEAT NO.	BLAB NO.	GCR AND PLATEMENT NO.	TEST NO.	DIMENSION (mm)	QTY (kg)	CHEMICAL COMPOSITION + 10% VAR.						TENSILE TEST			WIND TEST			IMPACT TEST	
						C%	N	Mn	P	S	R	UTS	UTS (%)	TS	EL	%	Avg	%	
2704013	13401	3070523.01	5130502	2.00 x 1300 x COIL	1	0.33	0.1	0.03	0.03	0.03	1.5	444	350	380	30	60000			
2704013	13402	3070522.01	4550502	2.00 x 1300 x COIL	1	0.33	0.1	0.03	0.03	0.03	1.5	444	350	380	30	60000			
2713001	13301	3070523.01	3170503	2.00 x 1300 x COIL	1	0.37	0.1	0.03	0.03	0.03	1.4	442	348	380	30	60000			
2713001	13302	3070523.01	3450503	2.00 x 1300 x COIL	1	0.35	0.1	0.03	0.03	0.03	1.4	433	300	300	30	60000			

ITEM NUMBER: NO. 43

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The holder of this certificate is authorized to manufacture and supply steel tested and certified with the name of this company.

PT. ARBRION ASIA

PHONE: (0362) 27386

PROJECT REFERENCE



PT. ARBRION ASIA
www.arbrion-asia.com



- PABRIK ROKOK PT DJARUM KUDUS
- PABRIK JAMU PT SIDO MUNTUL
- POCARI SWEAT, SAMARINDA
- PUPUK ISKANDAR MUDA ACEH
- GUDANG GARAM CIREBON
- COCA COLA CIKARANG
- SAMSUNG CIBITUNG
- BAN HANKOOK CIKARANG
- FRISIAN FLAG JAKARTA TIMUR
- TEH PUCUK MAYORA, BOGOR
- PROTEC AND GAMBLE,
KARAWANG
- WAVIN, CIBITUNG
- HOLCIM, TUBAN, JAWA TIMUR



- POLTEKKES TEMBALANG, SEMARANG
- UNIVERSITAS GAJAH MADA
- BANDUNG TRADE MALL
- MUSEUM SANGIRAN SURAKARTA
- STADION SLEMAN, YOGYAKARTA
- RSUD PURWODADI
- HOTEL OAK TREE, SEMARANG
- SKYLAND APARTEMENT, BANDUNG
- PERTAMINA, SALEMBAA
- HOTEL GRAND SAFERO, DEPOK
- AEON MALL, CAKUNG,
JAKARTA
- SIMA OFFICE TOWER, JAKARTA
- RUSUNAWA POLRI, JAKARTA
- AND MORE..

PROJECT REFERENCE



PT. ARBRION ASIA
www.arbrion-asia.com



- PLTU TANJUNG JATI JEPARA
- PLTU CILEGON, ASAHI PLANT, BANTEN
- PLTU CIREBON
- PLTU SANNGGAU, KALIMANTAN
- PLTU BENGKAYANG
- PLTU ROTE
- MARTABEY GOLD MINING
- CIKARANG LISTRIKINDO
- GARBARATA, POSO ENERGY
- TOTAL E & P, BALIKPAPAN
- AND MORE..