



White Conduit Pipe and fittings (UL, BS)



White conduit (JIS)




Stainless Steel Pipe




Polyethylene-Lining Steel Pipe

Stainless Steel Conduit Fittings


Coupling

	Item No.	Nominal Size (inch)	Weight (kg/pce)	Inner Packing (Pcs)	Outer Box (Pcs)
	DFSM 11012	1/2"	0.053	25	50
	DFSM 11034	3/4"	0.068	10	20
	DFSM 11100	1"	0.119	10	20
	DFSM 11114	1-1/4"	0.151	10	10
	DFSM 11112	1-1/2"	0.190	5	5
	DFSM 11200	2"	0.281	3	6
	DFSM 11300	3"	0.728	5	5
DFSM 11400	4"	1.019	5	5	


Normal Bend

	Item No.	Nominal Size (inch)	Weight (kg/pce)	Inner Packing (Pcs)	Outer Box (Pcs)
	DFSM 13012	1/2"	0.284	1	10
	DFSM 13034	3/4"	0.434	1	8
	DFSM 13100	1"	0.872	1	6
	DFSM 13114	1-1/4"	1.409	1	-
	DFSM 13112	1-1/2"	1.860	1	-
	DFSM 13200	2"	2.572	1	-
	DFSM 13300	3"	7.419	1	-
DFSM 13400	4"	13.945	1	-	


Lock Nut

	Item No.	Nominal Size (inch)	Weight (kg/pce)	Inner Packing (Pcs)	Outer Box (Pcs)
	DFSM 12012	1/2"	0.004	50	-
	DFSM 12034	3/4"	0.006	50	-
	DFSM 12100	1"	0.013	50	-
	DFSM 12114	1-1/4"	0.018	50	-
	DFSM 12112	1-1/2"	0.022	30	-
	DFSM 12200	2"	0.029	30	-
	DFSM 12300	3"	0.063	10	-
DFSM 12400	4"	0.076	10	-	

Saddle

	Item No.	Nominal Size (inch)	Weight (kg/pce)	Inner Packing (Pcs)	Outer Box (Pcs)
	DFSM 16012	1/2"	0.011	25	-
	DFSM 16034	3/4"	0.013	25	-
	DFSM 16100	1"	0.025	25	-
	DFSM 16114	1-1/4"	0.028	25	-
	DFSM 16112	1-1/2"	0.045	15	-
	DFSM 16200	2"	0.055	5	-
	DFSM 16300	3"	0.113	5	-
DFSM 16400	4"	0.140	5	-	

Stainless Steel Conduit Pipe with one coupling on one end



Item No.	Nominal Size (inch)	Outside Diameter (mm)	Wall Thickness (mm)	Length (mm)	Weight (kg/Pce)	Bundle (Pcs)
DWSM 012	1/2"	21.1	2.1	3,030	3.08	10
DWSM 034	3/4"	26.4	2.1	3,030	3.95	10
DWSM 100	1"	33.6	2.8	3,025	6.56	5
DWSM 114	1-1/4"	42.2	2.8	3,025	8.39	3
DWSM 112	1-1/2"	48.3	2.8	3,025	9.69	3
DWSM 200	2"	60.3	2.8	3,025	12.29	1
DWSM 300	3"	88.9	4.0	3,010	26.23	1
DWSM 400	4"	114.2	4.0	3,005	34.12	1



***Superior product for special locations -
Less Corrosion Long Life Better Appearance !***

1. High Resistance to Corrosion

Stainless steel (SUS304) construction ***ensures against rust*** in corrosive areas, such as food processing lines, chemical plants, water treatment plants, seashore plants, etc.

2. Conforming to IMC conduit

Internal diameter and length ***conform to IMC requirements***. Can be combined with steel conduit for a more flexible, reliable wiring installation in a variety of applications. Stainless conduit fittings help form a complete, professional

3. Long Lifetime

Conduit systems must remain in a good condition wherever they are installed. Stainless steel conduit delivers a long lifetime and ***requires little maintenance*** especially in high altitude installations.

4. Brilliant

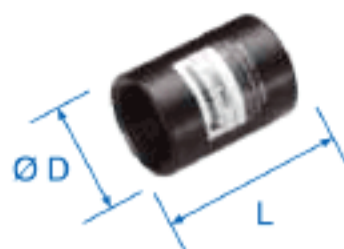
Stainless steel conduit polished to a bright finish for a superior appearance. This ensures an ***attractive appearance*** of special importance to food processing lines.

Polyethylene-lining steel pipe Fittings

Item No.	Nominal size	D (mm)	L (mm)	Weight kg/pc
DWL 16CT	G 16	26.0	39	0.05
DWL 22CT	G 22	32.0	45	0.08
DWL 28CT	G 28	38.5	51	0.11
DWL 36CT	G 36	49.5	57	0.22
DWL 42CT	G 42	55.5	57	0.26
DWL 54CT	G 54	69.0	65	0.45
DWL 70CT	G 70	85.0	73	0.67
DWL 82CT	G 82	98.0	81	0.90
DWL 92CT	G 92	111.5	86	1.19
DWL 04CT	G 104	124.5	91	1.46

Coupling

•PE Coated



Normal bend (Threaded)

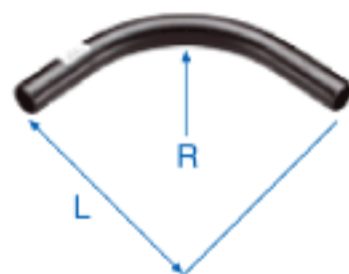
•PE Coated



Item No.	Nominal size	R (mm)	L (mm)	Weight kg/pc
DWL 16NT	G 16	90	150	0.24
DWL 22NT	G 22	110	180	0.41
DWL 28NT	G 28	140	215	0.62
DWL 36NT	G 36	170	250	0.95
DWL 42NT	G 42	210	295	1.40
DWL 54NT	G 54	235	345	2.24
DWL 70NT	G 70	275	425	3.83
DWL 82NT	G 82	310	510	4.80
DWL 92NT	G 92	355	575	8.90
DWL 04NT	G 104	395	645	9.80

Set screw normal bend

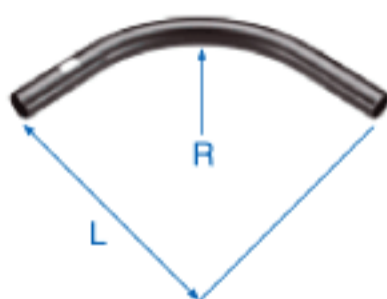
•PE Coated



Item No.	Nominal size	R (mm)	L (mm)	Weight kg/pc
DWL 316T	16	90	150	0.24
DWL 322T	22	110	180	0.41
DWL 328T	28	140	215	0.62
DWL 336T	36	170	250	0.95
DWL 342T	42	210	295	1.40
DWL 354T	54	235	345	2.24
DWL 370T	70	275	425	3.83
DWL 382T	82	310	510	4.80
DWL 392T	92	355	575	8.90
DWL 304T	104	395	645	9.80

Set screw normal bend big

•PE Coated



Item No.	Nominal size	R (mm)	L (mm)	Weight kg/pc
DWL 3361T	36	225	355	1.5
DWL 3421T	42	315	455	2.2
DWL 3541T	54	333	513	3.5
DWL 3701T	70	600	830	7.0
DWL 3821T	82	600	860	8.6
DWL 3921T	92	600	900	12.9
DWL 3041T	104	800	1,140	18.4

