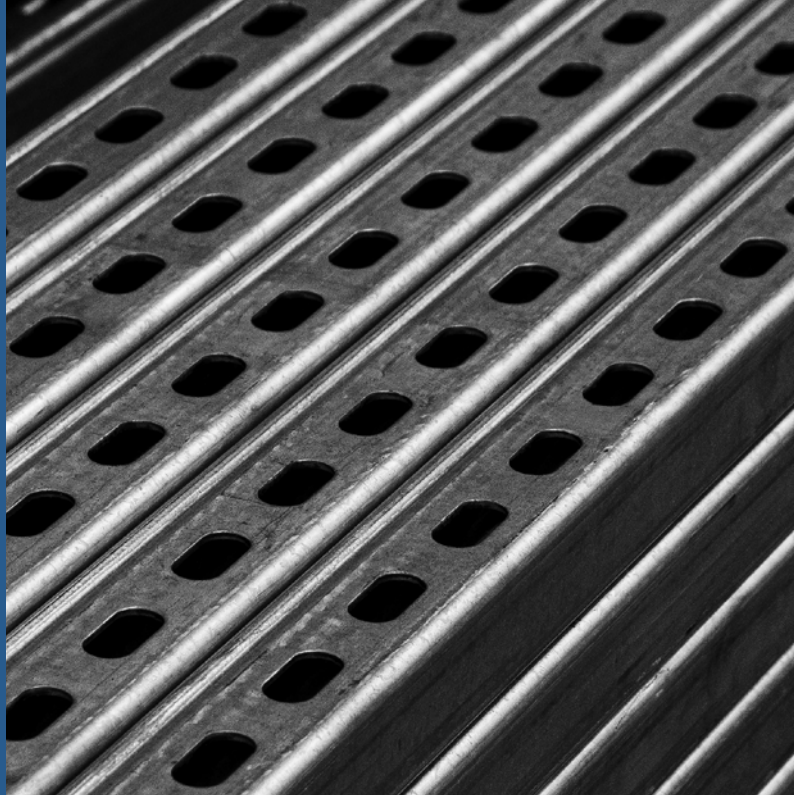


FLEXISTRUT AUSTRALIA



Flexistrut deploys dedicated sales personnel who visit major contractor offices and construction sites to assess and provide expert guidance on the most efficient and cost-effective utilisation of our product range.

In addition to supplying direct to consumer, Flexistrut also facilitates wholesale distribution to resellers across Australia. This ensures comprehensive coverage and accessibility to our products nation wide.



The construction industry is renowned for it's demanding schedules. To address this, we maintain substantial stock of our product range. Along with this our Victorian branch has a team of specialised welders and fabricators.

This approach allows us to have a steady supply chain and fast turn around time when custom made items are required.



ENGINEERING

Flexistrut's team of structural engineers have a wealth of knowledge in the construction industry. Working with trade contractors, mechanical & services engineers, they produce innovative, tailored and practical design solutions that are cost-effective, while meeting current building standards.



SERVICES PROVIDED

Compliance Certification
Structural Analysis & Design
Structural Advice
Seismic Restraint Design
Design Reviews
Frame Design
Beam Design
Pipe Riser Support Design
Prefab Module Design
Crane Lifting Checks
Suspended Ceiling Framing
Work & Access Platform
CAD Drawings

SEISMIC SOLUTIONS

Flexistrut provide seismic solutions for the building services industry. Our engineers will work with the contractor throughout the design and construction phase to ensure that compliance is achieved. We stock a range of off-the-shelf seismic restraints that can be used to streamline the installation process.

CONTENTS

CHANNELS & ACCESSORIES

9 - 30

CHANNELS	10 - 21
FM1000 & LOADING TABLE	10 - 11
FM2000 & LOADING TABLE	12 - 13
FM3300 & LOADING TABLE	14 - 15
FM4000 & LOADING TABLE	16 - 17
FM5500 & LOADING TABLE	18 - 19
FM8300 & LOADING TABLE	20 - 21
CONCRETE INSERTS	22
END CAPS & CLOSURE STRIPS	22
CHANNEL NUTS	23
FAST NUTS	23
FLAT PLATE FITTINGS	24
90° ANGLE FITTINGS	25 - 26
WING SHAPE FITTINGS	26
'U' SHAPE FITTINGS	27
'Z' SHAPE FITTINGS	28
TROLLEY ASSEMBLIES	28
ANGULAR FITTINGS	29
BASE PLATES	29
CURTAIN TRACK SLIDERS	30
CANTILEVER BRACKETS / FITTINGS	30

ANGLE, ROD & ACCESSORIES

31 - 43

ALLTHREAD ROD	32
ALLTHREAD STUBS	32
ANGLE / SLOTTED ANGLE	32
EYE NUTS	33
DROP IN ANCHORS	33
WEDGE NUTS	33
ROD COUPLERS	33
THREADED ROD CLAMPS	33
MOUNTING PLATES	34
ANGLE BRACKETS	35
PURLIN CLEATS	36

ANGLE, ROD & ACCESSORIES

31 - 43

PURLIN CLIPS	36 - 37
BRACING SYSTEM	38
BEAM CLAMPS	39 - 41
PIPE BEAM CLIPS	42
U BOLTS	42 - 43

PIPE CLAMPS

44 - 114

DOUBLE BOLTED CLAMPS	45 - 51
SPIDER CLAMPS	52
BAND CLAMPS	53 - 57
BAND CLAMP ATTACHMENTS	54
NUT CLIPS	58 - 65
ACOUSTIC CLIPS	66
SPHERICAL WASHERS	67
HANGER CLEVIS	67
EYEBOLTS	67
BLADE END HANGERS	67
BEAM HANGERS	68
HANGER STIRRUPS	68
EYE NUTS	68
ONE PIECE CHANNEL CLIPS	69
FAST CLIP	69
CHANNEL CLIP FOR REFRIGERATION PIPE	69
TWO PIECE CHANNEL CLIPS	70 - 72
F.R.C CLAMPS & SADDLES	73
SADDLE CLAMPS	74 - 75
PEAR BANDS	76
SHANK CLIPS	77
YOKE CLAMPS	77 - 78
CLEVIS HANGERS	79
SLIDE GUIDES	80 - 85
SPIDER GUIDES	86 - 87
RISER GUIDES	88 - 91
ROLLER GUIDES	92 - 97
ANCHORS	98 - 105

PIPE CLAMPS 44 - 114

PETRO CHEM CLAMPS	106 - 108
GAS RISERS	109 - 111
FERRULES	112
FLEXIBLOCKS	113
POLYURETHANE BLOCKS	114

FIRE PROTECTION 115 - 122

LIGHT DUTY SADDLES	116
TWIST CLIPS	116
NUT CLIPS	116
U BOLTS	117
PEAR BANDS	117
CANTILEVER BRACKETS	118
BEAM CLAMPS	118
WEDGE NUTS	118
PURLIN CLIPS	119
PURLIN CLEATS	120
BEAM CLIPS	120
MEDIUM DUTY SADDLES	120
MEDIUM DUTY DOUBLE BOLTED CLAMPS	121
MEDIUM DUTY YOKE CLAMPS	121
TWO PIECE CHANNEL CLIPS	122
ANGLE / SLOTTED ANGLE	122
WRAP AROUND BANDS	122

VIBRATION ISOLATION 123 - 128

TYPE 'ND' RUBBER MOUNTS	124
RL MOUNTS	124
HD HANGERS	125
HD ELEMENTS	125
WAFFLE PADS	125
RUBBER GROMMETS	126
SPRING CAGE ASSEMBLY	126
HANGER SPRING 'Y' SERIES	126
IM Y SERIES	126
IM X & A SERIES	127
TOP HATS	127
FLEXIBARRIER	128
FLEXICUSHION	128
ACOUSTIC LIPPED RUBBER	128

DUCT ACCESSORIES 129 - 131

'Z' BRACKETS	130
H.D 'Z' BRACKETS	130
'L' BRACKETS	130
REGISTER SPRINGS	130
DUCT BOLTS	130
DUCT EARS	131
DUCT CLEATS	131
DUCT TOOLS	131

DOMESTIC PLUMBING 132 - 135

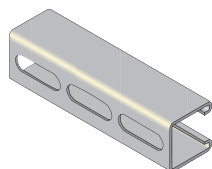
DWV PVC CLIPS	133
DWV EXPANSION CLIPS	133
COPPER CLIPS	133
HANGING STRAP	134
STAND OFF BRACKETS	134
DOMESTIC CLEVIS HANGERS	134
SHORT SADDLES	135
STAND OFF SADDLES	135
STAND OFF BRACKETS	135

ELECTRICAL 136 - 141

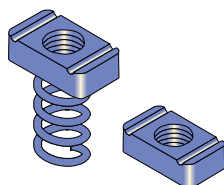
PERFORATED CABLE TRAY	137
LADDER TRAY	137
FLEXI TRAY COVER	137
CABLE LADDER	138
FISH PLATES	138
TRAY BOLTS & NUTS	138
LINK PLATES	139
HOLD DOWN CLAMPS	139
T-X BRACKETS	139
RADIUS PLATES	139
BARRIER STRIPS	139
TRAPEZE SUPPORTS	140
TRIFOIL CLAMPS	140
QUADFOIL CLAMPS	140
CHANNEL JOINERS	141
FMC BEAM CLAMPS	141
FMCR CLIPS	141

PICTORAL INDEX

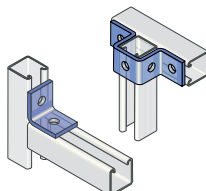
CHANNELS & ACCESSORIES



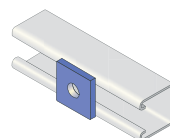
CHANNELS
Pages 10 - 21



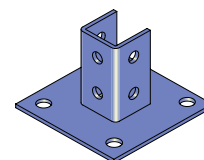
SPRING/CHANNEL NUTS
Pages 23



CHANNEL FITTINGS
Pages 24 - 29

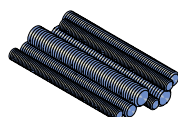


SQUARE WASHERS
Pages 23

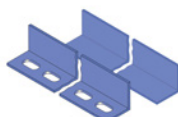


BASE PLATES
Pages 29

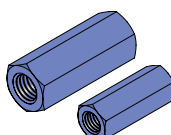
ANGLE, ROD & ACCESSORIES



ALL THREAD ROD
Pages 32



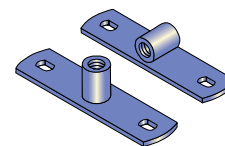
ANGLE
Pages 32



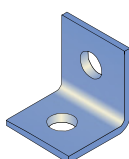
ROD COUPLERS
Pages 33



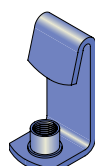
EYE NUTS
Pages 33



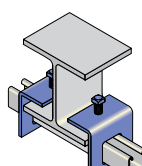
MOUNTING PLATES
Pages 34



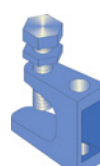
ANGLE BRACKETS
Pages 35



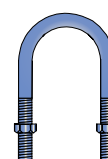
PURLIN CLIPS
Pages 36 - 37



BEAM CLAMPS
Pages 39 - 41

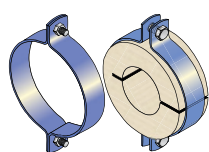


BEAM CLAMPS
Pages 41

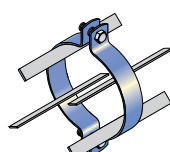


U-BOLTS
Pages 42 - 43

PIPE CLAMPS



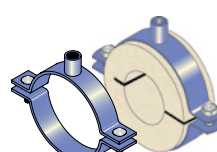
DOUBLE BOLTED CLAMPS
Pages 45 - 51



SPIDER CLAMPS
Pages 52



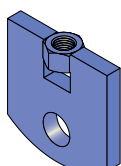
BAND CLAMPS
Pages 53 - 57



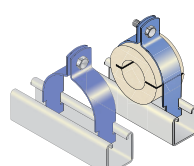
NUT CLIPS
Pages 58 - 65



ACOUSTIC CLIPS
Pages 66



EYE NUTS
Pages 68



2 PIECE CHANNEL CLIPS
Pages 70 - 72



SADDLES
Pages 74 - 75



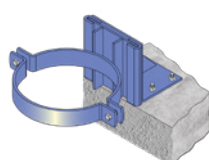
YOKE CLAMPS
Pages 77 - 78



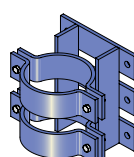
CLEVIS HANGERS
Pages 79



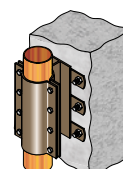
SLIDE GUIDES
Pages 80 - 85



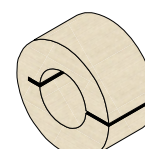
RISER GUIDES
Pages 88 - 91



ANCHORS
Pages 98 - 105

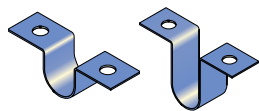


GAS RISERS
Pages 109 - 111

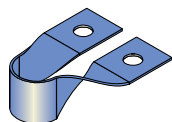


FERRULES
Pages 112

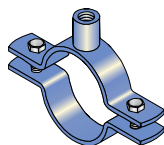
FIRE PROTECTION



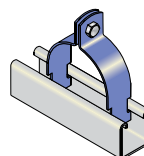
LIGHT DUTY SADDLES
Pages 116



TWIST CLIPS
Pages 116



NUT CLIPS
Pages 116

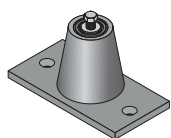


2 PIECE CHANNEL CLIPS
Pages 122



WRAP AROUND BANDS
Pages 122

VIBRATION ISOLATION



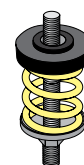
RUBBER MOUNTS
Pages 124



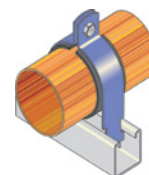
WAFFLE PADS
Pages 125



RUBBER GROMMETS
Pages 126

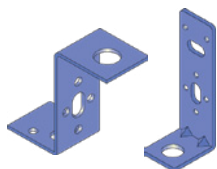


SPRINGS
Pages 126



FLEXI BARRIER
Pages 128

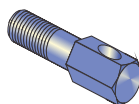
DUCT ACCESSORIES



DUCT BRACKETS
Pages 130



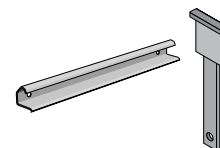
REGISTER SPRINGS
Pages 130



DUCT BOLTS
Pages 130



DUCT EARS
Pages 131



DUCT CLEATS
Pages 131

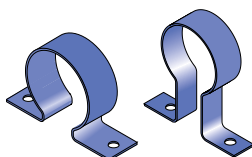
DOMESTIC PLUMBING



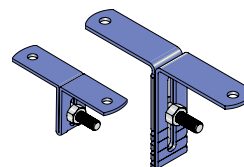
DOMESTIC CLIPS
Pages 133



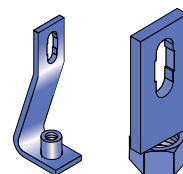
HANGING STRAPS
Pages 134



STAND OFF SADDLES
Pages 134

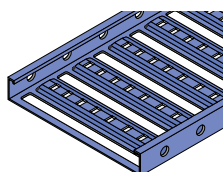


STAND OFF BRACKETS
Pages 134

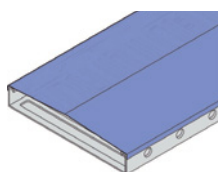


CLEVIS HANGERS
Pages 134

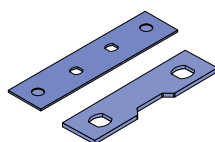
ELECTRICAL



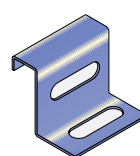
LADDER TRAY
Pages 137



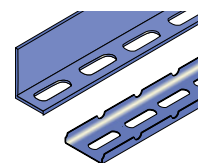
TRAY COVER
Pages 137



TRAY JOINERS
Pages 138



HOLD DOWN CLAMPS
Pages 139



RADIUS/BARRIER STRIP
Pages 139



SUPA

SUPPORT SYSTEMS

MODULAR DESIGN

SUPA is a fully modular and adjustable support system. The system is available in three profile sizes and includes a comprehensive range of fittings, bases and bracing components. Mostly utilised in the creation of supports, frames, or load-bearing structures, SUPA allows users the freedom to customise and modify designs with ease.

COST EFFECTIVE

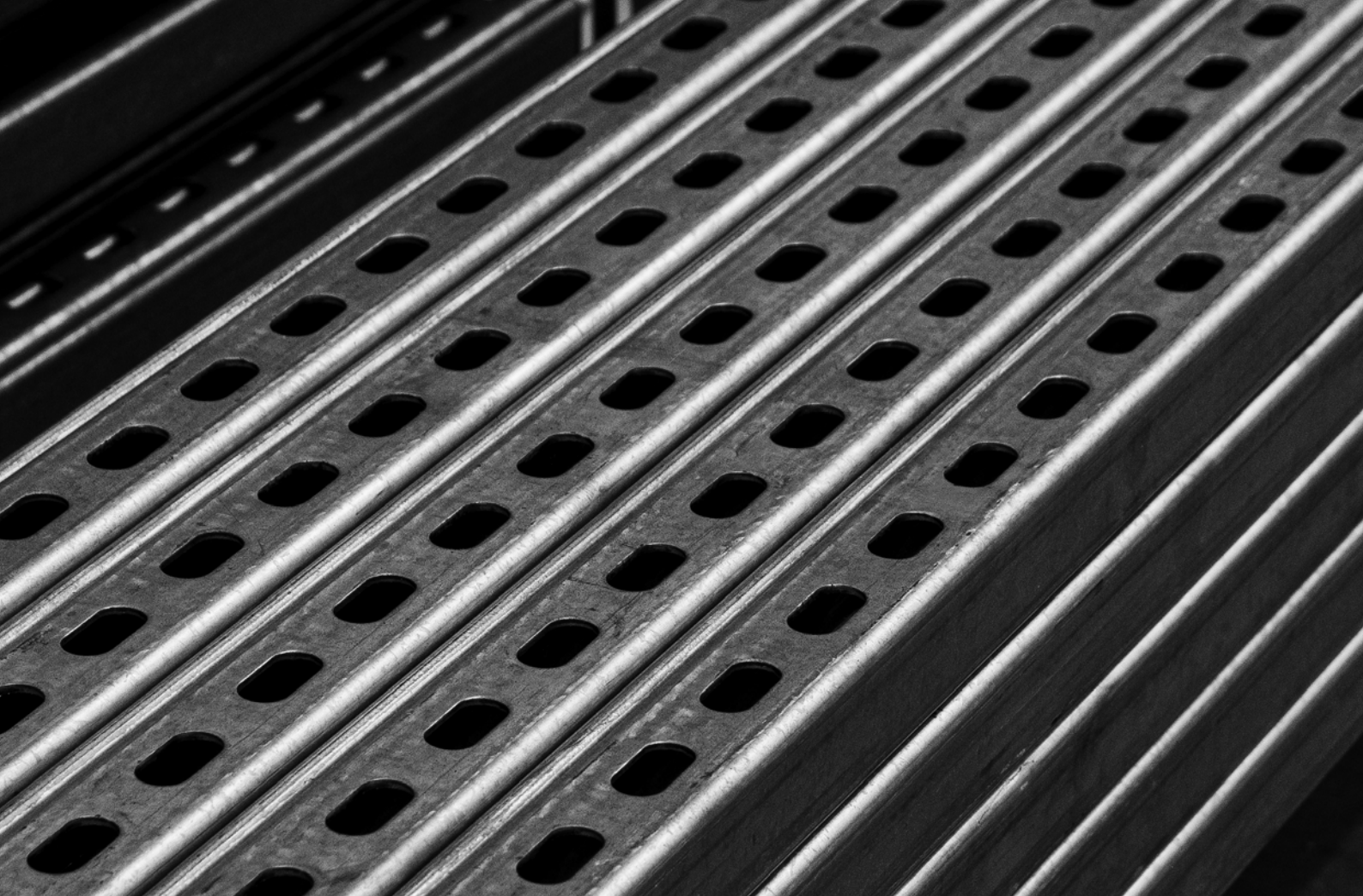
SUPA can support significantly heavier loads compared to conventional strut-type channels. In many instances, these heavier loads would usually demand the utilisation of specially crafted steel structures

SUPA's design allows for it to be constructed on or offsite and because of its easy-to-use bolting system it reduces the reliance on the need for specialised labour.



FULLY INTEGRATABLE

SUPA integrates into Flexistrut's existing product range. For our latest SUPA catalogue and to explore how SUPA can fit into your upcoming projects, contact your nearest branch or visit our website.



CONTENTS

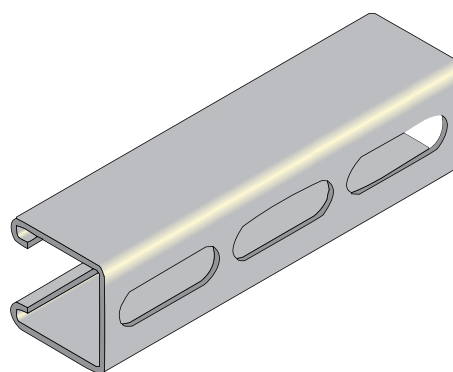
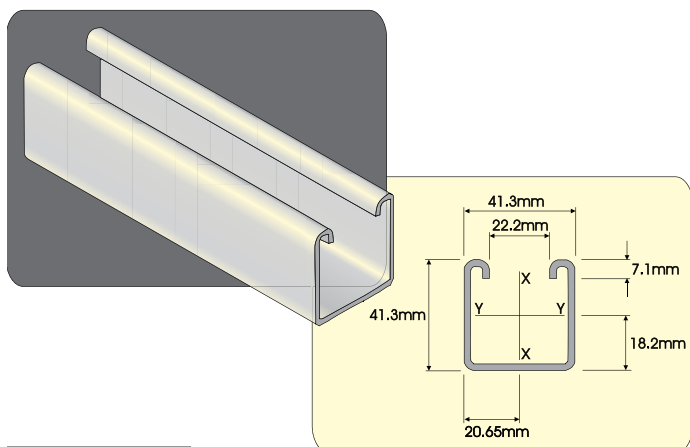
CHANNELS & ACCESSORIES

PLEASE NOTE:
ALL MEASUREMENTS ARE MILLIMETRE UNLESS SPECIFIED OTHERWISE

CHANNELS	10 - 21
FM1000 & LOADING TABLE	10 - 11
FM2000 & LOADING TABLE	12 - 13
FM3300 & LOADING TABLE	14 - 15
FM4000 & LOADING TABLE	16 - 17
FM5500 & LOADING TABLE	18 - 19
FM8300 & LOADING TABLE	20 - 21
CONCRETE INSERTS	22
END CAPS & CLOSURE STRIPS	22
CHANNEL NUTS	23
FAST NUTS	23

FLAT PLATE FITTINGS	24
90° ANGLE FITTINGS	25 - 26
WING SHAPE FITTINGS	26
'U' SHAPE FITTINGS	27
'Z' SHAPE FITTINGS	28
TROLLEY ASSEMBLIES	28
ANGULAR FITTINGS	29
BASE PLATES	29
CURTAIN TRACK SLIDERS	30
CANTILEVER BRACKETS / FITTINGS	30

FLEXISTRUT CHANNEL

**FM1000****FM1000T**

14mm x 30mm slots at approximately 50mm centres

TECHNICAL DATA	
Weight	2.61kg/m
Thickness	2.5mm
Material	235MPa (min yield stress) mild steel
Finish	Plain, Galvabond, Hot Dipped Galvanized, 316GR Stainless Steel (Other finishes available on request e.g Polyester Powder Coated)

SECTION PROPERTIES			Y-Y AXIS			X-X AXIS		
PART NO.	WEIGHT	AREA OF SECTION	MOMENT OF INERTIA	SECTION MODULUS	RADIUS OF GYRATION	MOMENT OF INERTIA	SECTION MODULUS	RADIUS OF GYRATION
	kg/m	mm ²	I 10 ⁶ mm ⁴	Z 10 ³ mm ³	r mm	I 10 ⁶ mm ⁴	Z 10 ³ mm ³	r mm
FM1000	2.61	332	0.071	3.090	14.6	0.092	4.431	16.6
FM1001	5.22	664	0.363	8.798	23.9	0.183	8.862	16.6
FM1000T	2.44	297.4	0.060	2.848	14.2	0.091	4.404	17.5

CHANNEL COMBINATIONS

FM1000	FM1000T	FM1001	FM1001-3	FM1001A
FM1001A3	FM1001B	FM1001B3	FM1001C	FM1001C3
FM1001C41	FM1001D3	FM1003	FM1003-1	FM1004A

FM1000 LOADING CRITERIA

Loads indicated below are in accordance with AS/NZS 4600:2018 Cold-formed steel structures

Minimum yield strength: $f_y = 235 \text{ MPa}$

Allowable loads derived from ultimate loads divided by 1.5

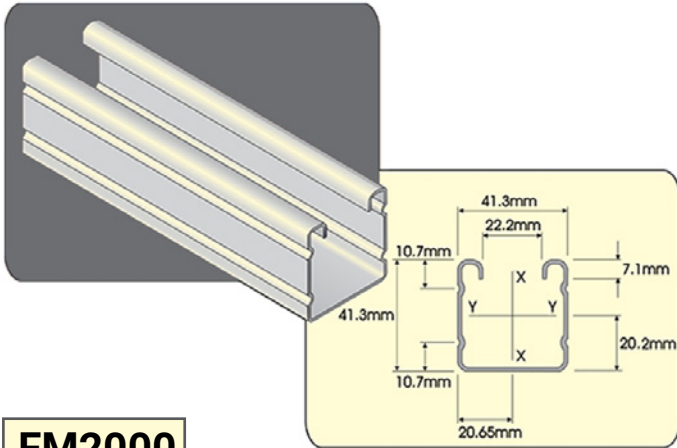
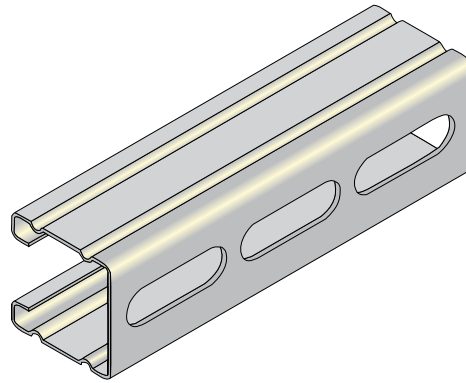
Beam load (and resulting deflection) are applied to a simply supported span (without full lateral restraint), about the Y-Y axis only

Beam self weight has been considered, the load provided is the additional allowable load that may be applied

Concentric column load is axially applied at centroid. Eccentric column load is axially applied at column face

BEAM SPAN or COLUMN LENGTH	CHANNEL TYPE	SIMPLY SUPPORTED BEAM				COLUMN	
		UNIFORMLY DISTRIBUTED LOAD		CENTRAL POINT LOAD		CONCENTRIC	ECCENTRIC
		ALLOWABLE LOAD	DEFLECTION	ALLOWABLE LOAD	DEFLECTION	ALLOWABLE LOAD	ALLOWABLE LOAD
		KG	MM	KG	MM	KG	KG
250	FM1000	1482	0.21	802	0.18	4657	1501
250	FM1000T	1387	0.23	743	0.20	4167	1454
250	FM1001	2556	0.07	1849	0.08	9315	3542
500	FM1000	802	0.90	410	0.73	4317	1436
500	FM1000T	743	0.99	379	0.81	3806	1379
500	FM1001	1848	0.41	1159	0.41	9315	3542
750	FM1000	543	2.05	273	1.65	3308	1266
750	FM1000T	502	2.25	253	1.82	2867	1201
750	FM1001	1448	1.07	779	0.92	9315	3542
1000	FM1000	385	3.45	193	2.76	2486	1062
1000	FM1000T	359	3.82	180	3.06	2112	992
1000	FM1001	1159	2.04	586	1.65	9055	3542
1250	FM1000	291	5.08	145	4.07	1880	888
1250	FM1000T	271	5.63	136	4.52	1580	818
1250	FM1001	932	3.20	470	2.58	7964	3542
1500	FM1000	229	6.93	115	5.56	1504	758
1500	FM1000T	215	7.72	108	6.18	1264	695
1500	FM1001	779	4.62	391	3.71	6807	3542
1750	FM1000	188	9.00	94	7.20	1255	662
1750	FM1000T	175	10.00	88	8.03	1056	603
1750	FM1001	649	6.12	325	4.90	5655	3269
2000	FM1000	157	11.25	79	9.00	1074	585
2000	FM1000T	147	12.49	74	10.05	905	532
2000	FM1001	549	7.73	275	6.19	4567	2880
2250	FM1000	134	13.62	67	10.92	935	521
2250	FM1000T	125	15.19	63	12.23	790	474
2250	FM1001	472	9.45	236	7.56	3615	2463
2500	FM1000	115	16.12	58	12.97	822	468
2500	FM1000T	109	18.13	55	14.54	697	425
2500	FM1001	410	11.25	205	9.01	2928	1577
2750	FM1000	101	18.79	51	15.11	729	422
2750	FM1000T	96	21.20	48	16.97	621	383
2750	FM1001	359	13.12	180	10.50	2420	1389
3000	FM1000	90	21.69	45	17.35	650	382
3000	FM1000T	85	24.30	42	19.53	556	347
3000	FM1001	316	15.00	158	12.02	2033	1232

FLEXISTRUT CHANNEL

**FM2000****FM2000T**

14mm x 30mm slots at approximately 50mm centres

TECHNICAL DATA

Weight	1.76kg/m
Thickness	1.6mm
Material	235MPa (min yield stress) mild steel
Finish	Galvabond, Aluminum. (AL denotes aluminum) (Other finishes available on request e.g Polyester Powder Coated)

SECTION PROPERTIES			Y-Y AXIS			X-X AXIS		
PART NO.	WEIGHT	AREA OF SECTION	MOMENT OF INERTIA	SECTION MODULUS	RADIUS OF GYRATION	MOMENT OF INERTIA	SECTION MODULUS	RADIUS OF GYRATION
	kg/m	mm ²	I 10 ⁶ mm ⁴	Z 10 ³ mm ³	r mm	I 10 ⁶ mm ⁴	Z 10 ³ mm ³	r mm
FM2000	1.76	224	0.051	2.223	15.1	0.064	3.106	16.9
FM2001	3.52	448	0.252	6.109	23.7	0.128	6.211	16.9
FM2000T	1.65	202	0.044	2.071	14.7	0.064	3.088	17.8

CHANNEL COMBINATIONS

FM2000	FM2000AL	FM2000T	FM2001

FM2000 LOADING CRITERIA

Loads indicated below are in accordance with AS/NZS 4600:2018 Cold-formed steel structures

Minimum yield strength: $f_{yf} = 235 \text{ MPa}$

Allowable loads derived from ultimate loads divided by 1.5

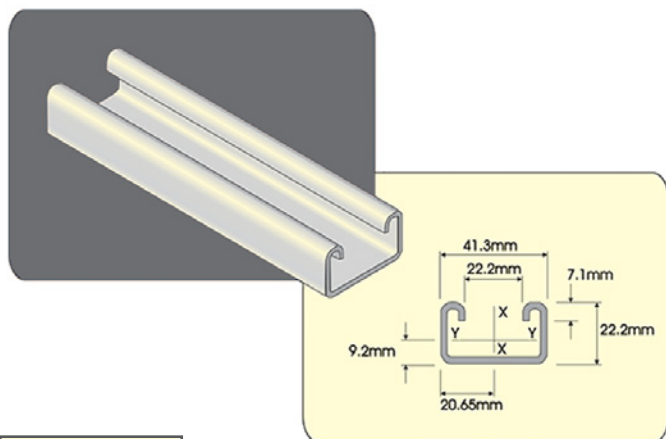
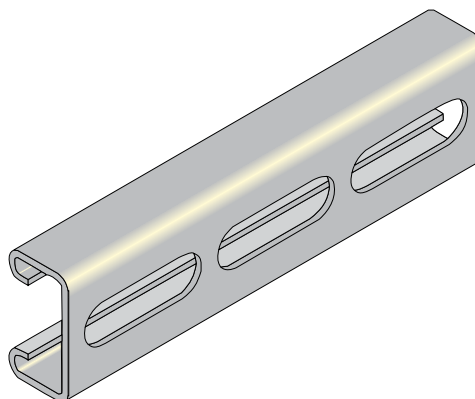
Beam load (and resulting deflection) are applied to a simply supported span (without full lateral restraint), about the Y-Y axis only

Beam self weight has been considered, the load provided is the additional allowable load that may be applied

Concentric column load is axially applied at centroid. Eccentric column load is axially applied at column face

BEAM SPAN or COLUMN LENGTH	CHANNEL TYPE	SIMPLY SUPPORTED BEAM				COLUMN	
		UNIFORMLY DISTRIBUTED LOAD		CENTRAL POINT LOAD		CONCENTRIC	ECCENTRIC
		ALLOWABLE LOAD	DEFLECTION	ALLOWABLE LOAD	DEFLECTION	ALLOWABLE LOAD	ALLOWABLE LOAD
		KG	MM	KG	MM	KG	KG
250	FM2000	822	0.16	543	0.17	2433	909
250	FM2000T	790	0.18	508	0.19	2190	871
250	FM2001	1221	0.05	955	0.06	4866	1820
500	FM2000	543	0.84	279	0.69	2433	898
500	FM2000T	508	0.93	259	0.76	2190	861
500	FM2001	955	0.30	665	0.34	4866	1797
750	FM2000	368	1.93	184	1.55	2069	829
750	FM2000T	344	2.12	173	1.70	1813	783
750	FM2001	784	0.84	510	0.87	4866	1760
1000	FM2000	253	3.16	127	2.52	1450	669
1000	FM2000T	239	3.49	119	2.79	1244	627
1000	FM2001	665	1.68	384	1.55	4866	1709
1250	FM2000	183	4.45	92	3.56	1009	525
1250	FM2000T	174	4.96	87	3.97	860	486
1250	FM2001	577	2.85	307	2.43	4866	1646
1500	FM2000	136	5.71	68	4.57	765	424
1500	FM2000T	130	6.42	65	5.14	650	391
1500	FM2001	510	4.35	255	3.49	4502	1538
1750	FM2000	103	6.86	51	5.49	614	352
1750	FM2000T	99	7.77	50	6.21	521	324
1750	FM2001	421	5.71	210	4.57	3814	1395
2000	FM2000	79	7.83	39	6.26	513	297
2000	FM2000T	77	8.97	38	7.18	436	274
2000	FM2001	353	7.14	176	5.72	3151	1251
2250	FM2000	62	8.74	31	6.99	441	256
2250	FM2000T	60	10.02	30	8.02	374	236
2250	FM2001	299	8.63	150	6.91	2533	1109
2500	FM2000	50	9.73	25	7.79	387	225
2500	FM2000T	49	11.13	24	8.91	329	208
2500	FM2001	256	10.12	128	8.10	2052	982
2750	FM2000	42	10.81	21	8.64	345	202
2750	FM2000T	41	12.33	20	9.86	294	185
2750	FM2001	220	11.58	110	9.27	1696	874
3000	FM2000	36	11.94	18	9.56	312	183
3000	FM2000T	34	13.60	17	10.87	265	167
3000	FM2001	190	12.98	95	10.38	1425	781

FLEXISTRUT CHANNEL

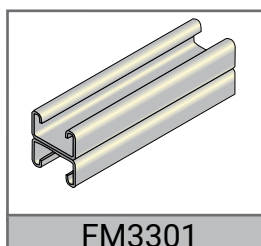
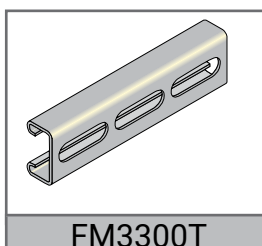
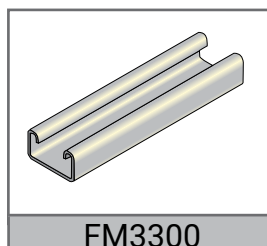
**FM3300****FM3300T**

14mm x 30mm slots at approximately 50mm centres

TECHNICAL DATA	
Weight	1.86kg/m
Thickness	2.5mm
Material	235MPa (min yield stress) mild steel
Finish	Plain, Galvabond, Hot Dipped Galvanized, 316GR Stainless Steel. (Other finishes available on request e.g Polyester Powder Coated)

SECTION PROPERTIES			Y-Y AXIS			X-X AXIS		
PART NO.	WEIGHT	AREA OF SECTION	MOMENT OF INERTIA	SECTION MODULUS	RADIUS OF GYRATION	MOMENT OF INERTIA	SECTION MODULUS	RADIUS OF GYRATION
	kg/m	mm ²	I 10 ⁶ mm ⁴	Z 10 ³ mm ³	r mm	I 10 ⁶ mm ⁴	Z 10 ³ mm ³	r mm
FM3300	1.86	237	0.014	1.103	7.8	0.056	2.688	15.3
FM3301	3.72	474	0.069	3.096	12.0	0.111	5.376	15.3
FM3300T	1.70	202	0.012	1.010	7.6	0.055	2.661	16.5

CHANNEL COMBINATIONS



FM3300 LOADING CRITERIA

Loads indicated below are in accordance with AS/NZS 4600:2018 Cold-formed steel structures

Minimum yield strength: $f_{yf} = 235 \text{ MPa}$

Allowable loads derived from ultimate loads divided by 1.5

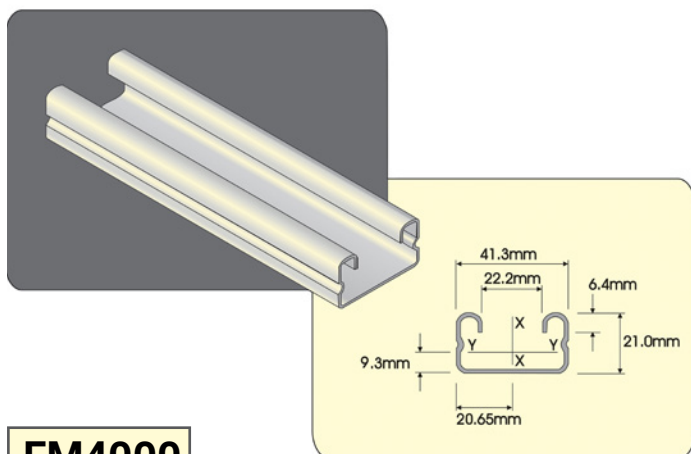
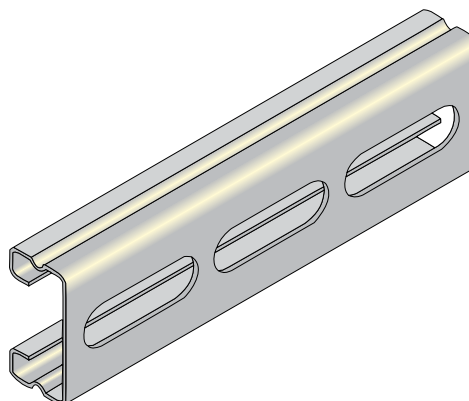
Beam load (and resulting deflection) are applied to a simply supported span (without full lateral restraint), about the Y-Y axis only

Beam self weight has been considered, the load provided is the additional allowable load that may be applied

Concentric column load is axially applied at centroid. Eccentric column load is axially applied at column face

BEAM SPAN or COLUMN LENGTH	CHANNEL TYPE	SIMPLY SUPPORTED BEAM				COLUMN	
		UNIFORMLY DISTRIBUTED LOAD		CENTRAL POINT LOAD		CONCENTRIC	ECCENTRIC
		ALLOWABLE LOAD	DEFLECTION	ALLOWABLE LOAD	DEFLECTION	ALLOWABLE LOAD	ALLOWABLE LOAD
		KG	MM	KG	MM	KG	KG
250	FM3300	537	0.37	287	0.32	4035	1022
250	FM3300T	498	0.42	264	0.36	3417	989
250	FM3301	1399	0.20	790	0.18	8222	2649
500	FM3300	287	1.60	146	1.30	3316	907
500	FM3300T	264	1.80	134	1.46	2731	858
500	FM3301	790	0.92	409	0.76	7811	2515
750	FM3300	194	3.65	98	2.94	2334	750
750	FM3300T	178	4.09	90	3.29	1842	686
750	FM3301	540	2.12	275	1.72	6746	2273
1000	FM3300	146	6.52	74	5.24	1435	584
1000	FM3300T	134	7.29	67	5.86	1089	515
1000	FM3301	409	3.80	206	3.07	5494	1990
1250	FM3300	117	10.20	59	8.19	919	453
1250	FM3300T	107	11.37	53	9.09	697	389
1250	FM3301	329	5.97	165	4.80	4220	1696
1500	FM3300	97	14.53	48	11.63	638	357
1500	FM3300T	90	16.46	45	13.19	485	310
1500	FM3301	275	8.61	138	6.92	3054	1408
1750	FM3300	82	19.49	41	15.59	469	288
1750	FM3300T	75	22.00	38	17.60	356	242
1750	FM3301	236	11.74	118	9.42	2244	1168
2000	FM3300	71	25.16	35	20.13	359	236
2000	FM3300T	65	28.39	33	22.71	273	196
2000	FM3301	206	15.34	103	12.27	1718	980
2250	FM3300	62	31.47	31	25.17	283	197
2250	FM3300T	57	35.47	29	28.38	215	162
2250	FM3301	180	19.08	90	15.26	1358	828
2500	FM3300	55	38.40	28	30.72	230	167
2500	FM3300T	51	43.43	26	34.74	175	137
2500	FM3301	160	23.18	80	18.54	1099	708
2750	FM3300	50	45.92	25	36.73	190	143
2750	FM3300T	46	51.88	23	41.50	144	116
2750	FM3301	143	27.55	71	22.03	909	612
3000	FM3300	45	53.99	22	43.19	160	124
3000	FM3300T	41	60.94	21	48.75	121	100
3000	FM3301	128	32.24	64	25.79	764	534

FLEXISTRUT CHANNEL

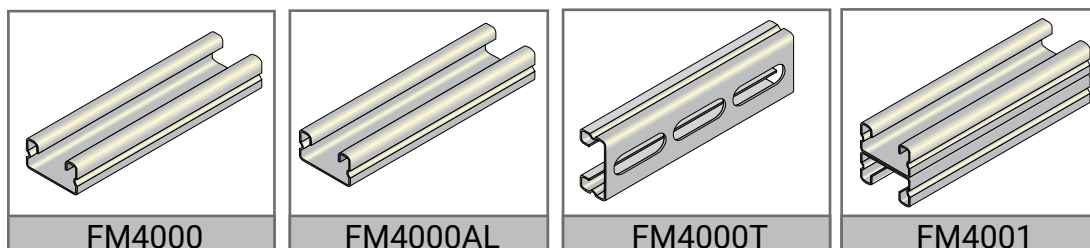
**FM4000****FM4000T**

14mm x 30mm slots at approximately 50mm centres

TECHNICAL DATA	
Weight	1.28kg/m
Thickness	1.6mm
Material	235MPa (min yield stress) mild steel
Finish	Galvabond, Aluminum. (AL denotes aluminum) (Other finishes available on request e.g Polyester Powder Coated)

SECTION PROPERTIES			Y-Y AXIS			X-X AXIS		
PART NO.	WEIGHT	AREA OF SECTION	MOMENT OF INERTIA	SECTION MODULUS	RADIUS OF GYRATION	MOMENT OF INERTIA	SECTION MODULUS	RADIUS OF GYRATION
	kg/m	mm ²	I 10 ⁶ mm ⁴	Z 10 ³ mm ³	r mm	I 10 ⁶ mm ⁴	Z 10 ³ mm ³	r mm
FM4000	1.28	163	0.011	0.871	8.3	0.040	1.952	15.7
FM4001	2.56	326	0.051	2.284	12.5	0.081	3.905	15.7
FM4000T	1.17	141	0.009	0.810	8.2	0.040	1.935	16.9

CHANNEL COMBINATIONS



FM4000

FM4000AL

FM4000T

FM4001

FM4000 LOADING CRITERIA

Loads indicated below are in accordance with AS/NZS 4600:2018 Cold-formed steel structures

Minimum yield strength: $f_{yf} = 235 \text{ MPa}$

Allowable loads derived from ultimate loads divided by 1.5

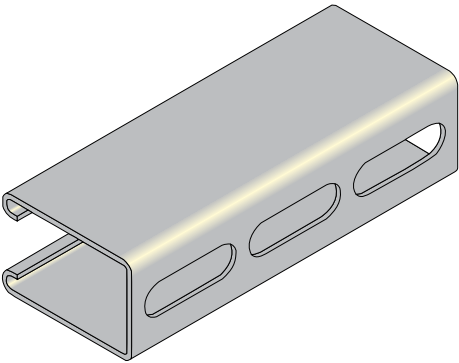
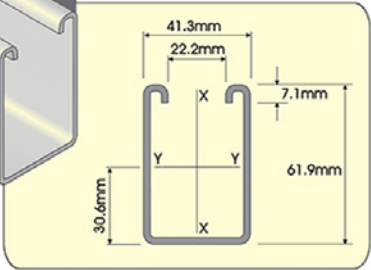
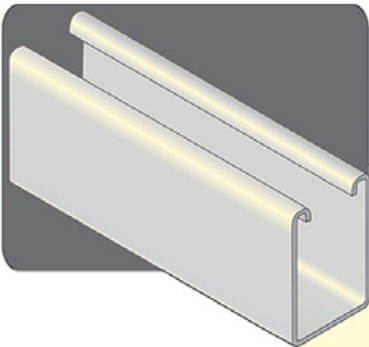
Beam load (and resulting deflection) are applied to a simply supported span (without full lateral restraint), about the Y-Y axis only

Beam self weight has been considered, the load provided is the additional allowable load that may be applied

Concentric column load is axially applied at centroid. Eccentric column load is axially applied at column face

BEAM SPAN or COLUMN LENGTH	CHANNEL TYPE	SIMPLY SUPPORTED BEAM				COLUMN	
		UNIFORMLY DISTRIBUTED LOAD		CENTRAL POINT LOAD		CONCENTRIC	ECCENTRIC
		ALLOWABLE LOAD	DEFLECTION	ALLOWABLE LOAD	DEFLECTION	ALLOWABLE LOAD	ALLOWABLE LOAD
		KG	MM	KG	MM	KG	KG
250	FM4000	403	0.36	215	0.31	2394	722
250	FM4000T	379	0.41	200	0.34	2065	704
250	FM4001	761	0.15	790	0.25	4788	1746
500	FM4000	215	1.53	109	1.24	2060	650
500	FM4000T	200	1.71	102	1.39	1741	623
500	FM4001	519	0.82	409	1.03	4788	1693
750	FM4000	145	3.48	73	2.80	1600	553
750	FM4000T	135	3.89	68	3.14	1322	517
750	FM4001	378	2.01	275	2.34	4331	1558
1000	FM4000	105	5.97	52	4.77	1117	438
1000	FM4000T	99	6.76	49	5.41	871	398
1000	FM4001	285	3.59	206	4.16	3651	1383
1250	FM4000	80	8.89	40	7.11	719	336
1250	FM4000T	76	10.10	38	8.08	557	299
1250	FM4001	229	5.64	165	6.51	2930	1198
1500	FM4000	64	12.31	32	9.85	499	265
1500	FM4000T	61	14.04	30	11.23	387	232
1500	FM4001	191	8.13	138	9.38	2241	1015
1750	FM4000	53	16.09	26	12.88	367	213
1750	FM4000T	50	18.43	25	14.74	285	184
1750	FM4001	162	10.95	118	12.77	1655	841
2000	FM4000	45	20.28	22	16.23	281	175
2000	FM4000T	42	23.18	21	18.54	217	150
2000	FM4001	138	13.92	103	16.63	1267	702
2250	FM4000	38	24.88	19	19.91	222	146
2250	FM4000T	37	28.59	18	22.86	172	124
2250	FM4001	119	17.13	90	20.69	1002	593
2500	FM4000	33	29.76	17	23.81	179	123
2500	FM4000T	32	34.13	16	27.30	139	104
2500	FM4001	104	20.55	80	25.13	811	507
2750	FM4000	30	35.07	15	28.06	149	106
2750	FM4000T	28	40.17	14	32.14	116	89
2750	FM4001	92	24.13	71	29.87	671	438
3000	FM4000	26	40.62	13	32.50	125	92
3000	FM4000T	25	46.47	13	37.18	96	76
3000	FM4001	82	27.86	41	22.28	563	381

FLEXISTRUT CHANNEL



FM5500

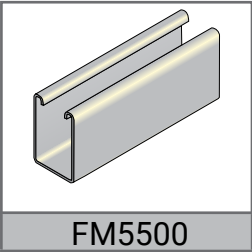
FM5500T

14mm x 30mm slots at approximately 50mm centres

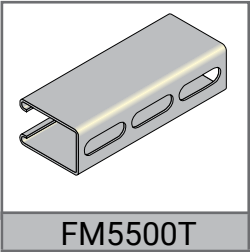
TECHNICAL DATA	
Weight	3.42kg/m
Thickness	2.5mm
Material	235MPa (min yield stress) mild steel
Finish	Plain, Galvabond, Hot Dipped Galvanized. (Other finishes available on request e.g Polyester Powder Coated)

SECTION PROPERTIES			Y-Y AXIS			X-X AXIS		
PART NO.	WEIGHT	AREA OF SECTION	MOMENT OF INERTIA	SECTION MODULUS	RADIUS OF GYRATION	MOMENT OF INERTIA	SECTION MODULUS	RADIUS OF GYRATION
	kg/m	mm²	I 10 ⁶ mm ⁴	Z 10 ³ mm ³	r mm	I 10 ⁶ mm ⁴	Z 10 ³ mm ³	r mm
FM5500	3.42	435	0.201	5.970	21.5	0.130	6.311	17.3
FM5501	6.84	871	1.095	17.694	35.5	0.261	12.622	17.3
FM5500T	3.25	400	0.173	5.536	20.8	0.130	6.283	18.0

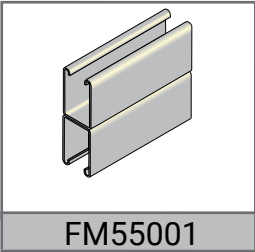
CHANNEL COMBINATIONS



FM5500



FM5500T



FM55001

FM5000 LOADING CRITERIA

Loads indicated below are in accordance with AS/NZS 4600:2018 Cold-formed steel structures

Minimum yield strength: $f_{yf} = 235 \text{ MPa}$

Allowable loads derived from ultimate loads divided by 1.5

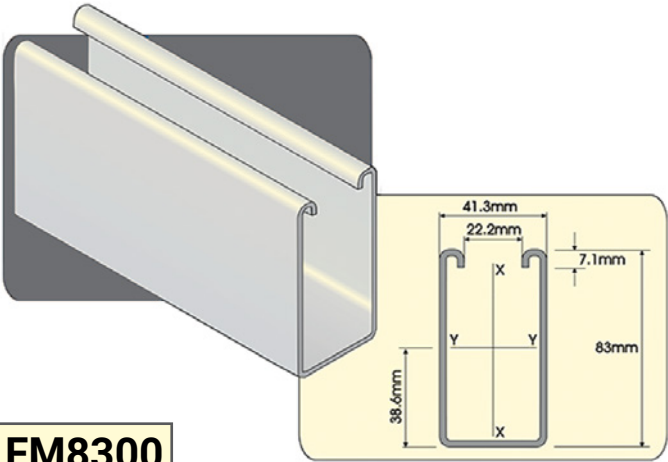
Beam load (and resulting deflection) are applied to a simply supported span (without full lateral restraint), about the Y-Y axis only

Beam self weight has been considered, the load provided is the additional allowable load that may be applied

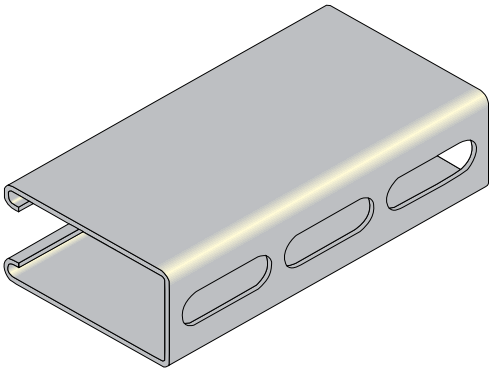
Concentric column load is axially applied at centroid. Eccentric column load is axially applied at column face

BEAM SPAN or COLUMN LENGTH	CHANNEL TYPE	SIMPLY SUPPORTED BEAM				COLUMN	
		UNIFORMLY DISTRIBUTED LOAD		CENTRAL POINT LOAD		CONCENTRIC	ECCENTRIC
		ALLOWABLE LOAD	DEFLECTION	ALLOWABLE LOAD	DEFLECTION	ALLOWABLE LOAD	ALLOWABLE LOAD
		KG	MM	KG	MM	KG	KG
250	FM5500	2125	0.11	1447	0.11	4371	1640
250	FM5500T	2049	0.12	1378	0.13	4020	1584
250	FM5501	3012	0.03	2507	0.04	8741	3279
500	FM5500	1447	0.57	791	0.50	4371	1622
500	FM5500T	1378	0.63	734	0.54	4020	1568
500	FM5501	2507	0.18	1826	0.21	8741	3243
750	FM5500	1026	1.38	513	1.10	3890	1525
750	FM5500T	960	1.49	480	1.19	3490	1458
750	FM5501	2113	0.52	1436	0.57	8741	3183
1000	FM5500	701	2.23	350	1.78	2684	1280
1000	FM5500T	659	2.43	329	1.94	2364	1203
1000	FM5501	1826	1.06	1177	1.10	8741	3103
1250	FM5500	504	3.13	252	2.50	1910	1022
1250	FM5500T	477	3.43	238	2.74	1678	957
1250	FM5501	1608	1.83	944	1.72	8741	3001
1500	FM5500	375	4.02	187	3.21	1481	840
1500	FM5500T	357	4.44	178	3.55	1299	783
1500	FM5501	1436	2.83	775	2.44	8741	2882
1750	FM5500	286	4.86	143	3.89	1213	709
1750	FM5500T	274	5.41	137	4.33	1063	661
1750	FM5501	1276	3.99	638	3.19	7690	2653
2000	FM5500	222	5.64	111	4.51	1031	611
2000	FM5500T	214	6.31	107	5.05	903	570
2000	FM5501	1067	4.98	533	3.98	6378	2393
2250	FM5500	177	6.41	89	5.12	899	536
2250	FM5500T	171	7.17	86	5.74	787	500
2250	FM5501	902	5.99	451	4.80	5148	2135
2500	FM5500	146	7.25	73	5.80	797	480
2500	FM5500T	141	8.11	70	6.49	699	446
2500	FM5501	770	7.01	385	5.61	4169	1899
2750	FM5500	123	8.15	62	6.52	716	435
2750	FM5500T	119	9.10	59	7.28	629	404
2750	FM5501	660	8.01	330	6.41	3445	1696
3000	FM5500	106	9.10	53	7.28	650	398
3000	FM5500T	102	10.16	51	8.13	570	369
3000	FM5501	569	8.96	284	7.16	2895	1522

FLEXISTRUT CHANNEL



FM8300



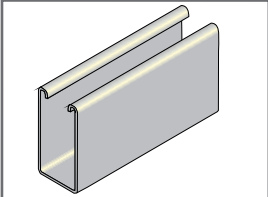
FM8300T

14mm x 30mm slots at approximately 50mm centres

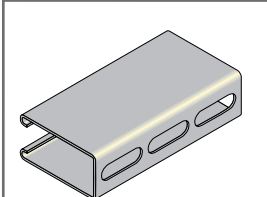
TECHNICAL DATA	
Weight	4.25kg/m
Thickness	2.5mm
Material	235MPa (min yield stress) mild steel
Finish	Plain, Galvabond, Hot Dipped Galvanized, , (Other finishes available on request e.g Polyester Powder Coated)

SECTION PROPERTIES			Y-Y AXIS			X-X AXIS		
PART NO.	WEIGHT	AREA OF SECTION	MOMENT OF INERTIA	SECTION MODULUS	RADIUS OF GYRATION	MOMENT OF INERTIA	SECTION MODULUS	RADIUS OF GYRATION
	kg/m	mm²	I 10⁶ mm⁴	Z 10³ mm³	r mm	I 10⁶ mm⁴	Z 10³ mm³	r mm
FM8300	4.25	541	0.430	9.678	28.2	0.170	8.237	17.7
FM8301	8.32	1082	2.469	29.752	47.8	0.340	16.473	17.7
FM8300T	4.08	506	0.378	9.029	27.3	0.170	8.209	18.3

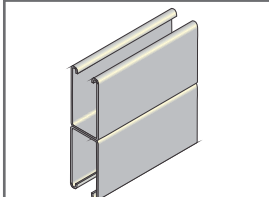
CHANNEL COMBINATIONS



FM8300



FM8300T



FM8301

FM8300 LOADING CRITERIA

Loads indicated below are in accordance with AS/NZS 4600:2018 Cold-formed steel structures

Minimum yield strength: $f_y = 235 \text{ MPa}$

Allowable loads derived from ultimate loads divided by 1.5

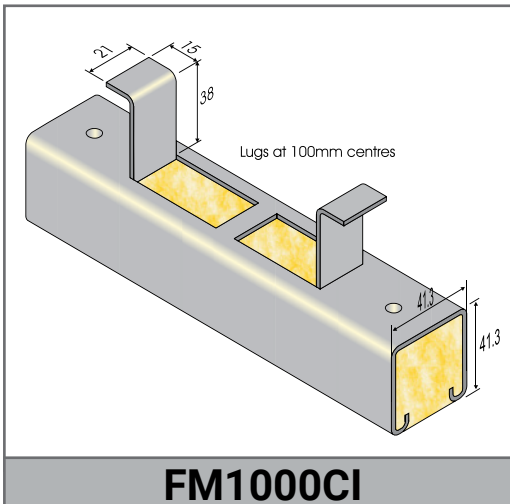
Beam load (and resulting deflection) are applied to a simply supported span (without full lateral restraint), about the Y-Y axis only

Beam self weight has been considered, the load provided is the additional allowable load that may be applied

Concentric column load is axially applied at centroid. Eccentric column load is axially applied at column face

BEAM SPAN or COLUMN LENGTH	CHANNEL TYPE	SIMPLY SUPPORTED BEAM				COLUMN	
		UNIFORMLY DISTRIBUTED LOAD		CENTRAL POINT LOAD		CONCENTRIC	ECCENTRIC
		ALLOWABLE LOAD	DEFLECTION	ALLOWABLE LOAD	DEFLECTION	ALLOWABLE LOAD	ALLOWABLE LOAD
		KG	MM	KG	MM	KG	KG
250	FM8300	2539	0.06	1888	0.07	3815	1509
250	FM8300T	2478	0.07	1364	0.06	3568	1467
250	FM8301	2924	0.01	2888	0.02	7630	3020
500	FM8300	1888	0.35	1248	0.37	3815	1498
500	FM8300T	1821	0.38	737	0.25	3568	1456
500	FM8301	2888	0.09	2301	0.12	7630	2997
750	FM8300	1502	0.94	818	0.82	3815	1479
750	FM8300T	1439	1.03	493	0.56	3568	1439
750	FM8301	2561	0.28	1912	0.33	7630	2960
1000	FM8300	1089	1.62	545	1.29	2922	1307
1000	FM8300T	1032	1.74	370	1.00	2643	1248
1000	FM8301	2301	0.60	1635	0.68	7630	2908
1250	FM8300	750	2.18	376	1.74	2017	1079
1250	FM8300T	718	2.37	296	1.56	1822	1022
1250	FM8301	2088	1.05	1428	1.15	7630	2843
1500	FM8300	523	2.62	261	2.10	1522	888
1500	FM8300T	506	2.89	247	2.25	1372	842
1500	FM8301	1912	1.67	1268	1.77	7630	2764
1750	FM8300	367	2.92	184	2.34	1219	717
1750	FM8300T	358	3.24	179	2.60	1097	681
1750	FM8301	1763	2.44	1059	2.35	7630	2674
2000	FM8300	272	3.23	136	2.59	1019	602
2000	FM8300T	266	3.59	133	2.87	915	571
2000	FM8301	1635	3.38	879	2.91	7630	2575
2250	FM8300	212	3.59	106	2.88	877	522
2250	FM8300T	207	3.98	103	3.18	789	494
2250	FM8301	1472	4.34	736	3.47	6717	2382
2500	FM8300	171	3.97	86	3.19	773	462
2500	FM8300T	167	4.40	83	3.52	694	437
2500	FM8301	1239	5.01	619	4.01	5442	2146
2750	FM8300	143	4.41	71	3.53	692	417
2750	FM8300T	139	4.87	69	3.90	622	393
2750	FM8301	1045	5.62	523	4.50	4497	1938
3000	FM8300	121	4.86	61	3.90	628	380
3000	FM8300T	118	5.37	59	4.29	564	359
3000	FM8301	881	6.16	441	4.92	3780	1756

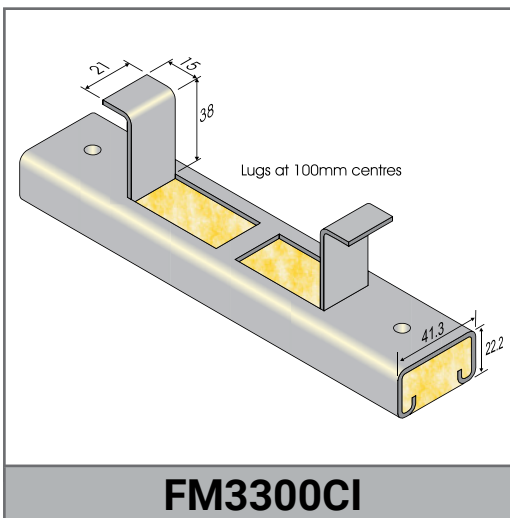
CONCRETE INSERT



INFORMATION

STANDARD LENGTH	3 METRES
FOAM	INJECTED POLYURETHANE
FINISH	HOT DIPPED GALVANISED
LOADING DATA	THE SUPPORT CAPACITY OF ANY CONCRETE INSERT DEPENDS LARGELY ON THE STRENGTH OF THE CONCRETE USED, BECAUSE OF THIS WE CANNOT GUARANTEE ANY PARTICULAR LOAD.
RECOMMENDED PULLOUT LOADING	INSERTS 300MM AND OVER 8.83kN PER 300MM
FACTOR OF SAFETY	APPROXIMATELY 3
MASS	2.80KG/M

NOTE: EXERCISE CARE DURING INSTALLATION - DON'T BEND LUGS

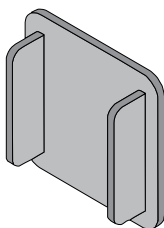


INFORMATION

STANDARD LENGTH	3 METRES
FOAM	INJECTED POLYURETHANE
FINISH	HOT DIPPED GALVANISED
LOADING DATA	THE SUPPORT CAPACITY OF ANY CONCRETE INSERT DEPENDS LARGELY ON THE STRENGTH OF THE CONCRETE USED, BECAUSE OF THIS WE CANNOT GUARANTEE ANY PARTICULAR LOAD.
RECOMMENDED PULLOUT LOADING	INSERTS 300MM AND OVER 6.37kN PER 300MM
FACTOR OF SAFETY	APPROXIMATELY 3
MASS	1.94KG/M

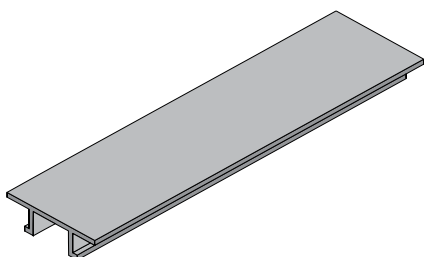
NOTE: EXERCISE CARE DURING INSTALLATION - DON'T BEND LUGS

END CAPS



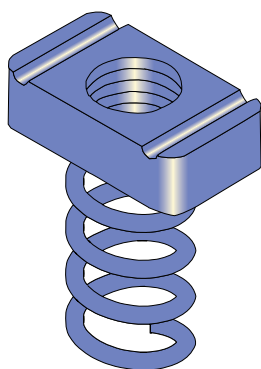
PART NO.	TO SUIT	BOX QTY	FINISH
FM2240	FM1000	100	GREY PVC
FM2240	FM2000	100	
FM4240	FM3300	100	
FM4240	FM4000	100	
FM5580	FM5500	100	
FM8380	FM8300	100	

CLOSURE STRIP



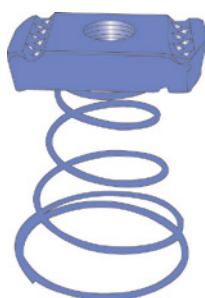
PART NO.	DESCRIPTION	TO SUIT	LENGTH	FINISH
FM1184-PLA	CLOSURE STRIP	ALL CHANNEL	3M	GREY PVC

CHANNEL NUTS WITH SPRING



PART NO.	THREAD	TO SUIT	BOX QTY	FINISH
FM1006	M6	FM1000/FM2000	100	ZINC, HDG & 316 SS
FM1007	M8	FM1000/FM2000	100	
FM1008	M10	FM1000/FM2000	100	
FM1010	M12	FM1000/FM2000	100	
FM1012	M16	FM1000/FM2000	100	
FM4006	M6	FM3300/FM4000	100	
FM4007	M8	FM3300/FM4000	200	
FM4008	M10	FM3300/FM4000	200	
FM4010	M12	FM3300/FM4000	200	
FM4012	M16	FM3300/FM4000	100	
FM5508	M10	FM5500	100	
FM5510	M12	FM5500	100	

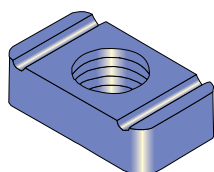
CONICAL SPRING NUTS



PART NO.	THREAD	TO SUIT	BOX QTY	FINISH
FM8007	M8	FM1000/FM2000 FM3300/FM4000	50	ZINC & HDG
FM8008	M10	FM1000/FM2000 FM3300/FM4000	50	
FM8010	M12	FM1000/FM2000 FM3300/FM4000	50	

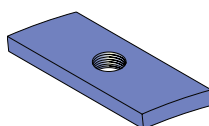
* TAPERED SPRING ALLOWS FOR INVERSION OF SPRING, OR TO STOP SPRING FOULING SLOTS IN THE CHANNEL

CHANNEL NUTS WITHOUT SPRING



PART NO.	THREAD	TO SUIT	BOX QTY	FINISH
FM3006	M6	ALL CHANNELS	100	ZINC, HDG & 316 SS
FM3007	M8	ALL CHANNELS	100	
FM3008	M10	ALL CHANNELS	100	
FM3010	M12	ALL CHANNELS	100	
FM3012	M16	ALL CHANNELS	100	

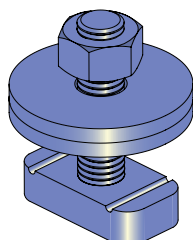
TRUNKING NUT



PART NO.	THREAD	TO SUIT	BOX QTY	FINISH
FM3016	M6	ALL CHANNELS	200	ZINC

HDG AVAILABLE ON REQUEST

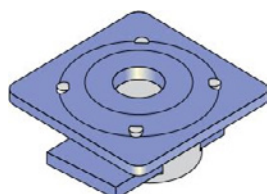
PRE MOUNTED CHANNEL NUT ASSEMBLY



PART NO.	THREAD	TO SUIT	BOX QTY	FINISH
FM6008	M10 x 40	ALL CHANNELS	50	ZINC

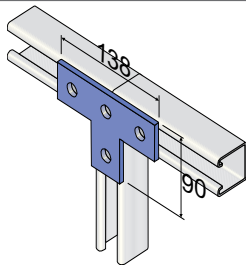
HDG AVAILABLE ON REQUEST

FAST NUTS

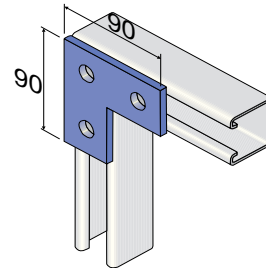


PART NO.	THREAD	TO SUIT	BOX QTY	FINISH
FM2008	M10	ALL CHANNELS	50	ZINC
FM2010	M12	ALL CHANNELS	50	

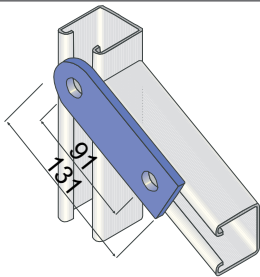
FLAT PLATE FITTINGS



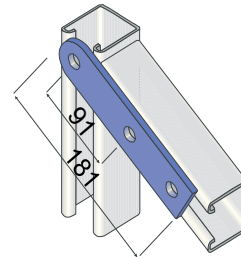
PART NO.	BOX QTY	FINISH
FM1031	25	HDG & 316 SS



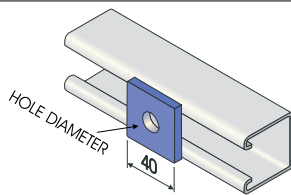
PART NO.	BOX QTY	FINISH
FM1036	25	HDG & 316 SS



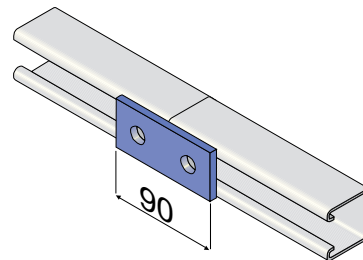
PART NO.	BOX QTY	FINISH
FM2325	25	HDG & 316 SS



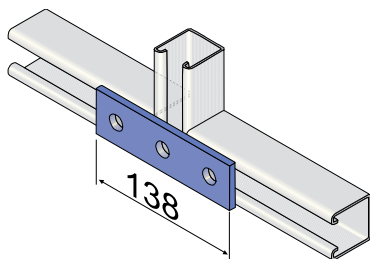
PART NO.	BOX QTY	FINISH
FM2324	25	HDG & 316 SS



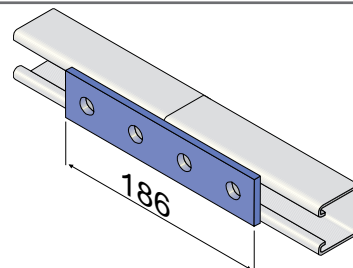
PART NO.	HOLE DIA	BOX QTY	FINISH
FM1062	9Ø	50	HDG & 316 SS
FM1063	11Ø	50	
FM1064	14Ø	50	
FM1964	18Ø	50	



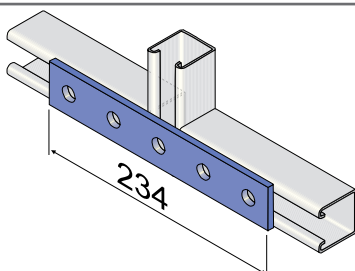
PART NO.	BOX QTY	FINISH
FM1065	50	HDG & 316 SS



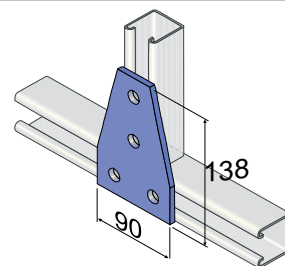
PART NO.	BOX QTY	FINISH
FM1066	20	HDG & 316 SS



PART NO.	BOX QTY	FINISH
FM1067	25	HDG & 316 SS



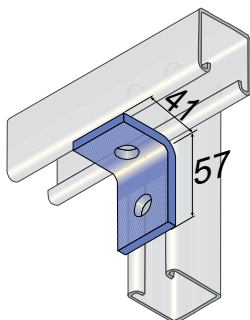
PART NO.	BOX QTY	FINISH
FM1941	25	HDG & 316 SS



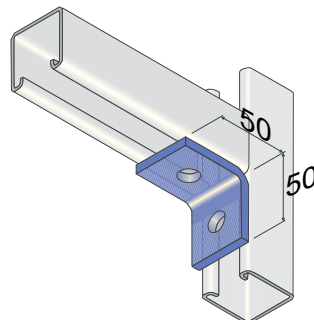
PART NO.	BOX QTY	FINISH
FM1358	20	HDG & 316 SS

NOTE: ALL HOLES 14MM, MATERIAL 40 X 6, (U.N.O)

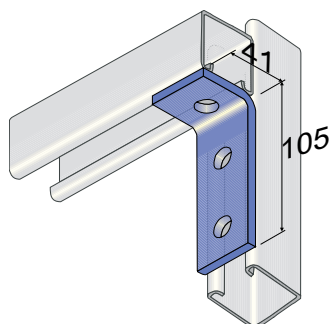
90° ANGLE FITTINGS



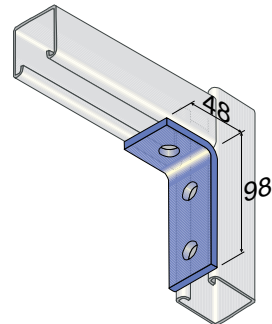
PART NO.	BOX QTY	FINISH
FM1068	50	HDG & 316 SS



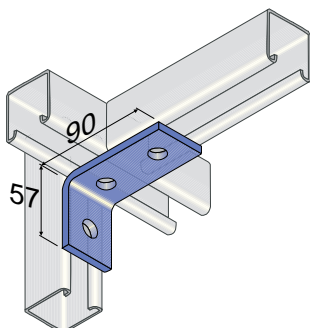
PART NO.	BOX QTY	FINISH
FM1026	50	HDG & 316 SS



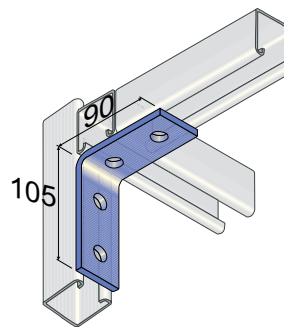
PART NO.	BOX QTY	FINISH
FM1326	25	HDG & 316 SS



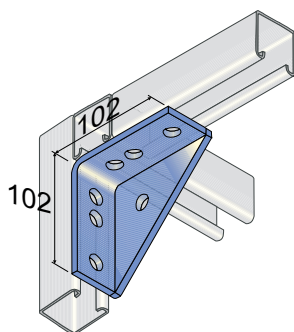
PART NO.	BOX QTY	FINISH
FM1346	25	HDG & 316 SS



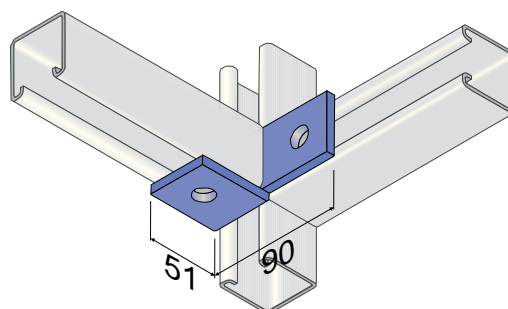
PART NO.	BOX QTY	FINISH
FM1458	25	HDG & 316 SS



PART NO.	BOX QTY	FINISH
FM1325	20	HDG & 316 SS



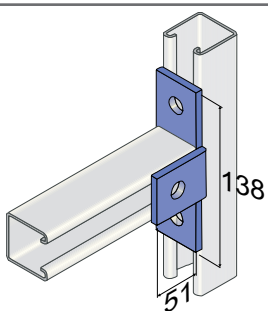
PART NO.	BOX QTY	FINISH
FM2484	10	HDG & 316 SS



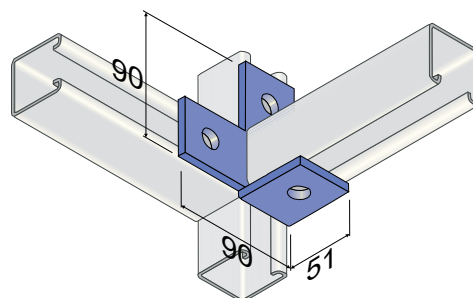
PART NO.	BOX QTY	FINISH
FM1038	25	HDG & 316 SS

NOTE: ALL HOLES 14MM, MATERIAL 40 X 6, (U.N.O)

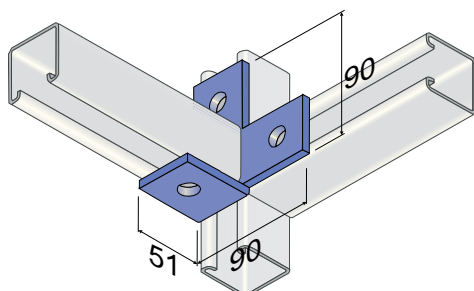
90° ANGLE FITTINGS



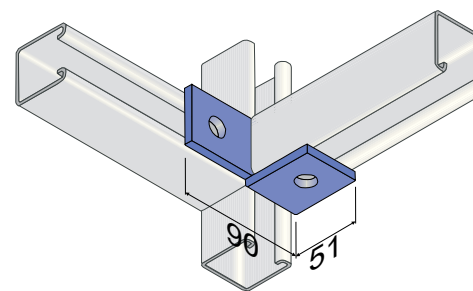
PART NO.	BOX QTY	FINISH
FM1033	25	HDG & 316 SS



PART NO.	BOX QTY	FINISH
FM1034	25	HDG & 316 SS



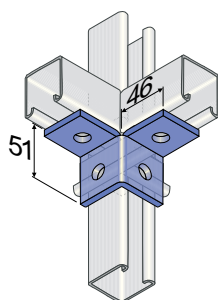
PART NO.	BOX QTY	FINISH
FM1035	25	HDG & 316 SS



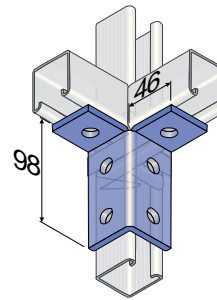
PART NO.	BOX QTY	FINISH
FM1037	25	HDG & 316 SS

NOTE: ALL HOLES 14MM, MATERIAL 40 X 6, (U.N.O)

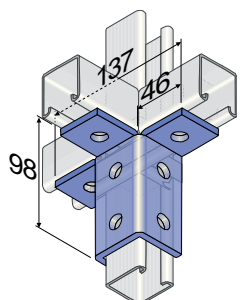
WING SHAPE FITTINGS



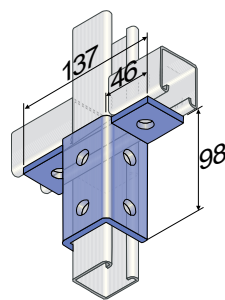
PART NO.	BOX QTY	FINISH
FM2223	10	HDG & 316 SS



PART NO.	BOX QTY	FINISH
FM2224	10	HDG & 316 SS



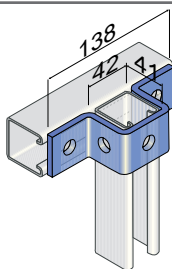
PART NO.	BOX QTY	FINISH
FM2228	10	HDG & 316 SS



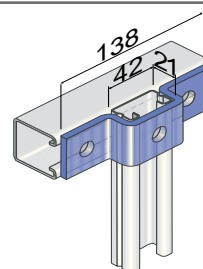
PART NO.	BOX QTY	FINISH
FM2346	10	HDG & 316 SS

NOTE: ALL HOLES 14MM, MATERIAL 40 X 6, (U.N.O)

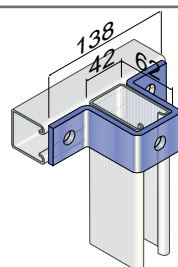
'U' SHAPE FITTINGS



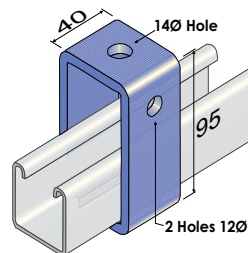
PART NO.	BOX QTY	FINISH
FM1047	20	HDG & 316 SS



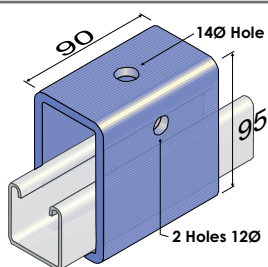
PART NO.	BOX QTY	FINISH
FM4047	20	HDG & 316 SS



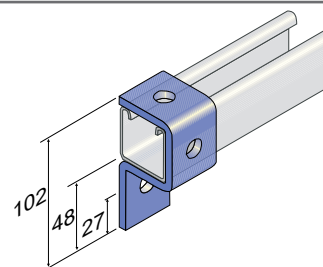
PART NO.	BOX QTY	FINISH
FM5547	10	HDG & 316 SS



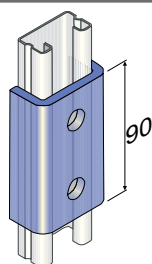
PART NO.	BOX QTY	FINISH
FM1834	20	HDG & 316 SS



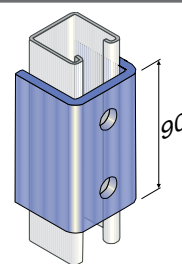
PART NO.	BOX QTY	FINISH
FM1834A	10	HDG & 316 SS



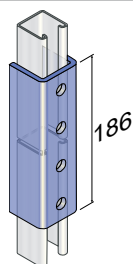
PART NO.	BOX QTY	FINISH
FM1046	25	HDG & 316 SS



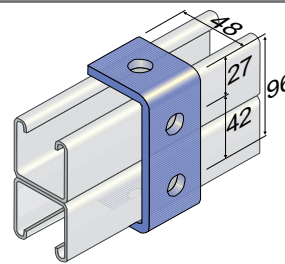
PART NO.	BOX QTY	FINISH
FM4376	25	HDG & 316 SS



PART NO.	BOX QTY	FINISH
FM1376	20	HDG & 316 SS



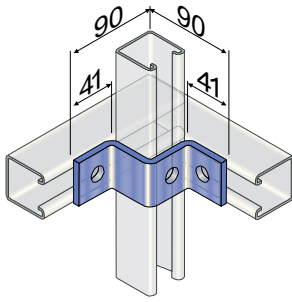
PART NO.	BOX QTY	FINISH
FM1377	10	HDG & 316 SS



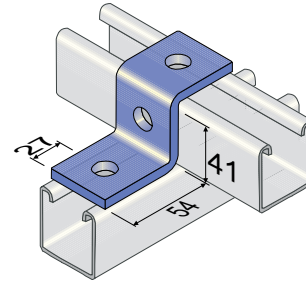
PART NO.	BOX QTY	FINISH
FM1044	25	HDG & 316 SS

NOTE: ALL HOLES 14MM, MATERIAL 40 X 6, (U.N.O)

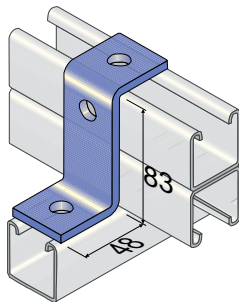
'Z' SHAPE FITTINGS



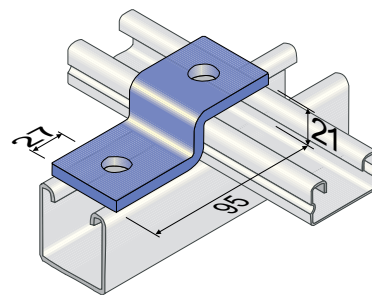
PART NO.	BOX QTY	FINISH
FM1736	20	HDG & 316 SS



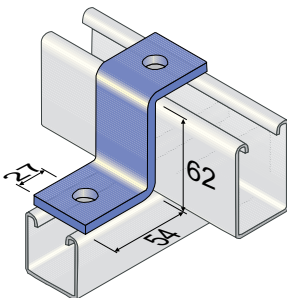
PART NO.	BOX QTY	FINISH
FM1045	25	HDG & 316 SS



PART NO.	BOX QTY	FINISH
FM1453	20	HDG & 316 SS



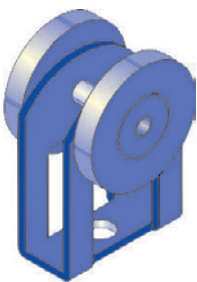
PART NO.	BOX QTY	FINISH
FM4045	25	HDG & 316 SS



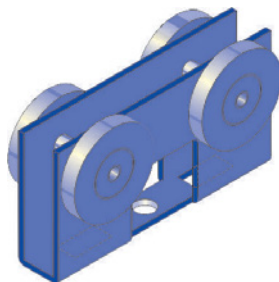
PART NO.	BOX QTY	FINISH
FM5545	25	HDG & 316 SS

NOTE: ALL HOLES 14MM, MATERIAL 40 X 6, (U.N.O)

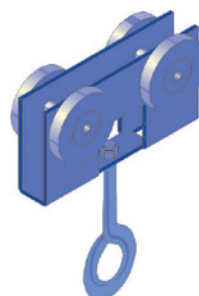
TROLLEY ASSEMBLIES



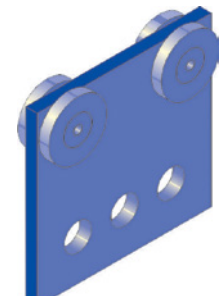
PART NO.	BOX QTY	FINISH
FM2749	50	ZINC



PART NO.	BOX QTY	FINISH
FM2750	25	ZINC

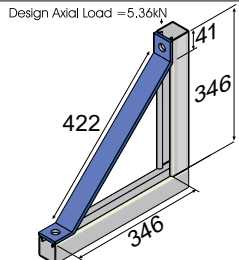


PART NO.	BOX QTY	FINISH
FM2751	25	ZINC

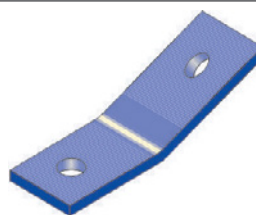
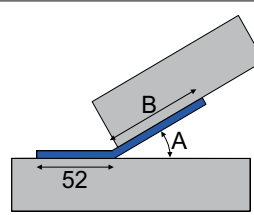


PART NO.	BOX QTY	FINISH
FM2950	20	ZINC

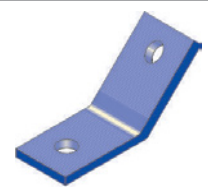
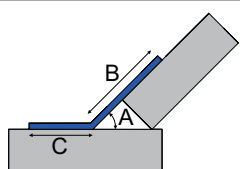
ANGULAR FITTINGS



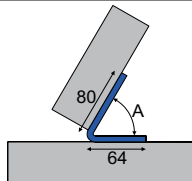
PART NO.	HOLE	BOX QTY	FINISH
FM2452	14Ø	5	HDG & 316 SS

PART NO.	A	B	HOLE	BOX QTY	FINISH
FM2101	30°	83	14Ø	25	HDG & 316 SS
FM2103	15°	84	14Ø	25	

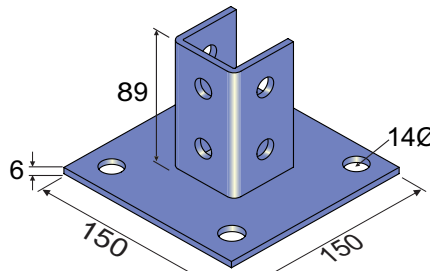



PART NO.	A	B	C	HOLE	BOX QTY	FINISH
FM2095	75°	91	43	14Ø	25	HDG & 316 SS
FM2097	60°	86	48	14Ø	25	
FM1546	45°	76	60	14Ø	25	

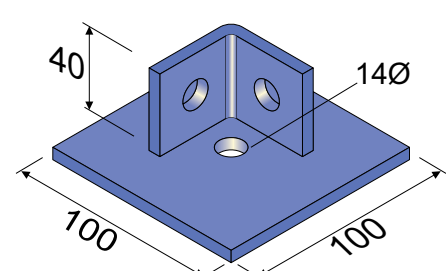



PART NO.	A	HOLE	BOX QTY	FINISH
FM2106	75°	14Ø	25	HDG & 316 SS
FM2108	60°	14Ø	25	
FM1186	45°	14Ø	25	

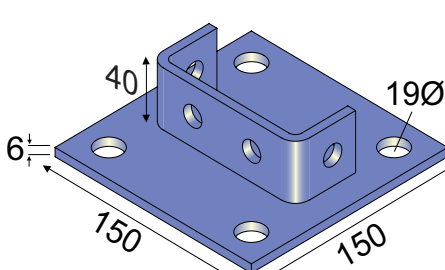
BASE PLATES



PART NO.	BOX QTY	FINISH
FM2072-A	10	HDG & 316 SS



PART NO.	BOX QTY	FINISH
FM2072-S1	20	HDG & 316 SS

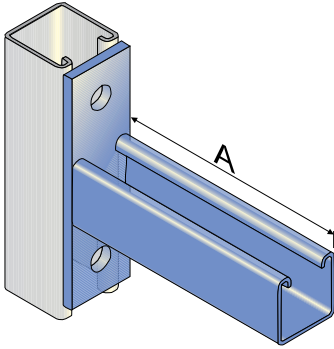


PART NO.	BOX QTY	FINISH
FM2073	10	HDG & 316 SS

PART NO.	A	FINISH
FM2073L-500	500	HDG & (316 SS ON REQUEST)
FM2073L-750	750	
FM2073L-1000	1000	
FM2073L-1500	1500	
FM2073L-2000	2000	

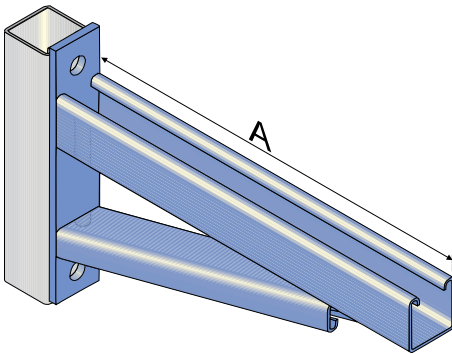
CUSTOM LENGTHS MADE TO ORDER

CANTILEVER BRACKETS



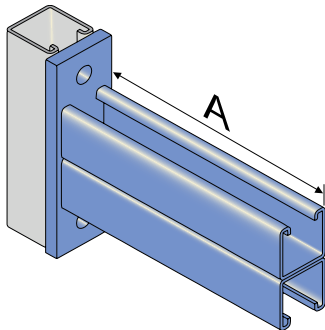
PART NO.	A	FINISH
FM156-200	200	HDG & 316 SS
FM156-350	350	
FM156-500	500	
FM156-650	650	
FM156-750	750	
FM156-1000	1000	

CANTILEVER BRACKETS WITH BRACE



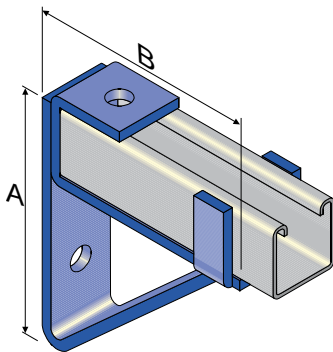
PART NO.	A	FINISH
FM158-200	200	HDG & 316 SS
FM158-350	350	
FM158-500	500	
FM158-650	650	
FM158-780	780	
FM158-900	900	
FM158-1150	1150	

BACK-TO-BACK CANTILEVER BRACKETS



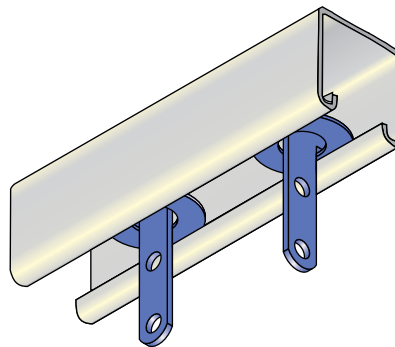
PART NO.	A	FINISH
FM159-200	200	HDG & 316 SS
FM159-350	350	
FM159-500	500	
FM159-650	650	
FM159-780	780	
FM159-900	900	

CANTILEVER FITTING



PART NO.	A	B	TO SUIT	FINISH
FM1075-8	149	206	FM1000/FM2000 FM3301/FM4401	HDG

CURTAIN TRACK SLIDERS



PART NO.	BOX QTY	FINISH
FM5349	100	ZINC



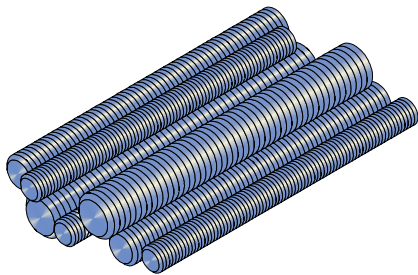
CONTENTS

ANGLE, ROD & ACCESSORIES

PLEASE NOTE:
ALL MEASUREMENTS ARE MILLIMETRE UNLESS SPECIFIED OTHERWISE

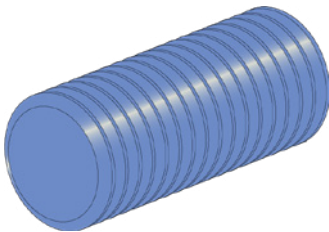
ALLTHREAD ROD	32	ANGLE BRACKETS	35
ALLTHREAD STUBS	32	PURLIN CLEATS	36
ANGLE / SLOTTED ANGLE	32	PURLIN CLIPS	36 - 37
WEDGE NUTS	33	BRACING SYSTEM	38
EYE NUTS	33	BEAM CLAMPS	39 - 41
DROP IN ANCHORS	33	BEAM CLIPS	42
ROD COUPLERS	33	U BOLTS	42 - 43
THREADED ROD CLAMPS	33		
MOUNTING PLATES	34		

FM150 - ALLTHREAD ROD



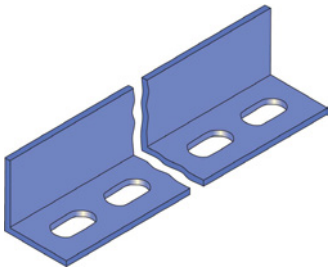
PART NO.	ROD DIA.	LENGTH	BOX QTY	FINISH
FM150-M06A	M6	1M	20	ZINC, HDG & 316 SS
FM150-M06	M6	3M	20	
FM150-M08A	M8	1M	20	
FM150-M08	M8	3M	10	
FM150-M10A	M10	1M	20	
FM150-M10	M10	3M	10	
FM150-M12A	M12	1M	10	
FM150-M12	M12	3M	5	
FM150-M16A	M16	1M	10	
FM150-M16	M16	3M	5	
FM150-M20A	M20	1M	5	
FM150-M20	M20	3M	1	

FM150 - ALLTHREAD STUBS



PART NO.	SIZE	LENGTH	BOX QTY	FINISH
FM150-M10x27	M10	27	500	ZINC
FM150-M10x32	M10	32	500	
FM150-M10x35	M10	35	500	
FM150-M10x45	M10	45	500	
FM150-M10x95	M10	95	200	
FM150-M10x100	M10	100	200	
CUSTOM LENGTHS AVAILABLE ON REQUEST				

EF1500 - SLOTTED ANGLE

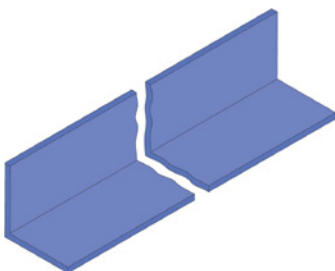


PART NO.	MATERIAL	SLOT	STANDARD LENGTH	FINISH
EF1500-030	30 x 30 x 2.5	11 x 25	3M	ZINC
EF1500-040	40 x 40 x 2.5	12 x 25	3M + 6M	
EF1500-050	50 x 50 x 5.0	14 x 30	3M + 6M	
EF1500-065	65 x 65 x 5.0	18 x 32	3M + 6M	

MIN. YIELD STRESS 400MPa

MIN. TENSILE STRENGTH 450MPa

EF1510 - SOLID ANGLE

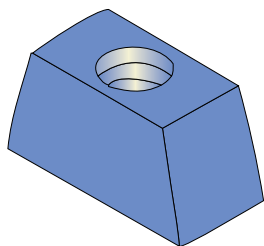


PART NO.	MATERIAL	STANDARD LENGTH	FINISH
EF1510-30/2.5	30 x 30 x 2.5	6M	ZINC
EF1510-40/1.2	40 x 40 x 1.2	3M	GBD
EF1510-40/2.5	40 x 40 x 2.5	6M	ZINC
EF1510-40/4.0	40 x 40 x 4.0	6M	ZINC
EF1510-50/2.5	50 x 50 x 2.5	6M	ZINC
EF1510-50/5.0	50 x 50 x 5.0	6M	ZINC
EF1510-65/5.0	65 x 65 x 5.0	6M	ZINC

MIN. YIELD STRESS 400MPa

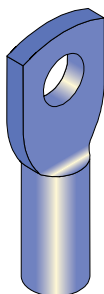
MIN. TENSILE STRENGTH 450MPa

EF1800 - WEDGE NUT



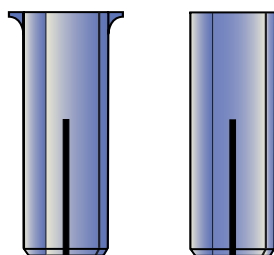
PART NO.	ROD DIA.	BOX QTY	FINISH
EF1800-M08	M8	100	ZINC
EF1800-M10	M10	100	

FM1810 - EYE NUTS



PART NO.	ROD DIA.	BOX QTY	FINISH
FM1810-M10	M10	250	ZINC
FM1810-M12	M12	100	
FM1810-M16	M16	100	

FM1820 - DROP IN ANCHORS



'L' DENOTES LIPPED DROP IN ANCHOR

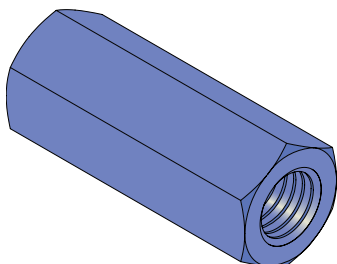
ICCONS DLXTM & DXTM DROP IN ANCHORS

ETA APPROVED AND AS5216:2021 COMPLIANT

PART NO.	DRILL DIAMETER	MIN EMBEDMENT	INTERNAL THREAD	BOX QTY	FINISH
FM1820-0625	8.0	30	M6	100	ZINC
FM1820-0830	10.0	32	M8	100	
FM1820-1025L	12.0	27	M10	50	
FM1820-1030L	12.0	32	M10	50	
FM1820-1040	12.0	42	M10	50	
FM1820-1040L	12.0	42	M10	50	
FM1820-1250	15.0	54	M12	50	
FM1820-1250L	15.0	54	M12	50	
FM1820-1665	20.0	70	M16	25	
FM1820-2080	25.0	85	M20	25	

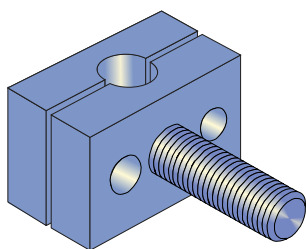
OTHER FINISHES AVAILABLE ON REQUEST

RC - ROD COUPLERS

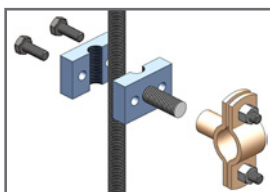


PART NO.	SIZE	BOX QTY	FINISH
RC-M06	M06	200	ZINC & 316 SS
RC-M08	M08	200	
RC-M10	M10	100	ZINC, HDG & 316 SS
RC-M12	M12	50	
RC-M16	M16	50	
RC-M20	M20	50	
RC-M24	M24	25	

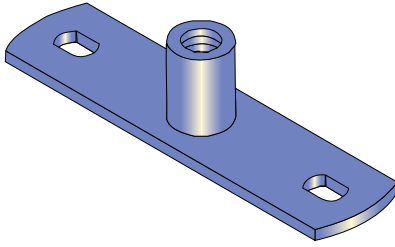
EF2050 - THREADED ROD CLAMP



PART NO.	ROD DIA.	BOX QTY	FINISH
EF2050-M10	M10	100	ZINC



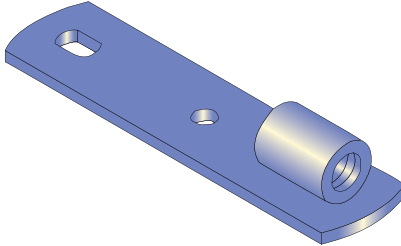
EF1200A - MOUNTING PLATE



PART NO.	THREAD	HOLES	BOX QTY	FINISH
EF1200A-M10	M10	6Ø	50	ZINC & HDG
EF1200A-M12	M12	6Ø	50	ZINC & HDG
SSEF1200A-M10	M10	6Ø	50	316 SS
SSEF1200A-M12	M12	6Ø	50	316 SS

STAINLESS STEEL FINISH UTILISES A HEX NUT

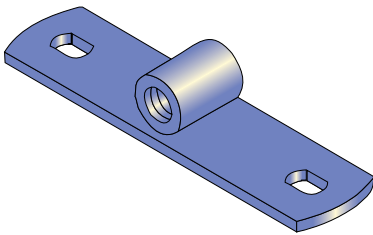
EF1200B - MOUNTING PLATE



PART NO.	THREAD	HOLES	BOX QTY	FINISH
EF1200B-M10	M10	6Ø	50	ZINC & HDG
EF1200B-M12	M12	6Ø	50	ZINC & HDG
SSEF1200B-M10	M10	6Ø	50	316 SS
SSEF1200B-M12	M12	6Ø	50	316 SS

STAINLESS STEEL FINISH UTILISES A HEX NUT

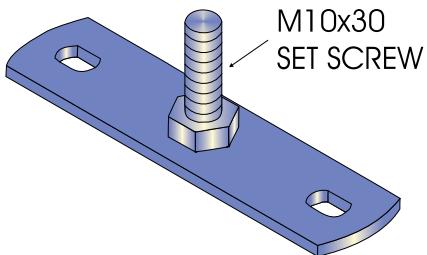
EF1200C - MOUNTING PLATE



PART NO.	THREAD	HOLES	BOX QTY	FINISH
EF1200C-M10	M10	6Ø	50	ZINC & HDG
EF1200C-M12	M12	6Ø	50	ZINC & HDG
SSEF1200C-M10	M10	6Ø	50	316 SS
SSEF1200C-M12	M12	6Ø	50	316 SS

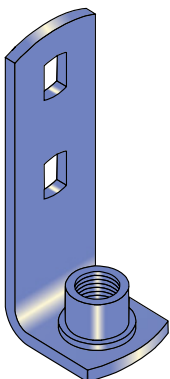
STAINLESS STEEL FINISH UTILISES A HEX NUT

EF1200SP - MOUNTING PLATE



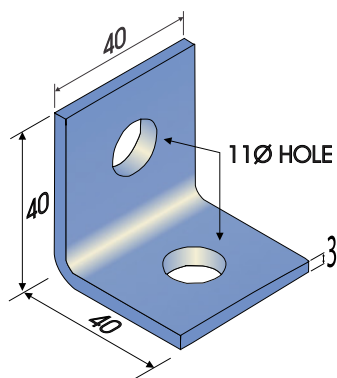
PART NO.	THREAD	HOLES	BOX QTY	FINISH
EF1200SP-M10	M10	6Ø	50	ZINC & HDG
SSEF1200SP-M10	M10	6Ø	50	316 SS

EF1200L - MOUNTING PLATE



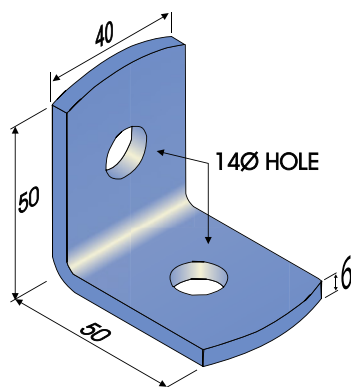
PART NO.	THREAD	HOLES	BOX QTY	FINISH
EF1200L-M10	M10	6Ø	50	ZINC

EF1300-M11 - ANGLE BRACKETS



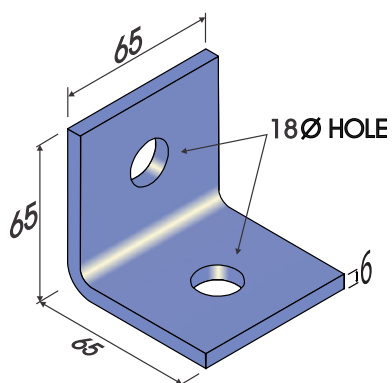
PART NO.	BOX QTY	FINISH
EF1300-M11	100	GBD