Bellmouth pipe

•PE Coated



Item No.	Nominal size	D (mm)	L (mm)	Weight kg/pc
DWL 516T	16	28	400	0.44
DWL 522T	22	35	400	0.57
DWL 528T	28	44	400	0.79
DWL 536T	36	56	400	1.00
DWL 542T	42	64	400	1.15
DWL 554T	54	80	400	1.62
DWL 570T	70	95	400	2.00
DWL 582T	82	108	400	2.42
DWL 592T	92	120	400	3.40
DWL 504T	104	134	400	3.90

Polyethylene-Lining Steel Pipe

Polyethylene-lining steel pipe (Threaded)

Color of polyethylene outer layer: black

Item No.	Nominal size	Outside diameter (mm)	Steel pipe thickness (mm)	Outer coated thickness (mm)	Length (mm)	Nominal weight (kg/pc)
DWL 16KT	G 16	22.20	2.30	0.6	3,660	3.88
DWL 22KT	G 22	27.70	2.30	0.6	3,660	5.01
DWL 28KT	G 28	34.50	2.50	0.6	3,660	6.95
DWL 36KT	G 36	43.10	2.50	0.6	3,660	8.89
DWL 42KT	G 42	49.00	2.50	0.6	3,660	10.21
DWL 54KT	G 54	60.80	2.80	0.6	3,660	14.35
DWL 70KT	G 70	76.40	2.80	0.6	3,660	18.30
DWL 82KT	G 82	89.10	2.80	0.6	3,660	21.52
DWL 92KT	G 92	101.90	3.50	0.6	3,660	30.71
DWL 04KT	G 104	114.60	3.50	0.6	3,660	34.70

Polyethylene-lining steel pipe (Non-Threaded)

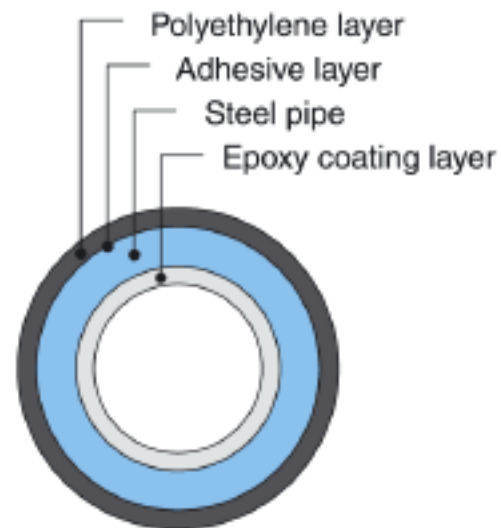
Color of polyethylene outer layer: black

Item No.	Nominal size	Outside diameter (mm)	Steel pipe thickness (mm)	Outer coated thickness (mm)	Length (mm)	Nominal weight (kg/pc)
DWL 16PT	16	22.20	2.30	0.6	3,670	3.88
DWL 22PT	22	27.70	2.30	0.6	3,670	5.01
DWL 28PT	28	34.50	2.50	0.6	3,670	6.95
DWL 36PT	36	43.10	2.50	0.6	3,670	8.89
DWL 42PT	42	49.00	2.50	0.6	3,670	10.21
DWL 54PT	54	60.80	2.80	0.6	3,675	14.35
DWL 70PT	70	76.40	2.80	0.6	3,675	18.30
DWL 82PT	82	89.10	2.80	0.6	3,675	21.52
DWL 92PT	92	101.90	3.50	0.6	3,675	30.71
DWL 04PT	104	114.60	3.50	0.6	3,675	34.70

Threaded



Non-Threaded



Suitable for use as either exposed or buried conduit in areas where high corrosion resistance is required

- The excellent adhesion between the steel pipe and polyethylene eliminates separation and cracking when the pipe is bent.
- Main use: Water purification plants for water and sewer systems, areas exposed to chemical damage (chemical plants, etc.), areas exposed to salt damage (coastal facilities, etc.) building rooftops, connecting bridge corridors for schools, etc.

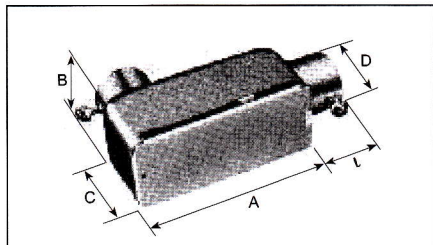
Coupling (Steel)

JIS C 8330

Item No.	Size	Standard Pack (pcs)	Weight kg/pc
DF1116T	G 16	300	0.051
DF1122T	G 22	200	0.086
DF1128T	G 28	200	0.117
DF1136T	G 36	100	0.226
DF1142T	G 42	50	0.230
DF1154T	G 54	50	0.460
DF1170T	G 70	20	0.669
DF1182T	G 82	20	0.889
DF1192T	G 92	10	0.987
DF1104T	G104	5	1.257

**Set screw (threadless)
universal LB type**

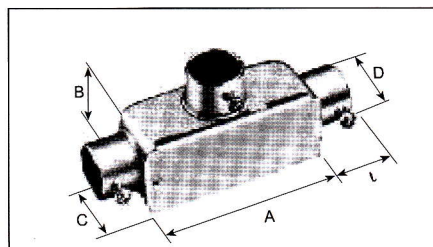
• Sheet steel finished with zinc plating



Cat . No.	Size (mm)	A	B	C	D	I	Weight (kg)
DS63191	E19	90	34	35	23	18	0.24
DS63251	E25	95	41	42	29.5	20	0.31
DS63311	E31	110	45.8	47.5	32.3	20	0.42

**Set screw (threadless)
universal T type**

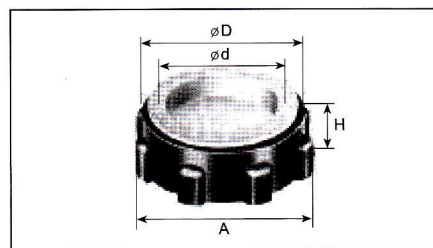
• Sheet steel finished with zinc plating



Cat . No.	Size (mm)	A	B	C	D	I	Weight (kg)
DS64191	E19	90	34	35	23	18	0.27
DS64251	E25	95	41	42	29.5	20	0.34
DS64311	E31	110	45.8	47.5	32.3	20	0.46

Plastic Bushing (with cap)

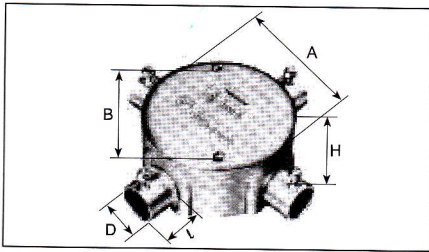
• Plastic



Cat . No.	Size (mm)	A	H	D	d	Weight (kg)
DS1719	E19	27	9	23	15.7	0.002
DS1725	E25	34	10	30	21.8	0.004
DS1731	E31	41	12	36	28	0.006
DS1739	E39	49	13	43	34.7	0.008
DS1751	E51	64	15	57	47.4	0.016
DS1763	E63	78	17	70	59.2	0.024
DS1775	E75	92	20	83	71.9	0.036