EF1300 - ANGLE BRACKETS



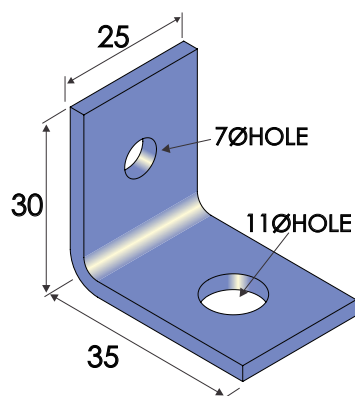
PART NO.	BOX QTY	FINISH
EF1300	50	HDG

EF12000 - ANGLE BRACKETS



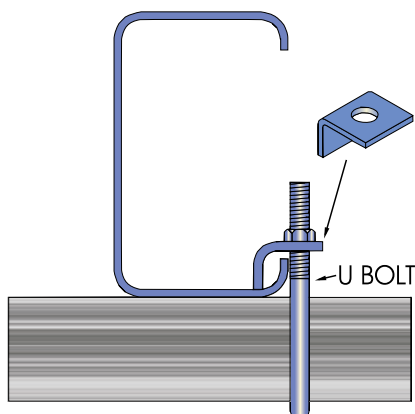
PART NO.	BOX QTY	FINISH
EF12000	25	HDG

7/11 - LIGHT DUTY ANGLE BRACKETS



PART NO.	BOX QTY	FINISH
7/11	25	GBD

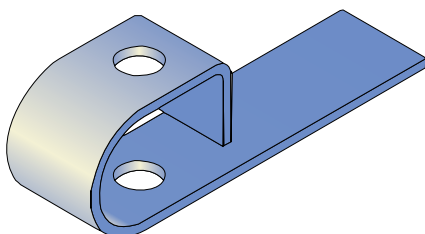
EF1400 - PURLIN CLEAT



PART NO.	U BOLT DIA.	MATERIAL	BOX QTY	FINISH
EF1400-M06	M6	25 x 3	200	ZINC
EF1400-M10	M10	25 x 3	200	
EF1400-M12	M12	30 x 3	100	

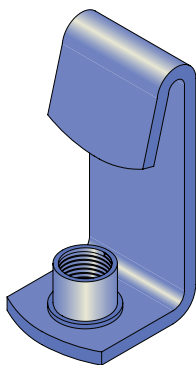
NOTE: U BOLT NOT INCLUDED, ORDER SEPARATELY

EF1900 - PURLIN CLIPS



PART NO.	HOLE DIA.	BOX QTY	FINISH
EF1900-M08	9Ø	100	ZINC
EF1900-M10	11Ø	100	
EF1900-M12	14Ø	100	

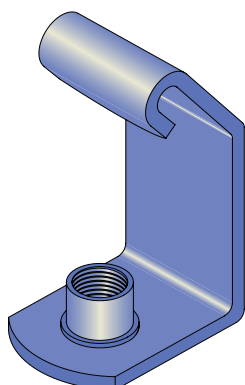
EF2000 - PURLIN CLIPS



PART NO.	THREAD	BOX QTY	FINISH
EF2000-M08	M8	100	ZINC
EF2000-M10	M10	100	
EF2000-M12	M12	100	

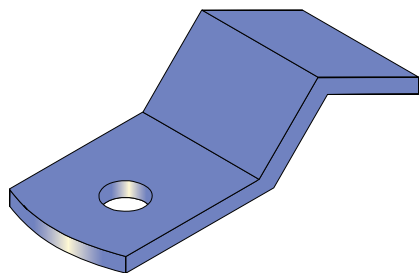
NOTE: EF2000-M12 UTILISES A HEX NUT

EF2000-M10L - PURLIN CLIPS



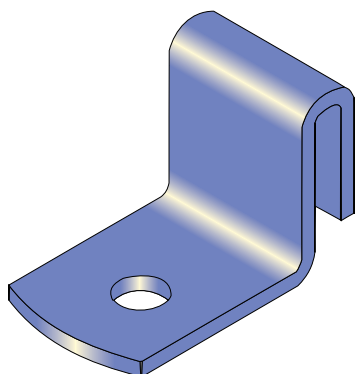
PART NO.	THREAD	BOX QTY	FINISH
EF2000-M10L	M10	100	ZINC

EF2200 - PURLIN CLIPS H.D



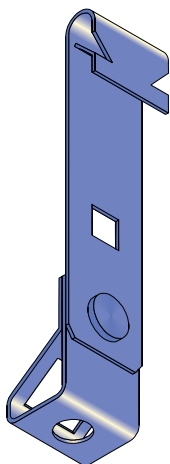
PART NO.	HOLE DIA	MATERIAL	BOX QTY	FINISH
EF2200	14Ø	40 x 6	25	HDG

EF2300 - PURLIN CLIPS



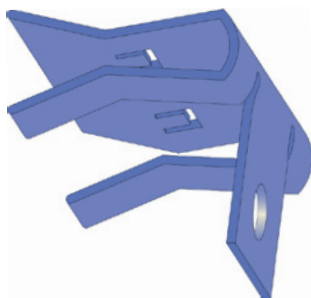
PART NO.	HOLE DIA.	MATERIAL	BOX QTY	FINISH
EF2300-M08	8Ø	25 x 3	100	HDG
EF2300-M10	10Ø	25 x 3	100	

EF14TI - PURLIN CLIPS

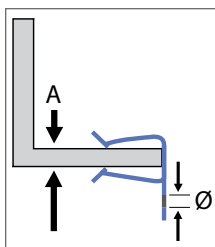


PART NO.	HOLE DIA.	BOX QTY	FINISH
EF14TI-M10	11Ø	100	ZINC

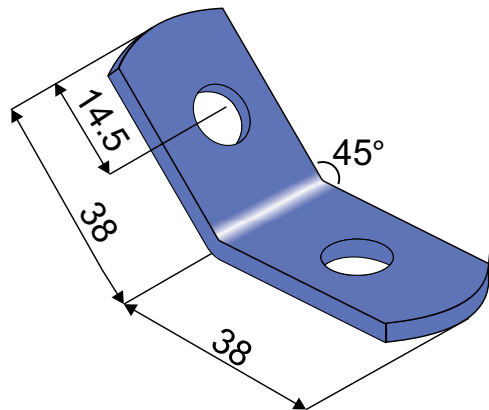
2H4 - PURLIN CLIPS



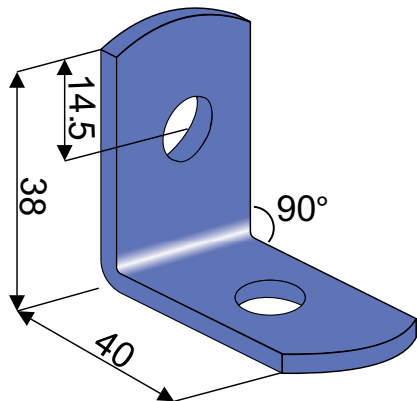
PART NO.	'A'	HOLE DIA	BOX QTY	FINISH
FM2H4	2-3	7Ø	100	HDG
FM4H24	3-8	9Ø	100	



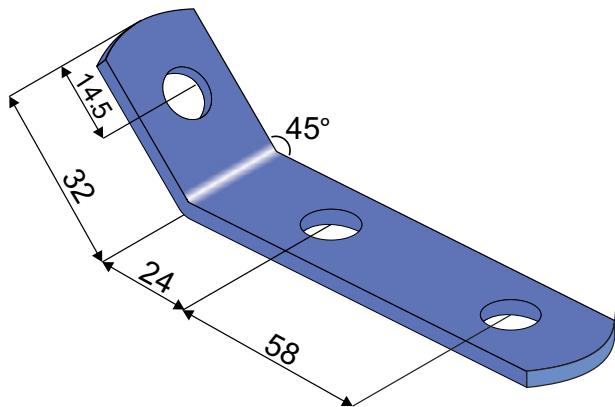
BRACING SYSTEM



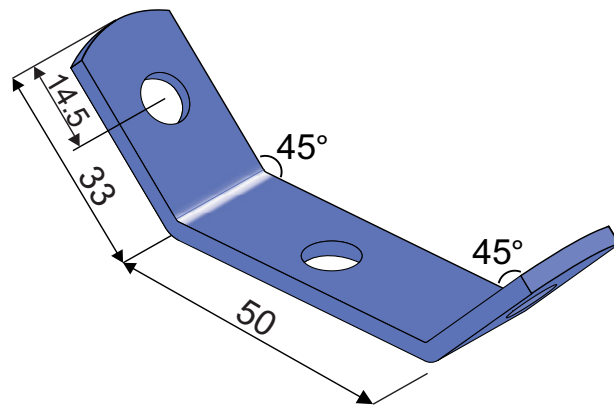
PART NO.	MATERIAL	HOLE DIA	FINISH
FSF45	25 x 3	11Ø	HDG



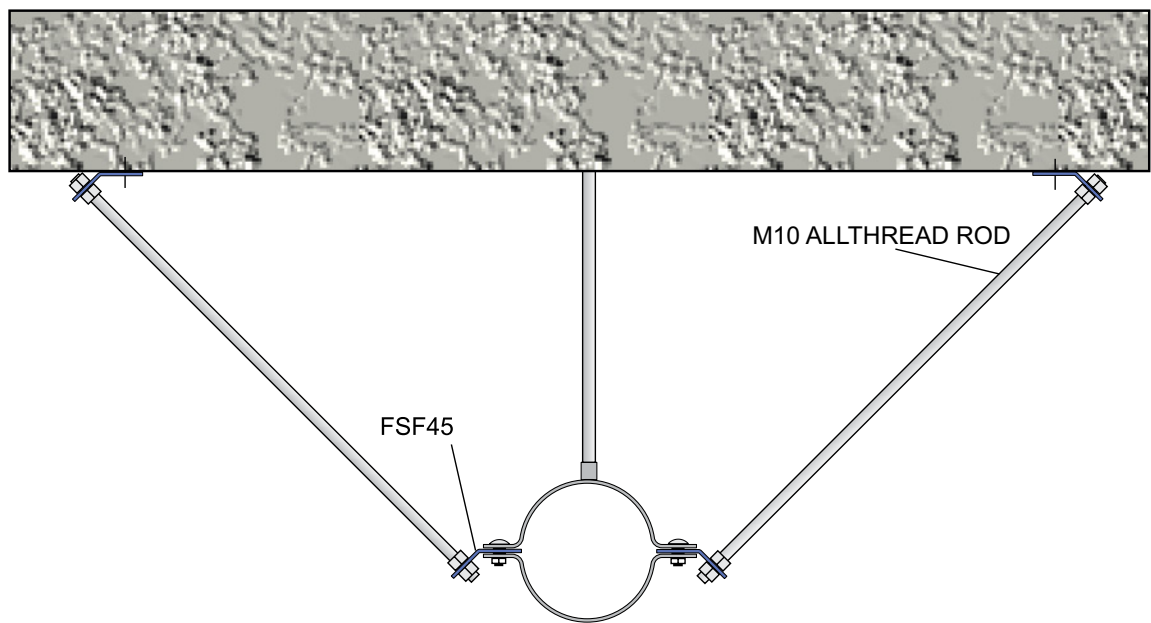
PART NO.	MATERIAL	HOLE DIA	FINISH
FSF90	25 x 3	11Ø	HDG



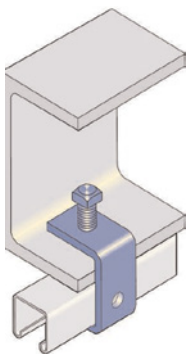
PART NO.	MATERIAL	HOLE DIA	FINISH
FLF45	25 x 3	11Ø	HDG



PART NO.	MATERIAL	HOLE DIA	FINISH
FLF90	25 x 3	11Ø	HDG

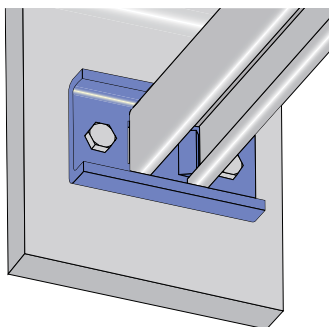


FM1271 - BEAM CLAMP

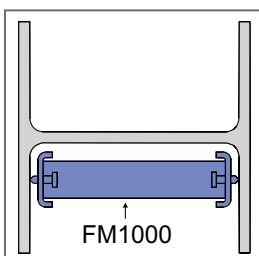


PART NO.	BOX QTY	FINISH
FM1271	20	HDG

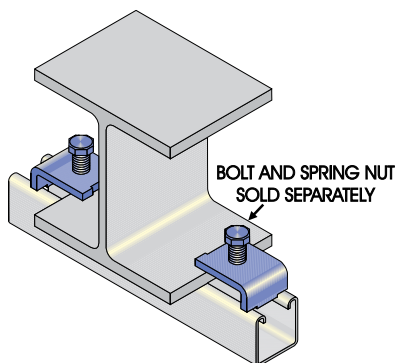
FM3087 - BEAM CLAMP



PART NO.	BOX QTY	FINISH
FM3087	10	HDG



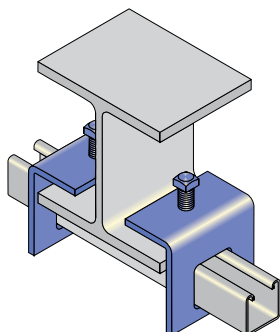
FM171 - BEAM CLAMP



BOLT AND SPRING NUT
SOLD SEPARATELY

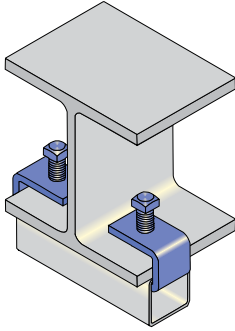
PART NO.	BOX QTY	FINISH
FM171	50	HDG

FM172 - BEAM CLAMP



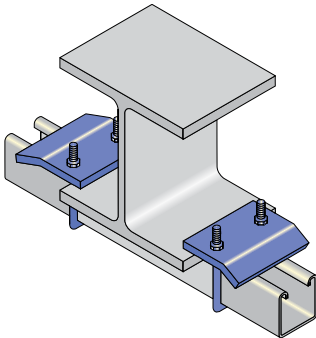
PART NO.	BOX QTY	FINISH
FM172	50	HDG

FM173 - BEAM CLAMP



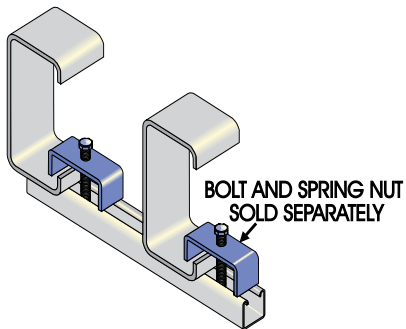
PART NO.	BOX QTY	FINISH
FM173	25	HDG

FM174 - BEAM CLAMP



PART NO.	SUITS	BOX QTY	FINISH
FM174	FM1000, FM2000, FM3300, FM4000	10	HDG
FM174L	FM1001, FM5500, FM8300	10	

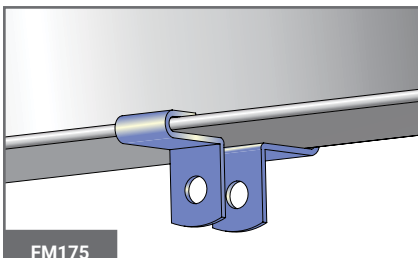
FM177 - BEAM CLAMP



PART NO.	BOX QTY	FINISH
FM177	20	HDG

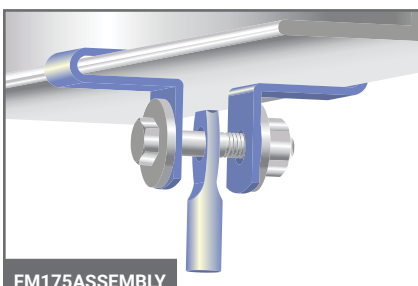
RECOMMENDED FASTENER
M10x50 SET SCREW + FLEXISTRUT SPRING NUT

FM175 - CEILING BEAM CLAMP

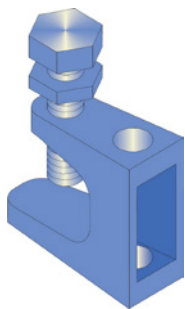


PART NO.	BOX QTY	FINISH
FM175	50	ZINC
FM175ASSEMBLY	1	

FM175ASSEMBLY INCLUDES:
1 x PAIR OF FM175, 1 x HHSSM10x30,
2 x FW-M10, 1 x HEXNUT-M10, 1 x FM1810-M10

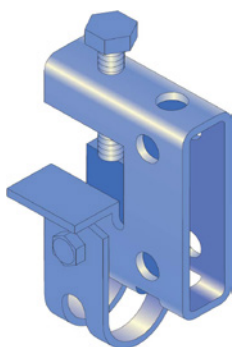


EF1600 - BEAM CLAMPS



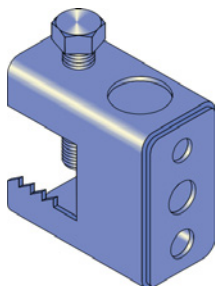
PART NO.	ROD DIA.	APPROVALS	BOX QTY	FINISH
EF1600-M08	M8	VDS, UL	50	ZINC
EF1600-M10	M10	FM, VDS, UL	50	ZINC & HDG
EF1600-M12	M12	FM, VDS, UL	50	ZINC & HDG
SSEF1600-M12	M12	-	50	316 SS
EF1600-M16	M16	FM, VDS, UL	50	ZINC

EF1700 - BEAM CLAMPS



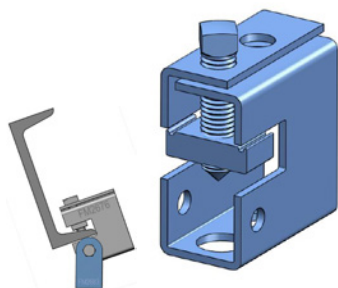
PART NO.	ROD DIA.	BOX QTY	FINISH
EF1700-M10	M10	20	ZINC

EF1750 - BEAM CLAMPS



PART NO.	ROD DIA.	BOX QTY	FINISH
EF1750-M10	M10	50	ZINC

FM2676 - BEAM CLAMPS



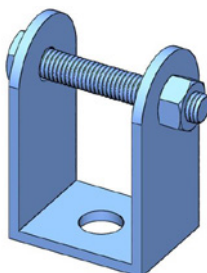
PART NO.	BOX QTY	FINISH
FM2676	10	HDG

FM2676 beam clamp application provides a means of rod suspension, either fixed, or where a free swing of up to 15 degrees is required.

Clamp will accommodate M6, M8, M10, or M12 rods.

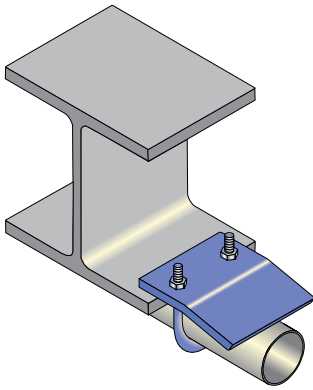
Clamp may also be used with FM2683 as illustrated in application drawing.

FM2683 - BEAM CLAMPS



PART NO.	BOX QTY	FINISH
FM2683	25	HDG

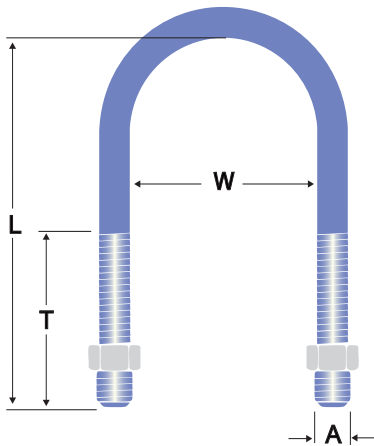
EF700 - PIPE BEAM CLIP



PART NO.	PIPE DIA.	U BOLT	BOX QTY	FINISH
EF700LD	25nb to 50nb	M6	25	HDG
EF700	25nb to 50nb	M10	25	

NOTE: 'U' BOLT NOT INCLUDED
65nb TO 200nb AVAILABLE ON REQUEST

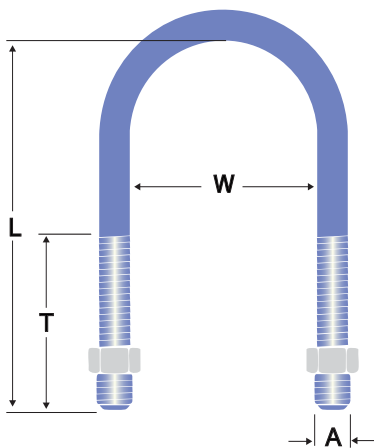
EF600 - U-BOLT



PART NO.	PIPE DIA.	A	W	L	T	BOX QTY	FINISH
EF600-034	25nb	1/4"	1 3/8"	2 7/8"	1 1/2"	50	ZINC
EF600-043	32nb	1/4"	1 11/16"	3 3/16"	1 1/2"	50	
EF600-048	40nb	1/4"	1 15/16"	3 7/16"	1 1/2"	100	
EF600-060	50nb	1/4"	2 3/8"	3 7/8"	1 1/2"	100	

NOTE: COMPLETE WITH TWO NUTS

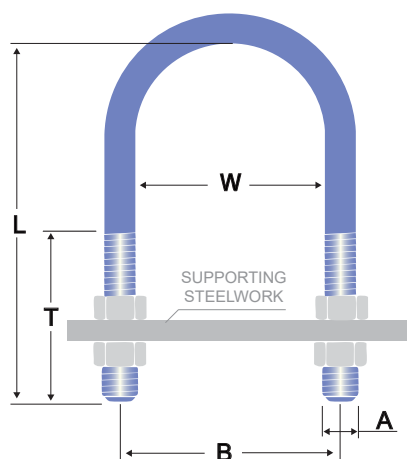
FM112 - STANDARD U-BOLTS



PART NO.	PIPE DIA	A	W	L	T	BOX QTY	FINISH
FM112-021	15nb	M10	21	65	50	25	HDG
FM112-027	20nb	M10	27	77	50	50	
FM112-034	25nb	M10	34	85	50	20	
FM112-043	32nb	M10	43	93	50	20	
FM112-048	40nb	M10	48	100	50	25	
FM112-060	50nb	M10	60	110	50	25	
FM112-076	65nb	M12	76	127	50	20	
FM112-089	80nb	M12	89	140	50	20	
FM112-115	100nb	M12	115	165	50	25	
FM112-140	125nb	M12	140	190	50	20	
FM112-168	150nb	M12	168	220	50	10	
FM112-219	200nb	M16	219	295	75	10	
FM112-273	250nb	M20	273	370	100	5	
FM112-324	300nb	M20	324	420	100	5	
FM112-356	350nb	M20	356	455	100	1	
FM112-406	400nb	M20	406	505	100	1	
FM112-457	450nb	M24	457	555	100	1	
FM112-508	500nb	M24	508	605	100	1	
FM112-610	600nb	M24	610	710	100	1	

NOTE: COMPLETE WITH TWO NUTS

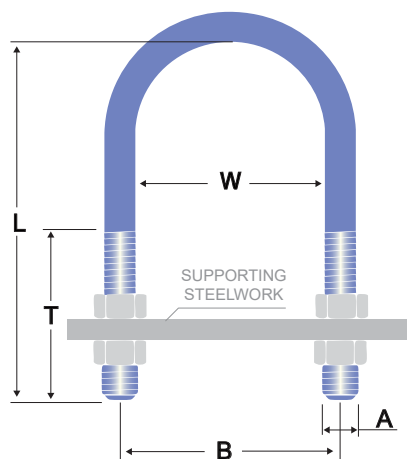
UBG - U-BOLT GUIDES HEAVY DUTY



PART NO.	PIPE DIA	A	B	W	L	T	BOX QTY	FINISH
UBG-015	15nb	M8	40	32	41	25	50	HDG
UBG-020	20nb	M8	45	37	51	30	50	
UBG-025	25nb	M8	50	42	56	30	50	
UBG-032	32nb	M8	60	52	66	30	50	
UBG-040	40nb	M10	65	55	80	40	50	
UBG-050	50nb	M10	80	70	95	40	25	
UBG-065	65nb	M12	95	83	114	50	20	
UBG-080	80nb	M16	110	94	132	55	10	
UBG-100	100nb	M16	140	124	157	55	10	
UBG-125	125nb	M16	165	149	182	55	10	
UBG-150	150nb	M20	195	175	215	65	5	
UBG-200	200nb	M20	250	230	265	65	5	
UBG-250	250nb	M20	305	285	325	75	1	
UBG-300	300nb	M20	355	335	375	75	1	
UBG-350	350nb	M24	390	366	415	80	1	
UBG-400	400nb	M24	440	416	463	80	1	

NOTE: COMPLETE WITH FOUR NUTS

UBC - U-BOLT CLAMP HEAVY DUTY



PART NO.	PIPE DIA	A	B	W	L	T	BOX QTY	FINISH
UBC-015	15nb	M8	30	22	46	25	50	HDG
UBC-020	20nb	M8	35	27	56	25	50	
UBC-025	25nb	M8	45	37	61	25	50	
UBC-032	32nb	M8	55	47	71	25	50	
UBC-040	40nb	M10	60	50	85	35	50	
UBC-050	50nb	M10	75	65	95	35	25	
UBC-065	65nb	M12	90	78	124	45	20	
UBC-076	76nb	M16	105	89	142	50	10	
UBC-100	100nb	M16	135	119	167	50	10	
UBC-125	125nb	M16	160	144	192	50	5	
UBC-150	150nb	M20	190	170	225	55	5	
UBC-200	200nb	M20	245	225	285	55	1	
UBC-250	250nb	M20	300	280	340	60	1	
UBC-300	300nb	M20	350	330	390	60	1	
UBC-350	350nb	M24	385	361	428	65	1	
UBC-400	400nb	M24	435	411	488	65	1	

NOTE: COMPLETE WITH FOUR NUTS



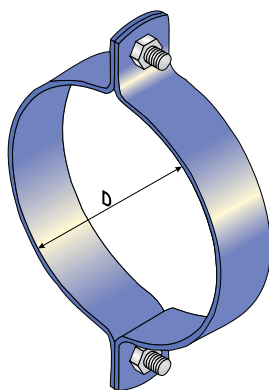
CONTENTS

PIPE CLAMPS

PLEASE NOTE:
ALL MEASUREMENTS ARE MILLIMETRE UNLESS SPECIFIED OTHERWISE

DOUBLE BOLTED CLAMPS	45 - 51	F.R.C CLAMPS & SADDLES	73
SPIDER CLAMPS	52	SADDLE CLAMPS	74 - 75
BAND CLAMPS	53 - 57	PEAR BANDS	76
BAND CLAMP ATTACHMENTS	54	SHANK CLIPS	77
NUT CLIPS	58 - 65	YOKE CLAMPS	77 - 78
ACOUSTIC CLIPS	66	CLEVIS HANGERS	79
SPHERICAL WASHERS	67	SLIDE GUIDES	80 - 85
HANGER CLEVIS	67	SPIDER GUIDES	86 - 87
EYEBOLTS	67	RISER GUIDES	88 - 91
BLADE END HANGERS	67	ROLLER GUIDES	92 - 97
BEAM HANGERS	68	ANCHORS	98 - 105
HANGER STIRRUPS	68	PETRO CHEM CLAMPS	106 - 108
EYE NUT	68	GAS RISERS	109 - 111
ONE PIECE CHANNEL CLIPS	69	FERRULES	112
FAST CLIP	69	FLEXIBLOCKS	113
CHANNEL CLIP FOR REFRIGERATION PIPE	69	POLYURETHANE BLOCKS	114
TWO PIECE CHANNEL CLIPS	70 - 72		

FM120 - STANDARD DOUBLE BOLTED CLAMP FOR STEEL PIPE



FINISH: HDG & PLAIN.
316 SS ON REQUEST

STANDARD SIZES ONLY:
OTHER SIZES AVAILABLE ON REQUEST

FM120R



TO ORDER: APPLY R SUFFIX TO
FM120 CODE e.g FM120R-610

PART NO.	PIPE DIA	D	HOLE CENTRES	BOLT	MATERIAL	BOX QTY
FM120-021	15nb	21	49	M6 x 25	20 x 3	50
FM120-027	20nb	27	55	M6 x 25	20 x 3	50
FM120-034	25nb	34	64	M6 x 25	20 x 3	50
FM120-043	32nb	43	73	M6 x 25	20 x 3	25
FM120-048	40nb	48	78	M6 x 25	20 x 3	25
FM120-060	50nb	60	90	M6 x 25	20 x 3	25
FM120-076	65nb	76	106	M6 x 25	20 x 3	25
FM120-089	80nb	89	119	M6 x 25	20 x 3	20
FM120-115	100nb	115	155	M6 x 25	25 x 5	20
FM120-140	125nb	140	180	M8 x 40	25 x 5	10
FM120-168	150nb	168	208	M12 x 45	40 x 6	5
FM120-220	200nb	220	268	M12 x 45	40 x 6	5
FM120-273	250nb	273	351	M16 x 50	50 x 6	-
FM120-324	300nb	324	402	M20 x 75	50 x 10	-
FM120-355	350nb	355	434	M20 x 75	65 x 10	-
FM120-406	400nb	406	510	M24 x 90	75 x 10	-
FM120-457	450nb	457	567	M24 x 90	75 x 12	-
FM120-508	500nb	508	618	M24 x 90	75 x 16	-
FM120-610	600nb	610	740	M24 x 90	75 x 16	-
FM120-660	650nb	660	790	M24 x 90	100 x 16	-
FM120-711	700nb	711	841	M24 x 90	100 x 16	-
FM120-762	750nb	762	892	M24 x 90	100 x 16	-
FM120-813	800nb	813	973	M30 x 110	100 x 20	-
FM120-864	850nb	864	1024	M30 x 110	100 x 20	-
FM120-914	900nb	914	1074	M30 x 110	130 x 20	-

FM121 - STANDARD DOUBLE BOLTED CLAMP FOR COPPER PIPE

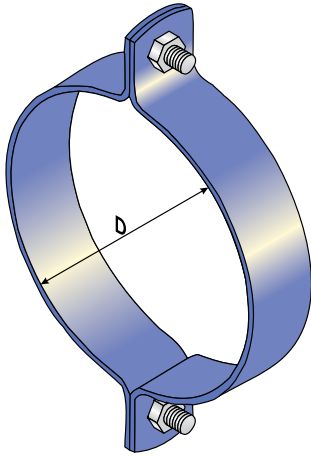


FINISH: POLY BROWN
POLYESTER POWDER COATED

STANDARD SIZES ONLY:
OTHER SIZES AVAILABLE ON REQUEST

PART NO.	PIPE DIA	D	BOLT	MATERIAL	BOX QTY
FM121-015	15cu	12.7	M6 x 25	20 x 3	50
FM121-020	20cu	20	M6 x 25	20 x 3	50
FM121-025	25cu	25	M6 x 25	20 x 3	25
FM121-032	32cu	32	M6 x 25	20 x 3	25
FM121-040	40cu	40	M6 x 25	20 x 3	25
FM121-051	50cu	51	M6 x 25	20 x 3	25
FM121-064	65cu	64	M6 x 25	20 x 3	20
FM121-076	80cu	76	M6 x 25	20 x 3	25
FM121-100	100cu	102	M6 x 25	20 x 3	-
FM121-125	125cu	127	M8 x 40	25 x 5	-
FM121-150	150cu	152	M8 x 40	25 x 5	-
FM121-200	200cu	204	M12 x 45	40 x 6	-

FM6 - LIGHT DUTY DOUBLE BOLTED CLAMP

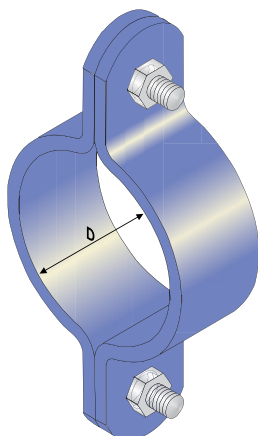


FINISH: HDG,
316 SS ON REQUEST

STANDARD FINISHES ONLY:
OTHER FINISHES AVAILABLE ON REQUEST

PART NO.	PIPE DIA.	D	BOLT	MATERIAL	HOLE CENTRES	BOX QTY
FM6-015	15cu	12.7	M6 x 25	20 x 3	40	50
FM6-020	20cu	19	M6 x 25	20 x 3	49	50
FM6-021	15nb	21	M6 x 25	20 x 3	49	50
FM6-025	25cu	25	M6 x 25	20 x 3	55	50
FM6-027	20nb	27	M6 x 25	20 x 3	55	50
FM6-032	32cu	32	M6 x 25	20 x 3	64	50
FM6-034	25nb	34	M6 x 25	20 x 3	64	50
FM6-038	40cu	38	M6 x 25	20 x 3	68	25
FM6-043	32nb	43	M6 x 25	20 x 3	73	25
FM6-048	40nb	48	M6 x 25	20 x 3	78	25
FM6-051	50cu	51	M6 x 25	20 x 3	81	25
FM6-060	50nb	60	M6 x 25	20 x 3	90	25
FM6-064	65cu	64	M6 x 25	20 x 3	95	25
FM6-076	80cu	76	M6 x 25	20 x 3	106	25
FM6-083	83ns	83	M6 x 25	20 x 3	113	20
FM6-089	80nb	89	M6 x 25	20 x 3	119	20
FM6-102	100cu	102	M6 x 25	20 x 3	132	20
FM6-115	100nb	115	M6 x 25	25 x 5	155	20
FM6-127	125cu	127	M8 x 30	25 x 5	167	10
FM6-140	125nb	140	M8 x 30	25 x 5	180	10
FM6-152	150cu	152	M8 x 30	25 x 5	192	10
FM6-168	150nb	168	M8 x 30	25 x 5	208	10
FM6-178	178ns	178	M8 x 30	25 x 5	215	10
FM6-190	190ns	190	M8 x 30	25 x 5	230	10
FM6-203	200cu	204	M8 x 30	25 x 5	243	10
FM6-220	200nb	220	M8 x 30	25 x 5	260	10
FM6-228	228ns	228	M8 x 30	25 x 5	268	10
FM6-240	240ns	240	M8 x 30	25 x 5	280	10
FM6-252	252ns	252	M8 x 30	25 x 5	290	10

FM16 - MEDIUM DUTY DOUBLE BOLTED CLAMP

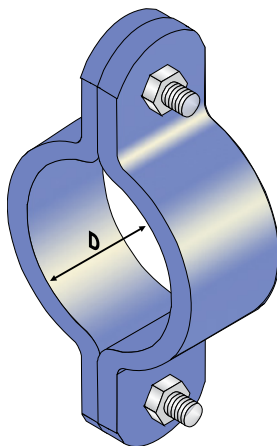


FINISH: HDG, 316 SS

STANDARD FINISHES ONLY:
OTHER FINISHES AVAILABLE ON REQUEST

PART NO.	PIPE DIA.	D	HOLE CENTRES	BOLT	MATERIAL	BOX QTY
FM16-048	40nb	48	96	M12 x 45	40 x 6	20
FM16-051	50cu	51	99	M12 x 45	40 x 6	20
FM16-060	50nb	60	108	M12 x 45	40 x 6	10
FM16-064	65cu	64	112	M12 x 45	40 x 6	10
FM16-076	80cu	76	124	M12 x 45	40 x 6	10
FM16-089	80nb	89	137	M12 x 45	40 x 6	10
FM16-102	100cu	102	150	M12 x 45	40 x 6	10
FM16-115	100nb	115	163	M12 x 45	40 x 6	10
FM16-127	125cu	127	175	M12 x 45	40 x 6	5
FM16-140	125nb	140	188	M12 x 45	40 x 6	5
FM16-152	150cu	152	200	M12 x 45	40 x 6	5
FM16-168	150nb	168	216	M12 x 45	40 x 6	5
FM16-178	178ns	178	223	M12 x 45	40 x 6	5
FM16-190	190ns	190	238	M12 x 45	40 x 6	5
FM16-203	200cu	203	251	M12 x 45	40 x 6	5
FM16-220	200nb	220	268	M12 x 45	40 x 6	5
FM16-228	228ns	228	276	M12 x 45	40 x 6	5
FM16-240	240ns	240	288	M12 x 45	40 x 6	5
FM16-252	250cu	252	300	M12 x 45	40 x 6	5
FM16-275	250nb	275	323	M12 x 45	40 x 6	5
FM16-304	300cu	304	352	M12 x 45	40 x 6	5
FM16-315	315ns	315	363	M12 x 45	40 x 6	5
FM16-324	300nb	324	372	M12 x 45	40 x 6	5

FM31 - HEAVY DUTY DOUBLE BOLTED CLAMP

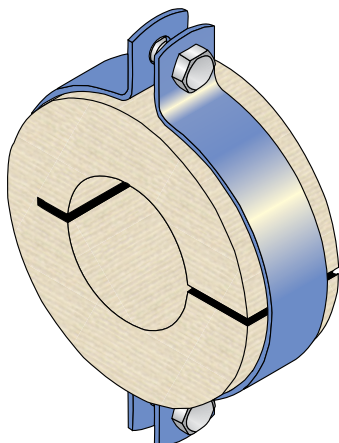


FINISH: HDG

STANDARD FINISHES ONLY:
OTHER FINISHES AVAILABLE ON REQUEST

PART NO.	PIPE DIA.	D	HOLE CENTRES	BOLT	MATERIAL	BOX QTY
FM31-168	150nb	168	254	M20 x 75	75 x 10	1
FM31-220	200nb	219	305	M20 x 75	75 x 10	1
FM31-273	250nb	273	359	M20 x 75	75 x 10	1
FM31-324	300nb	324	410	M20 x 75	75 x 10	1
FM31-356	350nb	357	448	M20 x 75	75 x 10	1
FM31-406	400nb	406	498	M24 x 90	75 x 12	1
FM31-457	450nb	457	585	M24 x 90	75 x 16	1
FM31-508	500nb	508	636	M24 x 90	75 x 16	1
FM31-610	600nb	610	738	M24 x 90	75 x 16	1

FM122 - DOUBLE BOLTED CLAMP & FERRULE FOR STEEL PIPE



FM122 - TIMBER FERRULE
eg: FM122-015A

FB122 - FLEXIBLOCK
eg: FB122-015A

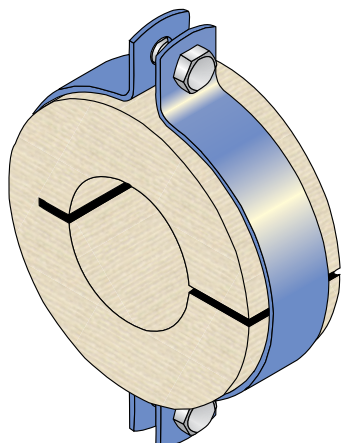
FINISH: HDG & PLAIN

STANDARD SIZES SHOWN

OTHER INSULATION SIZES
AVAILABLE ON REQUEST
13mm 19mm 100mm

PART NO.	PIPE DIA.	INS.	FERRULE DIMENSIONS		MATERIAL
			DIAMETER	WIDTH	
FM122-015A	15nb	25	21.3 x 76	40	20 x 3
FM122-015B		38	21.3 x 102		20 x 3
FM122-015C		50	21.3 x 127		25 x 5
FM122-020A	20nb	25	26.7 x 76	40	20 x 3
FM122-020B		38	26.7 x 102		20 x 3
FM122-020C		50	26.7 x 127		25 x 5
FM122-025A	25nb	25	33.4 x 83	40	20 x 3
FM122-025B		38	33.4 x 115		25 x 3
FM122-025C		50	33.4 x 140		25 x 5
FM122-032A	32nb	25	42.2 x 89	40	20 x 3
FM122-032B		38	42.2 x 115		25 x 3
FM122-032C		50	42.2 x 140		25 x 5
FM122-040A	40nb	25	48.3 x 102	40	20 x 3
FM122-040B		38	48.3 x 127		25 x 5
FM122-040C		50	48.3 x 152		25 x 5
FM122-050A	50nb	25	60.3 x 115	40	25 x 3
FM122-050B		38	60.3 x 140		25 x 5
FM122-050C		50	60.3 x 165		25 x 5
FM122-050G		63	60.3 x 190		25 x 5
FM122-050H		75	60.3 x 203		25 x 5
FM122-065A	65nb	25	73 x 127	40	25 x 5
FM122-065B		38	73 x 152		25 x 5
FM122-065C		50	73 x 178		25 x 5
FM122-065G		63	73 x 203		25 x 5
FM122-065H		75	73 x 228		25 x 5
FM122-080A	80nb	25	88.9 x 140	40	25 x 5
FM122-080B		38	88.9 x 165		25 x 5
FM122-080C		50	88.9 x 190		25 x 5
FM122-080G		63	88.9 x 220		25 x 5
FM122-080H		75	88.9 x 240		25 x 5
FM122-100A	100nb	25	114.3 x 165	40	25 x 5
FM122-100B		38	114.3 x 190		25 x 5
FM122-100C		50	114.3 x 220		25 x 5
FM122-100G		63	114.3 x 240		25 x 5
FM122-100H		75	114.3 x 268		40 x 6
FM122-125A	125nb	25	141.3 x 190	40	25 x 5
FM122-125B		38	141.3 x 220		25 x 5
FM122-125C		50	141.3 x 240		25 x 5
FM122-125G		63	141.3 x 268		40 x 6
FM122-125H		75	141.3 x 300		40 x 6
FM122-150A	150nb	25	168.3 x 220	40	40 x 6
FM122-150B		38	168.3 x 240		40 x 6
FM122-150C		50	168.3 x 268		40 x 6
FM122-150G		63	168.3 x 300		40 x 6
FM122-150H		75	168.3 x 324		40 x 6

FM122 - DOUBLE BOLTED CLAMP & FERRULE FOR STEEL PIPE



FM122 - TIMBER FERRULE
eg: **FM122-015A**

FB122 - FLEXIBLOCK
eg: **FB122-015A**

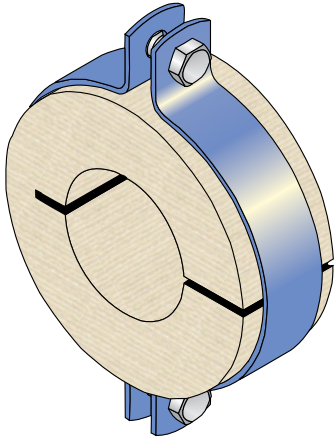
FINISH: HDG & PLAIN

STANDARD SIZES SHOWN

OTHER INSULATION SIZES
AVAILABLE ON REQUEST
13mm 19mm 100mm

PART NO.	PIPE DIA.	INS.	FERRULE DIMENSIONS		MATERIAL
			DIAMETER	WIDTH	
FM122-200A		25	219.1 x 275		40 x 6
FM122-200B		38	219.1 x 303		40 x 6
FM122-200C	200nb	50	219.1 x 324	40	40 x 6
FM122-200G		63	219.1 x 355		40 x 6
FM122-200H		75	219.1 x 375		40 x 6
FM122-250A		25	273 x 324		50 x 6
FM122-250B		38	273 x 356		50 x 6
FM122-250C	250nb	50	273 x 375	80	50 x 6
FM122-250G		63	273 x 406		50 x 6
FM122-250H		75	273 x 424		50 x 6
FM122-300A		25	324 x 375		50 x 10
FM122-300B		38	324 x 406		50 x 10
FM122-300C	300nb	50	324 x 424	80	50 x 10
FM122-300G		63	324 x 457		50 x 10
FM122-300H		75	324 x 475		50 x 10
FM122-350A		25	355.6 x 406		65 x 10
FM122-350B		38	355.6 x 424		65 x 10
FM122-350C	350nb	50	355.6 x 456	80	65 x 10
FM122-350G		63	355.6 x 486		65 x 10
FM122-350H		75	355.6 x 508		65 x 10
FM122-400A		25	406.4 x 457		65 x 10
FM122-400B		38	406.4 x 486		75 x 10
FM122-400C	400nb	50	406.4 x 508	80	75 x 10
FM122-400G		63	406.4 x 536		75 x 10
FM122-400H		75	406.4 x 557		75 x 10
FM122-450A		25	457 x 508		75 x 12
FM122-450B		38	457 x 536		75 x 12
FM122-450C	450nb	50	457 x 557	80	75 x 12
FM122-450G		63	457 x 587		75 x 12
FM122-450H		75	457 x 608		75 x 12
FM122-500A		25	508 x 557		75 x 16
FM122-500B		38	508 x 587		75 x 16
FM122-500C	500nb	50	508 x 610	80	75 x 16
FM122-500G		63	508 x 638		75 x 16
FM122-500H		75	508 x 658		75 x 16
FM122-600A		25	609.6 x 658		75 x 16
FM122-600B		38	610 x 685		75 x 16
FM122-600C	600nb	50	610 x 710	80	75 x 16
FM122-600G		63	610 x 740		75 x 16
FM122-600H		75	610 x 760		75 x 16

FM123 - DOUBLE BOLTED CLAMP AND TIMBER FERRULE FOR COPPER PIPE



FM123 - TIMBER FERRULE
eg: **FM123-015D**

FB123 - FLEXIBLOCK
eg: **FB123-015D**

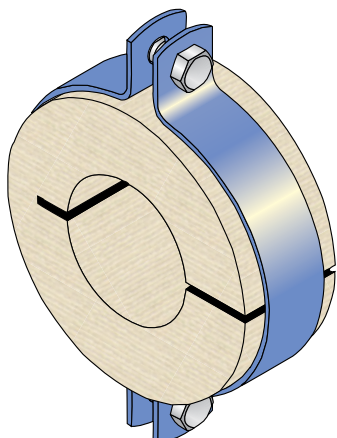
FINISH: HDG & PLAIN

STANDARD SIZES SHOWN

OTHER INSULATION SIZES
AVAILABLE ON REQUEST
13mm 19mm 100mm

PART NO.	PIPE DIA.	INS.	FERRULE DIMENSIONS		MATERIAL
			DIAMETER	WIDTH	
FM123-015D		25	12.7 x 65		20 x 3
FM123-015E	15cu	38	12.7 x 89	40	20 x 3
FM123-015F		50	12.7 x 115		25 x 3
FM123-020D		25	19.1 x 70		20 x 3
FM123-020E	20cu	38	19.1 x 102	40	20 x 3
FM123-020F		50	19.1 x 127		25 x 5
FM123-025D		25	25.4 x 76		20 x 3
FM123-025E	25cu	38	25.4 x 102	40	20 x 3
FM123-025F		50	25.4 x 127		25 x 5
FM123-032D		25	31.8 x 83		20 x 3
FM123-032E	32cu	38	31.8 x 114	40	25 x 3
FM123-032F		50	31.8 x 140		25 x 5
FM123-040D		25	38.1 x 89		20 x 3
FM123-040E	40cu	38	38.1 x 114	40	25 x 3
FM123-040F		50	38.1 x 140		25 x 5
FM123-050D		25	50.8 x 102		20 x 3
FM123-050E		38	50.8 x 127		25 x 5
FM123-050F	50cu	50	50.8 x 152	40	25 x 5
FM123-050J		63	50.8 x 178		25 x 5
FM123-050K		75	50.8 x 203		25 x 5
FM123-065D		25	63.5 x 114		25 x 3
FM123-065E		38	63.5 x 140		25 x 5
FM123-065F	65cu	50	63.5 x 165	40	25 x 5
FM123-065J		63	63.5 x 190		25 x 5
FM123-065K		75	63.5 x 220		25 x 5

FM123 - DOUBLE BOLTED CLAMP AND TIMBER FERRULE FOR COPPER PIPE



FM123 - TIMBER FERRULE
eg: **FM123-015D**

FB123 - FLEXIBLOCK
eg: **FB123-015D**

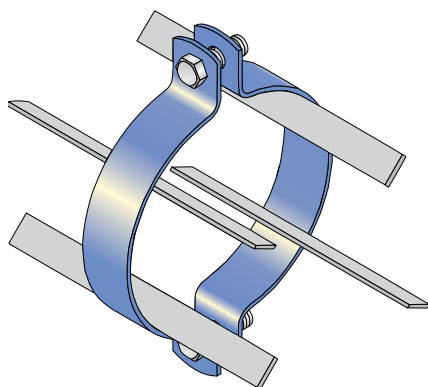
FINISH: HDG & PLAIN

STANDARD SIZES SHOWN

OTHER INSULATION SIZES
AVAILABLE ON REQUEST
13mm 19mm 100mm

PART NO.	PIPE DIA.	INS.	FERRULE DIMENSIONS		MATERIAL
			DIAMETER	WIDTH	
FM123-080D		25	76.2 x 127		25 x 5
FM123-080E		38	76.2 x 152		25 x 5
FM123-080F	80cu	50	76.2 x 178	40	25 x 5
FM123-080J		63	76.2 x 203		25 x 5
FM123-080K		75	76.2 x 228		25 x 5
FM123-100D		25	101.6 x 152		25 x 5
FM123-100E		38	101.6 x 178		25 x 5
FM123-100F	100cu	50	101.6 x 203	40	25 x 5
FM123-100J		63	101.6 x 228		25 x 5
FM123-100K		75	101.6 x 252		25 x 5
FM123-125D		25	127 x 178		25 x 5
FM123-125E		38	127 x 203		25 x 5
FM123-125F	125cu	50	127 x 228	40	25 x 5
FM123-125J		63	127 x 252		25 x 5
FM123-125K		75	127 x 275		40 x 6
FM123-150D		25	152.4 x 203		25 x 5
FM123-150E		38	152.4 x 228		25 x 5
FM123-150F	150cu	50	152.4 x 252	40	25 x 5
FM123-150J		63	152.4 x 275		40 x 6
FM123-150K		75	152.4 x 303		40 x 6
FM123-200D		25	203.2 x 252		25 x 5
FM123-200E		38	203.2 x 275		40 x 6
FM123-200F	200cu	50	203.2 x 303	40	40 x 6
FM123-200J		63	203.2 x 324		40 x 6
FM123-200K		75	203.2 x 355		40 x 6

FM192 - SPIDER CLAMP FOR STEAM AND CONDENSATE STEEL PIPE

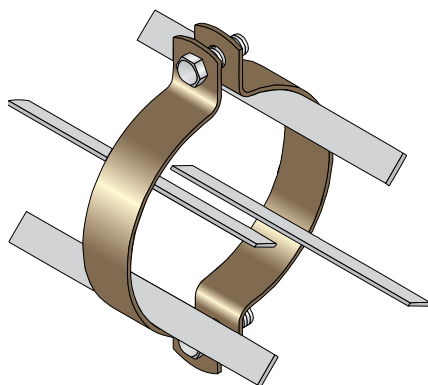


FINISH: HDG

PART NO.	PIPE DIA.	INS.	FERRULE DIA
FM192-015A		25	21.3 x 76
FM192-015B	15nb	38	21.3 x 102
FM192-015C		50	21.3 x 127
FM192-020A		25	26.7 x 76
FM192-020B	20nb	38	26.7 x 102
FM192-020C		50	26.7 x 127
FM192-025A		25	33.4 x 83
FM192-025B	25nb	38	33.4 x 115
FM192-025C		50	33.4 x 140
FM192-032A		25	42.2 x 89
FM192-032B	32nb	38	42.2 x 115
FM192-032C		50	42.2 x 140
FM192-040A		25	48.3 x 102
FM192-040B	40nb	38	48.3 x 127
FM192-040C		50	48.3 x 152
FM192-050A		25	60.3 x 115
FM192-050B	50nb	38	60.3 x 140
FM192-050C		50	60.3 x 168