**Set screw (threadless)
circular surface boxes
(four way)**

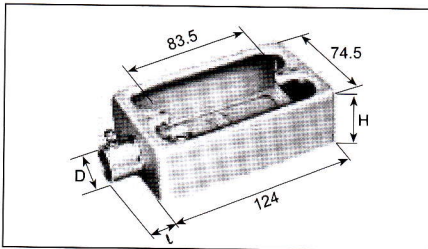
• Sheet steel finished with zinc plating



Cat . No.	Size (mm)	H	A	B	I	D	Weight (kg)
DS68191	E19	40.5	89.5	73	20	23	0.48
DS68251	E25	40.5	89.5	73	22	29.5	0.49
DS68311	E31	45	100	84	23	36	0.62

**Set screw (threadless)
surface switch boxes
(one way)**

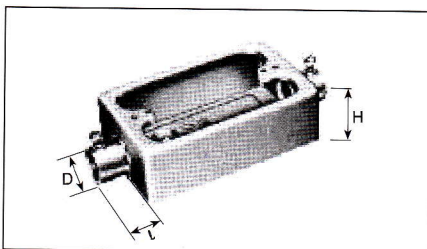
• Sheet steel finished with zinc plating



Cat . No.	Size (mm)	H	I	D	Weight (kg)
DS70191	E19	40.5	20	23	0.42
DS70251	E25	50.5	22	29.5	0.48

**Set screw (threadless)
surface switch boxes
(two way)**

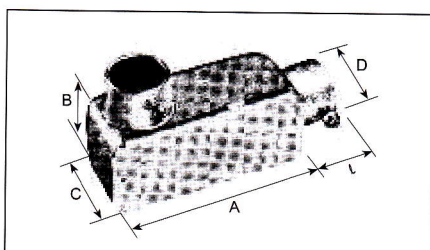
• Sheet steel finished with zinc plating



Cat . No.	Size (mm)	H	I	D	Weight (kg)
DS71191	E19	40.5	20	23	0.45
DS71251	E25	50.5	22	29.5	0.52

**Set screw (threadless)
universal LL type**

• Sheet steel finished with zinc plating



Cat . No.	Size (mm)	A	B	C	D	I	Weight (kg)
DS62191	E19	90	34	35	23	18	0.24
DS62251	E25	95	41	42	29.5	20	0.31
DS62311	E31	110	45.8	47.5	32.3	20	0.42

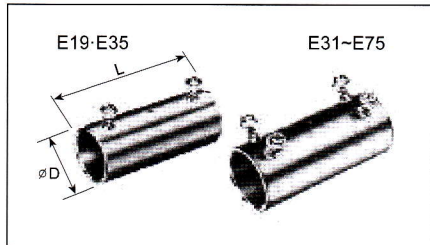
Plain Conduit Fittings

JIS

(unit : mm)

Set screw (threadless) Couplings

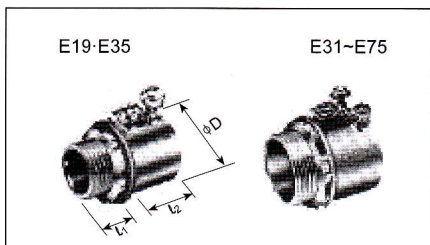
- Sheet steel finished with zinc plating



Cat . No.	Size (mm)	D	L	No. of screw	Weight (kg)
DS0119	E19	19.6	57	2	0.07
DS0125	E25	25.9	67	2	0.10
DS0131	E31	32.3	76	4	0.14
DS0139	E39	38.6	86	4	0.24
DS0151	E51	51.3	95	4	0.33
DS0163	E63	64.2	105	4	0.45
DS0175	E75	76.9	114	4	0.57

Set screw (threadless) Connectors (with grounding terminal)

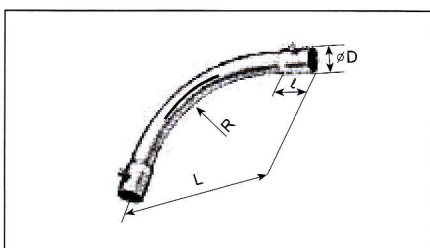
- Sheet steel finished with zinc plating with lock nut.



Cat . No.	Size (mm)	D	l ₁	l ₂	Weight (kg)
DS02192	E19	19.6	12	20	0.05
DS02252	E25	25.9	13	20	0.07
DS02312	E31	32.3	14	23	0.09
DS02392	E39	38.6	16	25	0.13
DS02512	E51	51.3	16	25	0.19
DS02632	E63	64.2	18	30	0.27
DS02752	E75	76.9	20	35	0.35

Set screw (threadless) Bends

- Sheet steel finished with zinc plating



Cat . No.	Size (mm)	D	L	I	R	Weight (kg)
DS0325	E25	25.9	170	34	120	0.4
DS0331	E31	32.3	210	49	150	0.6
DS0339	E39	38.6	255	44	180	1.0
DS0351	E51	51.3	330	49	230	1.6
DS0363	E63	64.2	410	55	290	2.0
DS0375	E75	76.9	500	60	350	* 3.0

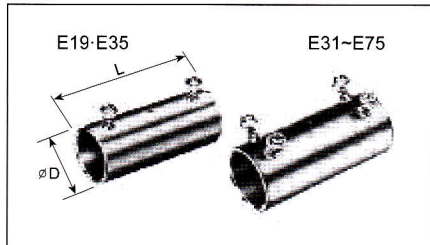
Plain Conduit Fittings

JIS

(unit : mm)

Set screw (threadless) Couplings

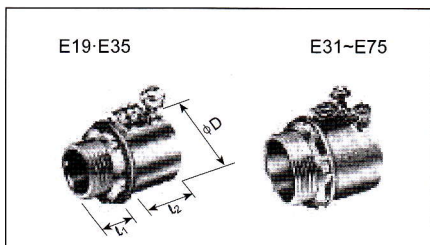
- Sheet steel finished with zinc plating



Cat . No.	Size (mm)	D	L	No. of screw	Weight (kg)
DS0119	E19	19.6	57	2	0.07
DS0125	E25	25.9	67	2	0.10
DS0131	E31	32.3	76	4	0.14
DS0139	E39	38.6	86	4	0.24
DS0151	E51	51.3	95	4	0.33
DS0163	E63	64.2	105	4	0.45
DS0175	E75	76.9	114	4	0.57

Set screw (threadless) Connectors (with grounding terminal)

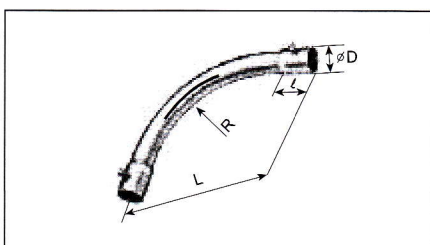
- Sheet steel finished with zinc plating with lock nut.