PART NO.	PIPE DIA.	INS.	FERRULE DIA
FM192-065A		25	73 x 127
FM192-065B	65nb	38	73 x 152
FM192-065C		50	73 x 178
FM192-080A		25	88.9 x 140
FM192-080B	80nb	38	88.9 x 165
FM192-080C		50	88.9 x 190
FM192-100A		25	114.3 x 165
FM192-100B	100nb	38	114.3 x 190
FM192-100C		50	114.3 x 220
FM192-125A		25	141.3 x 190
FM192-125B	125nb	38	141.3 x 220
FM192-125C		50	141.3 x 240
FM192-150A		25	168.3 x 220
FM192-150B	150nb	38	168.3 x 240
FM192-150C		50	168.3 x 268
FM192-200A		25	219.1 x 275
FM192-200B	200nb	38	219.1 x 303
FM192-200C		50	219.1 x 324

FM192 - SPIDER CLAMP FOR STEAM AND CONDENSATE COPPER PIPE

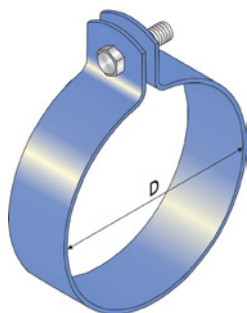


FINISH: POLY BROWN

PART NO.	PIPE DIA.	INS.	FERRULE DIA
FM192-015D		25	12.7 x 65
FM192-015E	15cu	38	12.7 x 89
FM192-015F		50	12.7 x 115
FM192-020D		25	19.1 x 70
FM192-020E	20cu	38	19.1 x 102
FM192-020F		50	19.1 x 127
FM192-025D		25	25.4 x 76
FM192-025E	25cu	38	25.4 x 102
FM192-025F		50	25.4 x 127
FM192-032D		25	31.8 x 83
FM192-032E	32cu	38	31.8 x 114
FM192-032F		50	31.8 x 140
FM192-040D		25	38.1 x 89
FM192-040E	40cu	38	38.1 x 114
FM192-040F		50	38.1 x 140
FM192-050D		25	50.8 x 102
FM192-050E	50cu	38	50.8 x 127
FM192-050F		50	50.8 x 152

PART NO.	PIPE DIA.	INS.	FERRULE DIA
FM192-065D		25	63.5 x 114
FM192-065E	65cu	38	63.5 x 140
FM192-065F		50	63.5 x 165
FM192-080D		25	76.2 x 127
FM192-080E	80cu	38	76.2 x 152
FM192-080F		50	76.2 x 178
FM192-100D		25	101.6 x 152
FM192-100E	100cu	38	101.6 x 178
FM192-100F		50	101.6 x 203
FM192-125D		25	127 x 178
FM192-125E	125cu	38	127 x 203
FM192-125F		50	127 x 228
FM192-150D		25	152.4 x 203
FM192-150E	150cu	38	152.4 x 228
FM192-150F		50	152.4 x 252
FM192-200D		25	203.2 x 252
FM192-200E	200cu	38	203.2 x 275
FM192-200F		50	203.2 x 303

FM127 - STANDARD BAND CLAMP FOR STEEL PIPE

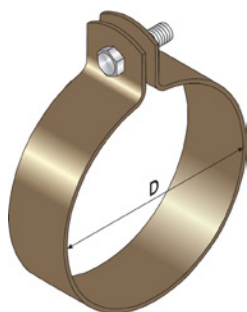


FINISH: ZINC

STANDARD SIZES ONLY:
OTHER SIZES AVAILABLE ON REQUEST

PART NO.	PIPE DIA	D	MATERIAL	BOLT & NUT	BOX QTY
FM127-021	15nb	21	25 x 1	M8 x 25	100
FM127-027	20nb	27	25 x 1	M8 x 25	100
FM127-034	25nb	34	25 x 1	M8 x 25	100
FM127-043	32nb	43	25 x 1.2	M8 x 25	50
FM127-048	40nb	48	25 x 1.2	M8 x 25	50
FM127-060	50nb	60	25 x 1.2	M8 x 25	50
FM127-076	65nb	76	25 x 1.2	M8 x 25	50
FM127-089	80nb	89	32 x 1.6	M8 x 25	50
FM127-115	100nb	115	32 x 1.6	M8 x 25	25
FM127-140	125nb	140	32 x 1.6	M10 x 25	25
FM127-168	150nb	168	40 x 3	M12 x 45	-
FM127-220	200nb	220	50 x 3	M12 x 45	-

FM128 - STANDARD BAND CLAMP FOR COPPER PIPE

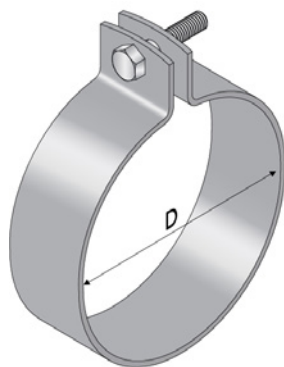


FINISH: POLY BROWN

STANDARD SIZES ONLY:
OTHER SIZES AVAILABLE ON REQUEST

PART NO.	PIPE DIA	D	MATERIAL	BOLT & NUT	BOX QTY
FM128-015	15cu	12.7	25 x 1	M8 x 25	100
FM128-020	20cu	20	25 x 1	M8 x 25	100
FM128-025	25cu	25	25 x 1	M8 x 25	100
FM128-032	32cu	32	25 x 1.2	M8 x 25	100
FM128-038	40cu	40	25 x 1.2	M8 x 25	50
FM128-051	50cu	51	25 x 1.2	M8 x 25	50
FM128-064	65cu	64	25 x 1.2	M8 x 25	25
FM128-076	80cu	76	32 x 1.6	M8 x 25	25
FM128-102	100cu	102	32 x 1.6	M8 x 25	25
FM128-127	125cu	127	32 x 1.6	M10 x 25	-
FM128-152	150cu	152	40 x 3	M12 x 45	-
FM128-203	200cu	203	40 x 3	M12 x 45	-

SSFM127 - STANDARD BAND CLAMP STAINLESS STEEL



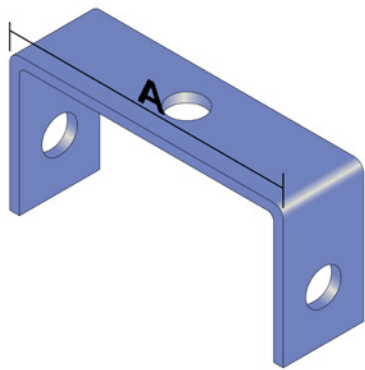
FINISH: 316 SS

STANDARD SIZES ONLY:
OTHER SIZES AVAILABLE ON REQUEST

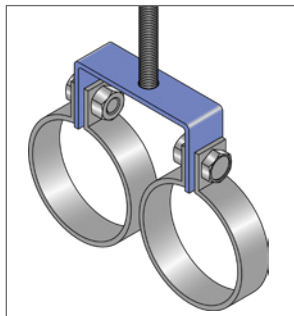
PART NO.	D	MATERIAL	BOLT & NUT	BOX QTY
SSFM127-013	13	25 x 1	M6 x 25	100
SSFM127-015	15	25 x 1	M6 x 25	100
SSFM127-016	16	25 x 1	M6 x 25	100
SSFM127-020	20	25 x 1	M6 x 25	100
SSFM127-021	21	25 x 1	M6 x 25	100
SSFM127-022	22	25 x 1	M6 x 25	100
SSFM127-027	27	25 x 1	M6 x 25	100
SSFM127-028	28	25 x 1	M6 x 25	100
SSFM127-032	32	25 x 1	M6 x 25	100
SSFM127-034	34	25 x 1	M6 x 25	100
SSFM127-035	35	25 x 1.2	M6 x 25	100
SSFM127-038	38	25 x 1.2	M6 x 25	100
SSFM127-042	42	25 x 1.2	M6 x 25	100
SSFM127-048	48	25 x 1.2	M8 x 25	50
SSFM127-051	51	25 x 1.2	M8 x 25	50

PART NO.	D	MATERIAL	BOLT & NUT	BOX QTY
SSFM127-054	54	25 x 1.2	M8 x 25	50
SSFM127-056	56	25 x 1.2	M8 x 25	50
SSFM127-060	60	25 x 1.2	M8 x 25	50
SSFM127-064	64	25 x 1.2	M8 x 25	50
SSFM127-070	70	25 x 1.2	M8 x 25	50
SSFM127-076	76	25 x 1.2	M8 x 25	50
SSFM127-083	83	32 x 1.6	M8 x 25	50
SSFM127-089	89	32 x 1.6	M8 x 25	50
SSFM127-108	108	32 x 1.6	M8 x 25	10
SSFM127-112	112	32 x 1.6	M8 x 25	10
SSFM127-127	127	32 x 1.6	M8 x 25	10
SSFM127-152	152	25 x 3	M12 x 45	10
SSFM127-162	162	25 x 3	M12 x 45	10
SSFM127-200	200	25 x 3	M12 x 45	10
SSFM127-252	252	25 x 3	M12 x 45	10

FMBS - HANGER ATTACHMENT



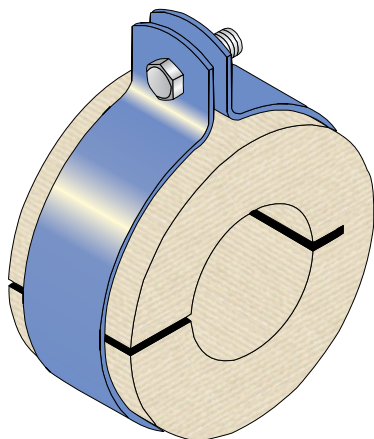
PART NO.	HOLE SIZE	'A'	BOX QTY	FINISH
FMBS-M10	11Ø	80	50	ZINC



OTHER SIZES AVAILABLE ON REQUEST

CLIPS/ROD NOT INCLUDED

FM129 - BAND CLAMP AND TIMBER FERRULE FOR STEEL PIPE



FM129 - TIMBER FERRULE
eg: FM129-015A

FB129 - FLEXIBLOCK
eg: FB129-015A

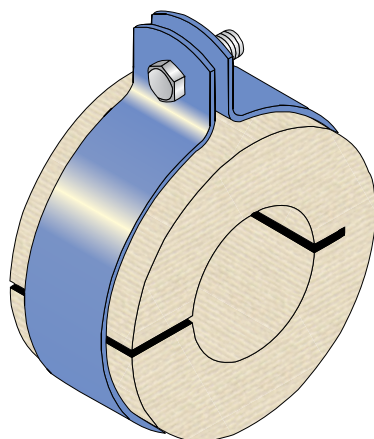
FINISH: ZINC

STANDARD SIZES SHOWN

OTHER INSULATION SIZES
AVAILABLE ON REQUEST
13mm 19mm 100mm

PART NO.	PIPE DIA.	INS.	FERRULE DIMENSIONS		MATERIAL
			DIAMETER	WIDTH	
FM129-015A		25	21.3 x 76		20 x 3
FM129-015B	15nb	38	21.3 x 102	40	20 x 3
FM129-015C		50	21.3 x 127		25 x 3
FM129-020A		25	26.7 x 76		20 x 3
FM129-020B	20nb	38	26.7 x 102	40	20 x 3
FM129-020C		50	26.7 x 127		25 x 3
FM129-025A		25	33.4 x 83		20 x 3
FM129-025B	25nb	38	33.4 x 115	40	25 x 3
FM129-025C		50	33.4 x 140		25 x 3
FM129-032A		25	42.2 x 89		20 x 3
FM129-032B	32nb	38	42.2 x 115	40	25 x 3
FM129-032C		50	42.2 x 140		40 x 3
FM129-040A		25	48.3 x 102		20 x 3
FM129-040B	40nb	38	48.3 x 127	40	25 x 3
FM129-040C		50	48.3 x 152		40 x 3
FM129-050A		25	60.3 x 115		25 x 3
FM129-050B		38	60.3 x 140		25 x 3
FM129-050C	50nb	50	60.3 x 165	40	40 x 3
FM129-050G		63	60.3 x 190		40 x 3
FM129-050H		75	60.3 x 203		40 x 3

FM129 - BAND CLAMP AND TIMBER FERRULE FOR STEEL PIPE



FM129 - TIMBER FERRULE
eg: **FM129-015A**

FB129 - FLEXIBLOCK
eg: **FB129-015A**

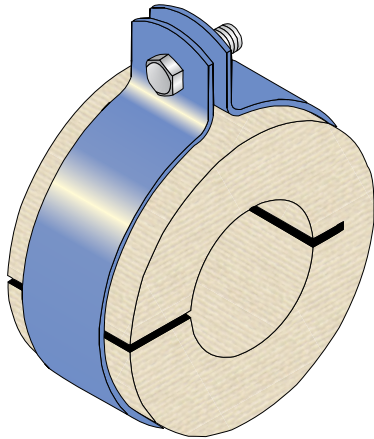
FINISH: ZINC

STANDARD SIZES SHOWN

OTHER INSULATION SIZES
AVAILABLE ON REQUEST
13mm 19mm 100mm

PART NO.	PIPE DIA.	INS.	FERRULE DIMENSIONS		MATERIAL
			DIAMETER	WIDTH	
FM129-065A		25	73 x 127		25 x 3
FM129-065B		38	73 x 152		40 x 3
FM129-065C	65nb	50	73 x 178	40	40 x 3
FM129-065G		63	73 x 203		40 x 3
FM129-065H		75	73 x 228		40 x 3
FM129-080A		25	88.9 x 140		40 x 3
FM129-080B		38	88.9 x 165		40 x 3
FM129-080C	80nb	50	88.9 x 190	40	40 x 3
FM129-080G		63	88.9 x 220		40 x 3
FM129-080H		75	88.9 x 240		40 x 3
FM129-100A		25	114.3 x 165		40 x 3
FM129-100B		38	114.3 x 190		40 x 3
FM129-100C	100nb	50	114.3 x 220	40	40 x 3
FM129-100G		63	114.3 x 240		40 x 3
FM129-100H		75	114.3 x 268		40 x 3
FM129-125A		25	141.3 x 190		40 x 3
FM129-125B		38	141.3 x 220		40 x 3
FM129-125C	125nb	50	141.3 x 240	40	40 x 3
FM129-125G		63	141.3 x 268		40 x 3
FM129-125H		75	141.3 x 300		40 x 3
FM129-150A		25	168.3 x 220		40 x 3
FM129-150B		38	168.3 x 240		40 x 3
FM129-150C	150nb	50	168.3 x 268	40	40 x 3
FM129-150G		63	168.3 x 300		40 x 3
FM129-150H		75	168.3 x 324		40 x 3
FM129-200A		25	219.1 x 275		40 x 3
FM129-200B		38	219.1 x 303		40 x 3
FM129-200C	200nb	50	219.1 x 324	40	40 x 3
FM129-200G		63	219.1 x 355		40 x 3
FM129-200H		75	219.1 x 375		40 x 3

FM130 - BAND CLAMP AND TIMBER FERRULE FOR COPPER PIPE



FM130 - TIMBER FERRULE
eg: FM130-015D

FB130 - FLEXIBLOCK
eg: FB130-015D

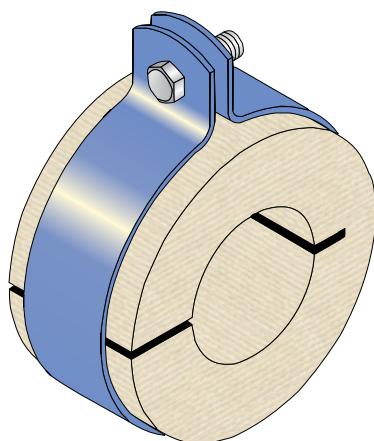
FINISH: ZINC

STANDARD SIZES SHOWN

OTHER INSULATION SIZES
AVAILABLE ON REQUEST
13mm 19mm 100mm

PART NO.	PIPE DIA.	INS.	FERRULE DIMENSIONS		MATERIAL
			DIAMETER	WIDTH	
FM130-015D		25	12.7 x 65		20 x 3
FM130-015E	15cu	38	12.7 x 89	40	20 x 3
FM130-015F		50	12.7 x 115		25 x 3
FM130-020D		25	19.1 x 70		20 x 3
FM130-020E	20cu	38	19.1 x 102	40	20 x 3
FM130-020F		50	19.1 x 127		25 x 3
FM130-025D		25	25.4 x 76		20 x 3
FM130-025E	25cu	38	25.4 x 102	40	20 x 3
FM130-025F		50	25.4 x 127		25 x 3
FM130-032D		25	31.8 x 83		20 x 3
FM130-032E	32cu	38	31.8 x 114	40	25 x 3
FM130-032F		50	31.8 x 140		25 x 3
FM130-040D		25	38.1 x 89		20 x 3
FM130-040E	40cu	38	38.1 x 114	40	25 x 3
FM130-040F		50	38.1 x 140		25 x 3
FM130-050D		25	50.8 x 102		20 x 3
FM130-050E		38	50.8 x 127		25 x 5
FM130-050F	50cu	50	50.8 x 152	40	40 x 3
FM130-050J		63	50.8 x 178		40 x 3
FM130-050K		75	50.8 x 203		40 x 3
FM130-065D		25	63.5 x 114		25 x 3
FM130-065E		38	63.5 x 140		25 x 3
FM130-065F	65cu	50	63.5 x 165	40	40 x 3
FM130-065J		63	63.5 x 190		40 x 3
FM130-065K		75	63.5 x 220		40 x 3

FM130 - BAND CLAMP AND TIMBER FERRULE FOR COPPER PIPE



FM130 - TIMBER FERRULE
eg: **FM130-015D**

FB130 - FLEXIBLOCK
eg: **FB130-015D**

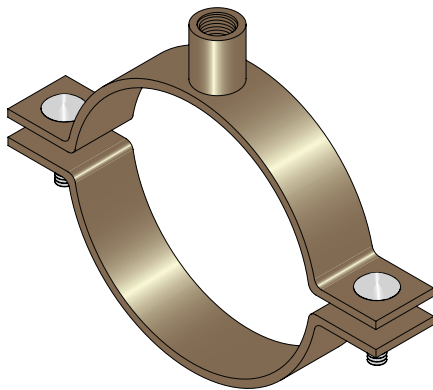
FINISH: ZINC

STANDARD SIZES SHOWN

OTHER INSULATION SIZES
AVAILABLE ON REQUEST
13mm 19mm 100mm

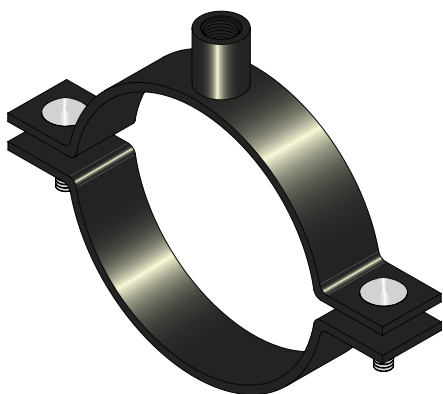
PART NO.	PIPE DIA.	INS.	FERRULE DIMENSIONS		MATERIAL
			DIAMETER	WIDTH	
FM130-080D		25	76.2 x 127		25 x 3
FM130-080E		38	76.2 x 152		40 x 3
FM130-080F	80cu	50	76.2 x 178	40	40 x 3
FM130-080J		63	76.2 x 203		40 x 3
FM130-080K		75	76.2 x 228		40 x 3
FM130-100D		25	101.6 x 152		40 x 3
FM130-100E		38	101.6 x 178		40 x 3
FM130-100F	100cu	50	101.6 x 203	40	40 x 3
FM130-100J		63	101.6 x 228		40 x 3
FM130-100K		75	101.6 x 252		40 x 3
FM130-125D		25	127 x 178		40 x 3
FM130-125E		38	127 x 203		40 x 3
FM130-125F	125cu	50	127 x 228	40	40 x 3
FM130-125J		63	127 x 252		40 x 3
FM130-125K		75	127 x 275		40 x 3
FM130-150D		25	152.4 x 203		40 x 3
FM130-150E		38	152.4 x 228		40 x 3
FM130-150F	150cu	50	152.4 x 252	40	40 x 3
FM130-150J		63	152.4 x 275		40 x 3
FM130-150K		75	152.4 x 303		40 x 3
FM130-200D		25	203.2 x 252		40 x 3
FM130-200E		38	203.2 x 275		40 x 3
FM130-200F	200cu	50	203.2 x 303	40	40 x 3
FM130-200J		63	203.2 x 324		40 x 3
FM130-200K		75	203.2 x 355		40 x 3

200 SERIES NUT CLIP - COPPER



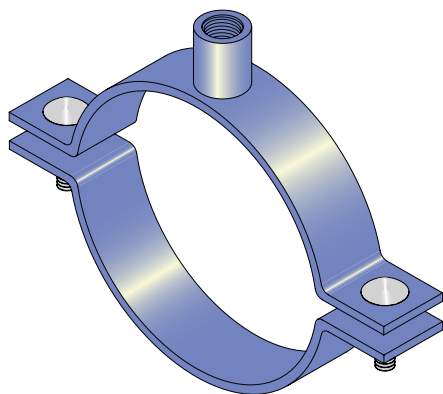
PART NO.	PIPE DIA	NUT	MATERIAL	BOX QTY	FINISH
	mm		mm		
EC200-015	12.7	M10	20 x 3	50	POLY BROWN
EC200-020	19.1	M10	20 x 3	50	
EC200-025	25.4	M10	20 x 3	50	
EC200-032	31.8	M10	20 x 3	25	
EC200-038	38.1	M10	20 x 3	25	
EC200-051	51.2	M10	20 x 3	25	
EC200-064	63.5	M10	20 x 3	25	
EC200-064-M12	63.5	M12	20 x 3	25	
EC200-076	76.2	M10	20 x 3	25	
EC200-076-M12	76.2	M12	20 x 3	25	
EC200-102	101.6	M10	20 x 3	25	
EC200-102-M12	101.6	M12	20 x 3	25	
EC200-127	127	M10	25 x 3	20	
EC200-127-M12	127	M12	25 x 3	20	
EC200-152	152.4	M10	25 x 3	10	
EC200-152-M12	152.4	M12	25 x 3	10	
EC200-200	203.2	M10	25 x 5	10	
EC200-200-M12	203.2	M12	25 x 5	10	

200 SERIES NUT CLIP - HDPE



PART NO.	PIPE DIA	NUT	MATERIAL	BOX QTY	FINISH
	mm		mm		
EB200-040	40	M10	20 x 3	25	POLY BLACK
EB200-050	50	M10	20 x 3	25	
EB200-056	56	M10	20 x 3	25	
EB200-063	63	M10	20 x 3	25	
EB200-075	75	M10	20 x 3	25	
EB200-090	90	M10	20 x 3	20	
EB200-110	110	M10	20 x 3	20	
EB200-115	110 (LOOSE FIT)	M10	20 x 3	20	
EB200-125	125	M10	25 x 3	20	
EB200-165	160	M10	25 x 5	10	
EB200-165-M12	160	M12	25 x 3	10	
EB200-200	200	M10	25 x 5	10	
EB200-200-M12	200	M12	25 x 5	10	
EB200-250	250	M10	25 x 5	10	
EB200-250-M12	250	M12	25 x 5	10	
EB200-315	315	M10	25 x 5	10	
EB200-315-M12	315	M12	25 x 5	10	

200 SERIES NUT CLIP - STEEL



CLAMPS ARE AVAILABLE IN HDG.

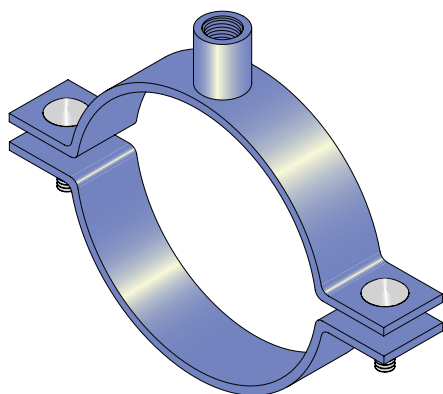
TO ORDER PUT HDG AT END OF CODE

EG: ES200-065HDG

* DENOTES HEAVY DUTY MATERIAL

PART NO.	PIPE DIA	NUT	MATERIAL	BOX QTY	FINISH
	NB		mm		
ES200-021	15	M10	20 x 3	50	ZINC PLATED
ES200-027	20	M10	20 x 3	50	
ES200-034	25	M10	20 x 3	25	
ES200-043	32	M10	20 x 3	25	
ES200-048	40	M10	20 x 3	25	
ES200-060	50	M10	20 x 3	25	
ES200-076	65	M10	20 x 3	25	
ES200-089	80	M10	20 x 3	20	
ES200-115	100	M10	25 x 3	20	
ES200-115*	100	M10	25 x 5	20	
ES200-140	125	M10	25 x 3	10	
ES200-165	150	M10	25 x 5	10	
ES200-220	200	M10	25 x 5	10	

200 SERIES NUT CLIP - NOMINAL ZP



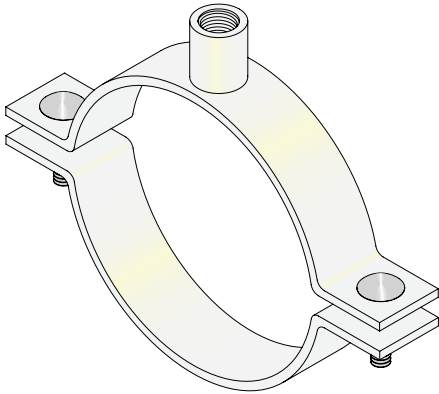
CLAMPS ARE AVAILABLE IN HDG.

TO ORDER PUT HDG AT END OF CODE

EG: EZ200-065HDG

PART NO.	NOMINAL	NUT	MATERIAL	BOX QTY	FINISH
	mm		mm		
EZ200-065	65	M10	20 x 3	25	ZINC PLATED
EZ200-070	70	M10	20 x 3	25	
EZ200-083	83	M10	20 x 3	20	
EZ200-102	102	M10	20 x 3	25	
EZ200-127	127	M10	25 x 3	20	
EZ200-152	152	M10	25 x 3	10	
EZ200-178	178	M10	25 x 5	10	
EZ200-190	190	M10	25 x 5	10	
EZ200-203	203	M10	25 x 5	10	
EZ200-228	228	M10	25 x 5	10	
EZ200-252	252	M10	25 x 5	10	
EZ200-275	275	M10	25 x 5	10	
EZ200-302	302	M10	25 x 5	10	
EZ200-315	315	M10	25 x 5	10	
EZ200-355	355	M10	25 x 5	10	
EZ200-406	406	M10	25 x 5	10	

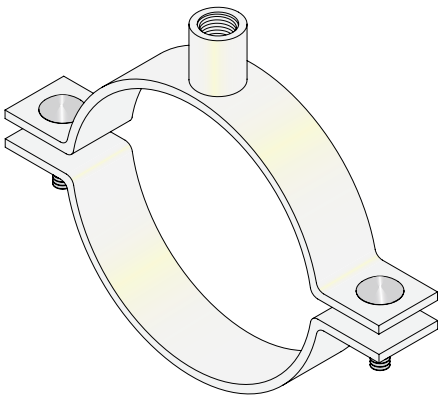
200 SERIES NUT CLIP - PRESS PVC



* DENOTES HEAVY DUTY MATERIAL

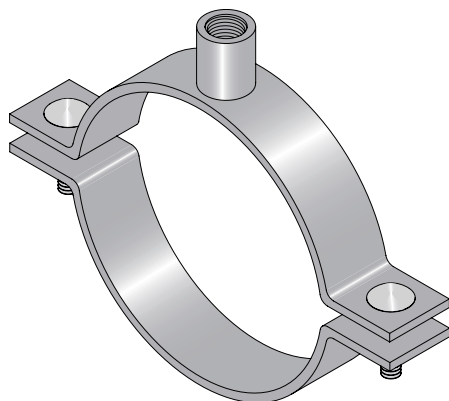
PART NO.	PIPE DIA	NUT	MATERIAL	BOX QTY	FINISH
	NB		mm		
EH200-021	15	M10	20 x 3	50	POLY WHITE
EH200-027	20	M10	20 x 3	50	
EH200-034	25	M10	20 x 3	25	
EH200-043	32	M10	20 x 3	25	
EH200-048	40	M10	20 x 3	25	
EH200-060	50	M10	20 x 3	25	
EH200-076	65	M10	20 x 3	25	
EH200-089	80	M10	20 x 3	20	
EH200-110	100 (TIGHT FIT)	M10	20 x 3	20	
EH200-115	100 (LOOSE FIT)	M10	20 x 3	20	
EH200-140	125	M10	25 x 5	10	
EH200-160	150 (TIGHT FIT)	M10	25 x 3	10	
EH200-165	150 (LOOSE FIT)	M10	25 x 3	10	
EH200-165*	150	M10	25 x 5	10	
EH200-250	225	M10	25 x 5	10	
EH200-250-M12	225	M12	25 x 5	10	
EH200-315	300	M10	25 x 5	10	
EH200-315-M12	300	M12	25 x 5	10	

200 SERIES NUT CLIP - DWV PVC



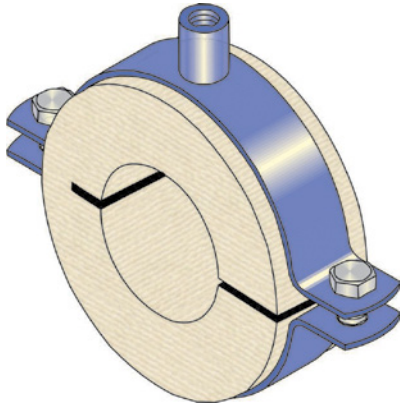
PART NO.	PIPE DIA	NUT	MATERIAL	BOX QTY	FINISH
	NB		mm		
EP200-038	32	M10	20 x 3	25	POLY WHITE
EP200-043	40	M10	20 x 3	25	
EP200-060	50	M10	20 x 3	25	
EP200-070	65	M10	20 x 3	25	
EP200-083	80	M10	20 x 3	20	
EP200-110	100 (TIGHT FIT)	M10	20 x 3	20	
EP200-115	100 (LOOSE FIT)	M10	20 x 3	20	
EP200-160	150 (TIGHT FIT)	M10	25 x 3	10	
EP200-165	150 (LOOSE FIT)	M10	25 x 3	10	
EP200-165-M12	150	M12	25 x 5	10	
EP200-250	225	M10	25 x 5	10	
EP200-250-M12	225	M12	25 x 5	10	
EP200-315	300	M10	25 x 5	10	
EP200-315-M12	300	M12	25 x 5	10	

200 SERIES NUT CLIP - STAINLESS STEEL



PART NO.	NUT	MATERIAL	BOX QTY	FINISH
		mm		
SSES200-12.7	M10	20 x 3	50	316 SS
SSES200-015	M10	20 x 3	50	
SSES200-016	M10	20 x 3	50	
SSES200-020	M10	20 x 3	50	
SSES200-021	M10	20 x 3	50	
SSES200-025	M10	20 x 3	50	
SSES200-027	M10	20 x 3	50	
SSES200-028	M10	20 x 3	50	
SSES200-032	M10	20 x 3	25	
SSES200-034	M10	20 x 3	25	
SSES200-038	M10	20 x 3	25	
SSES200-043	M10	20 x 3	25	
SSES200-048	M10	20 x 3	25	
SSES200-051	M10	20 x 3	25	
SSES200-054	M10	20 x 3	25	
SSES200-060	M10	20 x 3	25	
SSES200-065	M10	20 x 3	25	
SSES200-070	M10	20 x 3	25	
SSES200-076	M10	20 x 3	25	
SSES200-083	M10	20 x 3	25	
SSES200-089	M10	20 x 3	20	
SSES200-102	M10	20 x 3	25	
SSES200-108	M10	20 x 3	25	
SSES200-112	M10	20 x 3	20	
SSES200-115	M10	25 x 5	20	
SSES200-127	M10	25 x 3	20	
SSES200-140	M10	25 x 3	10	
SSES200-152	M10	25 x 3	10	
SSES200-162	M10	25 x 3	10	
SSES200-203	M10	25 x 5	10	
SSES200-228	M10	25 x 5	10	
SSES200-250	M10	25 x 5	10	
SSES200-304	M10	25 x 5	10	
SSES200-315	M10	25 x 5	10	

FM109 - NUT CLIPS AND FERRULE FOR STEEL PIPE



FM109 - TIMBER FERRULE
eg: FM109-015A

FB109 - FLEXIBLOCK
eg: FB109-015A

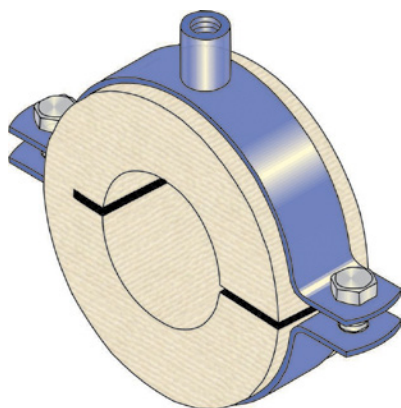
FINISH: ZINC PLATED

STANDARD SIZES SHOWN:
OTHER SIZES AVAILABLE ON REQUEST

13mm 19mm 100mm INSULATION

PART NO.	PIPE DIA.	INS.	FERRULE DIMENSIONS		MATERIAL	NUT
			DIAMETER	WIDTH		
FM109-015A		25	21.3 x 76		20 x 3	M10
FM109-015B	15nb	38	21.3 x 102	40	20 x 3	M10
FM109-015C		50	21.3 x 127		25 x 3	M10
FM109-020A		25	26.7 x 76		20 x 3	M10
FM109-020B	20nb	38	26.7 x 102	40	20 x 3	M10
FM109-020C		50	26.7 x 127		25 x 3	M10
FM109-025A		25	33.4 x 83		20 x 3	M10
FM109-025B	25nb	38	33.4 x 115	40	25 x 3	M10
FM109-025C		50	33.4 x 140		25 x 3	M10
FM109-032A		25	42.2 x 89		20 x 3	M10
FM109-032B	32nb	38	42.2 x 115	40	25 x 3	M10
FM109-032C		50	42.2 x 140		25 x 3	M10
FM109-040A		25	48.3 x 102		20 x 3	M10
FM109-040B	40nb	38	48.3 x 127	40	25 x 3	M10
FM109-040C		50	48.3 x 152		25 x 5	M10
FM109-050A		25	60.3 x 115		25 x 3	M10
FM109-050B		38	60.3 x 140		25 x 3	M10
FM109-050C	50nb	50	60.3 x 165	40	25 x 5	M10
FM109-050G		63	60.3 x 190		25 x 5	M10
FM109-050H		75	60.3 x 203		25 x 5	M10
FM109-065A		25	73 x 127		25 x 5	M10
FM109-065B		38	73 x 152		25 x 5	M10
FM109-065C	65nb	50	73 x 178	40	25 x 5	M10
FM109-065G		63	73 x 203		25 x 5	M10
FM109-065H		75	73 x 228		25 x 5	M10

FM109 - NUT CLIPS AND FERRULE FOR STEEL PIPE



FM109 - TIMBER FERRULE
eg: **FM109-015A**

FB109 - FLEXIBLOCK
eg: **FB109-015A**

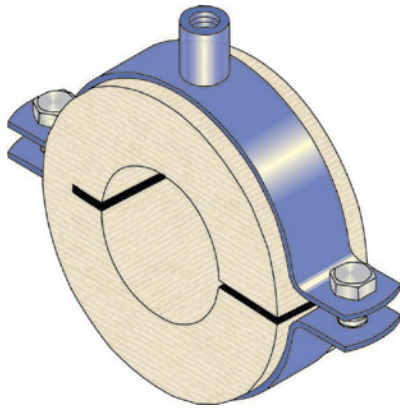
FINISH: ZINC PLATED

STANDARD SIZES SHOWN:
OTHER SIZES AVAILABLE ON REQUEST

13mm 19mm 100mm INSULATION

PART NO.	PIPE DIA.	INS.	FERRULE DIMENSIONS		MATERIAL	NUT
			DIAMETER	WIDTH		
FM109-080A		25	88.9 x 140		25 x 3	M10
FM109-080B		38	88.9 x 165		25 x 5	M10
FM109-080C	80nb	50	88.9 x 190	40	25 x 5	M10
FM109-080G		63	88.9 x 220		25 x 5	M10
FM109-080H		75	88.9 x 240		25 x 5	M10
FM109-100A		25	114.3 x 165		25 x 5	M10
FM109-100B		38	114.3 x 190		25 x 5	M10
FM109-100C	100nb	50	114.3 x 220	40	25 x 5	M10
FM109-100G		63	114.3 x 240		25 x 5	M10
FM109-100H		75	114.3 x 268		25 x 5	M10
FM109-125A		25	141.3 x 190		25 x 5	M10
FM109-125B		38	141.3 x 220		25 x 5	M10
FM109-125C	125nb	50	141.3 x 240	40	25 x 5	M10
FM109-125G		63	141.3 x 268		40 x 6	M10
FM109-125H		75	141.3 x 300		40 x 6	M10
FM109-150A		25	168.3 x 220		25 x 5	M12
FM109-150B		38	168.3 x 240		25 x 5	M12
FM109-150C	150nb	50	168.3 x 268	40	40 x 6	M12
FM109-150G		63	168.3 x 300		40 x 6	M12
FM109-150H		75	168.3 x 324		40 x 6	M12
FM109-200A		25	219.1 x 275		40 x 6	M12
FM109-200B		38	219.1 x 303		40 x 6	M12
FM109-200C	200nb	50	219.1 x 324	40	40 x 6	M12
FM109-200G		63	219.1 x 355		40 x 6	M12
FM109-200H		75	219.1 x 375		40 x 6	M12

FM110 - NUT CLIPS AND FERRULE FOR COPPER PIPE



FM110 - TIMBER FERRULE
eg: **FM110-015D**

FB110 - FLEXIBLOCK
eg: **FB110-015D**

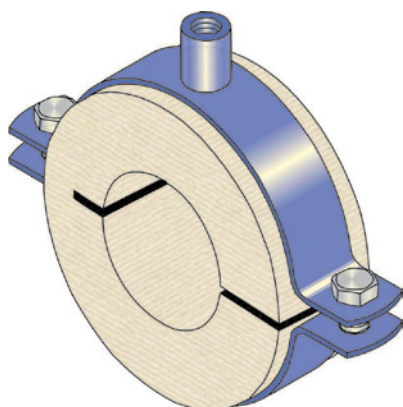
FINISH: ZINC PLATED

STANDARD SIZES SHOWN:
OTHER SIZES AVAILABLE ON REQUEST

13mm 19mm 100mm INSULATION

PART NO.	PIPE DIA.	INS.	FERRULE DIMENSIONS		MATERIAL	NUT
			DIAMETER	WIDTH		
FM110-015D		25	12.7 x 65		20 x 3	M10
FM110-015E	15cu	38	12.7 x 89	40	20 x 3	M10
FM110-015F		50	12.7 x 115		25 x 3	M10
FM110-020D		25	19.1 x 70		20 x 3	M10
FM110-020E	20cu	38	19.1 x 102	40	20 x 3	M10
FM110-020F		50	19.1 x 127		25 x 3	M10
FM110-025D		25	25.4 x 76		20 x 3	M10
FM110-025E	25cu	38	25.4 x 102	40	20 x 3	M10
FM110-025F		50	25.4 x 127		25 x 3	M10
FM110-032D		25	31.8 x 83		20 x 3	M10
FM110-032E	32cu	38	31.8 x 114	40	25 x 3	M10
FM110-032F		50	31.8 x 140		25 x 3	M10
FM110-040D		25	38.1 x 89		20 x 3	M10
FM110-040E	40cu	38	38.1 x 114	40	25 x 3	M10
FM110-040F		50	38.1 x 140		25 x 3	M10
FM110-050D		25	50.8 x 102		20 x 3	M10
FM110-050E		38	50.8 x 127		25 x 3	M10
FM110-050F	50cu	50	50.8 x 152	40	25 x 5	M10
FM110-050J		63	50.8 x 178		25 x 5	M10
FM110-050K		75	50.8 x 203		25 x 5	M10
FM110-065D		25	63.5 x 114		25 x 3	M10
FM110-065E		38	63.5 x 140		25 x 3	M10
FM110-065F	65cu	50	63.5 x 165	40	25 x 5	M10
FM110-065J		63	63.5 x 190		25 x 5	M10
FM110-065K		75	63.5 x 220		25 x 5	M10

FM110 - NUT CLIPS AND FERRULE FOR COPPER PIPE



FM110 - TIMBER FERRULE
eg: **FM110-015A**

FB110 - FLEXIBLOCK
eg: **FB110-015A**

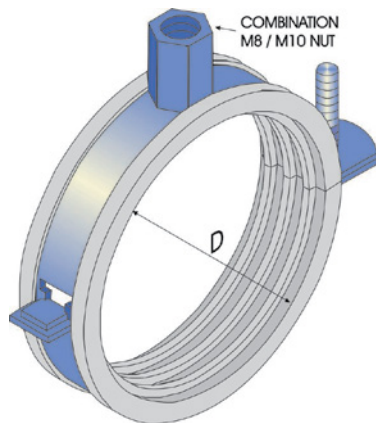
FINISH: ZINC PLATED

STANDARD SIZES SHOWN:
OTHER SIZES AVAILABLE ON REQUEST

13mm 19mm 100mm INSULATION

PART NO.	PIPE DIA.	INS.	FERRULE DIMENSIONS		MATERIAL	NUT
			DIAMETER	WIDTH		
FM110-080D		25	76.2 x 127		25 x 3	M10
FM110-080E		38	76.2 x 152		25 x 5	M10
FM110-080F	80cu	50	76.2 x 178	40	25 x 5	M10
FM110-080J		63	76.2 x 203		25 x 5	M10
FM110-080K		75	76.2 x 228		25 x 5	M10
FM110-100D		25	101.6 x 152		25 x 5	M10
FM110-100E		38	101.6 x 178		25 x 5	M10
FM110-100F	100cu	50	101.6 x 203	40	25 x 5	M10
FM110-100J		63	101.6 x 228		25 x 5	M10
FM110-100K		75	101.6 x 252		25 x 5	M10
FM110-125D		25	127 x 178		25 x 5	M10
FM110-125E		38	127 x 203		25 x 5	M10
FM110-125F	125cu	50	127 x 228	40	25 x 5	M10
FM110-125J		63	127 x 252		25 x 5	M10
FM110-125K		75	127 x 275		40 x 6	M10
FM110-150D		25	152.4 x 203		25 x 5	M12
FM110-150E		38	152.4 x 228		25 x 5	M12
FM110-150F	150cu	50	152.4 x 252	40	25 x 5	M12
FM110-150J		63	152.4 x 275		40 x 6	M12
FM110-150K		75	152.4 x 303		40 x 6	M12
FM110-200D		25	203 x 250		40 x 6	M12
FM110-200E		38	203.2 x 275		40 x 6	M12
FM110-200F	200cu	50	203.2 x 303	40	40 x 6	M12
FM110-200J		63	203.2 x 324		40 x 6	M12
FM110-200K		75	203.2 x 355		40 x 6	M12

ACOUSTIC PIPE CLIPS



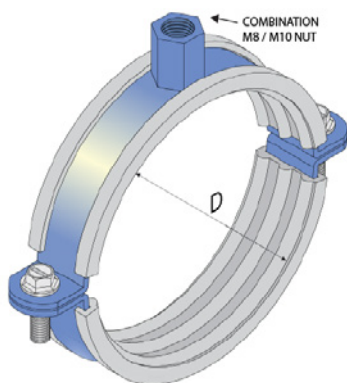
FINISH: ZINC PLATED

RUBBER QUALITY

EPDM (without polymer mix)
Shore hardness 45 5 Shore A (DIN 53505)
Compression set 30% (DIN 53517)
Shore hardness change after aging 10 (DIN 53508)
Resistance ozone cracking (DIN 53509)
Temperature range -50C to +110C (DIN 53513)
Flame test B2, (DIN 4102)

PART NO.	NOMINAL SIZE						BOX QTY
	COPPER PIPE	STEEL PIPE	PRESSURE PVC PIPE	DWV PVC PIPE	HDPE PIPE	PP_R PIPE	
S12-14	15cu						50
S19-21	20cu				20 HDPE		50
S21-23		15nb	15 PRESS				50
S20-25	25cu				25 HDPE	25 mm	50
S26-28		20nb	20 PRESS				25
S28							25
S32-35	32cu	25nb	25 PRESS		32 HDPE	32 mm	25
S38-43							20
S40-43	40cu	32nb	32 PRESS	32 PVC	40 HDPE	40 mm	25
S44-49		40nb	40 PRESS		50 HDPE		20
S50-56	50cu					50 mm	20
S57-62		50nb	50 PRESS	50 PVC			20
S63-67	65cu				65 HDPE	63 mm	20
S67-70				65 PVC			20
S74-80	80cu	65nb	65 PRESS		80 HDPE	75 mm	25
S83-91		80nb	80 PRESS	80 PVC	90 HDPE	90 mm	20
S101-106	100cu						20
S108-114		100nb	100 PRESS	100 PVC	100 HDPE	110 mm	10
S125	125cu				125 HDPE	125 mm	10
S140-144		125nb	125 PRESS				20
S152	150cu						10
S159-163			150 PRESS	150 PVC	160 HDPE	160 mm	10
S165-169		150nb					10

DOUBLE BOLTED ACOUSTIC PIPE CLIPS



SPACERS AVAILABLE FOR WHEN A SLIDING PIPE IS REQUIRED

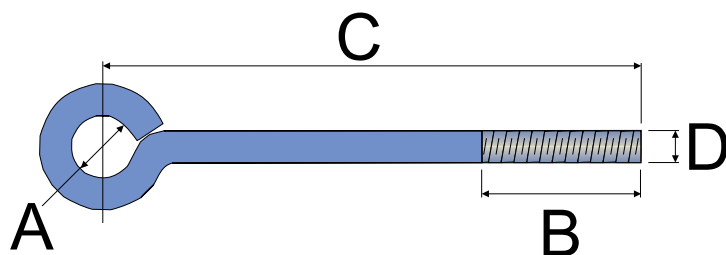
FINISH: ZINC PLATED

RUBBER QUALITY

EPDM (without polymer mix)
Shore hardness 45 5 Shore A (DIN 53505)
Compression set 30% (DIN 53517)
Shore hardness change after aging 10 (DIN 53508)
Resistance ozone cracking (DIN 53509)
Temperature range -50C to +110C (DIN 53513)
Flame test B2, (DIN 4102)

PART NO.	NOMINAL SIZE						BOX QTY
	COPPER PIPE	STEEL PIPE	PRESSURE PVC PIPE	DWV PVC PIPE	HDPE PIPE	PP_R PIPE	
SDB11-15	15cu						50
SDB15-19	20cu						50
SDB20-25	25cu				20 HDPE	25 mm	50
SDB26-30		20nb	20 PRESS		25 HDPE		25
SDB32-36	32cu	25nb	25 PRESS		32 HDPE	32 mm	25
SDB38-43	40cu	32nb	32 PRESS	32/40 PVC	40 HDPE	40 mm	25
SDB47-51	50cu				50 HDPE	50 mm	20
SDB53-58					56 HDPE		20
SDB60-64	65cu	50nb	50 PRESS	50 PVC	63 HDPE	63 mm	20
SDB68-73		65nb	65 PRESS	65 PVC			20
SDB75-80	80cu				75 HDPE	75 mm	25
SDB81-86				80 PVC			25
SDB87-92		80nb	80 PRESS		90 HDPE	90 mm	25
SDB99-105	100cu						20
SDB108-116		100nb	100 PRESS	100 PVC	110 HDPE	110 mm	10
SDB125-130	125cu				125 HDPE	125 mm	20
SDB138-142		125nb	125 PRESS				20
SDB148-152	150cu						10
SDB159-165			150 PRESS	150 PVC	160 HDPE	160 mm	10
SDB200-212	200cu				200 HDPE		10
SDB248-252				225 PVC	250 HDPE		10

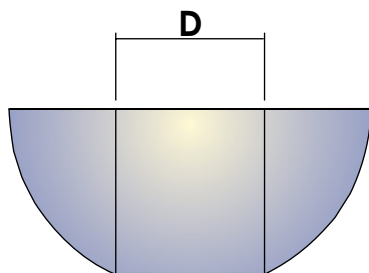
FM151 - EYEBOLT



PART NO.	FINISH
FM151	HDG, PAINTED & PLAIN

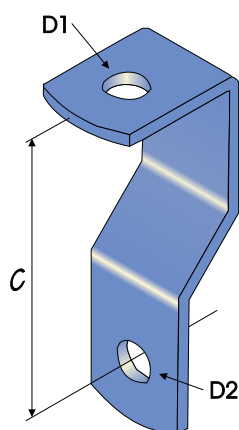
ALL DIMENSIONS MADE TO ORDER.