Cat . No.	Size (mm)	D	l ₁	l ₂	Weight (kg)
DS02192	E19	19.6	12	20	0.05
DS02252	E25	25.9	13	20	0.07
DS02312	E31	32.3	14	23	0.09
DS02392	E39	38.6	16	25	0.13
DS02512	E51	51.3	16	25	0.19
DS02632	E63	64.2	18	30	0.27
DS02752	E75	76.9	20	35	0.35

Set screw (threadless) Bends

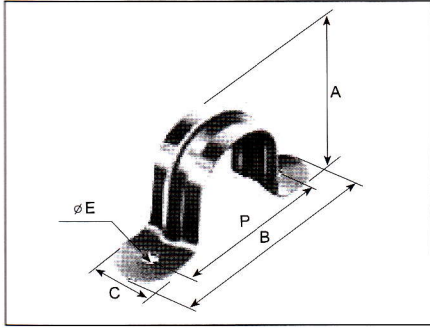
- Sheet steel finished with zinc plating



Cat . No.	Size (mm)	D	L	I	R	Weight (kg)
DS0325	E25	25.9	170	34	120	0.4
DS0331	E31	32.3	210	49	150	0.6
DS0339	E39	38.6	255	44	180	1.0
DS0351	E51	51.3	330	49	230	1.6
DS0363	E63	64.2	410	55	290	2.0
DS0375	E75	76.9	500	60	350	* 3.0

Saddles

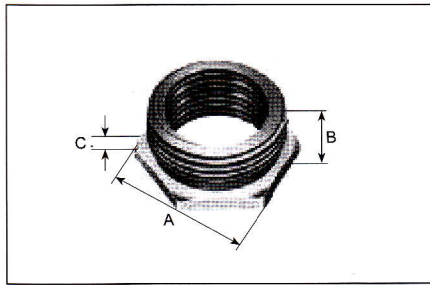
- Sheet steel finished with zinc plating



Cat . No.	Nominal Size	A	B	C	P	E	Weight (kg)
DF1616	16	19.5	65	20	45	5	0.012
DF1622	22	25	75	20	55	5	0.014
DF1628	28	31.8	90	25	65	5.5	0.030
DF1636	36	40.4	100	25	75	5.5	0.036
DF1642	42	46.3	110	25	85	5.5	0.050
DF1654	54	58.1	125	25	100	5.5	0.065
DF1670	70	73.7	150	30	120	6.5	0.090
DF1682	82	86.4	165	35	135	6.5	0.120
DF1692	92	100.1	180	35	150	6.5	0.150
DF1604	104	112.8	200	35	170	6.5	0.160

Reducers

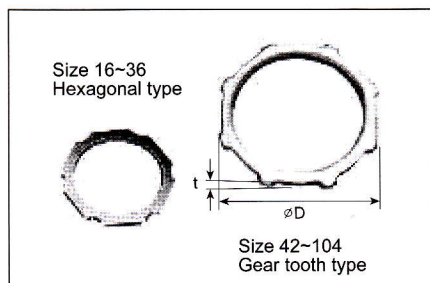
- Cast iron with zinc-electroplating



Cat . No.	Nominal Size	A	B	C	Weight (kg)
DF5222	22 - 16	28	15	4	0.035
DF5228	28 - 22	35	17.5	4	0.040
DF5236	36 - 28	43.5	20	4.5	0.080
DF5242	42 - 36	52.5	21.5	5	0.100

Lock nuts

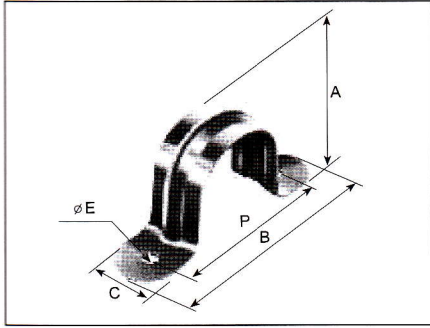
- 16~82;
Sheet steel finished with zinc electroplating
- Cast iron finished with zinc-electroplating



Cat . No.	Nominal Size	D	t	Weight (kg)
DF1216	16	27	3.6	0.009
DF1222	22	33	3.6	0.012
DF1228	28	41	4.5	0.019
DF1236	36	49	4.5	0.020
DF1242	42	61	4.5	0.031
DF1254	54	74	5	0.038
DF1270	70	93	5	0.061
DF1282	82	106	5	0.065
DF1292	92	121	5	0.24
DF1204	104	135	5	0.26

Saddles

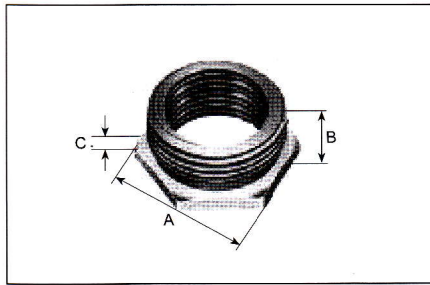
- Sheet steel finished with zinc plating



Cat . No.	Nominal Size	A	B	C	P	E	Weight (kg)
DF1616	16	19.5	65	20	45	5	0.012
DF1622	22	25	75	20	55	5	0.014
DF1628	28	31.8	90	25	65	5.5	0.030
DF1636	36	40.4	100	25	75	5.5	0.036
DF1642	42	46.3	110	25	85	5.5	0.050
DF1654	54	58.1	125	25	100	5.5	0.065
DF1670	70	73.7	150	30	120	6.5	0.090
DF1682	82	86.4	165	35	135	6.5	0.120
DF1692	92	100.1	180	35	150	6.5	0.150
DF1604	104	112.8	200	35	170	6.5	0.160

Reducers

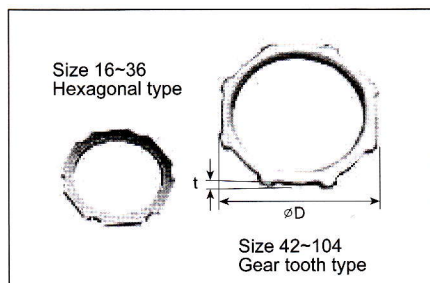
- Cast iron with zinc-electroplating



Cat . No.	Nominal Size	A	B	C	Weight (kg)
DF5222	22 - 16	28	15	4	0.035
DF5228	28 - 22	35	17.5	4	0.040
DF5236	36 - 28	43.5	20	4.5	0.080
DF5242	42 - 36	52.5	21.5	5	0.100

Lock nuts

- 16~82;
Sheet steel finished with zinc electroplating
- Cast iron finished with zinc-electroplating



Cat . No.	Nominal Size	D	t	Weight (kg)
DF1216	16	27	3.6	0.009
DF1222	22	33	3.6	0.012
DF1228	28	41	4.5	0.019
DF1236	36	49	4.5	0.020
DF1242	42	61	4.5	0.031
DF1254	54	74	5	0.038
DF1270	70	93	5	0.061
DF1282	82	106	5	0.065
DF1292	92	121	5	0.24
DF1204	104	135	5	0.26

White Conduit & Conduit Fittings

JIS

Plain conduit (Threadless)

JIS C 8305

Item No.	Size	Outside Diameter (mm)	Nominal Wall Thickness (mm)	Length (mm)	Nominal Weight (kg/pc)	Primary Bundle (pcs)	Master Bundle (pcs)
DW 819T	E 19	19.1	1.20	3,660	1.94	10	400
DW 825T	E 25	25.4	1.20	3,660	2.62	10	250
DW 831T	E 31	31.8	1.40	3,660	3.84	7	175
DW 839T	E 39	38.1	1.40	3,660	4.64	5	125
DW 851T	E 51	50.8	1.40	3,660	6.24	3	75
DW 863T	E 63	63.5	1.60	3,660	8.94	-	50
DW 875T	E 75	76.2	1.80	3,660	12.09	-	40

Thin wall conduit (Threaded)

JIS C 8305

Item No.	Size	Outside Diameter (mm)	Nominal Wall Thickness (mm)	Length (mm)	Nominal Weight (kg/pc)	Primary Bundle (pcs)	Master Bundle (pcs)
DW 119T	C 19	19.1	1.60	3,660	2.53	10	400
DW 125T	C 25	25.4	1.60	3,660	3.44	10	250
DW 131T	C 31	31.8	1.60	3,660	4.36	7	175
DW 139T	C 39	38.1	1.60	3,660	5.27	5	125
DW 151T	C 51	50.8	1.60	3,660	7.11	3	75
DW 163T	C 63	63.5	2.00	3,660	11.10	-	50
DW 175T	C 75	76.2	2.00	3,660	13.40	-	40

Thick wall conduit (Threaded)

JIS C 8305

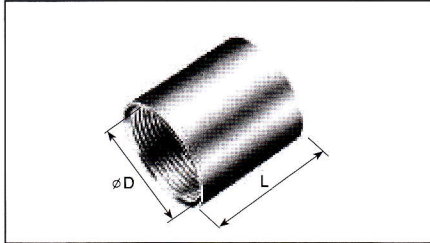
Item No.	Size	Outside Diameter (mm)	Nominal Wall Thickness (mm)	Length (mm)	Nominal Weight (kg/pc)	Primary Bundle (pcs)	Master Bundle (pcs)
DW 216T	G 16	21.0	2.30	3,660	3.88	10	250
DW 222T	G 22	26.5	2.30	3,660	5.02	10	175
DW 228T	G 28	33.3	2.50	3,660	6.95	7	125
DW 236T	G 36	41.9	2.50	3,660	8.89	5	75
DW 242T	G 42	47.8	2.50	3,660	10.22	3	75
DW 254T	G 54	59.6	2.80	3,660	14.35	-	50
DW 270T	G 70	75.2	2.80	3,660	18.30	-	40
DW 282T	G 82	87.9	2.80	3,660	21.51	-	30
DW 392T	G 92	100.7	3.50	3,660	30.71	-	20
DW 394T	G 104	113.4	3.50	3,660	34.72	-	20

Thick Wall Conduit Fittings

JIS

Couplings

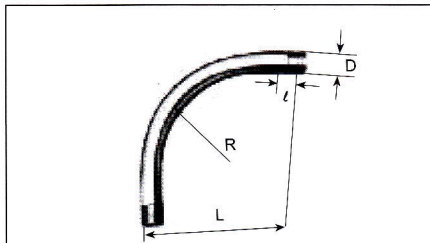
• Sheet steel finished with zinc plating



Cat . No.	Nominal Size	D	L	Weight (kg)
DF1116	16	25	38	0.06
DF1122	22	31	44	0.09
DF1128	28	37.5	50	0.14
DF1136	36	48.5	56	0.24
DF1142	42	54.5	56	0.34
DF1154	54	68	64	0.56
DF1170	70	84	72	0.71
DF1182	82	97	80	0.92
DF1192	92	110.5	85	1.60
DF1104	104	123.5	90	1.70

Normal Bends

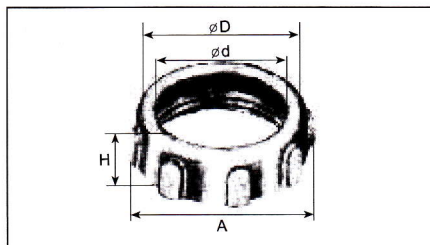
• Sheet steel finished with zinc plating



Cat . No.	Nominal Size	D	I	L	R	Weight (kg)
DF1316	16	21.3	18	150	90	0.24
DF1322	22	26.5	20	180	110	0.41
DF1328	28	33.3	23	215	140	0.62
DF1336	36	41.9	26	250	170	0.95
DF1342	42	47.8	26	295	210	1.40
DF1354	54	59.6	30	345	235	2.24
DF1370	70	75.2	34	425	275	2.83
DF1382	82	87.9	38	510	310	4.80
DF1392	92	100.7	39	575	355	8.90
DF1304	104	113.4	42	645	395	9.80

Bushing

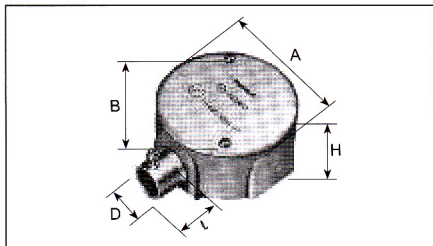
• Sheet steel finished with zinc plating



Cat . No.	Nominal Size	d	A	H	D	Weight (kg)
DF1416	16	16	26	9	24	0.011
DF1422	22	22	33	10	30	0.017
DF1428	28	28	40	12	37	0.028
DF1436	36	36	49	13	46	0.040
DF1442	42	42	55	15	52	0.052
DF1454	54	53	70	16	65	0.088
DF1470	70	68	86	18	81	0.140
DF1482	82	81	100	20	95	0.210
DF1492	92	93	116	22	110	0.390
DF1404	104	105	131	24	125	0.490

**Set screw (threadless)
Circular surface boxes
(one way)**

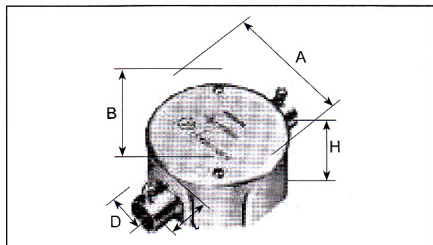
• Sheet steel finished with zinc plating



Cat . No.	Size (mm)	H	A	B	I	D	Weight (kg)
DS65191	E19	40.5	89.5	73	20	23	0.38
DS65251	E25	40.5	89.5	73	22	29.5	0.39
DS65311	E31	45	100	84	23	36	0.49

**Set screw (threadless)
circular surface boxes
(two way ; through)**

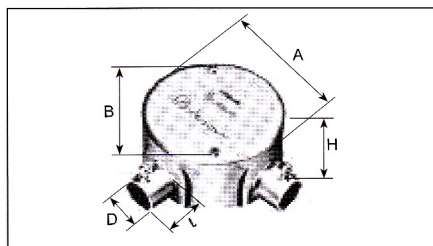
• Sheet steel finished with zinc plating



Cat . No.	Size (mm)	H	A	B	I	D	Weight (kg)
DS66191	E19	40.5	89.5	73	20	23	0.41
DS66251	E25	40.5	89.5	73	22	29.5	0.42
DS66311	E31	45	100	84	23	36	0.53

**Set screw (threadless)
circular surface boxes
(one way ; angle)**

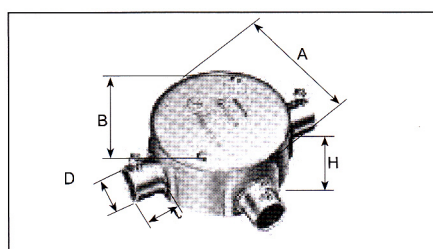
• Sheet steel finished with zinc plating



Cat . No.	Size (mm)	A	B	H	I	D	Weight (kg)
DS69191	E19	89.5	73	40.5	20	23	0.48
DS69251	E25	89.5	73	40.5	22	29.5	0.49
DS69311	E31	100	84	45	23	36	0.62

**Set screw (threadless)
circular surface boxes
(three way)**

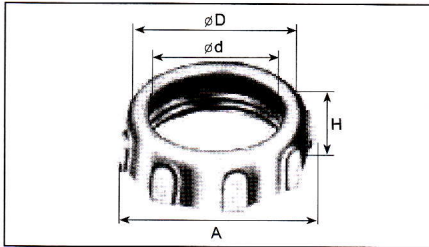
• Sheet steel finished with zinc plating