FM152 - SPHERICAL WASHER



PART NO.	D	BOX QTY	FINISH
FM152-M10	11Ø	500	HDG
FM152-M12	14Ø	100	
FM152-M16	18Ø	100	
FM152-M20	22Ø	50	
FM152-M24	26Ø	25	
FM152-M30	32Ø	1	
FM152-M36	38Ø	1	

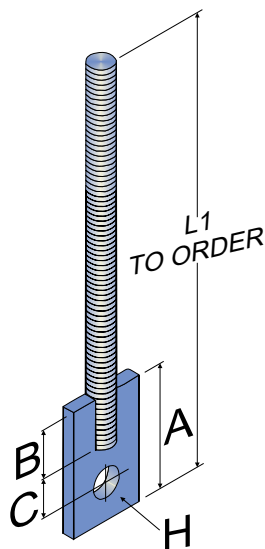
FM153 - HANGER CLEVIS



PART NO.	C	D1	D2	W x T	BOX QTY	FINISH
FM153-M10LD	70	11Ø	11Ø	25 x 3	100	ZINC
FM153-M10	70	11Ø	11Ø	25 x 5	50	HDG
FM153-M12	75	14Ø	14Ø	40 x 6	25	
FM153-M16	75	18Ø	18Ø	50 x 6	25	
FM153-M20	123	22Ø	22Ø	75 x 10	10	
FM153-M24	128	26Ø	26Ø	75 x 10	5	

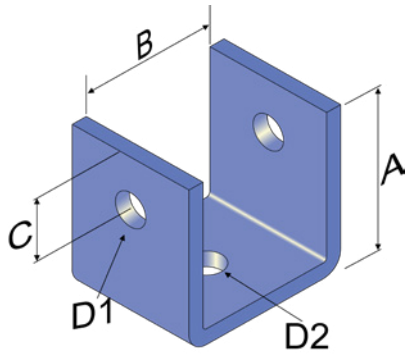
NOTE: FM153-M24 COMES WITH A GUSSET

FM154 - BLADE END HANGER



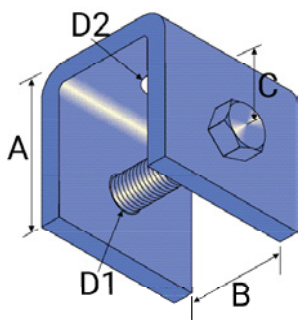
PART NO.	ROD DIA.	A	B	C	H	MATERIAL	FINISH
FM154-M10	M10	55	15	25	11Ø	25 x 5	HDG, PLAIN & 316 SS
FM154-M12	M12	74	22	32	14Ø	40 x 6	
FM154-M16	M16	82	25	32	18Ø	75 x 10	
FM154-M20	M20	97	32	35	22Ø	90 x 12	
FM154-M24	M24	115	35	40	26Ø	90 x 12	

FM180 - WELDED BEAM HANGER



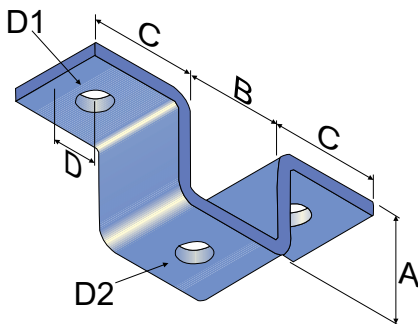
PART NO.	A	B	C	D1	D2	MATERIAL	FINISH
FM180-M10	75	35	20	14Ø	11Ø	50 x 10	PLAIN
FM180-M12	75	35	20	14Ø	14Ø	50 x 10	
FM180-M16	75	50	30	18Ø	18Ø	75 x 10	
FM180-M20	90	50	30	22Ø	22Ø	75 x 10	
FM180-M24	125	61	40	26Ø	26Ø	100 x 12	

FM181 - WELDED BEAM HANGER



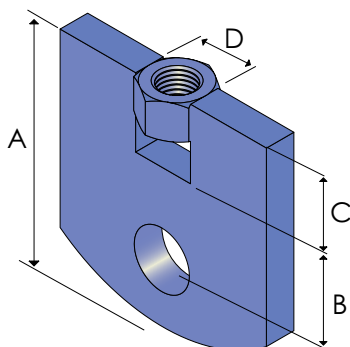
PART NO.	A	B	C	D1	D2	MATERIAL	FINISH
FM181-M10	75	35	20	14Ø	11Ø	50 x 10	PLAIN
FM181-M12	75	35	20	14Ø	14Ø	50 x 10	
FM181-M16	75	50	30	18Ø	18Ø	75 x 10	
FM181-M20	90	50	30	22Ø	22Ø	75 x 10	
FM181-M24	125	61	40	26Ø	26Ø	100 x 12	

FM182 - HANGER STIRRUP



PART NO.	A	B	C	D	D1	D2	MATERIAL	FINISH
FM182-M10	60	45	35	15	11Ø	11Ø	32 x 5	HDG
FM182-M12	65	45	45	20	14Ø	14Ø	40 x 6	
FM182-M16	90	45	45	20	14Ø	18Ø	40 x 6	
FM182-M20	100	65	65	25	18Ø	22Ø	50 x 10	
FM182-M24	100	65	70	30	22Ø	26Ø	65 x 10	

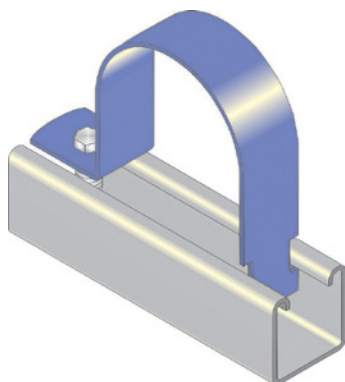
FM35 - EYE NUT



PART NO.	A	B	C	D	HOLE DIA	NUT	MATERIAL	FINISH
FM35-12-M10	70	29	20	15	14Ø	M10	40 x 5	HDG
FM35-16-M12	75	30	25	19	18Ø	M12	75 x 10	
FM35-20-M16	95	35	30	25	22Ø	M16	75 x 10	
FM35-24-M20	100	35	35	30	26Ø	M20	75 x 10	
FM35-30-M24	102	37	35	35	32Ø	M24	75 x 16	
FM35-36-M30	140	40	60	47	38Ø	M30	130 x 20	
FM35-42-M36	140	40	60	56	42Ø	M36	130 x 20	

STANDARD FINISH ONLY:
OTHER FINISHES AVAILABLE ON REQUEST

FM138 - ONE-PIECE CHANNEL CLIP



FM138 ONE PIECE CHANNEL CLIP FOR STEEL PIPE			
PART NO.	PIPE SIZE	HOLE DIA.	BOX QTY
FM138-021	15nb	7Ø	50
FM138-027	20nb	7Ø	50
FM138-034	25nb	7Ø	50
FM138-043	32nb	7Ø	50
FM138-048	40nb	9Ø	25
FM138-060	50nb	9Ø	25
FM138-073	65nb	9Ø	20
FM138-089	80nb	9Ø	20
FM138-115	100nb	9Ø	20
FM138-140	125nb	9Ø	20
FM138-168	150nb	9Ø	20

FINISH:
ZINC PLATED
HDG ON REQUEST

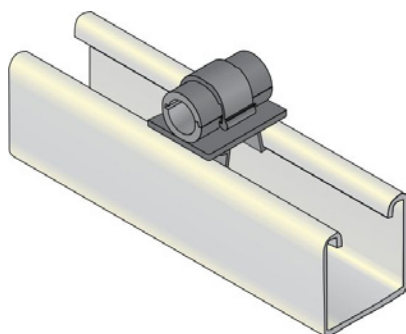
NOTE:
BOLT & CHANNEL NUT
SUPPLIED SEPARATELY
FOR FM138 & FM139

FM139 ONE PIECE CHANNEL CLIP FOR COPPER PIPE			
PART NO.	PIPE SIZE	HOLE DIA.	BOX QTY
FM139-015	15cu	7Ø	100
FM139-020	20cu	7Ø	100
FM139-025	25cu	7Ø	100
FM139-032	32cu	7Ø	50
FM139-038	40cu	9Ø	50
FM139-051	50cu	9Ø	25
FM139-064	65cu	9Ø	25
FM139-076	80cu	9Ø	25
FM139-102	100cu	9Ø	25
FM139-127	125cu	9Ø	25
FM139-152	150cu	9Ø	25

FINISH:
POLY
BROWN

NOTE:
FM139 IS SUPPLIED
WITH FM133A UNLESS
REQUESTED OTHERWISE

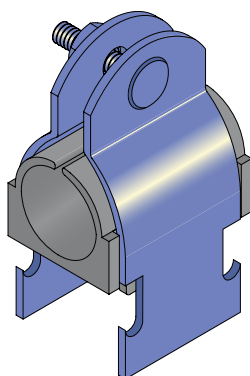
FM132FC - FAST CLIP



PART NO.	PIPE SIZE	BOX QTY	FINISH
FM132FC-3/8	3/8"	100	EPDM
FM132FC-1/2	1/2"	100	
FM132FC-5/8	5/8"	50	
FM132FC-3/4	3/4"	50	
FM132FC-7/8	7/8"	50	
FM132FC-1 1/8	1 1/8"	50	

NON METALLIC EASY INSTALLATION OF REFRIGERATION PIPE SYSTEM.
SUITABLE FOR ALL FLEXISTRUT CHANNELS.

FM132R - TWO-PIECE CHANNEL CLIP FOR REFRIGERATION PIPE

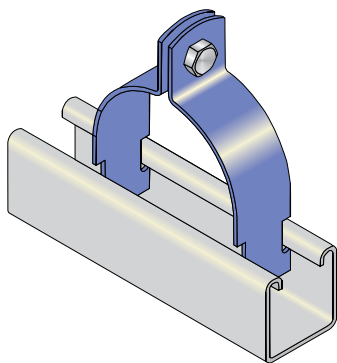


FEATURES:

1. Suitable for refrigeration pipework.
2. Plastic inserts are designed to withstand temperatures between -30C to 125C
3. Self locking nut
4. Insulates against heat loss and reduces vibration

PART NO.	PIPE SIZE		BOX QTY	FINISH
	IMPERIAL	METRIC		
FM132R-1/4	1/4"	6.35 mm	50	ZINC PLATED (Clamp) + EDPM (Insert)
FM132R-3/8	3/8"	9.53 mm	50	
FM132R-1/2	1/2"	12.7 mm	50	
FM132R-5/8	5/8"	15.88 mm	50	
FM132R-3/4	3/4"	19.05 mm	25	
FM132R-7/8	7/8"	22.23 mm	25	
FM132R-1	1"	25.40 mm	25	
FM132R-1 1/8	1 1/8"	28.56 mm	25	
FM132R-1 1/4	1 1/4"	31.75 mm	25	
FM132R-1 3/8	1 3/8"	34.93 mm	25	
FM132R-1 5/8	1 5/8"	41.28 mm	20	
FM132R-1 7/8	1 7/8"	47.63 mm	25	
FM132R-2 1/8	2 1/8"	53.98 mm	25	
FM132R-2 5/8	2 5/8"	66.68 mm	20	
FM132R-3 1/8	3 1/8"	79.38 mm	10	
FM132R-4 1/8	4 1/8"	104.78 mm	10	

FM132 - TWO PIECE CHANNEL CLIP

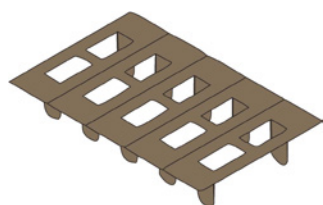
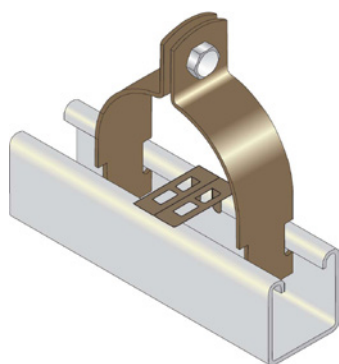


FINISH: ZINC, HDG
& STAINLESS STEEL
(OTHER FINISHES AVAILABLE ON REQUEST)

STANDARD SIZES SHOWN:
OTHER SIZES AVAILABLE ON REQUEST

PART NO.	PIPE DIA	MATERIAL	BOX QTY	PART NO.	PIPE DIA	MATERIAL	BOX QTY
FM132-008	8cu	32 x 1.6	200	FM132-098	98ns	32 x 2.5	50
FM132-010	10cu	32 x 1.6	200	FM132-102	102cu	32 x 2.5	25
FM132-013	15cu	32 x 1.6	100	FM132-105	105ns	32 x 2.5	25
FM132-014	14ns	32 x 1.6	100	FM132-108	108ns	32 x 2.5	25
FM132-017	17ns	32 x 1.6	100	FM132-110	110ns	32 x 2.5	25
FM132-020	20cu	32 x 1.6	100	FM132-115	100nb	32 x 2.5	25
FM132-021	15nb	32 x 1.6	100	FM132-117	117ns	32 x 2.5	25
FM132-025	25cu	32 x 1.6	100	FM132-121	121ns	32 x 2.5	25
FM132-027	20nb	32 x 1.6	100	FM132-127	125cu	32 x 2.5	25
FM132-029	29ns	32 x 2.0	100	FM132-133	133ns	32 x 2.5	25
FM132-032	32cu	32 x 2.0	100	FM132-140	125nb	32 x 2.5	25
FM132-034	25nb	32 x 2.0	100	FM132-146	146ns	32 x 2.5	25
FM132-038	40cu	32 x 2.0	100	FM132-152	152cu	32 x 2.5	25
FM132-043	32nb	32 x 2.0	100	FM132-159	159ns	32 x 2.5	25
FM132-048	40nb	32 x 2.0	100	FM132-165	150nb	32 x 2.5	25
FM132-051	50cu	32 x 2.5	50	FM132-168	150nb	32 x 2.5	25
FM132-054	54ns	32 x 2.5	50	FM132-171	171ns	32 x 2.5	25
FM132-057	57ns	32 x 2.5	50	FM132-178	178ns	32 x 2.5	25
FM132-060	50nb	32 x 2.5	50	FM132-190	190ns	32 x 2.5	25
FM132-064	65cu	32 x 2.5	50	FM132-203	200cu	32 x 2.5	20
FM132-067	67ns	32 x 2.5	50	FM132-220	200nb	32 x 2.5	20
FM132-070	70ns	32 x 2.5	50	FM132-228	228ns	32 x 2.5	20
FM132-073	65nb	32 x 2.5	50	FM132-240	240ns	32 x 2.5	20
FM132-076	65nb/80cu	32 x 2.5	50	FM132-252	252cu	32 x 2.5	20
FM132-079	79ns	32 x 2.5	50	FM132-268	268ns	32 x 2.5	20
FM132-083	83ns	32 x 2.5	50	FM132-275	250nb	32 x 2.5	20
FM132-086	86ns	32 x 2.5	50	FM132-302	300cu	32 x 2.5	20
FM132-089	80nb	32 x 2.5	50	FM132-315	315ns	32 x 2.5	20
FM132-092	92ns	32 x 2.5	50	FM132-324	300nb	32 x 2.5	20
FM132-095	95ns	32 x 2.5	50				

FM133 - TWO PIECE CHANNEL CLIP FOR COPPER PIPE



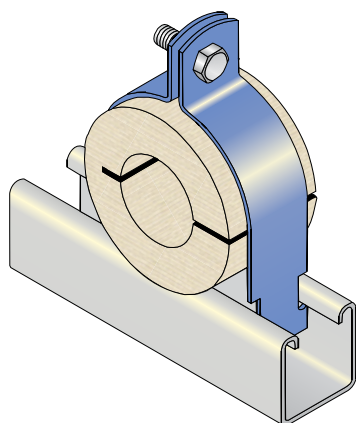
FM133A

PART NO.	PIPE SIZE	BOX QTY	FINISH
FM133-015	15cu	100	POLY BROWN
FM133-020	20cu	100	
FM133-025	25cu	100	
FM133-032	32cu	100	
FM133-038	40cu	100	
FM133-051	50cu	25	
FM133-064	65cu	25	
FM133-076	80cu	25	
FM133-102	100cu	25	
FM133-127	125cu	25	
FM133-152	150cu	20	
FM133-203	200cu	25	
FM133-252	250cu	25	
FM133-302	300cu	20	

Continuous "Snap Off" strip used in conjunction with FM133 two piece clip - Prevents contact between copper pipe and galvanized channel.

NOTE: FM133 INCLUDES FM133A UNLESS REQUESTED OTHERWISE.

FM134 - TWO-PIECE CHANNEL CLIP AND TIMBER FERRULE FOR STEEL PIPE



FM134 - TIMBER FERRULE
eg: **FM134-015A**

FB134 - FLEXIBLOCK
eg: **FB134-015A**

FINISH: ZINC PLATED

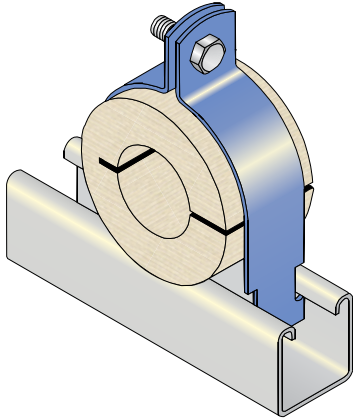
STANDARD SIZES SHOWN

OTHER INSULATION SIZES
AVAILABLE ON REQUEST
13mm 19mm 63mm 75mm 100mm

PART NO.	PIPE DIA.	INS.	FERRULE DIMENSIONS	
			DIAMETER	WIDTH
FM134-015A		25	21.3 x 76	
FM134-015B	15nb	38	21.3 x 102	40
FM134-015C		50	21.3 x 127	
FM134-020A		25	26.7 x 76	
FM134-020B	20nb	38	26.7 x 102	40
FM134-020C		50	26.7 x 127	
FM134-025A		25	33.4 x 83	
FM134-025B	25nb	38	33.4 x 115	40
FM134-025C		50	33.4 x 140	
FM134-032A		25	42.2 x 89	
FM134-032B	32nb	38	42.2 x 115	40
FM134-032C		50	42.2 x 140	
FM134-040A		25	48.3 x 102	
FM134-040B	40nb	38	48.3 x 127	40
FM134-040C		50	48.3 x 152	
FM134-050A		25	60.3 x 115	
FM134-050B		38	60.3 x 140	
FM134-050C	50nb	50	60.3 x 165	40
FM134-050G		63	60.3 x 190	
FM134-050H		75	60.3 x 203	
FM134-065A		25	73 x 127	
FM134-065B		38	73 x 152	
FM134-065C	65nb	50	73 x 178	40
FM134-065G		63	73 x 203	
FM134-065H		75	73 x 228	

PART NO.	PIPE DIA.	INS.	FERRULE DIMENSIONS	
			DIAMETER	WIDTH
FM134-080A		25	88.9 x 140	
FM134-080B		38	88.9 x 165	
FM134-080C	80nb	50	88.9 x 190	40
FM134-080G		63	88.9 x 220	
FM134-080H		75	88.9 x 240	
FM134-100A		25	114.3 x 165	
FM134-100B		38	114.3 x 190	
FM134-100C	100nb	50	114.3 x 220	40
FM134-100G		63	114.3 x 240	
FM134-100H		75	114.3 x 268	
FM134-125A		25	141.3 x 190	
FM134-125B		38	141.3 x 220	
FM134-125C	125nb	50	141.3 x 240	40
FM134-125G		63	141.3 x 268	
FM134-125H		75	141.3 x 300	
FM134-150A		25	168.3 x 220	
FM134-150B		38	168.3 x 240	
FM134-150C	150nb	50	168.3 x 268	40
FM134-150G		63	168.3 x 300	
FM134-150H		75	168.3 x 324	
FM134-200A		25	219.1 x 275	
FM134-200B		38	219.1 x 303	
FM134-200C	200nb	50	219.1 x 324	40
FM134-200G		63	219.1 x 355	
FM134-200H		75	219.1 x 375	

FM135 - TWO-PIECE CHANNEL CLIP AND TIMBER FERRULE FOR COPPER PIPE



FM135 - TIMBER FERRULE
eg: **FM135-015D**

FB135 - FLEXIBLOCK
eg: **FB135-015D**

FINISH: ZINC PLATED

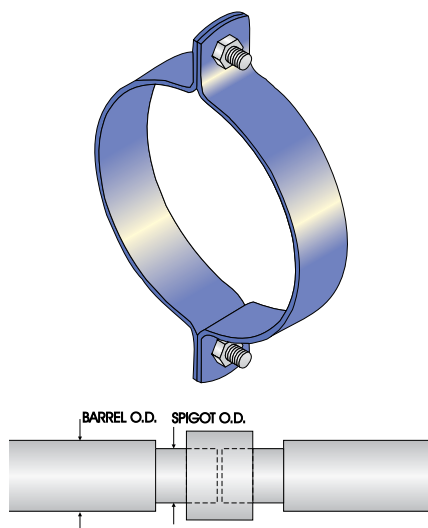
STANDARD SIZES ONLY

OTHER INSULATION SIZES
AVAILABLE ON REQUEST
13mm 19mm 63mm 75mm 100mm

PART NO.	PIPE DIA	INS.	FERRULE DIMENSIONS	
			DIAMETER	WIDTH
FM135-015D		25	12.7 x 65	
FM135-015E	15cu	38	12.7 x 89	40
FM135-015F		50	12.7 x 115	
FM135-020D		25	19.1 x 70	
FM135-020E	20cu	38	19.1 x 102	40
FM135-020F		50	19.1 x 127	
FM135-025D		25	25.4 x 76	
FM135-025E	25cu	38	25.4 x 102	40
FM135-025F		50	25.4 x 127	
FM135-032D		25	31.8 x 83	
FM135-032E	32cu	38	31.8 x 114	40
FM135-032F		50	31.8 x 140	
FM135-040D		25	38.1 x 89	
FM135-040E	40cu	38	38.1 x 114	40
FM135-040F		50	38.1 x 140	
FM135-050D		25	50.8 x 102	
FM135-050E		38	50.8 x 127	
FM135-050F	50cu	50	50.8 x 152	40
FM135-050J		63	50.8 x 178	
FM135-050K		75	50.8 x 203	
FM135-065D		25	65 x 115	
FM135-065E		38	63.5 x 140	
FM135-065F	65cu	50	63.5 x 165	40
FM135-065J		63	63.5 x 190	
FM135-065K		75	63.5 x 220	

PART NO.	PIPE DIA	INS.	FERRULE DIMENSIONS	
			DIAMETER	WIDTH
FM135-080D		25	76.2 x 127	
FM135-080E		38	76.2 x 152	
FM135-080F	80cu	50	76.2 x 178	40
FM135-080J		63	76.2 x 203	
FM135-080K		75	76.2 x 228	
FM135-100D		25	101.6 x 152	
FM135-100E		38	101.6 x 178	
FM135-100F	100cu	50	101.6 x 203	40
FM135-100J		63	101.6 x 228	
FM135-100K		75	101.6 x 252	
FM135-125D		25	127 x 178	
FM135-125E		38	127 x 203	
FM135-125F	125cu	50	127 x 228	40
FM135-125J		63	127 x 252	
FM135-125K		75	127 x 275	
FM135-150D		25	152.4 x 203	
FM135-150E		38	152.4 x 228	
FM135-150F	150cu	50	152.4 x 252	40
FM135-150J		63	152.4 x 275	
FM135-150K		75	152.4 x 303	
FM135-200D		25	203.2 x 252	
FM135-200E		38	203.2 x 275	
FM135-200F	200cu	50	203.2 x 303	40
FM135-200J		63	203.2 x 324	
FM135-200K		75	203.2 x 355	

FM119 - STANDARD BOLTED CLAMP FOR F.R.C



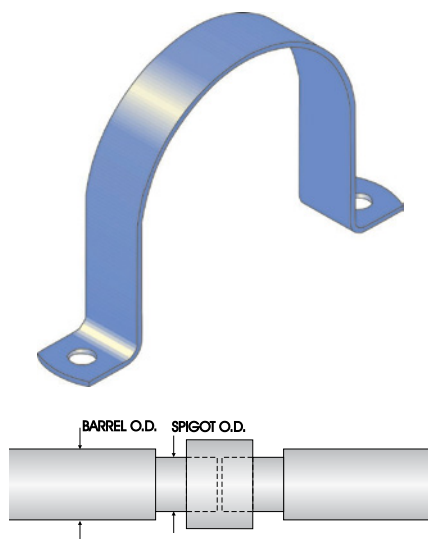
STANDARD SIZES ONLY:
OTHER SIZES AVAILABLE ON REQUEST.

**SIZES BASED ON FIBRE
REINFORCED CEMENT PIPE CLASS 2.**

CONFIRM PIPE O.D BEFORE PLACING ORDER.

PART NO.	PIPE SIZE	BARREL O.D	SPIGOT O.D	BOLT	MATERIAL	FINISH
FM119-257	225nb	-	257	M12 x 45	40 x 6	HDG
FM119-269	225nb	269	-	M12 x 45	40 x 6	
FM119-336	300nb	-	336	M12 x 45	40 x 6	
FM119-346	300nb	346	-	M12 x 45	40 x 6	
FM119-415	375nb	-	415	M16 x 50	50 x 6	
FM119-427	375nb	427	-	M16 x 50	50 x 10	
FM119-504	450nb	-	504	M20 x 75	50 x 10	
FM119-512	450nb	512	-	M20 x 75	50 x 10	
FM119-584	525nb	-	584	M20 x 75	75 x 10	
FM119-594	525nb	594	-	M20 x 75	75 x 10	
FM119-664	600nb	-	664	M24 x 90	75 x 12	
FM119-680	600nb	680	-	M24 x 90	75 x 12	
FM119-733	675nb	-	733	M24 x 90	75 x 16	
FM119-752	675nb	752	-	M24 x 90	75 x 16	
FM119-783	750nb	-	783	M24 x 90	75 x 16	
FM119-802	750nb	802	-	M24 x 90	75 x 16	

FM118 - STANDARD SADDLE CLAMP FOR F.R.C



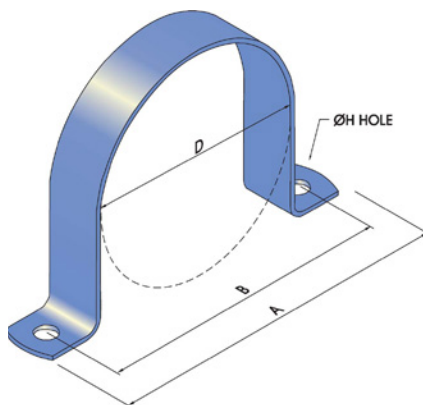
STANDARD SIZES ONLY:
OTHER SIZES AVAILABLE ON REQUEST.

**SIZES BASED ON FIBRE
REINFORCED CEMENT PIPE CLASS 2.**

CONFIRM PIPE O.D BEFORE PLACING ORDER.

PART NO.	PIPE SIZE	BARREL O.D	SPIGOT O.D	HOLE DIA.	MATERIAL	FINISH
FM118-257	225nb	-	257	14Ø	40 x 6	HDG
FM118-269	225nb	269	-	14Ø	40 x 6	
FM118-336	300nb	-	336	14Ø	40 x 6	
FM118-346	300nb	346	-	14Ø	40 x 6	
FM118-414	375nb	-	414	18Ø	50 x 6	
FM118-427	375nb	427	-	18Ø	50 x 6	
FM118-504	450nb	-	504	18Ø	50 x 10	
FM118-512	450nb	512	-	18Ø	50 x 10	
FM118-584	525nb	-	584	22Ø	75 x 10	
FM118-594	525nb	594	-	22Ø	75 x 10	
FM118-665	600nb	-	665	22Ø	75 x 12	
FM118-680	600nb	680	-	22Ø	75 x 12	
FM118-733	675nb	-	733	22Ø	75 x 12	
FM118-752	675nb	752	-	22Ø	75 x 12	
FM118-783	750nb	-	783	22Ø	75 x 12	
FM118-802	750nb	802	-	22Ø	75 x 12	

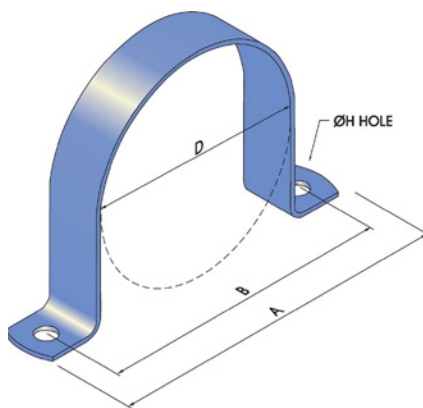
FM4 - LIGHT DUTY SADDLE CLAMP FOR STEEL PIPE



STANDARD SIZES SHOWN:
OTHER SIZES AVAILABLE ON REQUEST

PART NO.	PIPE DIA	D	A	B	H	MATERIAL	BOX QTY	FINISH
FM4-021	15nb	21	85	61	90	25 x 3	100	HDG & PLAIN
FM4-027	20nb	27	91	67	90	25 x 3	50	
FM4-034	25nb	34	98	74	90	25 x 3	50	
FM4-043	32nb	43	107	83	90	25 x 3	50	
FM4-048	40nb	48	112	88	90	25 x 3	50	
FM4-060	50nb	60	124	100	90	25 x 3	50	
FM4-076	65nb	76	140	116	90	25 x 3	25	
FM4-089	80nb	89	153	129	90	25 x 3	20	
FM4-115	100nb	115	178	154	90	25 x 3	25	
FM4-140	125nb	140	204	180	90	25 x 3	25	
FM4-168	150nb	168	280	240	140	25 x 3	20	

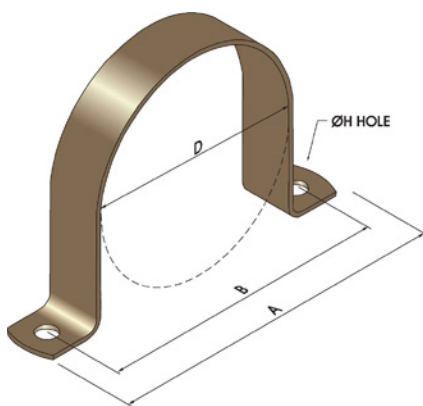
FM125 - STANDARD SADDLE CLAMP FOR STEEL PIPE



STANDARD SIZES SHOWN:
OTHER SIZES AVAILABLE ON REQUEST

PART NO.	PIPE DIA	D	A	B	H	MATERIAL	FINISH
FM125-273	250nb	273	405	345	180	50 x 6	HDG & PLAIN
FM125-324	300nb	324	484	424	220	50 x 10	
FM125-355	350nb	355	515	455	220	65 x 10	
FM125-408	400nb	408	568	508	260	75 x 10	
FM125-457	450nb	457	607	547	260	75 x 12	

FM126 - STANDARD SADDLE CLAMP FOR COPPER PIPE

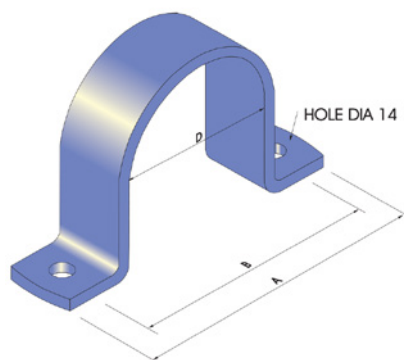


STANDARD SIZES SHOWN:
OTHER SIZES AVAILABLE ON REQUEST

NOTE: USE FM133A BARRIER STRIP
WHEN BOLTED TO FLEXISTRUT CHANNEL

PART NO.	PIPE DIA	D	A	B	H	MATERIAL	BOX QTY	FINISH
FM126-015	15cu	12.7	78	48	90	25 x 3	100	POLY BROWN
FM126-020	20cu	20	83	59	90	25 x 3	100	
FM126-025	25cu	25	89	65	90	25 x 3	50	
FM126-032	32cu	32	96	72	90	25 x 3	50	
FM126-038	40cu	38	102	78	90	25 x 3	50	
FM126-051	50cu	51	115	91	90	25 x 3	50	
FM126-064	65cu	64	128	104	90	25 x 3	50	
FM126-076	80cu	76	140	116	90	25 x 3	1	
FM126-102	100cu	102	166	142	90	25 x 3	1	
FM126-127	125cu	127	191	167	90	25 x 3	1	
FM126-152	150cu	152	248	208	140	40 x 6	1	
FM126-203	200cu	204	299	259	140	40 x 6	1	

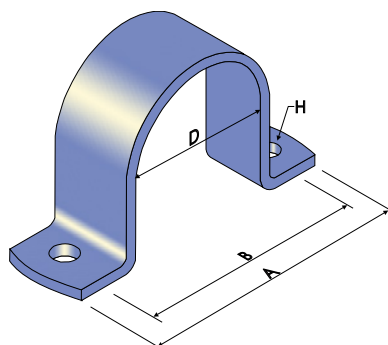
FM15 - MEDIUM DUTY SADDLES



STANDARD FINISHES ONLY:
OTHER FINISHES AVAILABLE ON REQUEST

PART NO.	PIPE DIA	D	A	B	MATERIAL	BOX QTY	FINISH
FM15-021	15nb	21	115	75	40 x 5	50	HDG & 316 SS
FM15-025	25cu	25	119	79	40 x 5	25	
FM15-027	20nb	27	121	81	40 x 5	25	
FM15-032	32cu	32	126	86	40 x 5	25	
FM15-034	25nb	34	128	88	40 x 5	25	
FM15-038	40cu	38	132	92	40 x 5	20	
FM15-043	32nb	43	137	97	40 x 5	20	
FM15-048	40nb	48	142	102	40 x 5	20	
FM15-051	50cu	51	145	105	40 x 5	20	
FM15-060	50nb	60	154	114	40 x 5	10	
FM15-064	65cu	64	158	118	40 x 5	10	
FM15-073	65nb	73	167	127	40 x 5	10	
FM15-076	80cu	76	170	130	40 x 5	5	
FM15-089	80nb	89	183	143	40 x 5	5	
FM15-102	102cu	102	196	156	40 x 5	5	
FM15-110	110ns	110	204	164	40 x 5	5	
FM15-115	100nb	115	210	170	40 x 6	5	
FM15-127	127cu	127	223	183	40 x 6	5	
FM15-140	125nb	140	236	196	40 x 6	5	
FM15-152	152cu	152	248	208	40 x 6	5	
FM15-165	150nb	165	261	221	40 x 6	5	
FM15-168	150nb	168	261	224	40 x 6	5	
FM15-203	200cu	203	299	259	40 x 6	5	
FM15-220	200nb	220	315	275	40 x 6	5	
FM15-252	252ns	252	346	308	40 x 6	5	
FM15-273	250nb	275	370	330	40 x 6	5	
FM15-300	300ns	300	395	355	40 x 6	5	
FM15-304	305ns	305	400	360	40 x 6	5	
FM15-315	315ns	315	410	370	40 x 6	5	
FM15-324	300nb	324	419	379	40 x 6	5	
FM15-355	350nb	355	450	410	40 x 6	5	
FM15-400	400ns	400	495	455	40 x 6	5	
FM15-406	400nb	406	501	461	40 x 6	5	

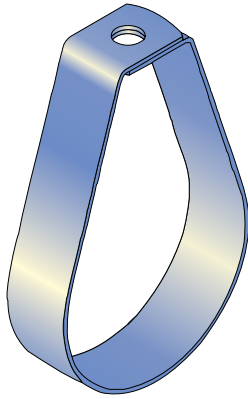
FM30 - HEAVY DUTY SADDLE CLAMP



STANDARD FINISHES ONLY:
OTHER FINISHES AVAILABLE ON REQUEST

PART NO.	PIPE DIA.	A	B	D	H	HOLE DIA.	MATERIAL	FINISH
FM30-168	150nb	324	260	168	22	22Ø	75 x 10	HDG
FM30-219	200nb	375	310	219	22	22Ø	75 x 10	
FM30-273	250nb	428	364	273	22	22Ø	75 x 10	
FM30-324	300nb	479	415	324	22	22Ø	75 x 10	
FM30-356	350nb	511	447	356	22	22Ø	75 x 10	
FM30-406	400nb	581	497	406	26	26Ø	90 x 12	
FM30-457	450nb	632	548	457	26	26Ø	90 x 12	
FM30-508	500nb	683	600	508	26	26Ø	90 x 12	

EF500 - PEAR BAND FOR STEEL PIPE



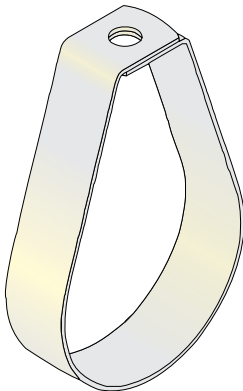
PART NO.	PIPE DIA.	MATERIAL	SUIT ROD	BOX QTY	FINISH
EF500-027	20nb	25 x 1.6	M10	100	GALVABOND, HDG & 316 SS
EF500-034	25nb	25 x 1.6	M10	100	
EF500-043	32nb	25 x 1.6	M10	100	
EF500-048	40nb	25 x 1.6	M10	100	
EF500-060	50nb	25 x 1.6	M10	100	
EF500-076	65nb	32 x 2	M12	50	
EF500-089	80nb	32 x 2	M12	50	
EF500-115	100nb	32 x 2	M12	20	
EF500-140	125nb	40 x 3	M12	20	
EF500-168	150nb	40 x 3	M12	20	
EF500-220	200nb	40 x 3	M16	1	

EC500 - PEAR BAND FOR COPPER PIPE



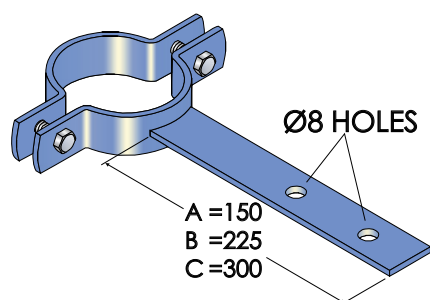
PART NO.	PIPE DIA.	MATERIAL	SUIT ROD	BOX QTY	FINISH
EC500-032	32cu	25 x 1.6	M10	100	POLY BROWN
EC500-038	40cu	25 x 1.6	M10	100	
EC500-051	50cu	25 x 1.6	M10	100	
EC500-064	65cu	32 x 2	M10	50	
EC500-076	80cu	32 x 2	M10	50	
EC500-102	100cu	32 x 2	M10	20	
EC500-127	125cu	32 x 2	M12	20	
EC500-152	150cu	40 x 3	M12	20	

EP500 - PEAR BAND FOR PVC PIPE



PART NO.	PIPE DIA.	MATERIAL	SUIT ROD	BOX QTY	FINISH
EP500-038	32 PVC	25 x 1.6	M10	100	POLY WHITE
EP500-043	40 DWV	25 x 1.6	M10	100	
EP500-048	40 PRESSURE	25 x 1.6	M10	100	
EP500-060	50 PVC	25 x 1.6	M10	100	
EP500-076	65 PVC	32 x 2	M10	50	
EP500-089	80 PVC	32 x 2	M10	50	
EP500-115	100 PVC	32 x 2	M10	20	
EP500-140	125 PVC	32 x 2.5	M12	20	
EP500-165	150 PVC	32 x 2.5	M12	20	

300 SERIES SHANK CLIP



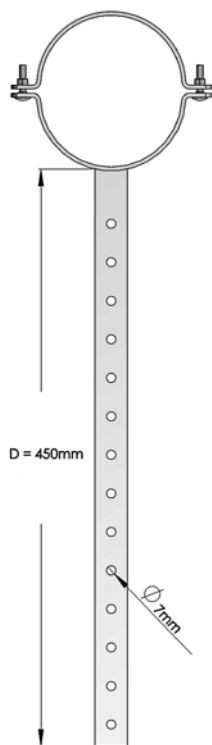
ORDER EXAMPLE:

EC300-051B DENOTES 50cu + 225mm SHANK

SHANK MATERIAL: 25 mm x 3 mm

NOM. SIZE	PART NUMBERS			
	COPPER	STEEL	DWV P.V.C.	PRESS P.V.C.
15	EC300-015	ES300-021		EH300-021
20	EC300-020	ES300-027		EH300-027
25	EC300-025	ES300-034		EH300-034
32	EC300-032	ES300-043	EP300-038	EH300-043
40	EC300-038	ES300-048	EP300-043	EH300-048
50	EC300-051	ES300-060	EP300-060	EH300-060
65	EC300-064	ES300-076	EP300-076	EH300-076
80	EC300-076	ES300-089	EP300-083	EH300-089
100	EC300-102	ES300-115	EP300-115	EH300-115
125	EC300-127	ES300-140	EP300-140	EH300-140
150	EC300-152	ES300-165	EP300-165	EH300-165
FINISH	POLY BROWN	HDG	POLY WHITE	POLY WHITE

300 SERIES FLEXIBLE SHANK CLIP

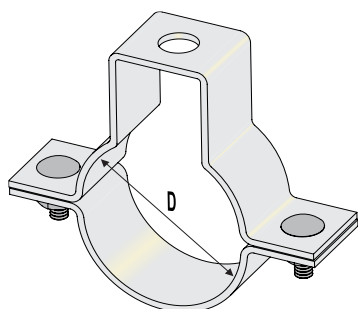


PART NO	PIPE SIZE	LENGTH	FINISH
EPF300-038D	32 PVC	450	POLY WHITE
EPF300-043D	40 PVC	450	
EPF300-076D	65 PVC	450	
EPF300-083D	80 PVC	450	
EPF300-115D	100 PVC	450	
EPF300-140D	125 PVC	450	
EPF300-165D	150 PVC	450	

SHANK MATERIAL: 25 mm x 1.2 mm

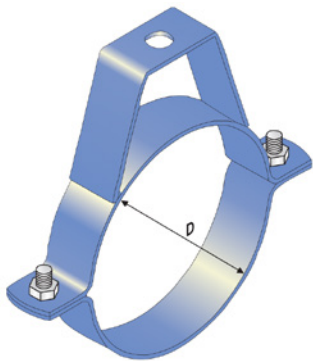
FLEXIBLE HANGING/SHANK

EP8 - PVC LIGHT DUTY YOKE CLAMP



PART NO.	PIPE DIA	D	HOLE DIA	BOLT	MATERIAL	BOX QTY	FINISH
EP8-043	40 PVC	43	11Ø	1/4" x 1"	20 x 2	25	POLY WHITE
EP8-056	50 PVC	56	11Ø	1/4" x 1"	20 x 2	20	
EP8-070	65 PVC	70	11Ø	1/4" x 1"	20 x 2	25	
EP8-083	80 PVC	83	11Ø	1/4" x 1"	20 x 2	20	
EP8-110	100 PVC	110	11Ø	1/4" x 1"	20 x 2	20	
EP8-160	150 PVC	160	11Ø	1/4" x 1"	25 x 3	10	

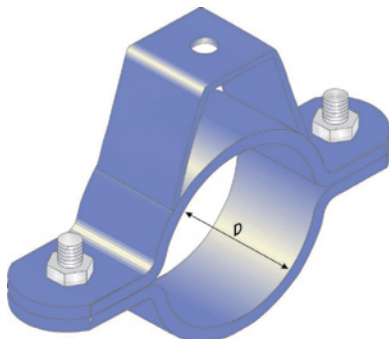
FM8 - LIGHT DUTY YOKE CLAMP



OTHER FINISHES AVAILABLE ON REQUEST

PART NO.	PIPE DIA.	D	HOLE DIA	BOLT	MATERIAL	BOX QTY	FINISH
FM8-020	20cu	19	11Ø	M6 x 25	20 x 3	25	HDG & 316 SS
FM8-021	15nb	21	11Ø	M6 x 25	20 x 3	25	
FM8-025	25cu	25	11Ø	M6 x 25	20 x 3	25	
FM8-027	20nb	27	11Ø	M6 x 25	20 x 3	25	
FM8-032	32cu	32	11Ø	M6 x 25	20 x 3	25	
FM8-034	25nb	34	11Ø	M6 x 25	20 x 3	25	
FM8-038	40cu	38	11Ø	M6 x 25	20 x 3	20	
FM8-043	32nb	43	11Ø	M6 x 25	20 x 3	20	
FM8-048	40nb	48	11Ø	M6 x 25	20 x 3	20	
FM8-051	50cu	51	11Ø	M6 x 25	20 x 3	20	
FM8-060	50nb	60	11Ø	M6 x 25	20 x 3	20	
FM8-064	65cu	64	11Ø	M6 x 25	20 x 3	20	
FM8-076	65nb/80cu	76	11Ø	M6 x 25	20 x 3	20	
FM8-089	80nb	89	11Ø	M6 x 25	20 x 3	20	
FM8-102	102cu	102	11Ø	M6 x 25	20 x 3	20	
FM8-115	100nb	115	11Ø	M8 x 30	25 x 3	20	
FM8-127	125cu	127	11Ø	M8 x 30	25 x 3	10	
FM8-140	125nb	140	11Ø	M8 x 30	25 x 3	10	
FM8-152	150cu	152	11Ø	M8 x 30	25 x 5	10	
FM8-168	150nb	168	11Ø	M8 x 30	25 x 5	10	

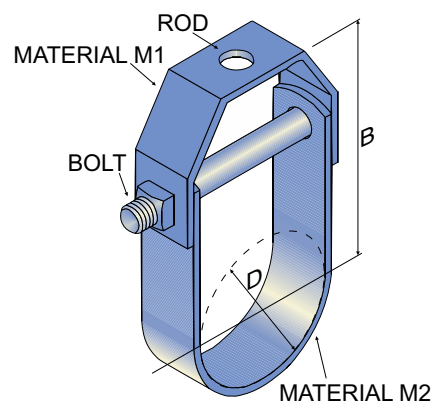
FM18 - MEDIUM DUTY YOKE CLAMP



OTHER FINISHES AVAILABLE ON REQUEST

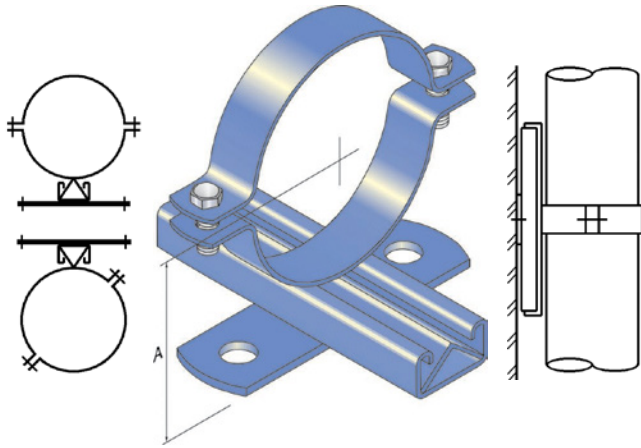
PART NO.	PIPE DIA.	D	HOLE DIA	BOLT	MATERIAL	BOX QTY	FINISH
FM18-060	50nb	60	14Ø	M12 x 45	40 x 6	10	HDG & 316 SS
FM18-064	64cu	64	14Ø	M12 x 45	40 x 6	10	
FM18-073	65nb	73	14Ø	M12 x 45	40 x 6	10	
FM18-076	65nb/80cu	76	14Ø	M12 x 45	40 x 6	10	
FM18-089	80nb	89	14Ø	M12 x 45	40 x 6	10	
FM18-102	100cu	102	14Ø	M12 x 45	40 x 6	10	
FM18-115	100nb	115	14Ø	M12 x 45	40 x 6	5	
FM18-127	125cu	127	14Ø	M12 x 45	40 x 6	5	
FM18-140	125nb	140	14Ø	M12 x 45	40 x 6	5	
FM18-152	152cu	152	14Ø	M12 x 45	40 x 6	5	
FM18-168	150nb	168	14Ø	M12 x 45	40 x 6	5	
FM18-178	178ns	178	14Ø	M12 x 45	40 x 6	5	
FM18-190	190ns	190	14Ø	M12 x 45	40 x 6	5	
FM18-203	200cu	203	14Ø	M12 x 45	40 x 6	5	
FM18-220	200nb	220	14Ø	M12 x 45	40 x 6	5	
FM18-228	228ns	228	14Ø	M12 x 45	40 x 6	5	
FM18-240	240ns	240	14Ø	M12 x 45	40 x 6	5	
FM18-252	250cu	252	14Ø	M12 x 45	40 x 6	5	
FM18-275	250nb	275	18Ø	M12 x 45	40 x 6	5	
FM18-304	300cu	304	14Ø	M12 x 45	40 x 6	5	
FM18-315	315ns	304	14Ø	M12 x 45	40 x 6	5	
FM18-324	300nb	324	14Ø	M12 x 45	40 x 6	5	

FM160 - STANDARD CLEVIS PIPE HANGER



PART NO.	PIPE SIZE	D	B	ROD	BOLT	M1	M2	FINISH
FM160-021	15nb	21	80	11Ø	M10 x 55	25 x 5	25 x 5	HDG
FM160-025	25cu	25	80	11Ø	M10 x 60	25 x 5	25 x 5	
FM160-027	20nb	27	80	11Ø	M10 x 60	25 x 5	25 x 5	
FM160-032	32cu	32	85	11Ø	M10 x 70	25 x 5	25 x 5	
FM160-034	25nb	34	85	11Ø	M10 x 70	25 x 5	25 x 5	
FM160-038	40cu	38	98	11Ø	M10 x 70	25 x 5	25 x 5	
FM160-043	32nb	43	98	11Ø	M10 x 85	25 x 5	25 x 5	
FM160-048	40nb	48	98	11Ø	M10 x 85	25 x 5	25 x 5	
FM160-051	50cu	51	98	11Ø	M10 x 85	25 x 5	25 x 5	
FM160-060	50nb	60	100	11Ø	M10 x 95	25 x 5	25 x 5	
FM160-064	65cu	64	100	14Ø	M12 x 110	32 x 5	32 x 5	
FM160-076	65nb/76cu	76	120	14Ø	M12 x 110	32 x 5	32 x 5	
FM160-089	80nb	89	125	14Ø	M12 x 130	32 x 5	32 x 5	
FM160-102	100cu	102	135	14Ø	M12 x 150	32 x 5	32 x 5	
FM160-115	100nb	115	145	18Ø	M16 x 180	32 x 6	32 x 5	
FM160-127	125cu	127	150	18Ø	M16 x 180	32 x 6	32 x 5	
FM160-140	125nb	140	165	18Ø	M16 x 180	32 x 6	32 x 5	
FM160-152	150cu	152	190	18Ø	M16 x 190	40 x 6	40 x 5	
FM160-168	150nb	168	190	22Ø	M20 x 220	40 x 6	40 x 5	
FM160-204	200cu	204	215	22Ø	M20 x 240	40 x 8	40 x 6	
FM160-220	200nb	220	215	22Ø	M20 x 260	40 x 10	40 x 6	
FM160-250	250cu	250	245	26Ø	M20 x 300	50 x 8	50 x 6	
FM160-273	250nb	273	245	26Ø	M20 x 325	50 x 8	50 x 6	
FM160-324	300nb	324	275	26Ø	M20 x 375	50 x 10	50 x 6	
FM160-355	350nb	355	310	26Ø	M24 x 425	50 x 12	50 x 6	
FM160-406	400nb	406	350	26Ø	M24 x 475	65 x 12	65 x 6	
FM160-457	450nb	457	410	32Ø	M24 x 525	65 x 12	65 x 6	
FM160-508	500nb	508	430	32Ø	M24 x 600	75 x 16	75 x 10	

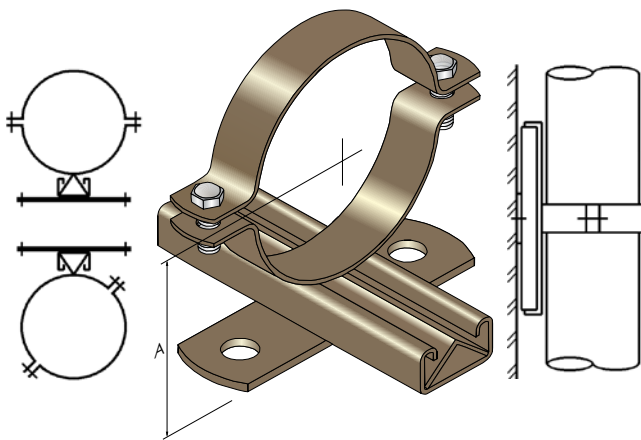
FM140 - LIGHT DUTY SLIDE GUIDE FOR STEEL PIPE



'A' DIMENSION IS A MINIMUM,
CAN BE INCREASED TO SUIT INDIVIDUAL ON-SITE REQUIREMENTS

PART NO.	PIPE SIZE	'A'	FINISH
FM140-021	15nb	54	HDG & PAINTED
FM140-027	20nb	57	
FM140-034	25nb	60	
FM140-043	32nb	65	
FM140-048	40nb	67	
FM140-060	50nb	73	
FM140-073	65nb	81	
FM140-089	80nb	88	
FM140-115	100nb	101	
FM140-140	125nb	115	
FM140-168	150nb	129	

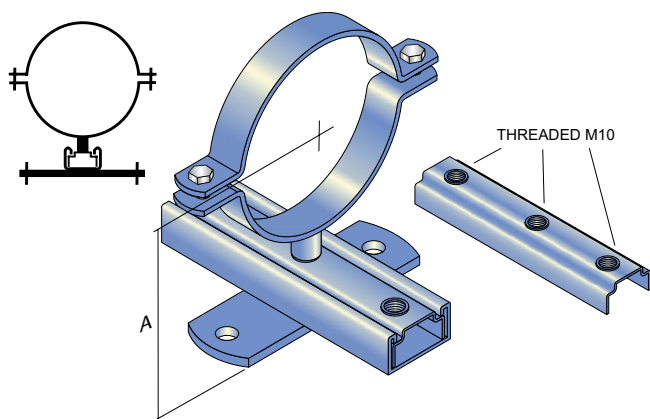
FM140 - LIGHT DUTY SLIDE GUIDE FOR COPPER PIPE



'A' DIMENSION IS A MINIMUM,
CAN BE INCREASED TO SUIT INDIVIDUAL ON-SITE REQUIREMENTS

PART NO.	PIPE SIZE	'A'	FINISH
FM140-015	15cu	49	POLY BROWN
FM140-020	20cu	53	
FM140-025	25cu	56	
FM140-032	32cu	59	
FM140-038	40cu	62	
FM140-051	50cu	73	
FM140-064	65cu	76	
FM140-076	80cu	81	
FM140-102	100cu	94	
FM140-127	125cu	108	
FM140-152	150cu	121	

FM140-3H - LIGHT DUTY SLIDE GUIDE FOR STEEL PIPE

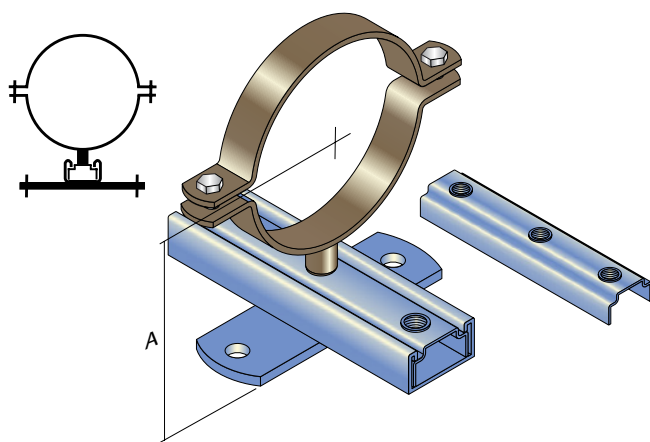


'A' DIMENSION IS A MINIMUM,
CAN BE INCREASED TO SUIT INDIVIDUAL ON-SITE REQUIREMENTS

HDG FINISH AVAILABLE ON REQUEST

PART NO.	PIPE SIZE	'A'	FINISH
FM140-3H-021	15nb	64	ZINC PLATED (NUT CLIP) + HDG (BASE)
FM140-3H-027	20nb	67	
FM140-3H-034	25nb	70	
FM140-3H-043	32nb	75	
FM140-3H-048	40nb	77	
FM140-3H-060	50nb	83	
FM140-3H-073	65nb	90	
FM140-3H-089	80nb	98	
FM140-3H-115	100nb	111	
FM140-3H-140	125nb	117	
FM140-3H-168	150nb	139	