Cat . No.	Size (mm)	H	A	B	I	D	Weight (kg)
DS67191	E19	40.5	89.5	73	20	23	0.45
DS67251	E25	40.5	89.5	73	22	29.5	0.46
DS67311	E31	45	100	84	23	36	0.58

Bushing

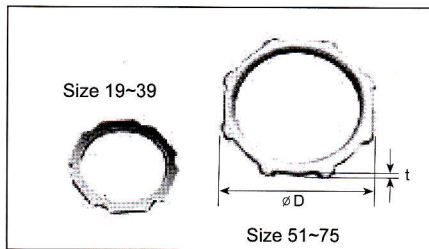
• Malleable cast iron with zinc electroplated



Cat . No.	Size (mm)	A	H	D	d	Weight (kg)
DS1419	E19	26.5	9	23	16	0.01
DS1425	E25	33	10	30	22	0.02
DS1431	E31	41	12	36	29	0.03
DS1439	E39	46	13	43	35	0.04
DS1451	E51	60	15	57	48	0.05
DS1463	E63	74	17	70	60	0.10
DS1475	E75	88	20	83	72	0.18

Lock nuts

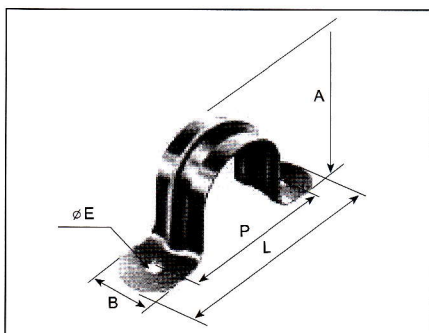
• Sheet steel with zinc electroplating



Cat . No.	Size (mm)	D	t	Weight (kg)
DS5419	E19	24	3.2	0.005
DS5425	E25	31.5	3.2	0.007
DS5431	E31	38	3.6	0.013
DS5439	E39	45	3.6	0.017
DS5451	E51	65	5.0	0.033
DS5463	E63	79	5.0	0.042
DS5475	E75	93	5.0	0.054

Saddles

• Sheet steel with zinc electroplating

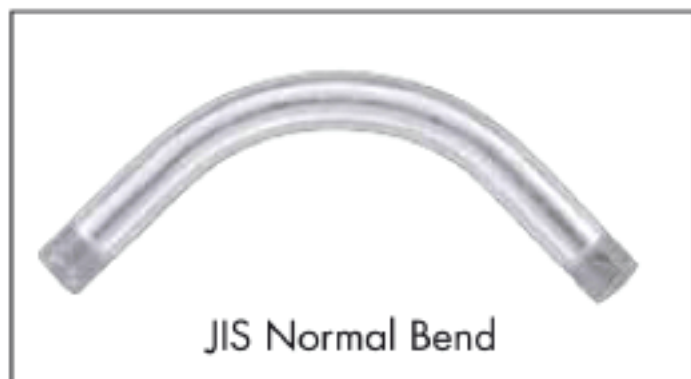


Cat . No.	Size (mm)	A	B	L	P	E	Weight (kg)
DS1619	E19	17.6	15	60	40	5	0.009
DS1625	E25	23.9	20	70	50	5	0.014
DS1631	E31	30.3	25	85	60	5.5	0.029
DS1639	E39	36.6	25	95	70	5.5	0.032
DS1651	E51	49.3	25	110	85	5.5	0.055
DS1663	E63	62.0	25	130	105	5.5	0.065
DS1675	E75	74.7	30	150	120	6.5	0.090

Normal Bend

JIS C 8330

Item No.	Size	Standard Pack (pcs)	Weight kg/pc
DF1316T	G 16	50	0.24
DF1322T	G 22	50	0.41
DF1328T	G 28	25	0.62
DF1336T	G 36	15	0.95
DF1342T	G 42	10	1.40
DF1354T	G 54	15	2.24
DF1370T	G 70	8	3.83
DF1382T	G 82	8	4.80
DF1392T	G 92	4	8.90
DF1304T	G 104	4	9.80



Thick wall conduit (Threaded)

JIS C 8305

Item No.	Size	Outside Diameter (mm)	Nominal Wall Thickness (mm)	Length (mm)	Nominal Weight (kg/pc)	Primary Bundle (pcs)	Master Bundle (pcs)
DW 216T	G 16	21.0	2.30	3,660	3.88	10	250
DW 222T	G 22	26.5	2.30	3,660	5.02	10	175
DW 228T	G 28	33.3	2.50	3,660	6.95	7	125
DW 236T	G 36	41.9	2.50	3,660	8.89	5	75
DW 242T	G 42	47.8	2.50	3,660	10.22	3	75
DW 254T	G 54	59.6	2.80	3,660	14.35	-	50
DW 270T	G 70	75.2	2.80	3,660	18.30	-	40
DW 282T	G 82	87.9	2.80	3,660	21.51	-	30
DW 392T	G 92	100.7	3.50	3,660	30.71	-	20
DW 394T	G 104	113.4	3.50	3,660	34.72	-	20

Thin wall conduit (Threaded)

JIS C 8305

Item No.	Size	Outside Diameter (mm)	Nominal Wall Thickness (mm)	Length (mm)	Nominal Weight (kg/pc)	Primary Bundle (pcs)	Master Bundle (pcs)
DW 119T	C 19	19.1	1.60	3,660	2.53	10	400
DW 125T	C 25	25.4	1.60	3,660	3.44	10	250
DW 131T	C 31	31.8	1.60	3,660	4.36	7	175
DW 139T	C 39	38.1	1.60	3,660	5.27	5	125
DW 151T	C 51	50.8	1.60	3,660	7.11	3	75
DW 163T	C 63	63.5	2.00	3,660	11.10	-	50
DW 175T	C 75	76.2	2.00	3,660	13.40	-	40

Plain conduit (Threadless)

JIS C 8305

Item No.	Size	Outside Diameter (mm)	Nominal Wall Thickness (mm)	Length (mm)	Nominal Weight (kg/pc)	Primary Bundle (pcs)	Master Bundle (pcs)
DW 819T	E 19	19.1	1.20	3,660	1.94	10	400
DW 825T	E 25	25.4	1.20	3,660	2.62	10	250
DW 831T	E 31	31.8	1.40	3,660	3.84	7	175
DW 839T	E 39	38.1	1.40	3,660	4.64	5	125
DW 851T	E 51	50.8	1.40	3,660	6.24	3	75
DW 863T	E 63	63.5	1.60	3,660	8.94	-	50
DW 875T	E 75	76.2	1.80	3,660	12.09	-	40

Normal Bends <for EMT>

Listed by "UL" File No. E-44051

UL797

Item No.	Size (inch)	Standard pack (Pcs/Box)	Weight kg/pc
DSE 04012Y	1/2	80	0.10
DSE 04034Y	3/4	35	0.20
DSE 04100Y	1	36	0.40
DSE 04114Y	1 - 1/4	20	0.60
DSE 04112Y	1 - 1/2	28	0.80
DSE 04200Y	2	15	1.10

Connector (Steel) <for EMT>

Item No.	Size (inch)	Standard pack (Pcs/Box)	Weight kg/pc
DFM 020122Y	1/2	300	0.040
DFM 020342Y	3/4	200	0.066
DFM 021002Y	1	100	0.086

Normal Bends <for IMC>

Item No.	Size (inch)	Standard pack (Pcs/Box)	Weight kg/pc
DFM 13012Y	1/2	54	0.30
DFM 13034Y	3/4	50	0.40
DFM 13100Y	1	30	0.80
DFM 13114Y	1 - 1/4	36	1.00
DFM 13112Y	1 - 1/2	21	1.40
DFM 13200Y	2	10	2.50
DFM 13212Y	2 - 1/2	1	4.80
DFM 13300Y	3	1	6.60
DFM 13312Y	3 - 1/2	1	8.90
DFM 13400Y	4	1	12.30

Normal Bends <for RSC>

Item No.	Size (inch)	Standard pack (Pcs/Box)	Weight kg/pc
DFR13012Y/ZY	1/2	54	0.32
DFR13034Y/ZY	3/4	50	0.46
DFR13100Y/ZY	1	30	0.88
DFR13114Y/ZY	1 - 1/4	36	1.60
DFR13112Y/ZY	1 - 1/2	21	2.11
DFR13200Y/ZY	2	10	3.20
DFR13212Y	2 - 1/2	1	5.70
DFR13300ZY	3	1	9.12
DFR13312ZY	3 - 1/2	1	17.02
DFR13400ZY	4	1	18.48

Couplings (Steel) <for EMT>

Item No.	Size (inch)	Standard pack (Pcs/Box)	Weight kg/pc
DSE 01012Y	1/2	300	0.038
DSE 01034Y	3/4	200	0.071
DSE 01100Y	1	100	0.095
DSE 01114Y	1 - 1/4	60	0.147
DSE 01112Y	1 - 1/2	60	0.178
DSE 01200Y	2	30	0.261

Flexible Conduit

Item No.	Size (inch)	Outside diameter (mm)	Standard pack (m / Roll)	Weight kg/pc
DME 012	1/2	21.84 ~ 23.37	30	7.80
DME 034	3/4	26.54 ~ 28.07	30	9.70
DME 100	1	33.02 ~ 35.05	15	5.80

Couplings (Steel) <for IMC>

Item No.	Size (inch)	Standard pack (Pcs/Box)	Weight kg/pc
DFM 11012Y	1/2	250	0.059
DFM 11034Y	3/4	200	0.090
DFM 11100Y	1	150	0.125
DFM 11114Y	1 - 1/4	100	0.187
DFM 11112Y	1 - 1/2	100	0.219
DFM 11200Y	2	40	0.330
DFM 11212Y	2 - 1/2	18	0.770
DFM 11300Y	3	18	0.837
DFM 11312Y	3 - 1/2	12	1.182
DFM 11400Y	4	12	1.336

Couplings (Steel) <for RSC>

Item No.	Size (inch)	Standard pack (Pcs/Box)	Weight kg/pc
DFR11012Y/ZY	1/2	250	0.059
DFR11034Y/ZY	3/4	200	0.090
DFR11100Y/ZY	1	150	0.125
DFR11114Y/ZY	1 - 1/4	100	0.187
DFR11112Y/ZY	1 - 1/2	100	0.219
DFR11200Y/ZY	2	40	0.330
DFR11212ZY	2 - 1/2	18	0.770
DFR11300ZY	3	18	0.837
DFR11312ZY	3 - 1/2	12	1.182
DFR11400ZY	4	12	1.336



EMT Normal Bend



EMT Coupling



EMT Connector



Flexible Conduit



IMC Normal Bend



IMC Coupling



RSC Normal Bend



RSC Coupling

RSC (Rigid Steel Conduit)

Listed by "UL" File No. E-157617

UL 6

Item No.	Size (inch)	Outside Diameter (mm)	Minimum Wall Thickness (mm)	Length (mm)	Nominal Weight (kg/pc)	Primary Bundle (pcs)	Master Bundle (pcs)
DWR012Y/ZY	1/2	21.34	2.64	3,030	3.75	10	300
DWR034Y/ZY	3/4	26.67	2.72	3,030	4.96	10	250
DWR100Y/ZY	1	33.40	3.20	3,025	7.33	5	125
DWR114Y/ZY	1 - 1/4	42.16	3.38	3,025	9.97	3	75
DWR112Y/ZY	1 - 1/2	48.26	3.51	3,025	11.94	3	75
DWR200Y/ZY	2	60.33	3.71	3,025	16.00	-	50
DWR212ZY	2 - 1/2	73.03	4.90	3,010	25.62	-	40
DWR300ZY	3	88.90	5.21	3,010	33.43	-	30
DWR400ZY	4	114.30	5.72	3,005	47.38	-	15
DWR500ZY	5	141.30	6.22	2,995	64.38	-	10
DWR600ZY	6	168.28	6.76	2,995	84.05	-	5

*Note: ZY Items are hot-dip galvanized both inside and outside.

IMC (Intermediate Metal Conduit)

Listed by "UL" File No. E-62193

UL 1242

Item No.	Size (inch)	Outside Diameter (mm)	Minimum Wall Thickness (mm)	Length (mm)	Nominal Weight (kg/pc)	Primary Bundle (pcs)	Master Bundle (pcs)
DWM012Y	1/2	20.70	1.79	3,030	2.85	10	300
DWM034Y	3/4	26.14	1.90	3,030	3.94	10	250
DWM100Y	1	32.77	2.16	3,025	5.23	5	125
DWM114Y	1 -1/4	41.59	2.16	3,025	7.48	3	75
DWM112Y	1 -1/2	47.81	2.29	3,025	8.67	3	75
DWM200Y	2	59.93	2.41	3,025	11.65	-	50
DWM212Y	2 -1/2	72.56	3.56	3,010	18.71	-	40
DWM300Y	3	88.29	3.56	3,010	22.87	-	30
DWM312Y	3 -1/2	100.86	3.56	3,005	26.43	-	20
DWM400Y	4	113.40	3.56	3,005	29.84	-	15

EMT (Electrical Metallic Tubing)

Listed by "UL" File No. E-44051

UL 797

Item No.	Size (inch)	Outside Diameter (mm)	Minimum Wall Thickness (mm)	Length (mm)	Nominal Weight (kg/pc)	Primary Bundle (pcs)	Master Bundle (pcs)
DWE012Y	1/2	17.93	1.02	3,048	1.46	10	500
DWE034Y	3/4	23.42	1.18	3,048	2.21	10	300
DWE100Y	1	29.54	1.37	3,048	3.08	5	200
DWE114Y	1 -1/4	38.35	1.57	3,048	4.74	5	125
DWE112Y	1 -1/2	44.20	1.57	3,048	5.49	5	100
DWE200Y	2	55.80	1.57	3,048	6.99	3	75

Superior galvanizing by in-line hot-dip process for greater protection against corrosion. Finished with durable and clear anti-corrosion coating for higher protection outside and higher grade epoxy coating inside.

Features

1) Easy and accurate bending

Panasonic White Conduit is made of high quality steel and processed by high frequency induction welding to prevent cracking when bend.

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.