FM140-3H - LIGHT DUTY SLIDE GUIDE FOR COPPER PIPE

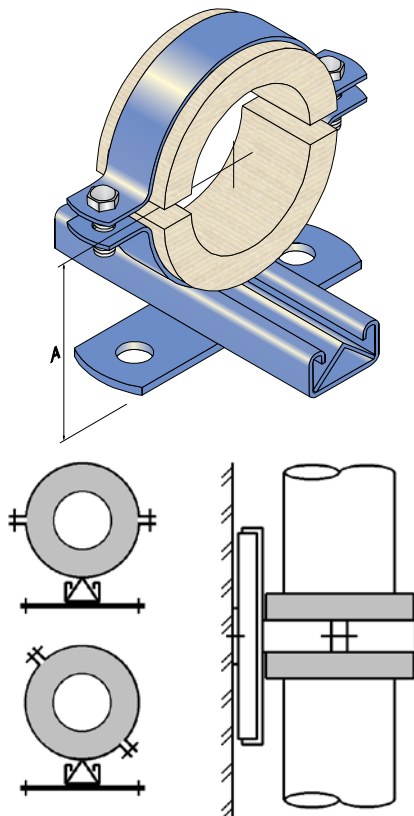


'A' DIMENSION IS A MINIMUM,
CAN BE INCREASED TO SUIT INDIVIDUAL ON-SITE REQUIREMENTS

HDG FINISH AVAILABLE ON REQUEST

PART NO.	PIPE SIZE	'A'	FINISH
FM140-3H-015	15cu	55	POLY BROWN (NUT CLIP) + HDG (BASE)
FM140-3H-020	20cu	63	
FM140-3H-025	25cu	66	
FM140-3H-032	32cu	69	
FM140-3H-038	40cu	72	
FM140-3H-051	50cu	79	
FM140-3H-064	65cu	86	
FM140-3H-076	80cu	91	
FM140-3H-102	100cu	104	
FM140-3H-127	125cu	118	
FM140-3H-152	150cu	131	

FM141 - LIGHT DUTY SLIDE GUIDE AND TIMBER FERRULE FOR STEEL PIPE

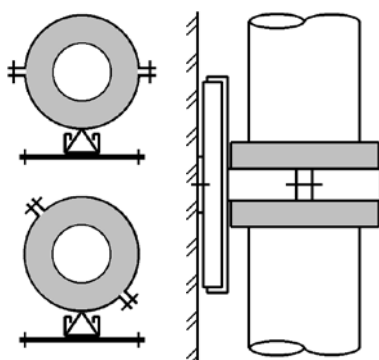
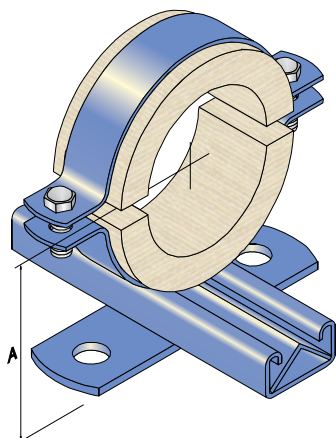


FINISH: HDG

'A' DIMENSION IS A MINIMUM,
CAN BE INCREASED TO SUIT
INDIVIDUAL ON-SITE REQUIREMENTS

PART NO.	PIPE DIA.	INS.	FERRULE DIMENSIONS		'A'
			DIAMETER	WIDTH	
FM141-015A		25	21.3 x 76		80
FM141-015B	15nb	38	21.3 x 102	40	94
FM141-015C		50	21.3 x 127		109
FM141-020A		25	26.7 x 76		80
FM141-020B	20nb	38	26.7 x 102	40	94
FM141-020C		50	26.7 x 127		109
FM141-025A		25	33.4 x 83		85
FM141-025B	25nb	38	33.4 x 115	40	101
FM141-025C		50	33.4 x 140		115
FM141-032A		25	42.2 x 89		88
FM141-032B	32nb	38	42.2 x 115	40	101
FM141-032C		50	42.2 x 140		115
FM141-040A		25	48.3 x 102		94
FM141-040B	40nb	38	48.3 x 127	40	109
FM141-040C		50	48.3 x 152		121
FM141-050A		25	60.3 x 115		101
FM141-050B		38	60.3 x 140		115
FM141-050C	50nb	50	60.3 x 165	40	128
FM141-050G		63	60.3 x 190		140
FM141-050H		75	60.3 x 203		147
FM141-065A		25	73 x 127		109
FM141-065B		38	73 x 152		121
FM141-065C	65nb	50	73 x 178	40	134
FM141-065G		63	73 x 203		147
FM141-065H		75	73 x 228		159
FM141-080A		25	88.9 x 140		115
FM141-080B		38	88.9 x 165		128
FM141-080C	80nb	50	88.9 x 190	40	140
FM141-080G		63	88.9 x 220		155
FM141-080H		75	88.9 x 240		165
FM141-100A		25	114.3 x 165		128
FM141-100B		38	114.3 x 190		140
FM141-100C	100nb	50	114.3 x 220	40	155
FM141-100G		63	114.3 x 240		165
FM141-100H		75	114.3 x 268		179

FM141 - LIGHT DUTY SLIDE GUIDE AND TIMBER FERRULE FOR COPPER PIPE

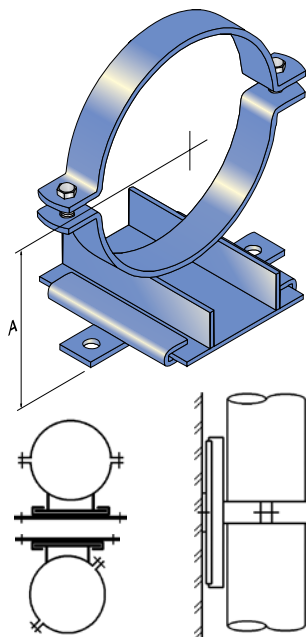


FINISH: HDG

'A' DIMENSION IS A MINIMUM,
CAN BE INCREASED TO SUIT
INDIVIDUAL ON-SITE REQUIREMENTS

PART NO.	PIPE DIA.	INS.	FERRULE DIMENSIONS		'A'
			DIAMETER	WIDTH	
FM141-015D		25	12.7 x 65		76
FM141-015E	15cu	38	12.7 x 89	40	88
FM141-015F		50	12.7 x 115		101
FM141-020D		25	19.1 x 70		78
FM141-020E	20cu	38	19.1 x 102	40	94
FM141-020F		50	19.1 x 127		109
FM141-025D		25	25.4 x 76		80
FM141-025E	25cu	38	25.4 x 102	40	94
FM141-025F		50	25.4 x 127		109
FM141-032D		25	31.2 x 83		85
FM141-032E	32cu	38	31.8 x 114	40	101
FM141-032F		50	31.8 x 140		115
FM141-040D		25	38.1 x 89		88
FM141-040E	40cu	38	38.1 x 114	40	101
FM141-040F		50	38.1 x 140		115
FM141-050D		25	50.8 x 102		94
FM141-050E		38	50.8 x 127		109
FM141-050F	50cu	50	50.8 x 152	40	121
FM141-050J		63	50.8 x 178		134
FM141-050K		75	50.8 x 203		147
FM141-065D		25	65 x 115		101
FM141-065E		38	63.5 x 140		115
FM141-065F	65cu	50	63.5 x 165	40	128
FM141-065J		63	63.5 x 190		140
FM141-065K		75	63.5 x 220		155
FM141-080D		25	76.2 x 127		109
FM141-080E		38	76.2 x 152		121
FM141-080F	80cu	50	76.2 x 178	40	134
FM141-080J		63	76.2 x 203		147
FM141-080K		75	76.2 x 228		159
FM141-100D		25	101.6 x 152		121
FM141-100E		38	101.6 x 178		134
FM141-100F	100cu	50	101.6 x 203	40	147
FM141-100J		63	101.6 x 228		159
FM141-100K		75	101.6 x 252		171

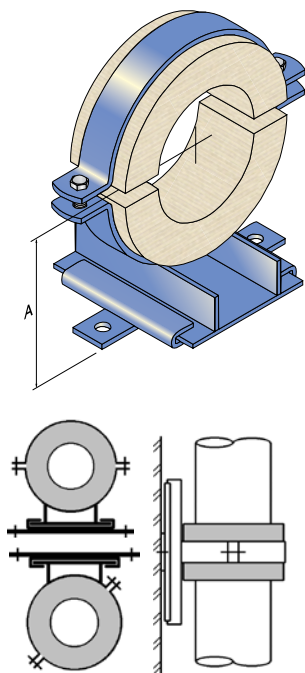
FM142 - HEAVY DUTY SLIDE GUIDE FOR STEEL PIPE



'A' DIMENSION IS A MINIMUM,
CAN BE INCREASED TO SUIT
INDIVIDUAL ON-SITE REQUIREMENTS

PART NO.	PIPE DIA.	'A'	FINISH
FM142-115	100nb	115	HDG
FM142-140	125nb	126	
FM142-168	150nb	142	
FM142-220	200nb	168	
FM142-273	250nb	195	
FM142-324	300nb	242	
FM142-355	350nb	258	
FM142-406	400nb	283	
FM142-508	500nb	333	
FM142-610	600nb	385	

FM143 - HEAVY DUTY SLIDE GUIDE AND TIMBER FERRULE FOR STEEL PIPE

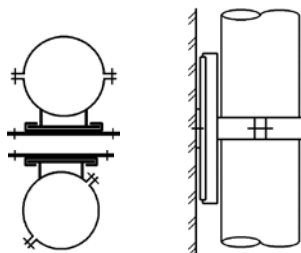
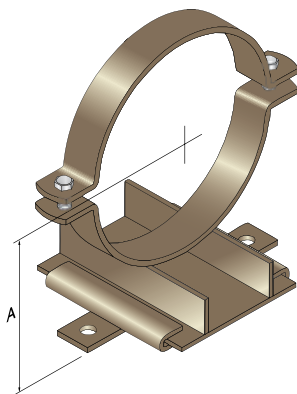


FINISH: HDG

'A' DIMENSION IS A MINIMUM,
CAN BE INCREASED TO SUIT
INDIVIDUAL ON-SITE REQUIREMENTS

PART NO.	PIPE DIA.	INS	FERRULE DIMENSIONS		'A'	PART NO.	PIPE DIA.	INS	FERRULE DIMENSIONS		'A'
			DIAMETER	WIDTH					DIAMETER	WIDTH	
FM143-125A		25	141.3 x 190		153	FM143-300A		25	324 x 375		268
FM143-125B		38	141.3 x 220		168	FM143-300B		38	324 x 406		283
FM143-125C	125nb	50	141.3 x 240	40	178	FM143-300C	300nb	50	324 x 424	80	292
FM143-125G		63	141.3 x 268		192	FM143-300G		63	324 x 456		309
FM143-125H		75	141.3 x 300		208	FM143-300H		75	324 x 475		318
FM143-150A		25	163.5 x 220		168	FM143-350A		25	355.6 x 406		283
			168.3 x 220			FM143-350B		38	356 x 424		292
FM143-150B		38	165.1 x 240		178	FM143-350C	350nb	50	356 x 457	80	309
			168.3 x 240			FM143-350G		63	356 x 486		321
FM143-150C	150nb	50	165.1 x 268	40	192	FM143-350H		75	356 x 508		334
			168.3 x 268			FM143-400A		25	406.4 x 457		309
FM143-150G		63	165.1 x 300		208	FM143-400B		38	406.4 x 486		321
			168.3 x 300			FM143-400C	400nb	50	406.4 x 508	80	334
FM143-150H		75	165.1 x 324		220	FM143-400G		63	406.4 x 536		347
			168.3 x 324			FM143-400H		75	406.4 x 557		359
FM143-200A		25	219.1 x 275		196	FM143-450A		25	457 x 508		334
FM143-200B		38	219.1 x 303		208	FM143-450B		38	457 x 536		347
FM143-200C	200nb	50	219.1 x 324	40	220	FM143-450C	450nb	50	457 x 557	80	359
FM143-200G		63	219.1 x 355		236	FM143-450G		63	457 x 587		374
FM143-200H		75	219.1 x 375		246	FM143-450H		75	457 x 608		386
FM143-250A		25	273 x 324		220						
FM143-250B		38	273 x 356		236						
FM143-250C	250nb	50	273 x 375	80	246						
FM143-250G		63	273 x 406		283						
FM143-250H		75	273 x 424		292						

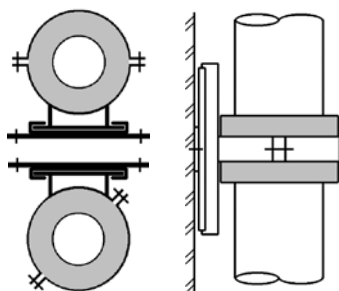
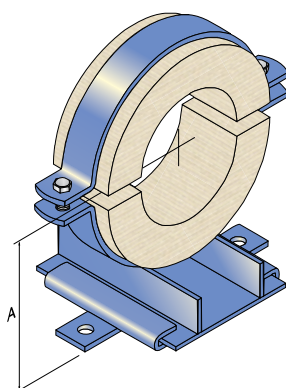
FM142 - HEAVY DUTY SLIDE GUIDE FOR COPPER PIPE



'A' DIMENSION IS A MINIMUM,
CAN BE INCREASED TO SUIT
INDIVIDUAL ON-SITE REQUIREMENTS

PART NO.	PIPE DIA.	'A'	FINISH
FM142-102	100cu	109	POLY BROWN
FM142-127	125cu	121	
FM142-152	150cu	134	
FM142-203	200cu	160	
FM142-254	250cu	185	
FM142-304	300cu	210	

FM143 - HEAVY DUTY SLIDE GUIDE AND TIMBER FERRULE FOR COPPER PIPE

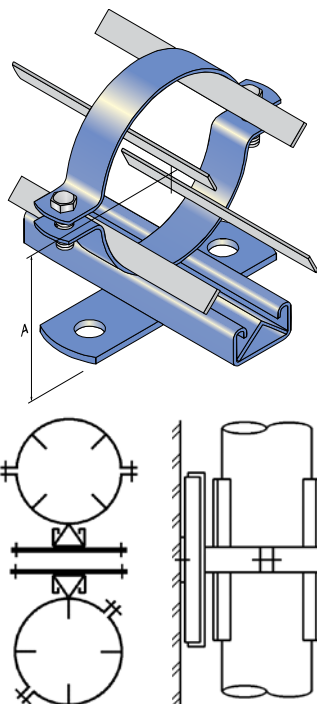


FINISH: HDG

'A' DIMENSION IS A MINIMUM,
CAN BE INCREASED TO SUIT
INDIVIDUAL ON-SITE REQUIREMENTS

PART NO.	PIPE DIA.	INS.	FERRULE DIMENSIONS		'A'
			DIAMETER	WIDTH	
FM143-125D	125cu	25	127 x 178	40	147
FM143-125E		38	127 x 203		160
FM143-125F		50	127 x 228		172
FM143-125J		63	127 x 252		184
FM143-125K		75	127 x 275		196
FM143-150D	150cu	25	152.4 x 203	40	161
FM143-150E		38	152.4 x 228		172
FM143-150F		50	152.4 x 252		184
FM143-150J		63	152.4 x 275		196
FM143-150K		75	152.4 x 303		208
FM143-200D	200cu	25	203.2 x 252	40	184
FM143-200E		38	203.2 x 275		196
FM143-200F		50	203.2 x 303		208
FM143-200J		63	203.2 x 324		223
FM143-200K		75	203.2 x 355		236
FM143-250D	250cu	25	254 x 300	80	208
FM143-250E		38	254 x 324		223
FM143-250F		50	254 x 355		236
FM143-250J		63	254 x 375		268
FM143-250K		75	254 x 406		283

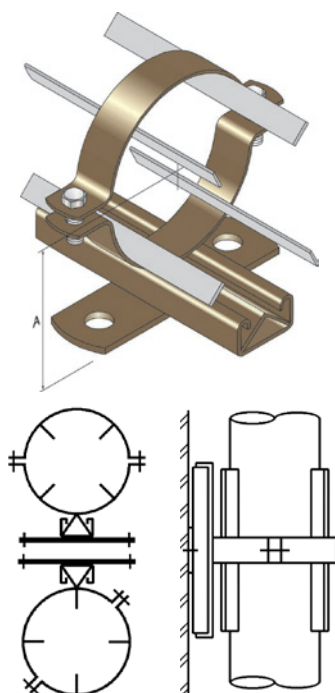
FM144 - LIGHT DUTY SLIDE GUIDE FOR STEAM AND CONDENSATE STEEL PIPE



'A' DIMENSION IS A MINIMUM,
CAN BE INCREASED TO SUIT
INDIVIDUAL ON-SITE REQUIREMENTS

PART NO.	PIPE DIA.	INS.	SIZE	'A'	FINISH
FM144-015A	15nb	25	21.3 x 76	80	HDG
FM144-015B		38	21.3 x 102	94	
FM144-015C		50	21.3 x 127	109	
FM144-020A	20nb	25	26.7 x 76	80	
FM144-020B		38	26.7 x 102	94	
FM144-020C		50	26.7 x 127	109	
FM144-025A	25nb	25	33.4 x 83	85	
FM144-025B		38	33.4 x 115	101	
FM144-025C		50	33.4 x 140	115	
FM144-032A	32nb	25	42.2 x 89	88	
FM144-032B		38	42.2 x 115	101	
FM144-032C		50	42.2 x 140	115	
FM144-040A	40nb	25	48.3 x 102	94	
FM144-040B		38	48.3 x 127	109	
FM144-040C		50	48.3 x 152	121	
FM144-050A	50nb	25	60.3 x 115	101	
FM144-050B		38	60.3 x 140	115	
FM144-050C		50	60.3 x 165	128	
FM144-065A	65nb	25	73 x 127	109	
FM144-065B		38	73 x 152	121	
FM144-065C		50	73 x 178	134	
FM144-080A	80nb	25	88.9 x 140	115	
FM144-080B		38	88.9 x 165	128	
FM144-080C		50	88.9 x 190	140	
FM144-100A	100nb	25	114.3 x 165	128	
FM144-100B		38	114.3 x 190	140	
FM144-100C		50	114.3 x 220	155	

FM144 - LIGHT DUTY SLIDE GUIDE FOR STEAM AND CONDENSATE COPPER PIPE

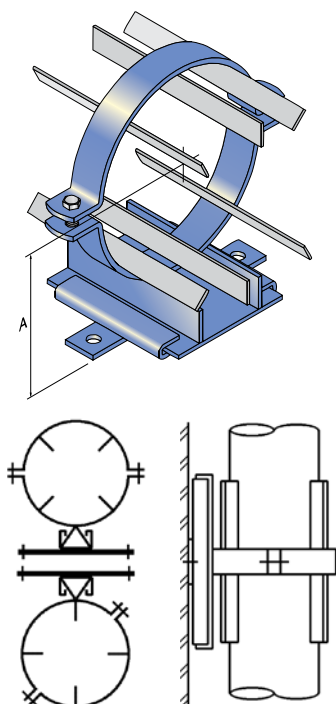


FINISH: POLY BROWN

PART NO.	PIPE DIA.	INS.	SIZE	'A'
FM144-015D	15cu	25	12.7 x 65	76
FM144-015E		38	12.7 x 89	88
FM144-015F		50	12.7 x 115	101
FM144-020D	20cu	25	19.1 x 70	78
FM144-020E		38	19.1 x 102	94
FM144-020F		50	19.1 x 127	109
FM144-025D	25cu	25	25.4 x 76	80
FM144-025E		38	25.4 x 102	94
FM144-025F		50	25.4 x 127	109
FM144-032D	32cu	25	31.8 x 83	85
FM144-032E		38	31.8 x 114	101
FM144-032F		50	31.8 x 140	115
FM144-040D	40cu	25	38.1 x 89	88
FM144-050D	50cu	25	50.8 x 102	94
FM144-050E		38	50.8 x 127	109
FM144-050F		50	50.8 x 152	121
FM144-065D	65cu	25	65 x 115	101
FM144-065E		38	63.5 x 140	115
FM144-065F		50	63.5 x 165	128
FM144-080D	80cu	25	76.2 x 127	109
FM144-080E		38	76.2 x 152	121
FM144-080F		50	76.2 x 178	134
FM144-100D	100cu	25	101.6 x 152	121

'A' DIMENSION IS A MINIMUM, CAN BE INCREASED TO SUIT INDIVIDUAL ON-SITE REQUIREMENTS

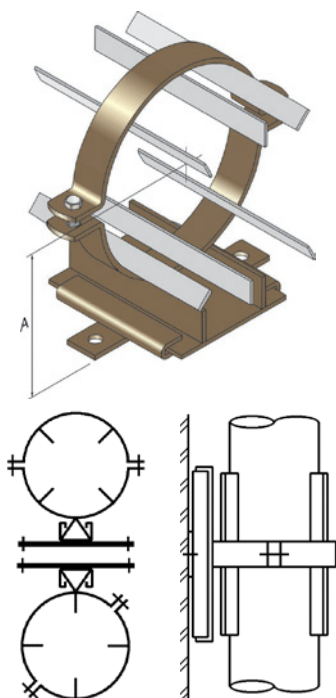
FM145 - HEAVY DUTY SLIDE GUIDE FOR STEAM AND CONDENSATE STEEL PIPE



'A' DIMENSION IS A MINIMUM,
CAN BE INCREASED TO SUIT
INDIVIDUAL ON-SITE REQUIREMENTS

PART NO.	PIPE DIA.	INS.	SIZE	'A'	FINISH
FM145-125A	125nb	25	141.3 x 190	153	HDG
FM145-125B		38	141.3 x 220	168	
FM145-125C		50	141.3 x 240	178	
FM145-150A	150nb	25	168.3 x 220	168	
FM145-150B		38	168.3 x 240	178	
FM145-150C		50	168.3 x 268	268	
FM145-200A	200nb	25	219.1 x 275	196	
FM145-200B		38	219.1 x 303	208	
FM145-200C		50	219.1 x 324	220	
FM145-250A	250nb	25	273 x 324	220	
FM145-250B		38	273 x 356	236	
FM145-250C		50	273 x 375	246	
FM145-300A	300nb	25	324 x 375	268	
FM145-300B		38	324 x 406	283	
FM145-300C		50	324 x 424	292	
FM145-350A	350nb	25	355.6 x 406	283	
FM145-350B		38	355.6 x 424	292	
FM145-350C		50	355.6 x 456	309	
FM145-400A	400nb	25	406.4 x 457	309	
FM145-400B		38	406.4 x 486	321	
FM145-400C		50	406.4 x 508	334	
FM145-450A	450nb	25	455 x 508	334	
FM145-450B		38	455 x 536	347	
FM145-450C		50	455 x 557	359	

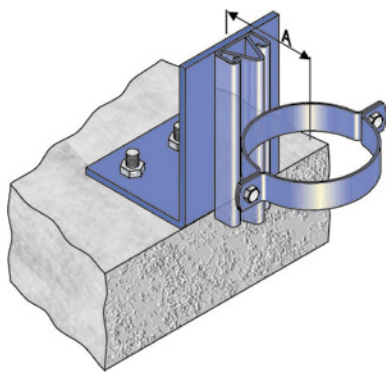
FM145 - HEAVY DUTY SLIDE GUIDE FOR STEAM AND CONDENSATE COPPER PIPE



'A' DIMENSION IS A MINIMUM,
CAN BE INCREASED TO SUIT
INDIVIDUAL ON-SITE REQUIREMENTS

PART NO.	PIPE DIA.	INS.	SIZE	'A'	FINISH
FM145-125D	125cu	25	127 x 178	147	POLY BROWN
FM145-125E		38	127 x 203	160	
FM145-125F		50	127 x 228	172	
FM145-150D	150cu	25	152.4 x 203	160	
FM145-150E		38	152.4 x 228	172	
FM145-150F		50	152.4 x 252	184	
FM145-200D	200cu	25	203.2 x 252	184	
FM145-200E		38	203.2 x 275	196	
FM145-200F		50	203.2 x 303	208	
FM145-250D	250cu	25	254 x 300	208	
FM145-250E		38	254 x 324	223	
FM145-250F		50	254 x 355	236	

FM190 - LIGHT DUTY FLOOR MOUNTED RISER GUIDE



'A' DIMENSION IS A MINIMUM, CAN BE INCREASED TO SUIT INDIVIDUAL ON-SITE REQUIREMENTS

NOTE: PIPE SIZES UP TO 150NB ARE SHOWN AS ABOVE. FOR LARGER SIZES OR OTHER SPECIAL ON-SITE REQUIREMENTS, CONSULT YOUR NEAREST FLEXISTRUT BRANCH.

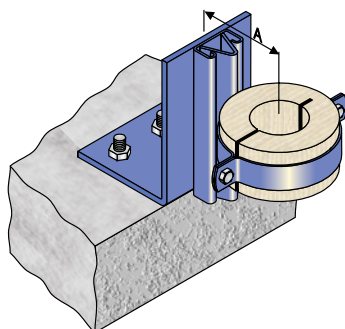
FM190 RISER GUIDE FOR STEEL PIPE

PART NO.	PIPE DIA.	'A'	FINISH
FM190-021	15nb	54	HDG
FM190-027	20nb	57	
FM190-034	25nb	60	
FM190-043	32nb	65	
FM190-048	40nb	67	
FM190-060	50nb	73	
FM190-073	65nb	81	
FM190-089	80nb	88	
FM190-115	100nb	101	
FM190-140	125nb	155	
FM190-168	150nb	129	

FM190 RISER GUIDE FOR COPPER PIPE

PART NO.	PIPE DIA.	'A'	FINISH
FM190-015	15cu	49	POLY BROWN
FM190-020	20cu	53	
FM190-025	25cu	56	
FM190-032	32cu	59	
FM190-038	40cu	62	
FM190-051	50cu	73	
FM190-064	65cu	76	
FM190-076	80cu	81	
FM190-102	100cu	94	
FM190-127	125cu	108	
FM190-152	150cu	121	

FM189 - LIGHT DUTY FLOOR MOUNTED RISER GUIDE AND TIMBER FERRULE FOR STEEL PIPE



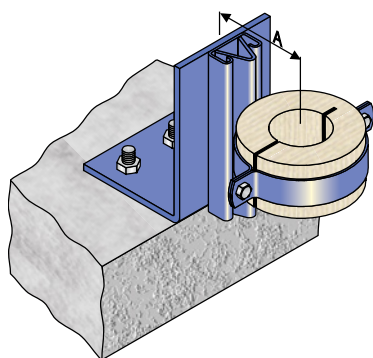
FINISH: HDG

'A' DIMENSION IS A MINIMUM, CAN BE INCREASED TO SUIT INDIVIDUAL ON-SITE REQUIREMENTS

NOTE: PIPE SIZES UP TO 100NB ARE SHOWN AS ABOVE. FOR LARGER SIZES OR OTHER SPECIAL ON-SITE REQUIREMENTS, CONSULT YOUR NEAREST FLEXISTRUT BRANCH.

PART NO.	PIPE DIA.	INS.	FERRULE DIMENSIONS		'A'
			DIAMETER	WIDTH	
FM189-015A	15nb	25	21.3 x 76		80
FM189-015B		38	21.3 x 102	40	94
FM189-015C		50	21.3 x 127		109
FM189-020A	20nb	25	26.7 x 76		80
FM189-020B		38	26.7 x 102	40	94
FM189-020C		50	26.7 x 127		109
FM189-025A	25nb	25	33.4 x 83		85
FM189-025B		38	33.4 x 115	40	101
FM189-025C		50	33.4 x 140		115
FM189-032A	32nb	25	42.2 x 89		88
FM189-032B		38	42.2 x 115	40	101
FM189-032C		50	42.2 x 140		115
FM189-040A	40nb	25	48.3 x 102		94
FM189-040B		38	48.3 x 127	40	109
FM189-040C		50	48.3 x 152		121
FM189-050A	50nb	25	60.3 x 115		101
FM189-050B		38	60.3 x 140		115
FM189-050C		50	60.3 x 165	40	128
FM189-050G		63	60.3 x 190		140
FM189-050H		75	60.3 x 203		147
FM189-065A	65nb	25	73 x 127		109
FM189-065B		38	73 x 152		121
FM189-065C		50	73 x 178	40	134
FM189-065G		63	73 x 203		147
FM189-065H		75	73 x 228		159
FM189-080A	80nb	25	88.9 x 140		115
FM189-080B		38	88.9 x 165		128
FM189-080C		50	88.9 x 190	40	140
FM189-080G		63	88.9 x 220		155
FM189-080H		75	88.9 x 240		165
FM189-100A	100nb	25	114.3 x 165		128
FM189-100B		38	114.3 x 190		140
FM189-100C		50	114.3 x 220	40	155
FM189-100G		63	114.3 x 240		165
FM189-100H		75	114.3 x 268		179

FM189 - LIGHT DUTY FLOOR MOUNTED RISER GUIDE AND TIMBER FERRULE FOR COPPER PIPE



FINISH: HDG

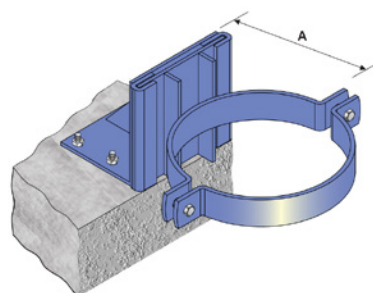
'A' DIMENSION IS A MINIMUM, CAN BE INCREASED TO SUIT INDIVIDUAL ON-SITE REQUIREMENTS

NOTE: PIPE SIZES UP TO 100NB ARE SHOWN AS ABOVE. FOR LARGER SIZES OR OTHER SPECIAL ON-SITE REQUIREMENTS, CONSULT YOUR NEAREST FLEXISTRUT BRANCH.

PART NO.	PIPE DIA.	INS.	FERRULE DIMENSIONS		'A'
			DIAMETER	WIDTH	
FM189-015D		25	12.7 x 65		76
FM189-015E	15cu	38	12.7 x 89	40	88
FM189-015F		50	12.7 x 115		101
FM189-020D		25	19.1 x 70		78
FM189-020E	20cu	38	19.1 x 102	40	94
FM189-020F		50	19.1 x 127		109
FM189-025D		25	25.4 x 76		80
FM189-025E	25cu	38	25.4 x 102	40	94
FM189-025F		50	25.4 x 127		109
FM189-032D		25	31.8 x 83		85
FM189-032E	32cu	38	31.8 x 114	40	101
FM189-032F		50	31.8 x 140		115
FM189-040D		25	38.1 x 89		88
FM189-040E	40cu	38	38.1 x 114	40	101
FM189-040F		50	38.1 x 140		115
FM189-050D		25	50.8 x 102		94
FM189-050E		38	50.8 x 127		109
FM189-050F	50cu	50	50.8 x 152	40	121
FM189-050J		63	50.8 x 178		134
FM189-050K		75	50.8 x 203		147

PART NO.	PIPE DIA.	INS.	FERRULE DIMENSIONS		'A'
			DIAMETER	WIDTH	
FM189-065D		25	65 x 115		101
FM189-065E		38	63.5 x 140		115
FM189-065F	65cu	50	63.5 x 165	40	128
FM189-065J		63	63.5 x 190		140
FM189-065K		75	63.5 x 220		155
FM189-080D		25	76.2 x 127		109
FM189-080E		38	76.2 x 152		121
FM189-080F	80cu	50	76.2 x 178	40	134
FM189-080J		63	76.2 x 203		147
FM189-080K		75	76.2 x 228		159
FM189-100D		25	101.6 x 152		121
FM189-100E		38	101.6 x 178		134
FM189-100F	100cu	50	101.6 x 203	40	147
FM189-100J		63	101.6 x 228		159
FM189-100K		75	101.6 x 252		171

FM190HD - HEAVY DUTY FLOOR MOUNTED RISER GUIDE

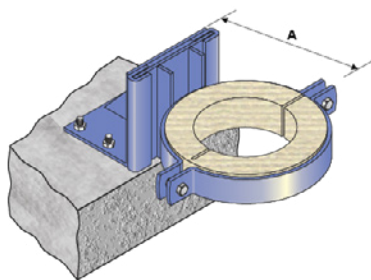


'A' DIMENSION IS A MINIMUM, CAN BE INCREASED TO SUIT INDIVIDUAL ON-SITE REQUIREMENTS

FM190 RISER GUIDE FOR STEEL PIPE			
PART NO.	PIPE DIA.	'A'	FINISH
FM190HD-115	100nb	115	HDG
FM190HD-140	125nb	126	
FM190HD-168	150nb	142	
FM190HD-220	200nb	168	
FM190HD-273	250nb	195	
FM190HD-324	300nb	242	
FM190HD-355	350nb	258	
FM190HD-406	400nb	283	
FM190HD-508	500nb	333	
FM190HD-610	600nb	386	

FM190 RISER GUIDE FOR COPPER PIPE			
PART NO.	PIPE DIA.	'A'	FINISH
FM190HD-102	100cu	109	POLY BROWN
FM190HD-127	125cu	121	
FM190HD-152	150cu	134	
FM190HD-203	200cu	160	
FM190HD-252	250cu	185	
FM190HD-304	300cu	210	

FM189-142 - HEAVY DUTY FLOOR MOUNTED RISER GUIDE AND TIMBER FERRULE FOR STEEL PIPE

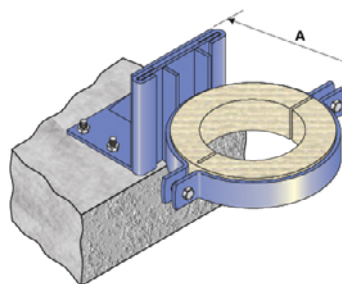


FINISH: HDG

'A' DIMENSION IS A MINIMUM, CAN
BE INCREASED TO SUIT INDIVIDUAL
ON-SITE REQUIREMENTS

PART NO.	PIPE DIA.	INS	FERRULE DIMENSIONS		'A'
			DIAMETER	WIDTH	
FM189-142-015A		25	21.3 x 76		96
FM189-142-015B	15nb	38	21.3 x 102	40	109
FM189-142-015C		50	21.3 x 127		121
FM189-142-020A		25	26.7 x 76		96
FM189-142-020B	20nb	38	26.7 x 102	40	109
FM189-142-020C		50	26.7 x 127		121
FM189-142-025A		25	33.4 x 83		99
FM189-142-025B	25nb	38	33.4 x 115	40	115
FM189-142-025C		50	33.4 x 140		128
FM189-142-032A		25	42.2 x 89		102
FM189-142-032B	32nb	38	42.2 x 115	40	115
FM189-142-032C		50	42.2 x 140		128
FM189-142-040A		25	48.3 x 102		109
FM189-142-040B	40nb	38	48.3 x 127	40	121
FM189-142-040C		50	48.3 x 152		134
FM189-142-050A		25	60.3 x 115		115
FM189-142-050B		38	60.3 x 140		128
FM189-142-050C	50nb	50	60.3 x 165	40	141
FM189-142-050G		63	60.3 x 190		153
FM189-142-050H		75	60.3 x 203		160
FM189-142-065A		25	73 x 127		121
FM189-142-065B		38	73 x 152		134
FM189-142-065C	65nb	50	73 x 178	40	147
FM189-142-065G		63	73 x 203		160
FM189-142-065H		75	73 x 228		172
FM189-142-080A		25	88.9 x 140		128
FM189-142-080B		38	88.9 x 165		141
FM189-142-080C	80nb	50	88.9 x 190	40	153
FM189-142-080G		63	88.9 x 220		168
FM189-142-080H		75	88.9 x 240		178
FM189-142-100A		25	114.3 x 165		141
FM189-142-100B		38	114.3 x 190		153
FM189-142-100C	100nb	50	114.3 x 220	40	168
FM189-142-100G		63	114.3 x 240		178
FM189-142-100H		75	114.3 x 268		192
FM189-142-125A		25	141.3 x 190		153
FM189-142-125B		38	141.3 x 220		168
FM189-142-125C	125nb	50	141.3 x 240	40	178
FM189-142-125G		63	141.3 x 268		192
FM189-142-125H		75	141.3 x 300		208
FM189-142-150A		25	168.3 x 220		168
FM189-142-150B		38	168.3 x 240		178
FM189-142-150C	150nb	50	168.3 x 268	40	192
FM189-142-150G		63	168.3 x 300		208
FM189-142-150H		75	168.3 x 324		220
FM189-142-200A		25	219.1 x 275		196
FM189-142-200B		38	219.1 x 303		208
FM189-142-200C	200nb	50	219.1 x 324	40	220
FM189-142-200G		63	219.1 x 355		236
FM189-142-200H		75	219.1 x 375		246
FM189-142-250A		25	273 x 324		220
FM189-142-250B		38	273 x 356		236
FM189-142-250C	250nb	50	273 x 375	80	246
FM189-142-250G		63	273 x 406		283
FM189-142-250H		75	273 x 424		292
FM189-142-300A		25	324 x 375		246
FM189-142-300B		38	324 x 406		283
FM189-142-300C	300nb	50	324 x 424	80	292
FM189-142-300G		63	324 x 456		309
FM189-142-300H		75	324 x 475		318
FM189-142-350A		25	355.6 x 406		283
FM189-142-350B		38	355.6 x 424		292
FM189-142-350C	350nb	50	355.6 x 456	80	309
FM189-142-350G		63	355.6 x 486		321
FM189-142-350H		75	355.6 x 508		334
FM189-142-400A		25	406.4 x 457		309
FM189-142-400B		38	406.4 x 486		321
FM189-142-400C	400nb	50	406.4 x 508	80	334
FM189-142-400G		63	406.4 x 536		347
FM189-142-400H		75	406.4 x 557		359
FM189-142-450A		25	457 x 508		334
FM189-142-450B		38	457 x 536		347
FM189-142-450C	450nb	50	457 x 557	80	359
FM189-142-450G		63	457 x 587		372
FM189-142-450H		75	457 x 608		386
FM189-142-500A		25	508 x 557		359
FM189-142-500B		38	508 x 587		372
FM189-142-500C	500nb	50	508 x 610	80	386
FM189-142-500G		63	508 x 638		400
FM189-142-500H		75	508 x 658		410

FM189-142 - HEAVY DUTY FLOOR MOUNTED RISER GUIDE AND TIMBER FERRULE FOR COPPER PIPE



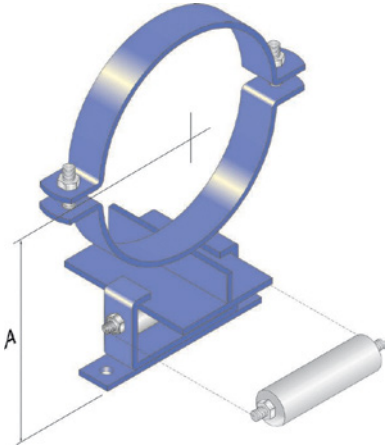
FINISH: HDG

'A' DIMENSION IS A MINIMUM, CAN BE INCREASED TO SUIT INDIVIDUAL ON-SITE REQUIREMENTS

PART NO.	PIPE DIA.	INS	FERRULE DIMENSIONS		'A'
			DIAMETER	WIDTH	
FM189-142-015D		25	12.7 x 65		90
FM189-142-015E	15cu	38	12.7 x 89	40	102
FM189-142-015F		50	12.7 x 115		115
FM189-142-020D		25	19.1 x 70		93
FM189-142-020E	20cu	38	19.1 x 102	40	109
FM189-142-020F		50	19.1 x 127		121
FM189-142-025D		25	25.4 x 76		96
FM189-142-025E	25cu	38	25.4 x 102	40	109
FM189-142-025F		50	25.4 x 127		121
FM189-142-032D		25	31.8 x 83		99
FM189-142-032E	32cu	38	31.8 x 114	40	115
FM189-142-032F		50	31.8 x 140		128
FM189-142-040D		25	38.1 x 89		102
FM189-142-040E	40cu	38	38.1 x 114	40	115
FM189-142-040F		50	38.1 x 140		128
FM189-142-050D		25	50.8 x 102		109
FM189-142-050E		38	50.8 x 127		121
FM189-142-050F	50cu	50	50.8 x 152	40	134
FM189-142-050J		63	50.8 x 178		147
FM189-142-050K		75	50.8 x 203		160
FM189-142-065D		25	65 x 115		115
FM189-142-065E		38	63.5 x 140		128
FM189-142-065F	65cu	50	63.5 x 165	40	141
FM189-142-065J		63	63.5 x 190		153
FM189-142-065K		75	63.5 x 220		168

PART NO.	PIPE DIA.	INS	FERRULE DIMENSIONS		'A'
			DIAMETER	WIDTH	
FM189-142-080D		25	76.2 x 127		121
FM189-142-080E		38	76.2 x 152		134
FM189-142-080F	80cu	50	76.2 x 178	40	147
FM189-142-080J		63	76.2 x 203		160
FM189-142-080K		75	76.2 x 228		172
FM189-142-100D		25	101.6 x 152		134
FM189-142-100E		38	101.6 x 178		147
FM189-142-100F	100cu	50	101.6 x 203	40	160
FM189-142-100J		63	101.6 x 228		172
FM189-142-100K		75	101.6 x 252		184
FM189-142-125D		25	127 x 178		147
FM189-142-125E		38	127 x 203		160
FM189-142-125F	125cu	50	127 x 228	40	172
FM189-142-125J		63	127 x 252		184
FM189-142-125K		75	127 x 275		196
FM189-142-150D		25	152.4 x 203		160
FM189-142-150E		38	152.4 x 228		172
FM189-142-150F	150cu	50	152.4 x 252	40	184
FM189-142-150J		63	152.4 x 275		196
FM189-142-150K		75	152.4 x 303		208
FM189-142-200D		25	203.2 x 252		184
FM189-142-200E		38	203.2 x 275		196
FM189-142-200F	200cu	50	203.2 x 303	40	208
FM189-142-200J		63	203.2 x 324		220
FM189-142-200K		75	203.2 x 355		236

FM146 - LIGHT DUTY ROLLER GUIDE

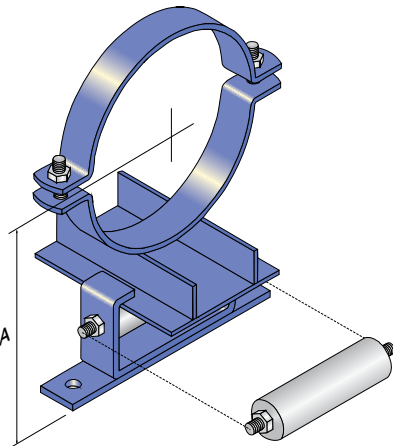


'A' DIMENSION IS A MINIMUM,
CAN BE INCREASED TO SUIT
INDIVIDUAL ON-SITE REQUIREMENTS

FM146 LIGHT DUTY ROLLER GUIDE FOR STEEL PIPE			
PART NO.	PIPE SIZE	'A'	FINISH
FM146-021	15nb	89	HDG
FM146-027	20nb	92	
FM146-034	25nb	95	
FM146-043	32nb	100	
FM146-048	40nb	102	
FM146-060	50nb	108	
FM146-076	65nb	116	
FM146-089	80nb	122	
FM146-115	100nb	137	
FM146-140	125nb	150	
FM146-168	150nb	164	

FM146 LIGHT DUTY ROLLER GUIDE FOR COPPER PIPE			
PART NO.	PIPE SIZE	'A'	FINISH
FM146-015	15cu	84	POLY BROWN
FM146-020	20cu	88	
FM146-025	25cu	91	
FM146-032	32cu	94	
FM146-038	40cu	97	
FM146-051	50cu	104	
FM146-064	65cu	110	
FM146-076	80cu	116	
FM146-102	100cu	129	
FM146-127	125cu	144	
FM146-152	150cu	156	

FM148 - HEAVY DUTY ROLLER GUIDE

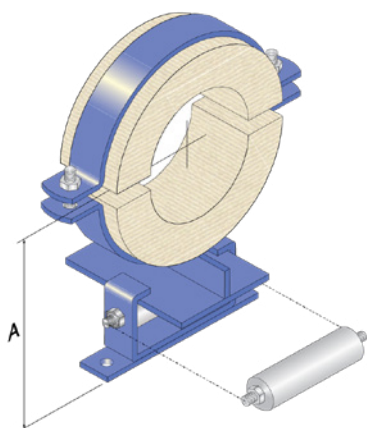


'A' DIMENSION IS A MINIMUM,
CAN BE INCREASED TO SUIT
INDIVIDUAL ON-SITE REQUIREMENTS

FM148 HEAVY DUTY ROLLER GUIDE FOR STEEL PIPE			
PART NO.	PIPE SIZE	'A'	FINISH
FM148-168	150nb	185	HDG
FM148-220	200nb	211	
FM148-273	250nb	238	
FM148-324	300nb	267	
FM148-355	350nb	283	
FM148-406	400nb	308	
FM148-508	500nb	360	
FM148-610	600nb	412	

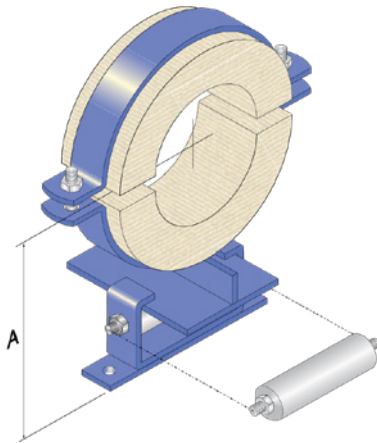
FM148 HEAVY DUTY ROLLER GUIDE FOR COPPER PIPE			
PART NO.	PIPE SIZE	'A'	FINISH
FM148-152	150cu	177	POLY BROWN
FM148-203	200cu	203	
FM148-254	250cu	228	
FM148-304	300cu	253	

FM147- LIGHT DUTY ROLLER GUIDE AND TIMBER FERRULE FOR STEEL PIPE



'A' DIMENSION IS A MINIMUM,
CAN BE INCREASED TO SUIT
INDIVIDUAL ON-SITE REQUIREMENTS

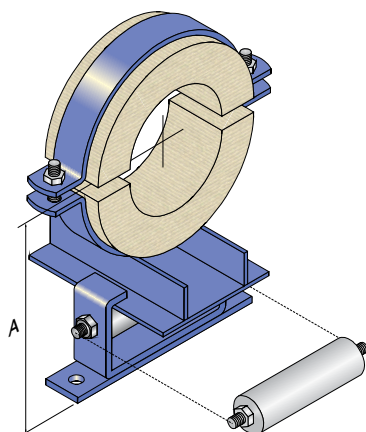
PART NO.	PIPE DIA.	INS.	FERRULE DIMENSIONS		'A'	FINISH
			DIAMETER	WIDTH		
FM147-015A	15nb	25	21.3 x 76		115	HDG
FM147-015B		38	21.3 x 102	40	129	
FM147-015C		50	21.3 x 127		144	
FM147-020A	20nb	25	26.7 x 76		116	
FM147-020B		38	26.7 x 102	40	129	
FM147-020C		50	26.7 x 127		144	
FM147-025A	25nb	25	33.4 x 83		120	
FM147-025B		38	33.4 x 115	40	136	
FM147-025C		50	33.4 x 140		150	
FM147-032A	32nb	25	42.2 x 89		123	
FM147-032B		38	42.2 x 115	40	136	
FM147-032C		50	42.2 x 140		150	
FM147-040A	40nb	25	48.3 x 102		129	
FM147-040B		38	48.3 x 127	40	144	
FM147-040C		50	48.3 x 152		156	
FM147-050A	50nb	25	60.3 x 115		136	
FM147-050B		38	60.3 x 140		150	
FM147-050C		50	60.3 x 165	40	163	
FM147-050G		63	60.3 x 190		175	
FM147-050H		75	60.3 x 203		180	
FM147-065A	65nb	25	73 x 127		144	
FM147-065B		38	73 x 152		156	
FM147-065C		50	73 x 178	40	169	
FM147-065G		63	73 x 203		180	
FM147-065H		75	73 x 228		194	
FM147-080A	80nb	25	88.9 x 140		150	
FM147-080B		38	88.9 x 165		163	
FM147-080C		50	88.9 x 190	40	175	
FM147-080G		63	88.9 x 220		190	
FM147-080H		75	88.9 x 240		200	
FM147-100A	100nb	25	114.3 x 165		163	
FM147-100B		38	114.3 x 190		175	
FM147-100C		50	114.3 x 220	40	190	
FM147-100G		63	114.3 x 240		200	
FM147-100H		75	114.3 x 268		214	

FM147 - LIGHT DUTY ROLLER GUIDE AND TIMBER FERRULE FOR COPPER PIPE


'A' DIMENSION IS A MINIMUM,
CAN BE INCREASED TO SUIT
INDIVIDUAL ON-SITE REQUIREMENTS

PART NO.	PIPE DIA.	INS.	FERRULE DIMENSIONS		'A'	FINISH
			DIAMETER	WIDTH		
FM147-015D		25	12.7 x 65		110	HDG
FM147-015E	15cu	38	12.7 x 89	40	123	
FM147-015F		50	12.7 x 115		136	
FM147-020D		25	19.1 x 70		114	
FM147-020E	20cu	38	19.1 x 102	40	129	
FM147-020F		50	19.1 x 127		144	
FM147-025D		25	25.4 x 76		116	
FM147-025E	25cu	38	25.4 x 102	40	129	
FM147-025F		50	25.4 x 127		144	
FM147-032D		25	31.8 x 83		120	
FM147-032E	32cu	38	31.8 x 114	40	136	
FM147-032F		50	31.8 x 140		150	
FM147-040D		25	38.1 x 89		123	
FM147-040E	40cu	38	38.1 x 114	40	136	
FM147-040F		50	38.1 x 140		150	
FM147-050D		25	50.8 x 102		129	
FM147-050E		38	50.8 x 127		144	
FM147-050F	50cu	50	50.8 x 152	40	156	
FM147-050J		63	50.8 x 178		169	
FM147-050K		75	50.8 x 203		181	
FM147-065D		25	65 x 115		136	
FM147-065E		38	63.5 x 140		150	
FM147-065F	65cu	50	63.5 x 165	40	163	
FM147-065J		63	63.5 x 190		175	
FM147-065K		75	63.5 x 220		190	
FM147-080D		25	76.2 x 127		144	
FM147-080E		38	76.2 x 152		156	
FM147-080F	80cu	50	76.2 x 178	40	169	
FM147-080J		63	76.2 x 203		181	
FM147-080K		75	76.2 x 228		194	
FM147-100D		25	101.6 x 152		156	
FM147-100E		38	101.6 x 178		169	
FM147-100F	100cu	50	101.6 x 203	40	181	
FM147-100J		63	101.6 x 228		194	
FM147-100K		75	101.6 x 252		206	

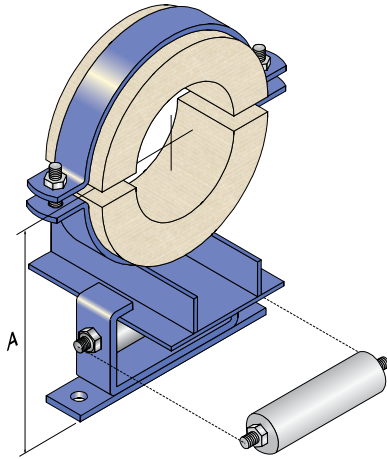
FM149 - HEAVY DUTY ROLLER GUIDE AND TIMBER FERRULE FOR STEEL PIPE



'A' DIMENSION IS A MINIMUM,
CAN BE INCREASED TO SUIT
INDIVIDUAL ON-SITE REQUIREMENTS

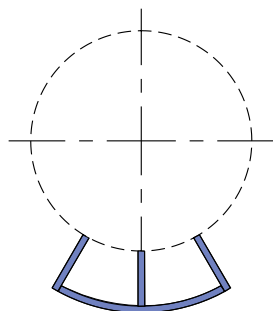
PART NO.	PIPE DIA.	INS.	FERRULE DIMENSIONS		'A'	FINISH
			DIAMETER	WIDTH		
FM149-125A		25	141.3 x 190		195	HDG
FM149-125B		38	141.3 x 220		210	
FM149-125C	125nb	50	141.3 x 240	40	220	
FM149-125G		63	141.3 x 268		235	
FM149-125H		75	141.3 x 300		251	
FM149-150A		25	168.3 x 220		210	
FM149-150B		38	168.3 x 240		220	
FM149-150C	150nb	50	168.3 x 268	40	235	
FM149-150G		63	168.3 x 300		251	
FM149-150H		75	168.3 x 324		263	
FM149-200A		25	219.1 x 275		238	
FM149-200B		38	219.1 x 303		251	
FM149-200C	200nb	50	219.1 x 324	40	263	
FM149-200G		63	219.1 x 355		279	
FM149-200H		75	219.1 x 375		289	
FM149-250A		25	273 x 324		263	
FM149-250B		38	273 x 356		279	
FM149-250C	250nb	50	273 x 375	80	289	
FM149-250G		63	273 x 406		304	
FM149-250H		75	273 x 424		313	
FM149-300A		25	324 x 375		289	
FM149-300B		38	324 x 406		308	
FM149-300C	300nb	50	324 x 424	80	317	
FM149-300G		63	324 x 456		333	
FM149-300H		75	324 x 475		342	
FM149-350A		25	355.6 x 406		308	
FM149-350B		38	355.6 x 424		317	
FM149-350C	350nb	50	355.6 x 456	80	334	
FM149-350G		63	355.6 x 486		348	
FM149-350H		75	355.6 x 508		359	
FM149-400A		25	406.4 x 457		334	
FM149-400B		38	406.4 x 486		345	
FM149-400C	400nb	50	406.4 x 508	80	359	
FM149-400G		63	406.4 x 536		373	
FM149-400H		75	406.4 x 557		384	
FM149-450A		25	457 x 508		359	
FM149-450B		38	457 x 536		372	
FM149-450C	450nb	50	457 x 557	80	384	
FM149-450G		63	457 x 587		396	
FM149-450H		75	457 x 608		416	

FM149 - HEAVY DUTY ROLLER GUIDE AND TIMBER FERRULE FOR COPPER PIPE

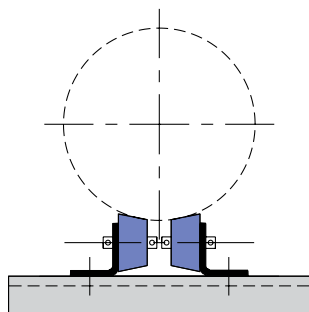


'A' DIMENSION IS A MINIMUM,
CAN BE INCREASED TO SUIT
INDIVIDUAL ON-SITE REQUIREMENTS

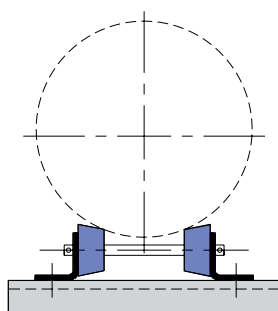
PART NO.	PIPE DIA.	INS.	FERRULE DIMENSIONS		'A'	FINISH
			DIAMETER	WIDTH		
FM149-125D		25	127 x 178		189	HDG
FM149-125E		38	127 x 203		202	
FM149-125F	125cu	50	127 x 228	40	214	
FM149-125J		63	127 x 252		226	
FM149-125K		75	127 x 275		236	
FM149-150D		25	152.4 x 203		202	
FM149-150E		38	152.4 x 228		214	
FM149-150F	150cu	50	152.4 x 252	40	226	
FM149-150J		63	152.4 x 275		238	
FM149-150K		75	152.4 x 303		251	
FM149-200D		25	203.2 x 252		226	
FM149-200E		38	203.2 x 275		238	
FM149-200F	200cu	50	203.2 x 303	40	251	
FM149-200J		63	203.2 x 324		263	
FM149-200K		75	203.2 x 355		279	
FM149-250D		25	254 x 300		251	
FM149-250E		38	254 x 324		266	
FM149-250F	250cu	50	254 x 355	80	279	
FM149-250J		63	254 x 375		289	
FM149-250K		75	254 x 406		304	

FM193 - PIPE SPIDER


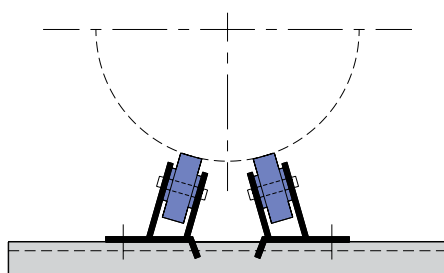
PART NO.	FINISH
FM193	PLAIN & HDG
SPECIFY I.D. x O.D. LENGTH	

FM194 - PIPE ROLLERS


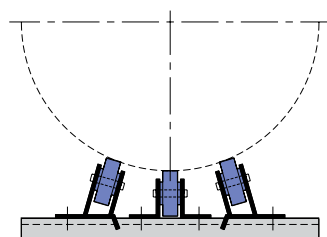
PART NO.	FINISH
FM194	HDG
ADJUSTABLE FOR PIPES 15nb TO 150nb	

FM195 - PIPE ROLLER ASSEMBLY


PART NO.	PIPE DIA.	FINISH
FM195-1	UP TO 125nb	HDG
FM195-2	125nb TO 200nb	
FM195-3	200nb TO 300nb	
FM195-4	300nb TO 400nb	

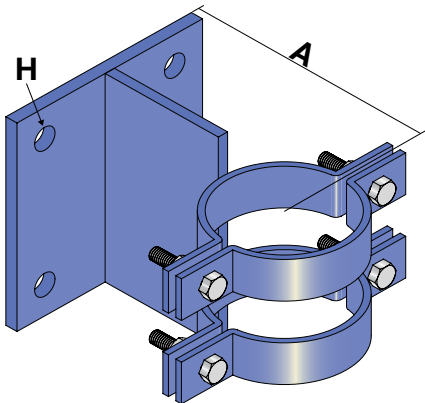
FM196 - PIPE ROLLERS


PART NO.	FINISH
FM196	HDG
ADJUSTABLE FOR PIPES 150nb TO 450nb	

FM197 - PIPE ROLLERS


PART NO.	FINISH
FM197	HDG
ADJUSTABLE FOR PIPES 400nb TO 600nb	

TYPE 1 WALL MOUNTED ANCHOR TO SUIT STEEL PIPE



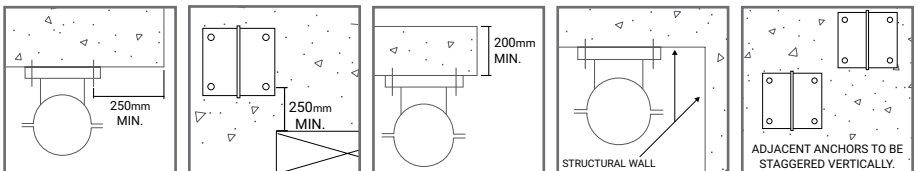
INSTALLATION NOTES

1. CONCRETE STRENGTH 25MPa MIN.
2. CONCRETE WALL THICKNESS 200mm MIN.
3. **TYPE 1** PIPE CLAMP BOLTS TO BE:
CLASS 4.6 M6/10 ZINC BOLTS TORQUED TO
3.5Nm FOR M6 BOLTS, 17NM FOR M10 BOLTS.
4. CONCRETE ANCHORS TO BE INSTALLED TO
MANUFACTURER'S RECOMMENDATIONS.
5. MINIMUM CONCRETE EDGE DISTANCE 250mm

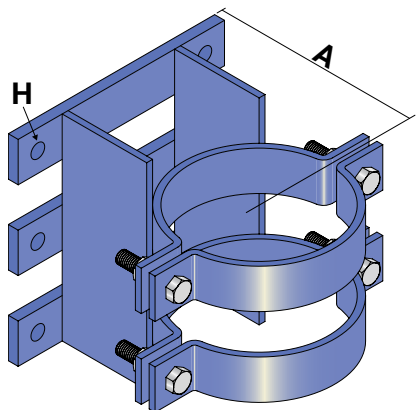
PART NO.	PIPE SIZE	STANDARD 'A'	'H'	MAX LOAD	FINISH
		mm	mm	kg	
FM191A-1-021	15nb	54	11Ø	50	PAINTED GREY OXIDE & HDG
FM191A-1-027	20nb	57	11Ø	50	
FM191A-1-034	25nb	60	11Ø	50	
FM191A-1-043	32nb	65	11Ø	50	
FM191A-1-048	40nb	67	11Ø	50	
FM191A-1-060	50nb	73	11Ø	50	
FM191A-1-073	65nb	81	11Ø	50	
FM191A-1-089	80nb	88	11Ø	50	
FM191A-1-115	100nb	101	11Ø	100	
FM191A-1-140	125nb	115	11Ø	100	
FM191A-1-168	150nb	129	11Ø	100	
MAX 'A' DIMENSION = 200mm					

TYPE 1 REQUIRED FIXINGS

FIXINGS	hef	EMBEDMENT
	mm	mm
4 x ICCONS M10 FM753 - CRACK NAUTILUS M10 THROUGH BOLT	60	67



TYPE 2 WALL MOUNTED ANCHOR TO SUIT STEEL PIPE



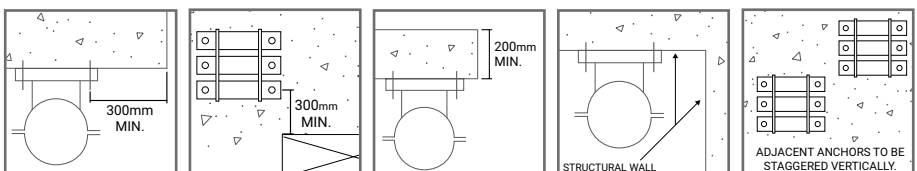
INSTALLATION NOTES

1. CONCRETE STRENGTH 25MPa MIN.
2. CONCRETE WALL THICKNESS 200mm MIN.
3. **TYPE 2** PIPE CLAMP BOLTS TO BE:
CLASS 8.8 M12 ZINC BOLTS TORQUED TO 50Nm
4. CONCRETE ANCHORS TO BE INSTALLED TO
MANUFACTURER'S RECOMMENDATIONS.
5. MINIMUM CONCRETE EDGE DISTANCE 300mm

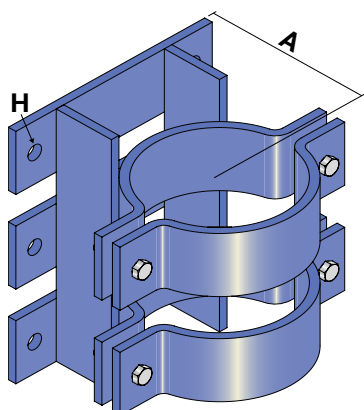
PART NO.	PIPE SIZE	STANDARD 'A'	'H'	MAX LOAD	ARRANGEMENT	FINISH
		mm	mm	kg		
FM191A-2-021	15nb	54	14Ø	500	SINGLE FIN	PAINTED GREY OXIDE & HDG
FM191A-2-027	20nb	57	14Ø	500		
FM191A-2-034	25nb	60	14Ø	500		
FM191A-2-043	32nb	65	14Ø	500	DOUBLE FIN	
FM191A-2-048	40nb	67	14Ø	500		
FM191A-2-060	50nb	73	14Ø	500		
FM191A-2-073	65nb	81	14Ø	500		
FM191A-2-089	80nb	88	14Ø	500		
FM191A-2-115	100nb	101	14Ø	500		
FM191A-2-140	125nb	115	14Ø	500		
FM191A-2-168	150nb	129	14Ø	500		
FM191A-2-220	200nb	168	14Ø	500		
MAX 'A' DIMENSION = 250mm						

TYPE 2 REQUIRED FIXINGS

FIXINGS	hef	EMBEDMENT
	mm	mm
6 x ICCONS M12 FM753 - CRACK NAUTILUS M12 THROUGH BOLT	72	81



TYPE 3 WALL MOUNTED ANCHOR TO SUIT STEEL PIPE



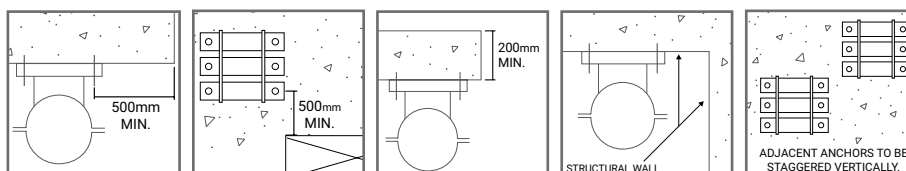
INSTALLATION NOTES

1. CONCRETE STRENGTH 25MPa MIN.
2. CONCRETE WALL THICKNESS 200mm MIN.
3. **TYPE 3** PIPE CLAMP BOLTS TO BE: CLASS 8.8 M20 ZINC BOLTS TORQUED TO 143Nm.
4. **TYPE 3** PIPE CLAMPS MUST BE WELDED TO PIPE AFTER INITIAL PLACEMENT. 4mm FW 4x40mm RUNS TO EACH CLAMP MIN. WELD STRENGTH 490MPa.
4. CONCRETE ANCHORS TO BE INSTALLED TO MANUFACTURER'S RECOMMENDATIONS.
5. MINIMUM CONCRETE EDGE DISTANCE 500mm

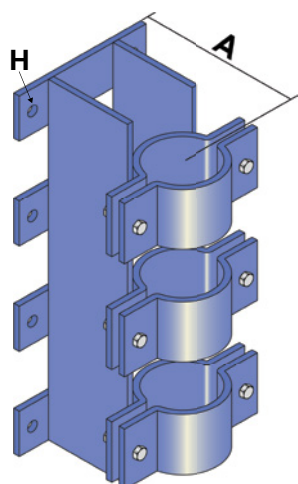
PART NO.	PIPE SIZE	STANDARD 'A'	'H'	MAX LOAD	FINISH
		mm	mm	kg	
FM191A-3-073	65nb	81	18Ø	1500	PAINTED GREY OXIDE & HDG
FM191A-3-089	80nb	88	18Ø	1500	
FM191A-3-115	100nb	101	18Ø	1500	
FM191A-3-140	125nb	115	18Ø	1500	
FM191A-3-168	150nb	142	18Ø	1500	
FM191A-3-220	200nb	168	18Ø	1500	
FM191A-3-273	250nb	195	18Ø	1500	
MAX 'A' DIMENSION = 250mm					

TYPE 3 REQUIRED FIXINGS

FIXINGS	hef	EMBEDMENT
	mm	mm
6 x ICCONS M16 FM753 - CRACK NAUTILUS M16 THROUGH BOLT	86	97



TYPE 4 WALL MOUNTED ANCHOR TO SUIT STEEL PIPE



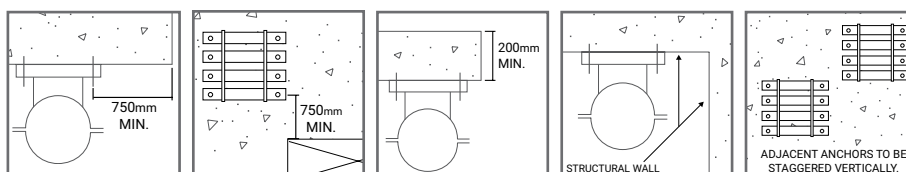
INSTALLATION NOTES

1. CONCRETE STRENGTH 25MPa MIN.
2. CONCRETE WALL THICKNESS 200mm MIN.
3. **TYPE 4** PIPE CLAMP BOLTS TO BE: CLASS 8.8 M20 ZINC BOLTS TORQUED TO 120Nm.
4. **TYPE 4** PIPE CLAMPS MUST BE WELDED TO PIPE AFTER INITIAL PLACEMENT. 4mm FW 4x40mm RUNS TO EACH CLAMP MIN. WELD TENSILE STRENGTH 490MPa.
4. CONCRETE ANCHORS TO BE INSTALLED TO MANUFACTURER'S RECOMMENDATIONS.
5. MINIMUM CONCRETE EDGE DISTANCE 750mm

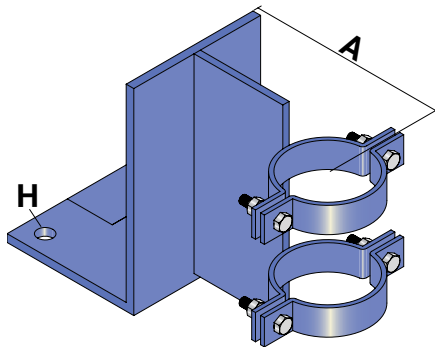
PART NO.	PIPE SIZE	STANDARD 'A'	'H'	MAX LOAD	FINISH
		mm	mm	kg	
FM191A-4-073	65nb	81	18Ø	3000	PAINTED GREY OXIDE & HDG
FM191A-4-089	80nb	88	18Ø	3000	
FM191A-4-115	100nb	101	18Ø	3000	
FM191A-4-140	125nb	121	18Ø	3000	
FM191A-4-168	150nb	142	18Ø	3000	
FM191A-4-220	200nb	168	18Ø	3000	
FM191A-4-273	250nb	195	18Ø	3000	
MAX 'A' DIMENSION = 250mm					

TYPE 4 REQUIRED FIXINGS

FIXINGS	hef	EMBEDMENT
	mm	mm
8 x ICCONS M16 FM753 - CRACK NAUTILUS M16 THROUGH BOLT	86	97



TYPE 1 FLOOR MOUNTED ANCHOR TO SUIT STEEL PIPE



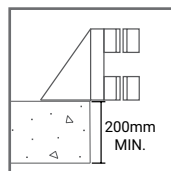
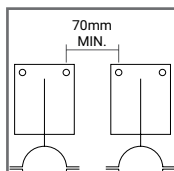
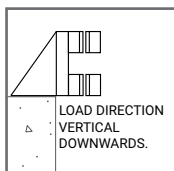
INSTALLATION NOTES

1. CONCRETE STRENGTH 25MPa MIN.
2. CONCRETE SLAB THICKNESS 200mm MIN.
3. **TYPE 1** PIPE CLAMP BOLTS TO BE:
CLASS 4.6 M6/10 ZINC BOLTS TORQUED TO
3.5Nm FOR M6 BOLTS, 17Nm FOR M10 BOLTS.
4. CONCRETE ANCHORS TO BE INSTALLED TO
MANUFACTURER'S RECOMMENDATIONS.
5. **TYPE 1** MINIMUM CONCRETE ANCHOR
EDGE DISTANCE 85mm.
6. **TYPE 1** MINIMUM ANCHOR SPACING 70mm.
7. LOAD DIRECTION IS VERTICAL DOWNWARD.
8. ANCHOR BRACKET TO BE MOUNTED
TO TOP OF FLOOR SLAB.
9. ANCHOR MOUNTING PLATE TO BEAR
COMPLETELY ON FLOOR SLAB (NO OVER HANG)

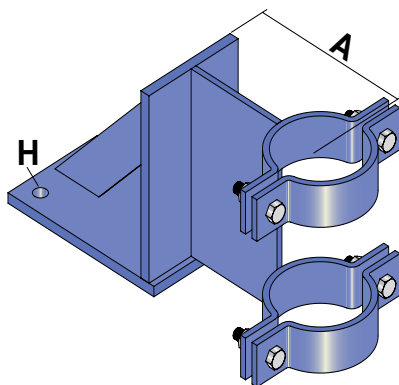
PART NO.	PIPE SIZE	STANDARD 'A'	'H'	MAX LOAD	FINISH
		mm	mm	kg	
FM191-1-021	15nb	54	11Ø	50	PAINTED GREY OXIDE & HDG
FM191-1-027	20nb	57	11Ø	50	
FM191-1-034	25nb	60	11Ø	50	
FM191-1-043	32nb	65	11Ø	50	
FM191-1-048	40nb	67	11Ø	50	
FM191-1-060	50nb	73	11Ø	50	
FM191-1-073	65nb	81	11Ø	50	
FM191-1-089	80nb	88	11Ø	50	
FM191-1-115	100nb	101	11Ø	100	
FM191-1-140	125nb	115	11Ø	100	
FM191-1-168	150nb	129	11Ø	100	
MAX 'A' DIMENSION = 200mm					

TYPE 1 REQUIRED FIXINGS

FIXINGS	hef	EMBEDMENT
	mm	mm
2 x ICCONS M10 FM753 - CRACK NAUTILUS M10 THROUGH BOLT	60	67



TYPE 2 FLOOR MOUNTED ANCHOR TO SUIT STEEL PIPE



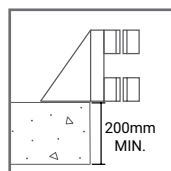
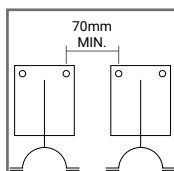
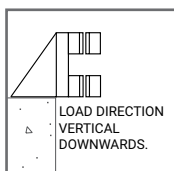
INSTALLATION NOTES

1. CONCRETE STRENGTH 25MPa MIN.
2. CONCRETE SLAB THICKNESS 200mm MIN.
3. **TYPE 2** PIPE CLAMP BOLTS TO BE:
CLASS 8.8 M12 ZINC BOLTS TORQUED TO 50Nm.
4. CONCRETE ANCHORS TO BE INSTALLED TO
MANUFACTURER'S RECOMMENDATIONS.
5. **TYPE 2** MINIMUM CONCRETE ANCHOR EDGE
DISTANCE 160mm.
6. **TYPE 2** MINIMUM ANCHOR SPACING 70mm
7. LOAD DIRECTION IS VERTICAL DOWNWARD.
8. ANCHOR BRACKET TO BE MOUNTED
TO TOP OF FLOOR SLAB.
9. ANCHOR MOUNTING PLATE TO BEAR
COMPLETELY ON FLOOR SLAB (NO OVER HANG)

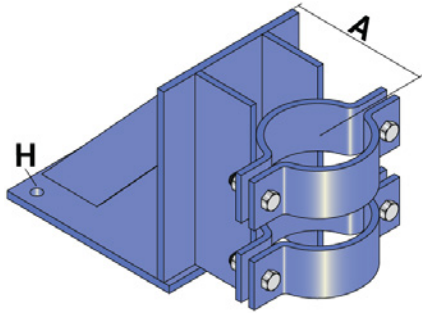
PART NO.	PIPE SIZE	STANDARD 'A'	'H'	FINISH
		mm	mm	
FM191-2-021	15nb	54	140	PAINTED GREY OXIDE & HDG
FM191-2-027	20nb	57	140	
FM191-2-034	25nb	60	140	
FM191-2-043	32nb	65	140	
FM191-2-048	40nb	67	140	
FM191-2-060	50nb	73	140	
FM191-2-073	65nb	81	140	
FM191-2-089	80nb	88	140	
FM191-2-115	100nb	101	140	
FM191-2-140	125nb	115	140	
FM191-2-168	150nb	129	140	
FM191-2-220	200nb	168	140	

MAXIMUM WORKING LOAD & 'A' DIMENSION

FIXINGS	'A' DIMENSION	hef	EMBEDMENT	WORKING LOAD
	mm	mm	mm	kg
2 x ICCONS M12 FM753 - CRACK NAUTILUS M12 THROUGH BOLT	200	72	81	500
2 x M12 THREADED ROD WITH ICCON BIS-HY ADHESIVE	250	70	70	500



TYPE 3 FLOOR MOUNTED ANCHOR TO SUIT STEEL PIPE



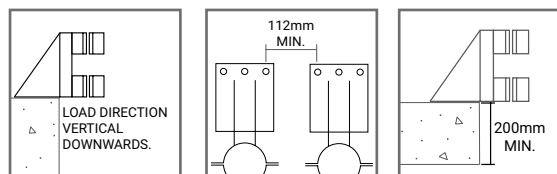
INSTALLATION NOTES

1. CONCRETE STRENGTH 25MPa MIN.
2. CONCRETE SLAB THICKNESS 200mm MIN.
3. **TYPE 3** PIPE CLAMP BOLTS TO BE: CLASS 8.8 M20 ZINC BOLTS TORQUED TO 120Nm.
4. CONCRETE ANCHORS TO BE INSTALLED TO MANUFACTURERS RECOMMENDATIONS.
5. **TYPE 3** PIPE CLAMPS MUST BE WELDED TO PIPE AFTER INITIAL PLACEMENT. 4mm FW 4X40mm RUNS TO EACH CLAMP, MIN. WELD STRENGTH 490MPa.
6. **TYPE 3** MINIMUM CONCRETE ANCHOR EDGE DISTANCE 270mm
7. **TYPE 3** MINIMUM ANCHOR SPACING 112mm.
8. LOAD DIRECTION IS VERTICAL DOWNWARDS.
9. ANCHOR BRACKET TO BE MOUNTED TO TOP OF FLOOR SLAB.
10. ANCHOR MOUNTING PLATE TO BEAR COMPLETELY ON FLOOR SLAB (NO OVER HANG)

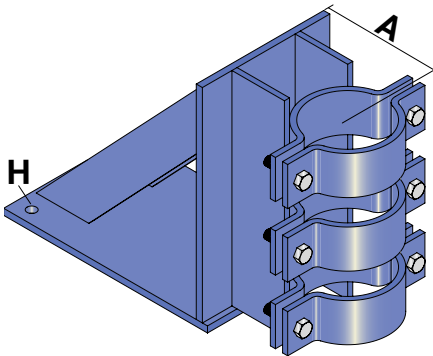
PART NO.	PIPE SIZE	STANDARD 'A'	'H'	FINISH
		mm	mm	
FM191-3-073	65nb	81	180	PAINTED GREY OXIDE & HDG
FM191-3-089	80nb	88	180	
FM191-3-115	100nb	101	180	
FM191-3-140	125nb	125	180	
FM191-3-168	150nb	142	180	
FM191-3-220	200nb	168	180	
FM191-3-273	250nb	195	180	

MAXIMUM WORKING LOAD & 'A' DIMENSION

FIXINGS	'A' DIMENSION	hef	EMBEDMENT	WORKING LOAD
	mm	mm	mm	kg
3 x ICCONS M16 FM753 - CRACK NAUTILUS M16 THROUGH BOLT	200	86	97	1200
3 x M16 THREADED ROD WITH ICCON BIS-HY ADHESIVE	250	120	120	1500



TYPE 4 FLOOR MOUNTED ANCHOR TO SUIT STEEL PIPE



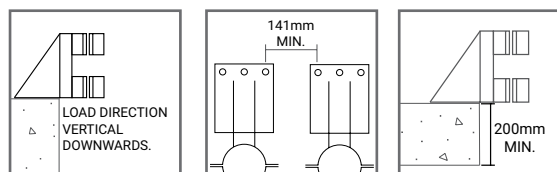
INSTALLATION NOTES

1. CONCRETE STRENGTH 25MPa MIN.
2. CONCRETE SLAB THICKNESS 200mm MIN.
3. **TYPE 4** PIPE CLAMP BOLTS TO BE: CLASS 8.8 M20 ZINC BOLTS TORQUED TO 120Nm.
4. CONCRETE ANCHORS TO BE INSTALLED TO MANUFACTURERS RECOMMENDATIONS.
5. **TYPE 4** PIPE CLAMPS MUST BE WELDED TO PIPE AFTER INITIAL PLACEMENT. 4mm FW 4X40mm RUNS TO EACH CLAMP, MIN. WELD STRENGTH 490MPa.
6. **TYPE 4** MINIMUM CONCRETE ANCHOR EDGE DISTANCE 370mm
7. **TYPE 4** MINIMUM ANCHOR SPACING 141mm
8. LOAD DIRECTION IS VERTICAL DOWNWARDS.
9. ANCHOR BRACKET TO BE MOUNTED TO TOP OF FLOOR SLAB.
10. ANCHOR MOUNTING PLATE TO BEAR COMPLETELY ON FLOOR SLAB (NO OVER HANG)

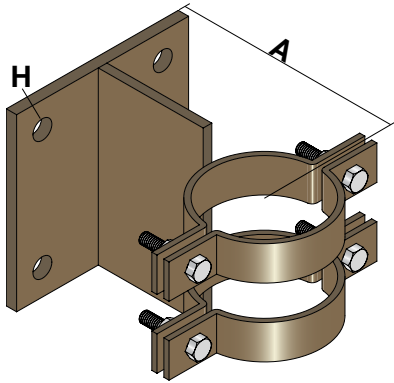
PART NO.	PIPE SIZE	STANDARD 'A'	'H'	FINISH
		mm	mm	
FM191-4-060	50nb	73	180	PAINTED GREY OXIDE & HDG
FM191-4-073	65nb	81	180	
FM191-4-089	80nb	88	180	
FM191-4-115	100nb	101	180	
FM191-4-140	125nb	121	180	
FM191-4-168	150nb	142	180	
FM191-4-220	200nb	195	180	

MAXIMUM WORKING LOAD & 'A' DIMENSION

FIXINGS	'A' DIMENSION	hef	EMBEDMENT	WORKING LOAD
	mm	mm	mm	kg
3 x ICCONS M16 FM753 - CRACK NAUTILUS M16 THROUGH BOLT	180	86	97	2200
3 x M16 THREADED ROD WITH ICCON BIS-HY ADHESIVE	250	120	120	3000



TYPE 1 WALL MOUNTED ANCHOR TO SUIT COPPER PIPE



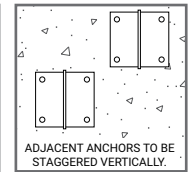
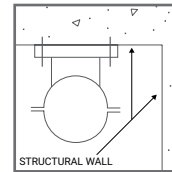
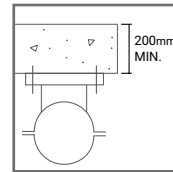
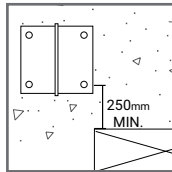
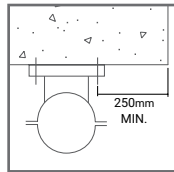
INSTALLATION NOTES

1. CONCRETE STRENGTH 25MPa MIN.
2. CONCRETE WALL THICKNESS 200mm MIN.
3. **TYPE 1** PIPE CLAMP BOLTS TO BE: CLASS 4.6 M6/10 ZINC BOLTS TORQUED TO 3.5Nm FOR M6 BOLTS & 17Nm FOR M10 BOLTS.
4. CONCRETE ANCHORS TO BE INSTALLED TO MANUFACTURERS RECOMMENDATIONS.
5. **TYPE 1** MINIMUM CONCRETE ANCHOR EDGE DISTANCE 250mm.
6. LOAD DIRECTION ARE VERTICAL DOWNWARDS OR UPWARDS.
7. ANCHOR BRACKET TO BE MOUNTED TO CONCRETE WALL.

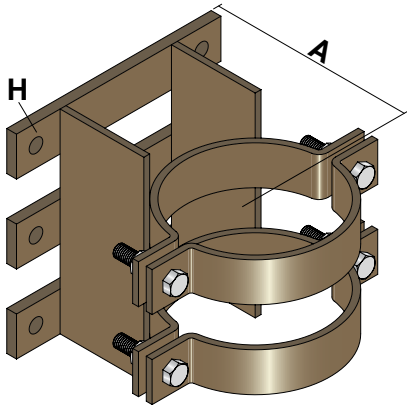
PART NO.	PIPE SIZE	STANDARD 'A'	'H'	MAX LOAD	FINISH
		mm	mm	kg	
FM191A-1-015	15cu	49	11Ø	50	POLY BROWN
FM191A-1-020	20cu	53	11Ø	50	
FM191A-1-025	25cu	56	11Ø	50	
FM191A-1-032	32cu	59	11Ø	50	
FM191A-1-038	40cu	62	11Ø	50	
FM191A-1-051	50cu	73	11Ø	50	
FM191A-1-064	65cu	76	11Ø	50	
FM191A-1-076	80cu	81	11Ø	50	
FM191A-1-102	100cu	94	11Ø	100	
FM191A-1-127	125cu	108	11Ø	100	
FM191A-1-152	150cu	121	11Ø	100	
FM191A-1-203	200cu	160	11Ø	100	
MAX 'A' DIMENSION = 200mm					

TYPE 1 REQUIRED FIXINGS

PART NO.	hef	EMBEDMENT
	mm	mm
4 x ICCONS M10 FM753 - CRACK NAUTILUS M10 THROUGH BOLT	60	67



TYPE 2 WALL MOUNTED ANCHOR TO SUIT COPPER PIPE



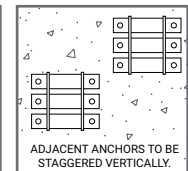
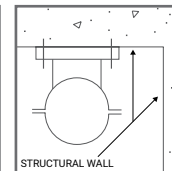
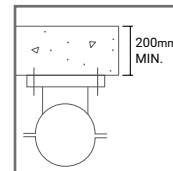
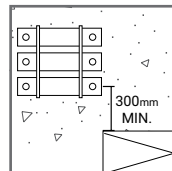
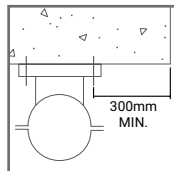
INSTALLATION NOTES

1. CONCRETE STRENGTH 25MPa MIN.
2. CONCRETE WALL THICKNESS 200mm MIN.
3. **TYPE 2** PIPE CLAMP BOLTS TO BE: CLASS 8.8 M12 ZINC BOLTS TORQUED TO 50Nm
4. CONCRETE ANCHORS TO BE INSTALLED TO MANUFACTURERS RECOMMENDATIONS.
5. **TYPE 2** MINIMUM CONCRETE ANCHOR EDGE DISTANCE 300mm.
6. LOAD DIRECTIONS ARE VERTICAL DOWNWARDS OR UPWARDS.
7. ANCHOR BRACKET TO BE MOUNTED TO CONCRETE WALL.

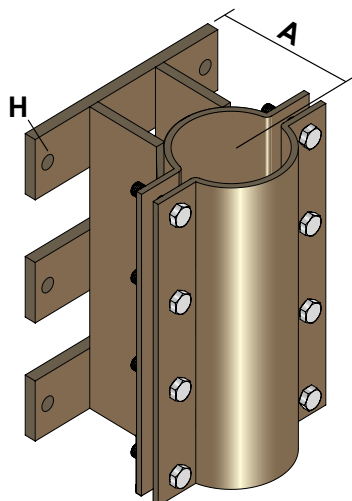
PART NO.	PIPE SIZE	STANDARD 'A'	'H'	MAX LOAD	ARRANGEMENT	FINISH
		mm	mm	kg		
FM191A-2-015	15cu	49	14Ø	500	SINGLE FIN	POLY BROWN
FM191A-2-020	20cu	53	14Ø	500		
FM191A-2-025	25cu	56	14Ø	500		
FM191A-2-032	32cu	59	14Ø	500		
FM191A-2-038	40cu	62	14Ø	500		
FM191A-2-051	50cu	73	14Ø	500	DOUBLE FIN	
FM191A-2-064	65cu	76	14Ø	500		
FM191A-2-076	80cu	81	14Ø	500		
FM191A-2-102	100cu	94	14Ø	500		
FM191A-2-127	125cu	108	14Ø	500		
FM191A-2-152	150cu	121	14Ø	500		
FM191A-2-203	200cu	160	14Ø	500		
MAX 'A' DIMENSION = 250mm						

TYPE 2 REQUIRED FIXINGS

FIXINGS	hef	EMBEDMENT
	mm	mm
6 x ICCONS M12 FM753 - CRACK NAUTILUS M12 THROUGH BOLT	72	81



TYPE 3 WALL MOUNTED ANCHOR TO SUIT COPPER PIPE



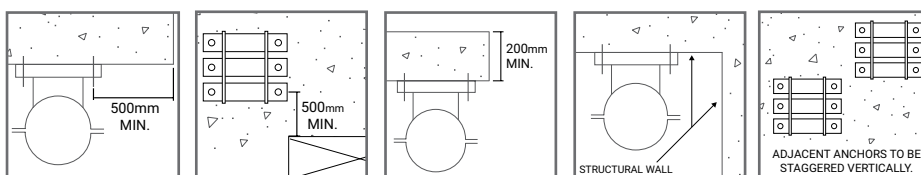
INSTALLATION NOTES

1. CONCRETE STRENGTH 25MPa MIN.
2. CONCRETE WALL THICKNESS 200mm MIN.
3. **TYPE 3** PIPE CLAMP BOLTS TO BE: CLASS 8.8 M12 ZINC BOLTS TORQUED TO 50Nm.
4. CONCRETE ANCHORS TO BE INSTALLED TO MANUFACTURERS RECOMMENDATIONS.
5. **TYPE 3** MINIMUM CONCRETE ANCHOR EDGE DISTANCE 500mm.
6. LOAD DIRECTIONS ARE VERTICAL DOWNWARDS OR UPWARDS
7. ANCHOR BRACKET TO BE MOUNTED TO CONCRETE WALL.

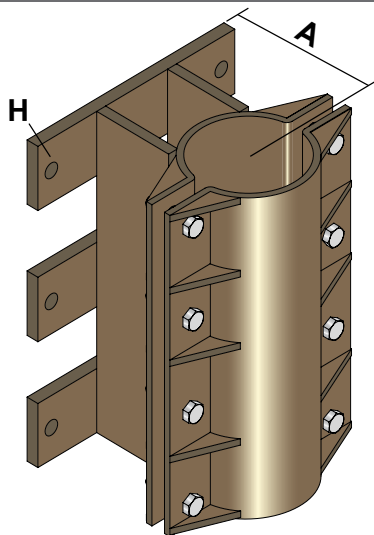
PART NO.	PIPE SIZE	STANDARD 'A'	'H'	MAX LOAD	FINISH
		mm	mm	kg	
FM191A-3-064	65cu	76	18Ø	1500	POLY BROWN
FM191A-3-076	80cu	81	18Ø	1500	
FM191A-3-102	100cu	94	18Ø	1500	
FM191A-3-127	125cu	108	18Ø	1500	
FM191A-3-152	150cu	134	18Ø	1500	
FM191A-3-203	200cu	160	18Ø	1500	
MAX 'A' DIMENSION = 250mm					

TYPE 3 REQUIRED FIXINGS

FIXINGS	hef	EMBEDMENT
	mm	mm
6 x ICCONS M16 FM753 - CRACK NAUTILUS M16 THROUGH BOLT	86	97



TYPE 4 WALL MOUNTED ANCHOR TO SUIT COPPER PIPE



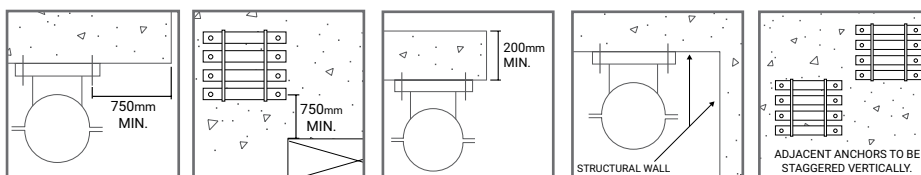
INSTALLATION NOTES

1. CONCRETE STRENGTH 25MPa MIN.
2. CONCRETE WALL THICKNESS 200mm MIN.
3. **TYPE 4** PIPE CLAMP BOLTS TO BE: CLASS 8.8 M12 ZINC BOLTS TORQUED TO 50Nm
4. CONCRETE ANCHORS TO BE INSTALLED TO MANUFACTURERS RECOMMENDATIONS.
5. **TYPE 4** MINIMUM CONCRETE ANCHOR EDGE DISTANCE 750mm.
6. LOAD DIRECTION ARE VERTICAL DOWNWARDS OR UPWARDS.
7. ANCHOR BRACKET TO BE MOUNTED TO CONCRETE WALL.

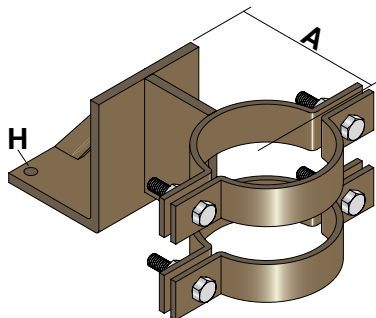
PART NO.	PIPE SIZE	STANDARD 'A'	'H'	MAX LOAD	FINISH
		mm	mm	kg	
FM191A-4-064	65cu	76	18Ø	3000	POLY BROWN
FM191A-4-076	80cu	81	18Ø	3000	
FM191A-4-102	100cu	94	18Ø	3000	
FM191A-4-127	125cu	108	18Ø	3000	
FM191A-4-152	150cu	134	18Ø	3000	
FM191A-4-203	200cu	160	18Ø	3000	
MAX 'A' DIMENSION = 250mm					

TYPE 4 REQUIRED FIXINGS

FIXINGS	hef	EMBEDMENT
	mm	mm
6 x ICCONS M16 FM753 - CRACK NAUTILUS M16 THROUGH BOLT	86	97



TYPE 1 FLOOR MOUNTED ANCHOR FOR COPPER PIPE



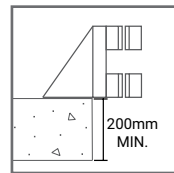
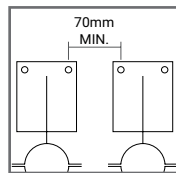
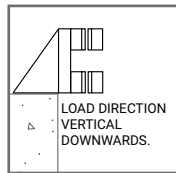
INSTALLATION NOTES

1. CONCRETE STRENGTH 25MPa MIN.
2. CONCRETE SLAB THICKNESS 200mm MIN.
3. **TYPE 1** PIPE CLAMP BOLTS TO BE: CLASS 4.6 M6/10 ZINC BOLTS TORQUED TO 3.5Nm FOR M6 BOLTS & 17Nm FOR M10 BOLTS.
4. CONCRETE ANCHORS TO BE INSTALLED TO MANUFACTURERS RECOMMENDATIONS.
5. **TYPE 1** MINIMUM CONCRETE ANCHOR EDGE DISTANCE 160mm.
6. **TYPE 1** MINIMUM SPACING IS 70mm.
7. LOAD DIRECTION IS VERTICAL DOWNWARDS.
8. ANCHOR BRACKET TO BE MOUNTED TO TOP OF FLOOR SLAB.
9. ANCHOR MOUNTING PLATE TO BEAR COMPLETELY ON FLOOR SLAB (NO OVER HANG).

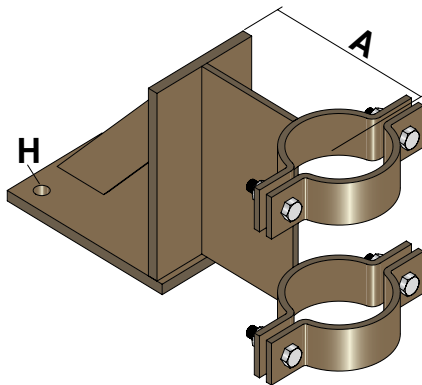
PART NO.	PIPE SIZE	STANDARD 'A'	'H'	MAX LOAD	FINISH
		mm	mm	kg	
FM191-1-015	15cu	49	11Ø	50	POLY BROWN
FM191-1-020	20cu	53	11Ø	50	
FM191-1-025	25cu	56	11Ø	50	
FM191-1-032	32cu	59	11Ø	50	
FM191-1-038	40cu	62	11Ø	50	
FM191-1-051	50cu	73	11Ø	50	
FM191-1-064	65cu	76	11Ø	50	
FM191-1-076	80cu	81	11Ø	50	
FM191-1-102	100cu	94	11Ø	100	
FM191-1-127	125cu	108	11Ø	100	
FM191-1-152	150cu	121	11Ø	100	
FM191-1-203	200cu	160	11Ø	100	
MAX 'A' DIMENSION = 200mm					

TYPE 1 REQUIRED FIXINGS

PART NO.	hef	EMBEDMENT
	mm	mm
2 x ICCONS M10 FM753 - CRACK NAUTILUS M10 THROUGH BOLT	60	67



TYPE 2 FLOOR MOUNTED ANCHOR FOR COPPER PIPE



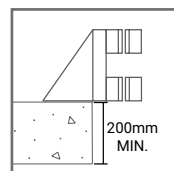
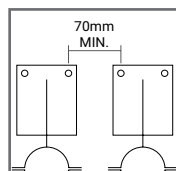
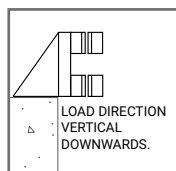
INSTALLATION NOTES

1. CONCRETE STRENGTH 25MPa MIN.
2. CONCRETE SLAB THICKNESS 200mm MIN.
3. **TYPE 2** PIPE CLAMP BOLTS TO BE: CLASS 8.8 M12 ZINC BOLTS TORQUED TO 50Nm.
4. CONCRETE ANCHORS TO BE INSTALLED TO MANUFACTURERS RECOMMENDATIONS.
5. **TYPE 2** MINIMUM CONCRETE ANCHOR EDGE DISTANCE 160mm.
6. **TYPE 2** MINIMUM ANCHOR SPACING 70mm.
7. LOAD DIRECTION IS VERTICAL DOWNWARDS.
8. ANCHOR BRACKET TO BE MOUNTED TO TOP OF FLOOR SLAB.
9. ANCHOR MOUNTING PLATE TO BEAR COMPLETELY ON FLOOR SLAB (NO OVER HANG).

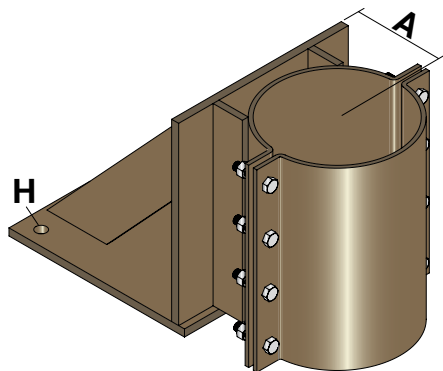
PART NO.	PIPE SIZE	STANDARD 'A'	'H'	FINISH
		mm	mm	
FM191-2-032	32cu	59	14Ø	POLY BROWN
FM191-2-038	40cu	62	14Ø	
FM191-2-051	50cu	73	14Ø	
FM191-2-064	65cu	76	14Ø	
FM191-2-076	80cu	81	14Ø	
FM191-2-102	100cu	94	14Ø	
FM191-2-127	125cu	108	14Ø	
FM191-2-152	150cu	121	14Ø	
FM191-2-203	200cu	160	14Ø	

MAXIMUM WORKING LOAD & 'A' DIMENSION

FIXINGS	'A' DIMENSION	hef	EMBEDMENT	WORKING LOAD
	mm	mm	mm	kg
2 x ICCONS M12 FM753 - CRACK NAUTILUS M12 THROUGH BOLT	200	72	81	500
2 x M12 THREADED ROD WITH ICCON BIS-HY ADHESIVE	250	70	70	500



TYPE 3 FLOOR MOUNTED ANCHOR TO SUIT COPPER PIPE



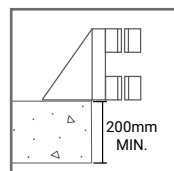
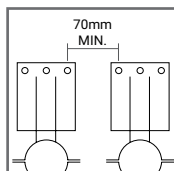
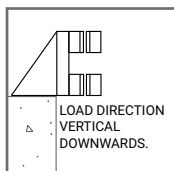
PART NO.	PIPE SIZE	STANDARD 'A'	'H'	FINISH
		mm	mm	
FM191-3-051	50cu	73	180	POLY BROWN
FM191-3-064	65cu	76	180	
FM191-3-076	80cu	81	180	
FM191-3-102	100cu	94	180	
FM191-3-127	125cu	108	180	
FM191-3-152	150cu	134	180	
FM191-3-203	200cu	160	180	

INSTALLATION NOTES

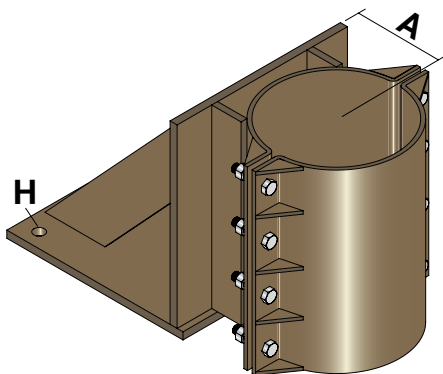
1. CONCRETE STRENGTH 25MPa MIN.
2. CONCRETE SLAB THICKNESS 200mm MIN.
3. **TYPE 3** PIPE CLAMP BOLTS TO BE: CLASS 8.8 M12 ZINC BOLTS TORQUED TO 50Nm.
4. CONCRETE ANCHORS TO BE INSTALLED TO MANUFACTURERS RECOMMENDATIONS.
5. **TYPE 3** MINIMUM CONCRETE ANCHOR EDGE DISTANCE 160mm.
6. **TYPE 3** MINIMUM ANCHOR SPACING 70mm.
7. LOAD DIRECTION IS VERTICAL DOWNWARDS.
8. ANCHOR BRACKET TO BE MOUNTED TO TOP OF FLOOR SLAB.
9. ANCHOR MOUNTING PLATE TO BEAR COMPLETELY ON FLOOR SLAB (NO OVER HANG).

MAXIMUM WORKING LOAD & 'A' DIMENSION

FIXINGS	'A' DIMENSION	hef	EMBEDMENT	WORKING LOAD
	mm	mm	mm	kg
3 x ICCONS M16 FM753 - CRACK NAUTILUS M16 THROUGH BOLT	200	86	97	1200
3 x M16 THREADED ROD WITH ICCON BIS-HY ADHESIVE	250	120	120	1500



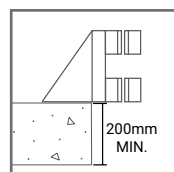
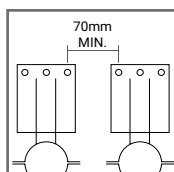
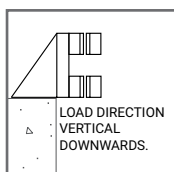
TYPE 4 FLOOR MOUNTED ANCHOR TO SUIT COPPER PIPE



PART NO.	PIPE SIZE	STANDARD 'A'	'H'	FINISH
		mm	mm	
FM191-4-064	65cu	76	180	POLY BROWN
FM191-4-076	80cu	81	180	
FM191-4-102	100cu	94	180	
FM191-4-127	125cu	108	180	
FM191-4-152	150cu	134	180	
FM191-4-203	203cu	160	180	

MAXIMUM WORKING LOAD & 'A' DIMENSION

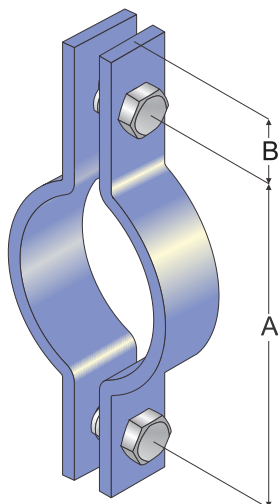
FIXINGS	'A' DIMENSION	hef	EMBEDMENT	WORKING LOAD
	mm	mm	mm	kg
3 x ICCONS M16 FM753 - CRACK NAUTILUS M16 THROUGH BOLT	180	86	97	2200
3 x M16 THREADED ROD WITH ICCON BIS-HY ADHESIVE	250	120	120	3000



INSTALLATION NOTES

1. CONCRETE STRENGTH 25MPa MIN.
2. CONCRETE SLAB THICKNESS 200mm MIN.
3. **TYPE 4** PIPE CLAMP BOLTS TO BE: CLASS 8.8 M12 ZINC BOLTS TORQUED TO 50Nm.
4. CONCRETE ANCHORS TO BE INSTALLED TO MANUFACTURERS RECOMMENDATIONS.
5. **TYPE 4** MINIMUM CONCRETE ANCHOR EDGE DISTANCE 160mm.
6. **TYPE 4** MINIMUM ANCHOR SPACING 70mm.
7. LOAD DIRECTION IS VERTICAL DOWNWARDS.
8. ANCHOR BRACKET TO BE MOUNTED TO TOP OF FLOOR SLAB.
9. ANCHOR MOUNTING PLATE TO BEAR COMPLETELY ON FLOOR SLAB (NO OVER HANG).