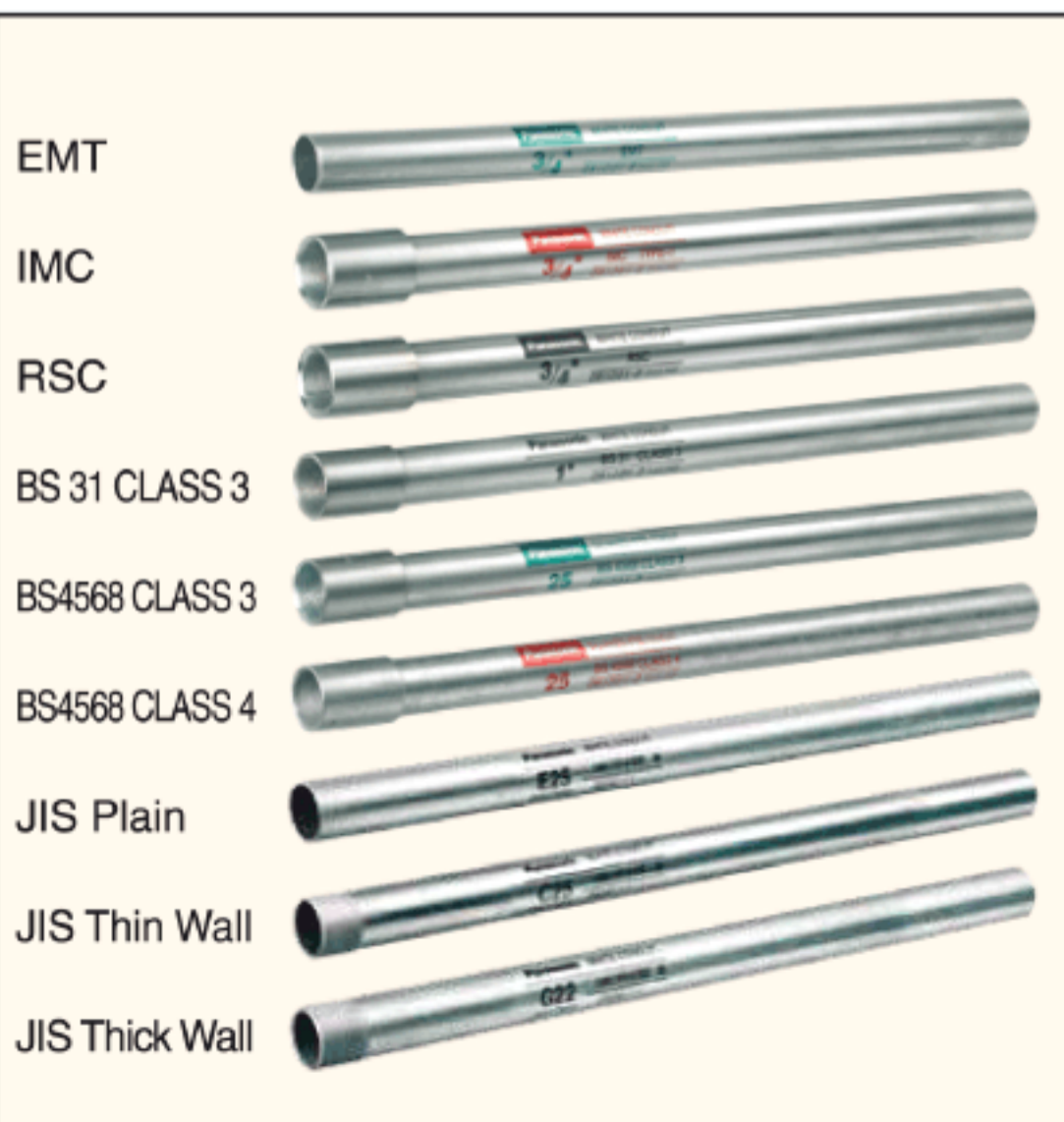
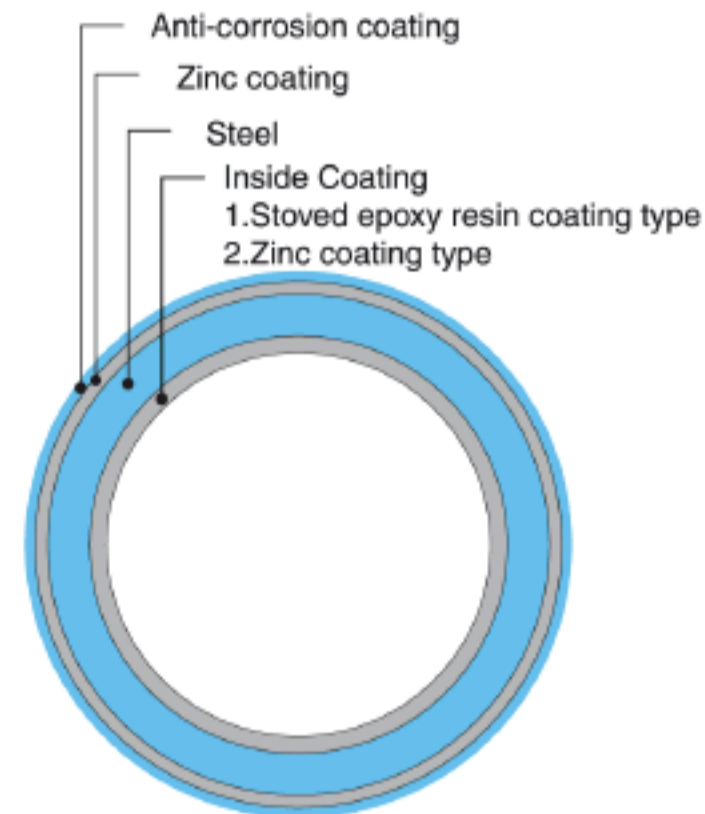
4) High corrosion resistance

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.

CROSS-SECTIONAL VIEW OF Panasonic WHITE CONDUIT



Standards

Panasonic WHITE CONDUIT is available in four types conforming to the following standards:

- * UL/ANSI (EMT, IMC and RSC)
- * BS (BS31-1940 and BS4568-1970)
- * TIS770
- * JIS (Plain, Thin Wall and Thick Wall)



Underwriters
Laboratories Inc.®



THAI INDUSTRIAL
STANDARD

1) Uncoiling

High quality strip steel coils are uncoiled and sent to the forming mills.

2) Coil-end welding

Both ends of the coils are welded to form a single strip.

3) Temporary coil-storing

Strip steel is stored here temporarily for coil end welding without stopping the main line.

4) Cleaning

All surface scale and oil on the strip steel are removed to assure accurate forming and rigid welding.

5) Forming

The flat strip steel is rolled into basic tubing.

6) Welding

Basic tubes are welded by a high frequency induction welder. This type of welding assures rigidity, splitting-resistance and effectively eliminates inside flash.

7) Inside coating

The inside wall of the conduit is coated with epoxy resin.

8) Cleaning

All surface scale and oil are removed from the tubing prior to galvanizing.

9) In-line Hot-Dip Galvanizing

The exterior of the tubing is uniformly and rigidly galvanized by a patented inline hot dip process.

10) Cooling

The heated galvanized tubing is cooled.

11) Sizing

The cooled, galvanized tubing is rolled to precise outside diameters in accordance with customer specifications.

12) Anti-corrosion coating

For protection in addition to zinc coating, the galvanized surface is finished with a clear anti-corrosion coating.

13) Cutting

Tubing is square-cut to the specified lengths.

14) Chamfering and threading

Both ends of the cut conduit are chamfered and threaded to precise tolerance.

15) Marking

Brand name, size, standards, production codes, etc. are marked on the conduit.

16) Bundling

Finished conduit is steel strapped into approximately one metric ton bundle.

17) Inspection

At all steps of production, strict quality control is enforced. Unless customer specifies UL, or other certificates, all conduit is inspected according to factory specifications.