FM170 - 2 BOLT CLAMP FOR STEEL PIPE

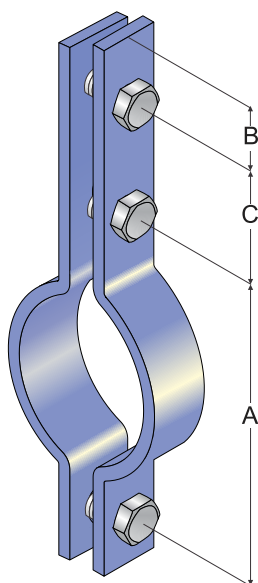


STAINLESS STEEL AVAILABLE ON REQUEST

LIGHT SERIES							
PART NO.	PIPE SIZE	PIPE O.D	A	B	MATERIAL	HOLE DIA.	FINISH
FM170L-076	65nb	76.1	126	18	40 x 6	14Ø	HDG
FM170L-089	80nb	88.9	136	18	40 x 6	14Ø	
FM170L-115	100nb	114.3	170	18	40 x 6	14Ø	
FM170L-140	125nb	139.7	196	24	40 x 6	18Ø	
FM170L-168	150nb	168.3	226	24	40 x 6	18Ø	
FM170L-194	175nb	193.7	270	24	40 x 8	18Ø	
FM170L-219	200nb	219.1	296	24	40 x 8	18Ø	
FM170L-245	225nb	244.5	320	24	40 x 8	18Ø	
FM170L-273	250nb	273	350	24	40 x 8	18Ø	
FM170L-324	300nb	323.9	420	30	50 x 10	22Ø	
FM170L-356	350nb	355.6	460	36	65 x 10	26Ø	
FM170L-406	400nb	406.4	536	36	65 x 16	26Ø	
FM170L-457	450nb	457	626	45	65 x 20	32Ø	
FM170L-508	500nb	508	676	45	65 x 20	32Ø	
FM170L-559	550nb	559	736	45	65 x 20	32Ø	
FM170L-610	600nb	610	780	45	90 x 20	32Ø	
FM170L-660	650nb	660	830	45	90 x 20	32Ø	
FM170L-711	700nb	711	880	45	90 x 20	32Ø	
FM170L-762	750nb	762	930	45	90 x 20	32Ø	
FM170L-813	800nb	813	1020	45	90 x 25	32Ø	
FM170L-864	850nb	864	1070	45	90 x 25	32Ø	
FM170L-910	900nb	919	1120	45	90 x 25	32Ø	
FM170L-1016	1000nb	1016	1250	54	130 x 30	42Ø	

HEAVY SERIES							
PART NO.	PIPE SIZE	PIPE O.D	A	B	MATERIAL	HOLE DIA.	FINISH
FM170H-021	15nb	21.3	66	15	40 x 6	12Ø	HDG
FM170H-027	20nb	26.9	70	15	40 x 6	12Ø	
FM170H-034	25nb	33.7	76	15	40 x 6	12Ø	
FM170H-043	32nb	42.4	90	18	40 x 6	14Ø	
FM170H-048	40nb	48.3	96	18	40 x 6	14Ø	
FM170H-060	50nb	60.3	106	18	40 x 6	14Ø	
FM170H-076	65nb	76.1	156	24	40 x 8	18Ø	
FM170H-089	80nb	88.9	166	24	40 x 8	18Ø	
FM170H-115	100nb	114.3	190	24	40 x 8	18Ø	
FM170H-140	125nb	139.7	216	24	40 x 8	18Ø	
FM170H-168	150nb	168.3	246	24	40 x 8	18Ø	
FM170H-194	175nb	193.7	280	24	50 x 10	18Ø	
FM170H-219	200nb	219.1	306	24	50 x 10	18Ø	
FM170H-245	225nb	244.5	340	30	65 x 10	22Ø	
FM170H-273	250nb	273	366	30	65 x 10	22Ø	
FM170H-324	300nb	323.9	456	36	65 x 16	26Ø	
FM170H-356	350nb	355.6	500	45	65 x 16	32Ø	
FM170H-406	400nb	406.4	576	45	65 x 20	32Ø	
FM170H-457	450nb	457	636	54	90 x 20	42Ø	
FM170H-508	500nb	508	716	54	100 x 25	42Ø	
FM170H-559	550nb	559	766	54	100 x 25	42Ø	
FM170H-610	600nb	610	830	63	130 x 25	48Ø	

FM171 - 3 BOLT CLAMP FOR STEEL PIPE

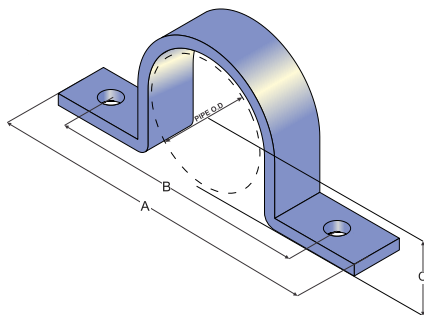


STAINLESS STEEL AVAILABLE ON REQUEST

LIGHT SERIES								
PART NO.	PIPE SIZE	PIPE O.D	A	B	C	MATERIAL	HOLE DIA.	FINISH
FM171L-076	65nb	76.1	126	18	105	40 x 6	14Ø	HDG
FM171L-089	80nb	88.9	136	18	105	40 x 6	14Ø	
FM171L-115	100nb	114.3	170	18	105	40 x 6	14Ø	
FM171L-140	125nb	139.7	216	24	95	40 x 6	18Ø	
FM171L-168	150nb	168.3	246	24	95	40 x 6	18Ø	
FM171L-194	175nb	193.7	270	24	95	40 x 8	18Ø	
FM171L-219	200nb	219.1	296	24	100	40 x 8	18Ø	
FM171L-245	225nb	244.5	330	24	95	40 x 8	18Ø	
FM171L-273	250nb	273	360	24	105	40 x 8	18Ø	
FM171L-324	300nb	323.9	446	30	95	50 x 10	22Ø	
FM171L-356	350nb	355.6	486	36	100	65 x 10	26Ø	
FM171L-406	400nb	406.4	560	36	90	65 x 16	26Ø	
FM171L-457	450nb	457	636	45	80	65 x 20	32Ø	
FM171L-508	500nb	508	700	45	85	65 x 20	32Ø	
FM171L-559	550nb	559	750	45	80	65 x 20	32Ø	
FM171L-610	600nb	610	806	45	80	90 x 20	32Ø	

HEAVY SERIES								
PART NO.	PIPE SIZE	PIPE O.D	A	B	C	MATERIAL	HOLE DIA.	FINISH
FM171H-021	15nb	21.3	66	15	70	40 x 6	12Ø	HDG
FM171H-027	20nb	26.9	70	15	70	40 x 6	12Ø	
FM171H-034	25nb	33.7	76	18	70	40 x 6	12Ø	
FM171H-043	32nb	42.4	90	18	70	40 x 6	14Ø	
FM171H-048	40nb	48.3	96	18	85	40 x 6	14Ø	
FM171H-060	50nb	60.3	106	18	80	40 x 6	14Ø	
FM171H-076	65nb	76.1	156	24	90	40 x 8	18Ø	
FM171H-089	80nb	88.9	166	24	95	40 x 8	18Ø	
FM171H-115	100nb	114.3	190	24	95	40 x 8	18Ø	
FM171H-140	125nb	139.7	216	24	95	40 x 8	18Ø	
FM171H-168	150nb	168.3	246	24	95	40 x 8	18Ø	
FM171H-194	175nb	193.7	288	30	85	50 x 10	22Ø	
FM171H-219	200nb	219.1	316	30	95	50 x 10	22Ø	
FM171H-245	225nb	244.5	366	30	85	65 x 16	22Ø	
FM171H-273	250nb	273	390	30	90	65 x 16	22Ø	
FM171H-324	300nb	323.9	476	36	75	65 x 20	26Ø	
FM171H-356	350nb	355.6	526	45	80	65 x 20	32Ø	
FM171H-406	400nb	406.4	600	45	75	100 x 25	32Ø	
FM171H-457	450nb	457	660	54	85	100 x 25	42Ø	
FM171H-508	500nb	508	740	54	85	100 x 30	42Ø	
FM171H-559	550nb	559	790	54	85	100 x 30	42Ø	
FM171H-610	600nb	610	880	63	95	100 x 35	48Ø	

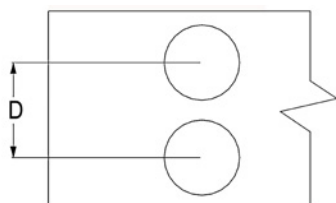
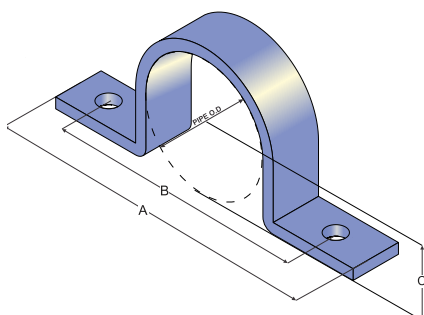
FM177H - SADDLE GUIDE HEAVY DUTY



STAINLESS STEEL AVAILABLE ON REQUEST

PART NO.	PIPE SIZE	PIPE O.D	A	B	C	MATERIAL	HOLE DIA.	FINISH
FM177H-021	15nb	21.3	182	106	10	40 x 6	12Ø	HDG
FM177H-027	20nb	26.9	186	110	13	40 x 6	12Ø	
FM177H-034	25nb	33.7	190	114	16	40 x 6	12Ø	
FM177H-043	32nb	42.4	204	128	20	40 x 8	14Ø	
FM177H-048	40nb	48.3	234	158	23	40 x 8	14Ø	
FM177H-060	50nb	60.3	238	162	29	40 x 8	14Ø	
FM177H-076	65nb	76.1	254	162	36	50 x 10	18Ø	
FM177H-089	80nb	88.9	275	198	43	50 x 10	18Ø	
FM177H-115	100nb	114.3	292	216	55	50 x 10	18Ø	
FM177H-140	125nb	139.7	320	238	68	65 x 10	22Ø	
FM177H-168	150nb	168.3	348	275	82	65 x 10	22Ø	
FM177H-194	175nb	193.7	404	328	95	65 x 16	22Ø	
FM177H-219	200nb	219.1	428	352	107	65 x 16	22Ø	

FM178H - SADDLE CLAMP HEAVY DUTY

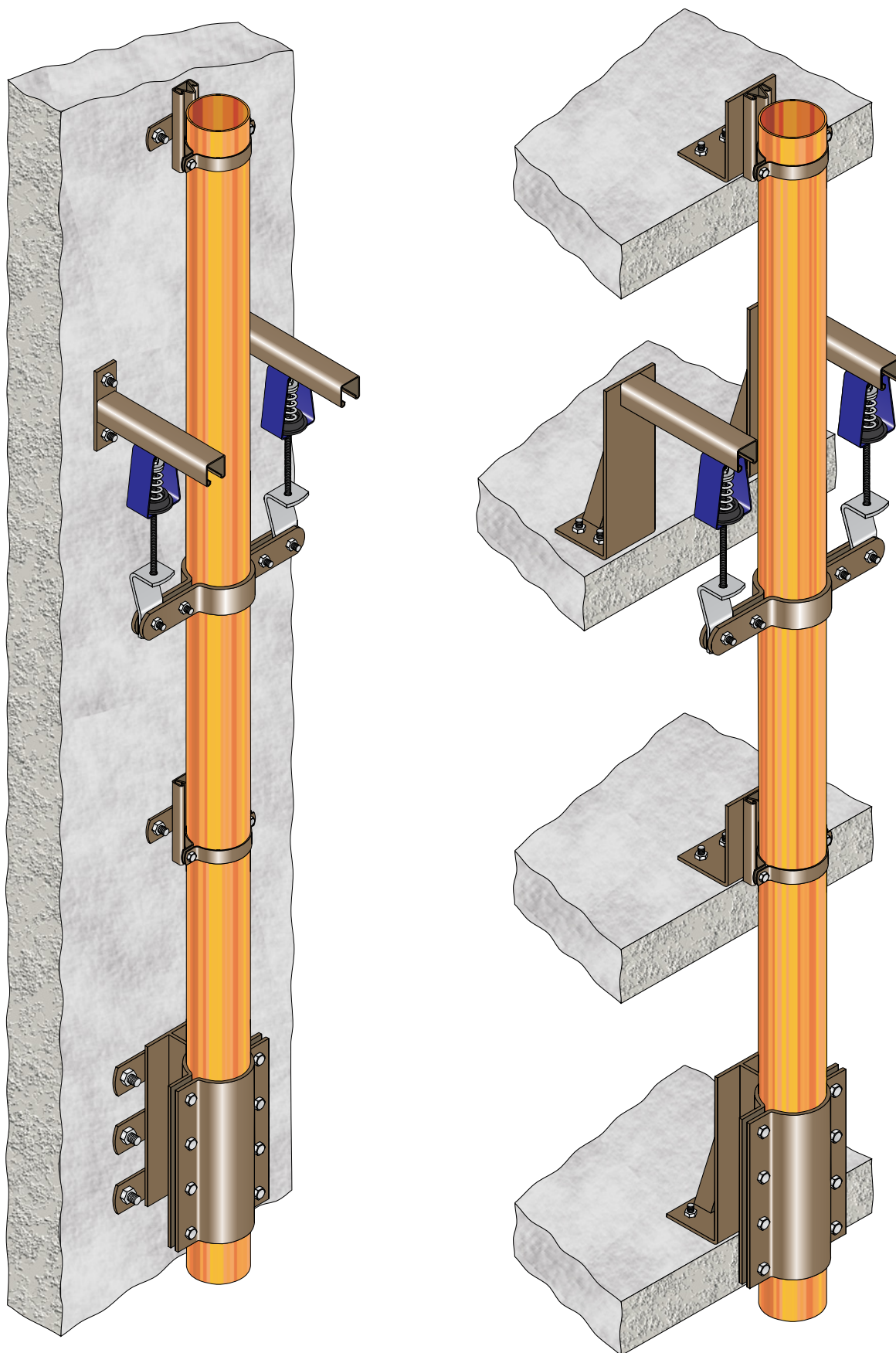


FOR DRILLING OF 600NB AND ABOVE

STAINLESS STEEL AVAILABLE ON REQUEST

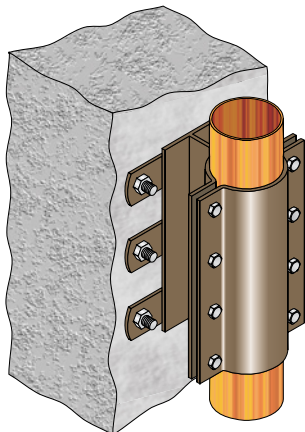
PART NO.	PIPE SIZE	PIPE O.D	A	B	C	MATERIAL	HOLE DIA.	FINISH
FM178H-021	15nb	21.3	178	102	8	40 x 6	12Ø	HDG
FM178H-027	20nb	26.9	180	106	11	40 x 6	12Ø	
FM178H-034	25nb	33.7	186	106	11	40 x 6	12Ø	
FM178H-043	32nb	42.4	200	124	18	40 x 8	14Ø	
FM178H-048	40nb	48.3	230	154	21	40 x 8	14Ø	
FM178H-060	50nb	60.3	234	158	27	40 x 8	14Ø	
FM178H-076	65nb	76.1	246	170	32	50 x 10	12Ø	
FM178H-089	80nb	88.9	266	190	39	50 x 10	18Ø	
FM178H-115	100nb	114.3	284	208	51	50 x 10	18Ø	
FM178H-140	125nb	139.7	312	230	64	65 x 10	22Ø	
FM178H-168	150nb	168.3	340	264	78	65 x 10	22Ø	
FM178H-194	175nb	193.7	396	320	91	65 x 10	22Ø	
FM178H-219	200nb	219.1	420	344	103	65 x 10	22Ø	
FM178H-245	225nb	244.5	410	360	122	65 x 16	22Ø	
FM178H-273	250nb	273	440	390	135	65 x 16	22Ø	
FM178H-324	300nb	323.9	490	440	162	65 x 16	22Ø	
FM178H-356	350nb	355.6	520	470	176	65 x 16	22Ø	
FM178H-406	400nb	406.4	590	530	202	65 x 16	22Ø	
FM178H-457	450nb	457	640	580	228	65 x 16	26Ø	
FM178H-508	500nb	508	690	630	258	65 x 16	26Ø	
FM178H-559	550nb	559	740	680	278	65 x 16	26Ø	
FM178H-610	600nb	610	780	730	305	100 x 16	22Ø	
FM178H-660	650nb	660	830	780	328	100 x 16	22Ø	
FM178H-711	700nb	711	880	830	355	100 x 16	22Ø	
FM178H-762	750nb	762	930	880	380	100 x 16	22Ø	
FM178H-813	800nb	813	1020	960	405	130 x 20	26Ø	
FM178H-864	850nb	864	1070	1010	430	130 x 20	26Ø	
FM178H-919	900nb	919	1120	1060	455	130 x 20	26Ø	
FM178H-1016	1000nb	1016	1230	1170	507	130 x 20	26Ø	

GAS RISER PIPE SUPPORTS



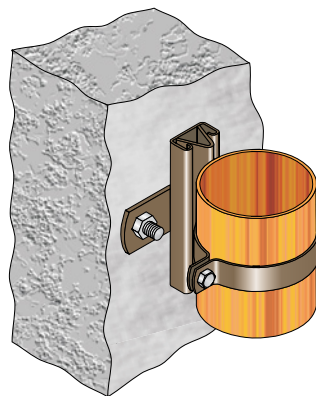
SPRING SELECTION: CONTACT YOUR NEAREST FLEXISTRUT BRANCH FOR CORRECT SPRING SELECTION

GAS RISER ANCHOR WALL MOUNT



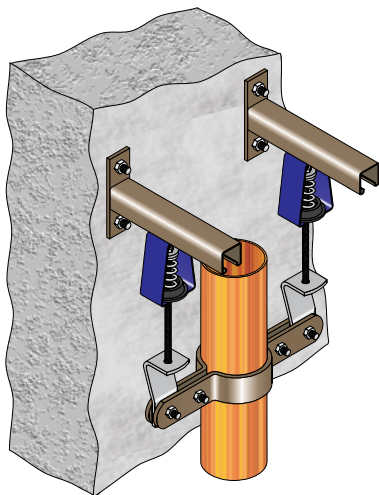
PART NO.	PIPE DIA.	FINISH
FMGR-001-015	15cu	POLY BROWN
FMGR-001-020	20cu	
FMGR-001-025	25cu	
FMGR-001-032	32cu	
FMGR-001-040	40cu	
FMGR-001-050	50cu	
FMGR-001-065	65cu	
FMGR-001-076	80cu	
FMGR-001-100	100cu	
FMGR-001-125	125cu	
FMGR-001-150	150cu	

GAS RISER GUIDE WALL MOUNT



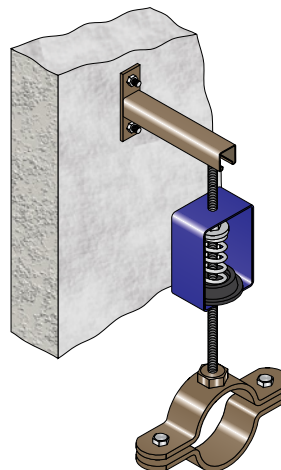
PART NO.	PIPE DIA.	FINISH
FMGR-002-015	15cu	POLY BROWN
FMGR-002-020	20cu	
FMGR-002-025	25cu	
FMGR-002-032	32cu	
FMGR-002-040	40cu	
FMGR-002-050	50cu	
FMGR-002-065	65cu	
FMGR-002-076	80cu	
FMGR-002-100	100cu	
FMGR-002-125	125cu	
FMGR-002-150	150cu	

GAS RISER SPRING ASSEMBLY WALL MOUNT



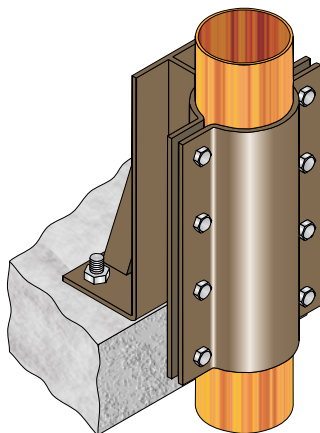
PART NO.	PIPE DIA.	FINISH
FMGR-003-015	15cu	POLY BROWN
FMGR-003-020	20cu	
FMGR-003-025	25cu	
FMGR-003-035	32cu	
FMGR-003-040	40cu	
FMGR-003-050	50cu	
FMGR-003-065	65cu	
FMGR-003-076	80cu	
FMGR-003-100	100cu	
FMGR-003-125	125cu	
FMGR-003-150	150cu	

GAS RISER HORIZONTAL WALL MOUNT



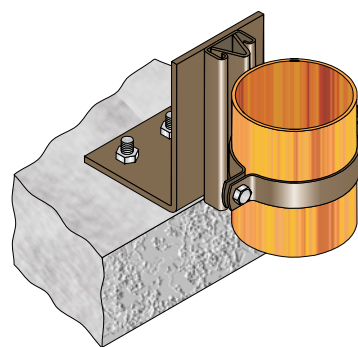
PART NO.	PIPE DIA.	ROD DIA.	FINISH
FMGR-004-015	15cu	M10	POLY BROWN
FMGR-004-020	20cu	M10	
FMGR-004-025	25cu	M10	
FMGR-004-032	32cu	M10	
FMGR-004-040	40cu	M10	
FMGR-004-050	50cu	M10	
FMGR-004-065	65cu	M12	
FMGR-004-076	80cu	M12	
FMGR-004-100	100cu	M16	
FMGR-004-125	125cu	M16	
FMGR-004-150	150cu	M16	

GAS RISER ANCHOR FLOOR MOUNT



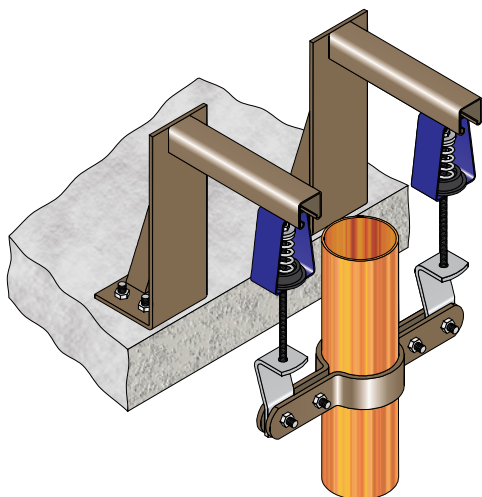
PART NO.	PIPE DIA.	FINISH
FMGR-005-015	15cu	POLY BROWN
FMGR-005-020	20cu	
FMGR-005-025	25cu	
FMGR-005-032	32cu	
FMGR-005-040	40cu	
FMGR-005-050	50cu	
FMGR-005-065	65cu	
FMGR-005-076	80cu	
FMGR-005-100	100cu	
FMGR-005-125	125cu	
FMGR-005-150	150cu	

GAS RISER GUIDE FLOOR MOUNT



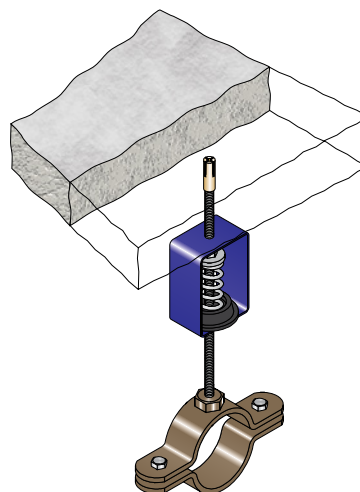
PART NO.	PIPE DIA.	FINISH
FMGR-006-015	15cu	POLY BROWN
FMGR-006-020	20cu	
FMGR-006-025	25cu	
FMGR-006-032	32cu	
FMGR-006-040	40cu	
FMGR-006-050	50cu	
FMGR-006-065	65cu	
FMGR-006-076	80cu	
FMGR-006-100	100cu	
FMGR-006-125	125cu	
FMGR-006-150	150cu	

GAS RISER SPRING ASSEMBLY FLOOR MOUNT



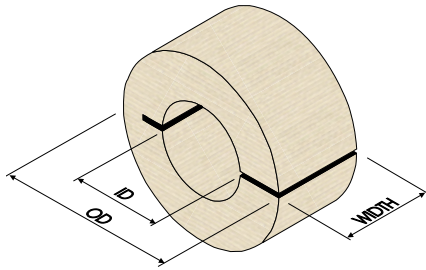
PART NO.	PIPE DIA.	FINISH
FMGR-007-015	15cu	POLY BROWN
FMGR-007-020	20cu	
FMGR-007-025	25cu	
FMGR-007-032	32cu	
FMGR-007-040	40cu	
FMGR-007-050	50cu	
FMGR-007-065	65cu	
FMGR-007-076	80cu	
FMGR-007-100	100cu	
FMGR-007-125	125cu	
FMGR-007-150	150cu	

GAS RISER HORIZONTAL FLOOR MOUNT



PART NO.	PIPE DIA.	ROD DIA.	FINISH
FMGR-008-015	15cu	M10	POLY BROWN
FMGR-008-020	20cu	M10	
FMGR-008-025	25cu	M10	
FMGR-008-032	32cu	M10	
FMGR-008-040	40cu	M10	
FMGR-008-050	50cu	M10	
FMGR-008-065	65cu	M12	
FMGR-008-076	80cu	M12	
FMGR-008-100	100cu	M16	
FMGR-008-125	125cu	M16	
FMGR-008-150	150cu	M16	

FM136 - TIMBER FERRULE FOR STEEL PIPE



MATERIAL
F7 GRADE STRUCTURAL PLYWOOD

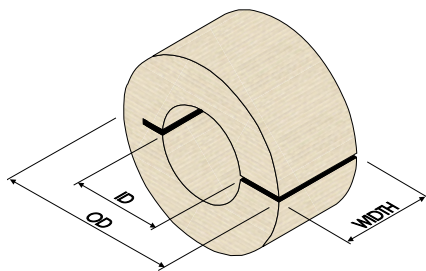
STANDARD WIDTHS
40mm, 80mm, 100mm
(OTHER WIDTHS AVAILABLE ON REQUEST)

ORDER: I.D. x O.D. x WIDTH
eg: FM136 73x127x40

STANDARD SIZES SHOWN:
OTHER SIZES AVAILABLE ON REQUEST

PIPE SIZE	25mm INSULATION ID x OD	38mm INSULATION ID x OD	50mm INSULATION ID x OD	63mm INSULATION ID x OD	75mm INSULATION ID x OD
15nb	21.3 x 76	21.3 x 102	21.3 x 127	21.3 x 152	21.3 x 178
20nb	26.7 x 76	26.7 x 102	26.7 x 127	26.7 x 152	26.7 x 178
25nb	33.4 x 83	32 x 108	32 x 133	33.4 x 160	33.4 x 190
		33.4 x 115	33.4 x 140		
32nb	42.2 x 89	42.2 x 115	42.2 x 140	42.2 x 168	42.2 x 190
40nb	48.3 x 102	48.3 x 127	48.3 x 152	48.3 x 175	48.3 x 203
50nb	60.3 x 115	60.3 x 140	60.3 x 165	60.3 x 190	60.3 x 203
65nb	73 x 127	73 x 152	73 x 178	73 x 203	73 x 228
80nb	88.9 x 140	88.9 x 165	88.9 x 190	88.9 x 220	88.9 x 240
100nb	114.3 x 165	114.3 x 190	114.3 x 220	114.3 x 240	114.3 x 268
125nb	141.3 x 190	141.3 x 220	141.3 x 240	141.3 x 268	141.3 x 303
150nb	165.1 x 220	165.1 x 240	165.1 x 268	165.1 x 303	165.1 x 324
150nb (sched 40)	168.3 x 220	168.3 x 240	168.3 x 268	168.3 x 303	168.3 x 324
200nb	219.1 x 275	219.1 x 302	219.1 x 324	219.1 x 355	219.1 x 375
250nb	273 x 324	273 x 356	273 x 375	273 x 406	273 x 424
300nb	324 x 375	324 x 406	324 x 424	324 x 456	324 x 475
350nb	355.6 x 406	355.6 x 424	355.6 x 456	355.6 x 485	355.6 x 508
400nb	406.4 x 456	406.4 x 486	406.4 x 508	406.4 x 536	406.4 x 557
450nb	457 x 508	457 x 536	457 x 557	457 x 587	457 x 608
500nb	508 x 557	508 x 587	508 x 610	508 x 638	508 x 658
600nb	609.6 x 658	609.6 x 685	609.6 x 710	609.6 x 740	609.6 x 760

FM136 - TIMBER FERRULE FOR COPPER PIPE



MATERIAL
F7 GRADE STRUCTURAL PLYWOOD

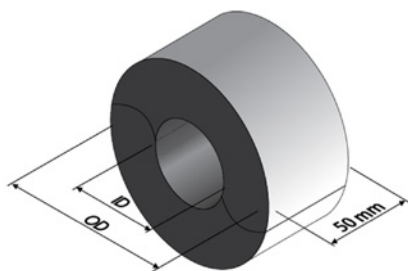
STANDARD WIDTHS
40mm, 80mm, 100mm
(OTHER WIDTHS AVAILABLE ON REQUEST)

ORDER: I.D. x O.D. x WIDTH
eg: FM136 127x203x40

STANDARD SIZES SHOWN:
OTHER SIZES AVAILABLE ON REQUEST

PIPE SIZE	25mm INSULATION ID x OD	38mm INSULATION ID x OD	50mm INSULATION ID x OD	63mm INSULATION ID x OD	75mm INSULATION ID x OD
15cu	12.7 x 64	12.7 x 89	12.7 x 114	12.7 x 140	12.7 x 163
20cu	19.1 x 70	19.1 x 95	19.1 x 127	19.1 x 152	19.1 x 168
		19.1 x 102			
25cu	25.4 x 76	25.4 x 102	25.4 x 127	25.4 x 152	25.4 x 175
32cu	31.8 x 83	31.8 x 114	31.8 x 133	31.8 x 165	31.8 x 178
			31.8 x 140		
40cu	38.1 x 89	38.1 x 114	38.1 x 140	38.1 x 165	38.1 x 190
50cu	50.8 x 102	50.8 x 127	50.8 x 152	50.8 x 178	50.8 x 203
65cu	63.5 x 114	63.5 x 140	63.5 x 165	63.5 x 190	63.5 x 220
80cu	76.2 x 127	76.2 x 152	76.2 x 178	76.2 x 203	76.2 x 228
100cu	101.6 x 152	101.6 x 178	101.6 x 203	101.6 x 228	101.6 x 252
125cu	127 x 178	127 x 203	127 x 228	127 x 252	127 x 275
150cu	152.4 x 203	152.4 x 228	152.4 x 252	152.4 x 275	152.4 x 303
200cu	203.2 x 252	203.2 x 275	203.2 x 302	203.2 x 324	203.2 x 355
250cu	254 x 300	254 x 330	254 x 355	254 x 375	254 x 400

FB136 - FLEXI BLOCK FOR STEEL PIPE



MATERIAL:
CROSSLINKED CLOSED CELL PE FOAM

DENSITY:
300 kg/m²

MOISTURE ABSORPTION:
(BY WEIGHT, ROOM TEMP, 5HRS)
<1%

TENSILE STRENGTH:
2.4 kg/m

TEAR STRENGTH:
8.3 kg/m²

THERMAL CONDUCTIVITY:
(ISO8302-1991)
0.065 W/mK

CONSTANT WORKING TEMP:
-40°C to 105°C

COMPRESSIVE STRENGTH:
(JIS 6767)
3.4 kg/cm²

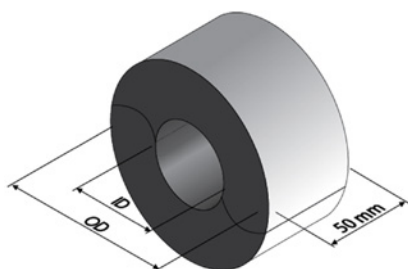
PIPE SIZE	25mm INSULATION ID x OD	38mm INSULATION ID x OD	50mm INSULATION ID x OD
15nb	21.3 x 73	21.3 x 102	21.3 x 127
20nb	26.7 x 76	26.7 x 102	26.7 x 127
25nb	33.4 x 83	33.4 x 115	33.4 x 140
32nb	42.2 x 89	42.2 x 115	42.2 x 140
40nb	48.3 x 102	48.3 x 127	48.3 x 152
50nb	60.3 x 115	60.3 x 140	60.3 x 165
65nb	73 x 127	73 x 152	73 x 178
80nb	88.9 x 140	88.9 x 165	88.9 x 190
100nb	114.3 x 165	114.3 x 190	114.3 x 220
125nb	141.3 x 190	141.3 x 220	141.3 x 240
150nb	165.1 x 220	165.1 x 240	165.1 x 268
150nb (sched 40)	168.3 x 220	168.3 x 240	168.3 x 268
200nb	219.1 x 275	219.1 x 302	219.1 x 324
250nb	273 x 324	273 x 356	273 x 375

STANDARD SIZES ONLY:

OTHER SIZES AVAILABLE ON REQUEST: 13mm, 19mm, 63mm, 75mm, 100mm

COMES BOUND WITH FIRE RATED SILVER SISAL

FB136 - FLEXI BLOCK FOR COPPER PIPE



MATERIAL:
CROSSLINKED CLOSED CELL PE FOAM

DENSITY:
300 kg/m²

MOISTURE ABSORPTION:
(BY WEIGHT, ROOM TEMP, 5HRS)
<1%

TENSILE STRENGTH:
2.4 kg/m

TEAR STRENGTH:
8.3 kg/m²

THERMAL CONDUCTIVITY:
(ISO8302-1991)
0.065 W/mK

CONSTANT WORKING TEMP:
-40°C to 105°C

COMPRESSIVE STRENGTH:
(JIS 6767)
3.4 kg/cm²

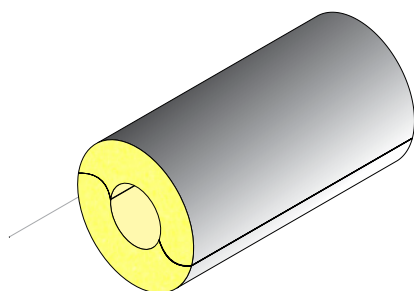
PIPE SIZE	25mm INSULATION ID x OD	38mm INSULATION ID x OD	50mm INSULATION ID x OD
15cu	12.7 x 64	12.7 x 89	12.7 x 114
20cu	19.1 x 70	19.1 x 95	19.1 x 127
25cu	25.4 x 76	25.4 x 102	25.4 x 127
32cu	31.8 x 83	31.8 x 114	31.8 x 133
40cu	38.1 x 89	38.1 x 114	38.1 x 140
50cu	50.8 x 102	50.8 x 127	50.8 x 152
65cu	63.5 x 114	63.5 x 140	63.5 x 165
80cu	76.2 x 126	76.2 x 152	76.2 x 178
100cu	101.6 x 152	101.6 x 178	101.6 x 203
125cu	127 x 177	127 x 203	127 x 228
150cu	152.4 x 203	152.4 x 228	152.4 x 252
200cu	203.2 x 252	203.2 x 275	203.2 x 302

STANDARD SIZES ONLY:

OTHER SIZES AVAILABLE ON REQUEST: 13mm, 19mm, 63mm, 75mm, 100mm

COMES BOUND WITH FIRE RATED SILVER SISAL

PU - POLYURETHANE BLOCKS



ORDER: I.D X O.D
EXAMPLE - PU 102x178

STANDARD LENGTH:
1.2 METRES

PIPE SIZE	20mm INSULATION ID x OD	25mm INSULATION ID x OD	38mm INSULATION ID x OD	50mm INSULATION ID x OD
15cu	12.7 x 53	12.7 x 63	-	-
20cu	19.1 x 59	19.1 x 69	19.1 x 102	19.1 x 127
25cu	25.4 x 65	25.4 x 76	25.4 x 102	25.4 x 127
32cu	31.8 x 72	31.8 x 82	31.8 x 108	31.8 x 132
40cu	38.1 x 78	38.1 x 88	38.1 x 114	38.1 x 138
50cu	50.8 x 91	50.8 x 102	50.8 x 127	50.8 x 152
65cu	63.5 x 104	63.5 x 114	63.5 x 140	63.5 x 165
80cu	76.2 x 116	76.2 x 126	76.2 x 152	76.2 x 176
100cu	101.6 x 142	101.6 x 152	101.6 x 178	101.6 x 202
125cu	-	-	-	127 x 227
150cu	-	-	-	152.4 x 252



CONTENTS

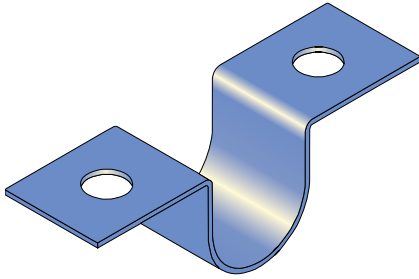
FIRE PROTECTION

PLEASE NOTE:
ALL MEASUREMENTS ARE MILLIMETRE UNLESS SPECIFIED OTHERWISE

LIGHT DUTY SADDLES	116
TWIST CLIPS	116
NUT CLIPS	116
U BOLTS	117
PEAR BANDS	117
CANTILEVER BRACKETS	118
BEAM CLAMPS	118
WEDGE NUTS	118
PURLIN CLIPS	119

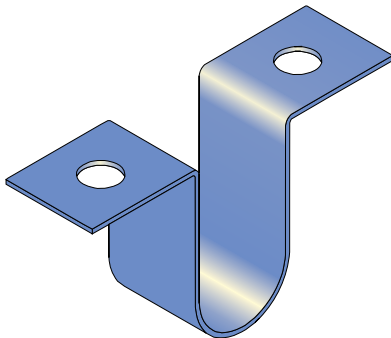
PURLIN CLEATS	120
BEAM CLIPS	120
MEDIUM DUTY SADDLES	120
MEDIUM DUTY DOUBLE BOLTED CLAMPS	121
MEDIUM DUTY YOKE CLAMPS	121
TWO PIECE CHANNEL CLIPS	122
ANGLE / SLOTTED ANGLE	122
WRAP AROUND BANDS	122

EF100 - LIGHT DUTY SHALLOW SADDLE



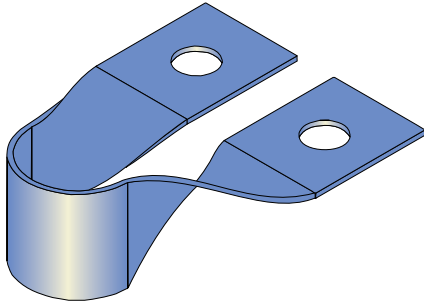
PART NO.	PIPE DIA.	BOX QTY	FINISH
EF100-034	25nb	100	GALVABOND
EF100-043	32nb	100	
EF100-048	40nb	100	
EF100-060	50nb	50	

EF200 - LIGHT DUTY DEEP SADDLE



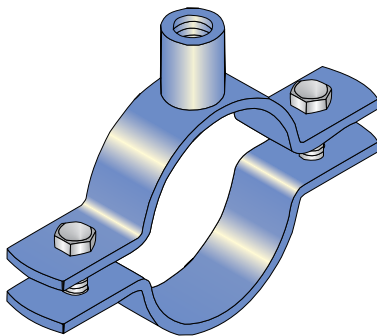
PART NO.	PIPE DIA.	BOX QTY	FINISH
EF200-034	25nb	100	GALVABOND
EF200-043	32nb	50	
EF200-048	40nb	50	
EF200-060	50nb	25	

EF300 - TWIST CLIP



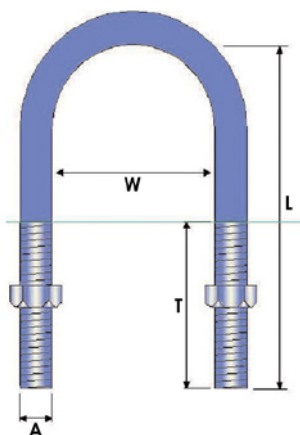
PART NO.	PIPE DIA.	BOX QTY	FINISH
EF300-034	25nb	100	GALVABOND
EF300-043	32nb	100	
EF300-048	40nb	50	
EF300-060	50nb	50	
EF300-076	65nb	50	
EF300-089	80nb	20	

EF400 - NUT CLIPS



PART NO.	PIPE DIA.	MATERIAL	NUT	BOLT & NUT	BOX QTY	FINISH
EF400-021	15nb	20 x 3	M10	M6 x 25	50	ZINC & HDG
EF400-027	20nb	20 x 3	M10	M6 x 25	50	
EF400-034	25nb	20 x 3	M10	M6 x 25	25	
EF400-043	32nb	20 x 3	M10	M6 x 25	25	
EF400-048	40nb	20 x 3	M10	M6 x 25	25	
EF400-060	50nb	20 x 3	M10	M6 x 25	25	
EF400-076	65nb	25 x 3	M12	M6 x 25	20	
EF400-089	80nb	25 x 3	M12	M6 x 25	25	
EF400-115	100nb	25 x 5	M12	M10 x 35	20	
EF400-140	125nb	25 x 5	M12	M10 x 35	20	
EF400-168	150nb	25 x 5	M12	M10 x 35	20	
EF400-220	200nb	25 x 5	M16	M10 x 35	10	

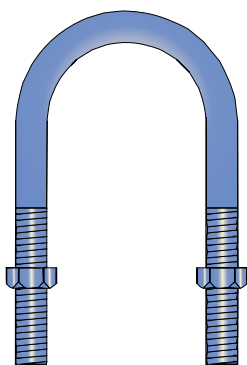
FM112 - STANDARD U BOLTS



PART NO.	PIPE DIA.	A	W	L	T	BOX QTY	FINISH
FM112-021	15nb	M10	21	65	50	25	HDG
FM112-027	20nb	M10	27	77	50	50	
FM112-034	25nb	M10	34	85	50	20	
FM112-043	32nb	M10	43	93	50	20	
FM112-048	40nb	M10	48	100	50	25	
FM112-060	50nb	M10	60	110	50	25	
FM112-076	65nb	M12	76	127	50	20	
FM112-089	80nb	M12	89	140	50	20	
FM112-115	100nb	M12	115	165	50	25	
FM112-140	125nb	M12	140	190	50	20	
FM112-165	150nb	M12	165	215	50	10	
FM112-168	150nb	M12	168	220	50	10	
FM112-219	200nb	M16	219	295	75	10	
FM112-273	250nb	M20	273	370	100	5	
FM112-324	300nb	M20	324	420	100	5	
FM112-356	350nb	M20	356	455	100	1	
FM112-406	400nb	M20	406	505	100	1	
FM112-457	450nb	M24	457	555	100	1	
FM112-508	500nb	M24	508	605	100	1	
FM112-610	600nb	M24	610	710	100	1	

COMPLETE WITH TWO NUTS

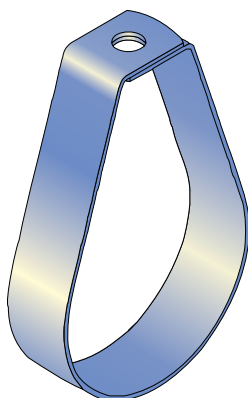
EF600 - LIGHT DUTY U BOLTS



PART NO.	PIPE DIA.	NUT	BOX QTY	FINISH
EF600-034	25nb	1/4"	50	ZINC
EF600-043	32nb	1/4"	50	
EF600-048	40nb	1/4"	100	
EF600-060	50nb	1/4"	100	

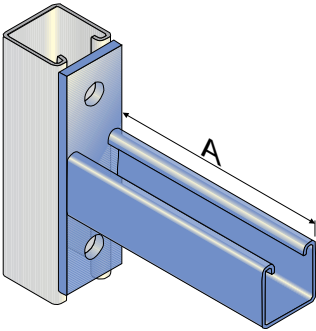
COMPLETE WITH TWO NUTS

EF500 - PEAR BAND FOR STEEL PIPE



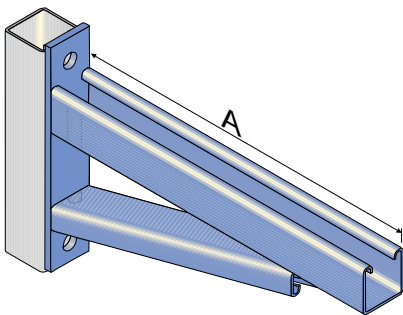
PART NO.	PIPE DIA.	MATERIAL	ROD DIA.	BOX QTY	FINISH
EF500-027	20nb	25 x 1.6	M10	100	GALVABOND, HDG & 316 SS
EF500-034	25nb	25 x 1.6	M10	100	
EF500-043	32nb	25 x 1.6	M10	100	
EF500-048	40nb	25 x 1.6	M10	100	
EF500-060	50nb	25 x 1.6	M10	100	
EF500-076	65nb	32 x 2.0	M12	50	
EF500-089	80nb	32 x 2.0	M12	50	
EF500-115	100nb	32 x 2.0	M12	20	
EF500-140	125nb	40 x 3.0	M12	1	
EF500-168	150nb	40 x 3.0	M12	1	
EF500-220	200nb	40 x 3.0	M16	1	

FM156 - FLEXISTRUT CANTILEVER BRACKET



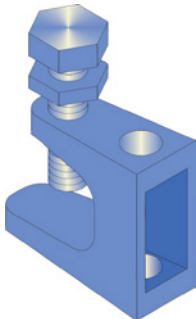
PART NO.	A	FINISH
FM156-200	200	HDG & 316 SS
FM156-350	350	
FM156-500	500	
FM156-650	650	
FM156-750	750	

FM158 - FLEXISTRUT CANTILEVER BRACKET



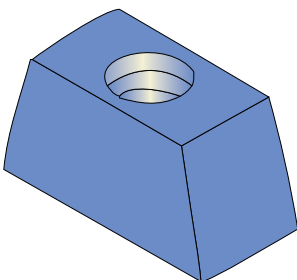
PART NO.	A	FINISH
FM158-200	200	HDG & 316 SS
FM158-350	350	
FM158-500	500	
FM158-650	650	
FM158-780	780	
FM158-900	900	
FM158-1150	1150	

EF1600 - BEAM CLAMPS



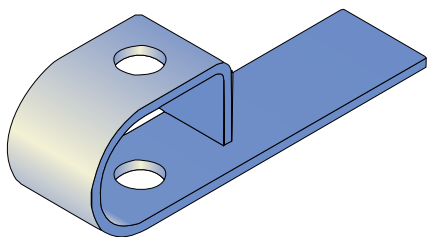
PART NO.	ROD DIA.	FM APPROVAL	UL APPROVAL	VdS APPROVAL	BOX QTY	FINISH
EF1600-M08	M8		☑	☑	50	ZINC, HDG & 316 SS
EF1600-M10	M10	☑	☑	☑	50	
EF1600-M12	M12	☑	☑	☑	50	
EF1600-M16	M16	☑	☑	☑	50	

EF1800 - WEDGE NUT



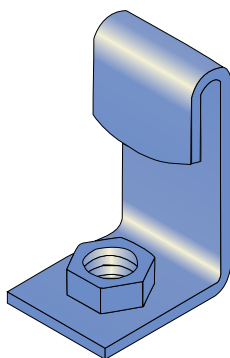
PART NO.	ROD DIA.	BOX QTY	FINISH
EF1800-M06	M6	100	ZINC
EF1800-M08	M8	100	
EF1800-M10	M10	100	

EF1900 - PURLIN CLIPS



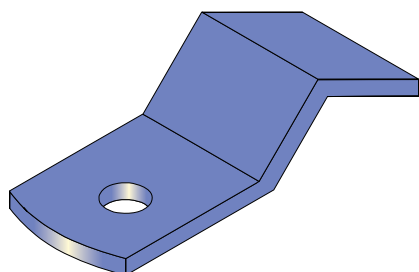
PART NO.	ROD DIA.	BOX QTY	FINISH
EF1900-M08	M8	100	ZINC
EF1900-M10	M10	100	
EF1900-M12	M12	100	

EF2000 - PURLIN CLIPS



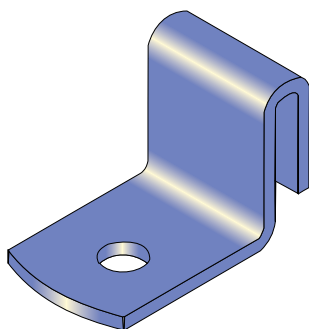
PART NO.	ROD DIA.	BOX QTY	FINISH
EF2000-M08	M8	100	ZINC
EF2000-M10	M10	100	
EF2000-M12	M12	100	

EF2200 - HEAVY DUTY PURLIN CLIPS



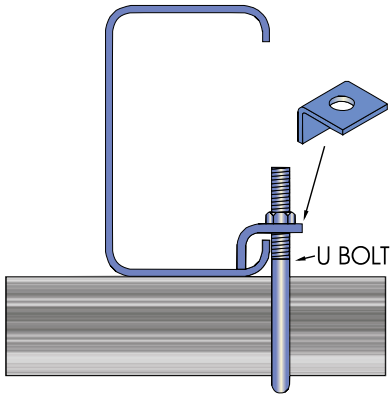
PART NO.	HOLE DIA.	BOX QTY	FINISH
EF2200	14Ø	25	HDG

EF2300 - PURLIN CLIPS



PART NO.	HOLE DIA.	BOX QTY	FINISH
EF2300-M08	M8	100	ZINC
EF2300-M10	M10	100	

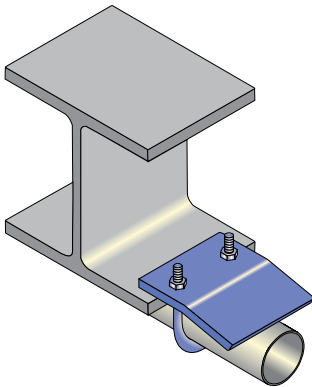
EF1400 - PURLIN CLEATS



PART NO.	U BOLT	BOX QTY	FINISH
EF1400-M06	M6	200	ZINC
EF1400-M10	M10	200	
EF1400-M12	M12	100	

NOTE: U BOLT NOT INCLUDED, ORDER SEPARATELY

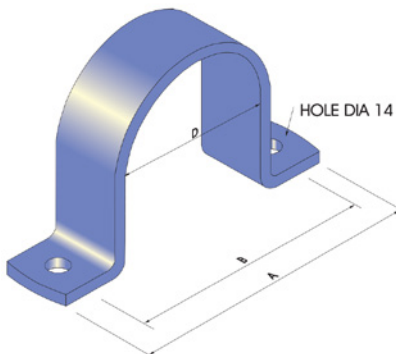
EF700 - PIPE BEAM CLIPS



PART NO.	PIPE DIA.	U BOLT	BOX QTY	FINISH
EF700LD	25nb to 50nb	M6	25	HDG
EF700	25nb to 50nb	M10	25	

'U' Bolt NOT included.
Sizes above 50nb available on request.

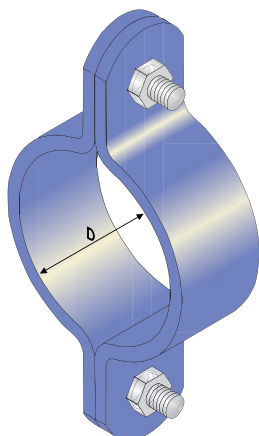
FM15 - MEDIUM DUTY SADDLES



STANDARD FINISHES ONLY:
OTHER FINISHES AVAILABLE ON REQUEST

PART NO.	PIPE DIA.	D	A	B	MATERIAL	BOX QTY	FINISH
FM15-021	15nb	21	115	75	40 x 5	50	HDG & 316 SS
FM15-027	20nb	27	121	81	40 x 5	25	
FM15-034	25nb	34	128	88	40 x 5	25	
FM15-043	32nb	43	137	97	40 x 5	20	
FM15-048	40nb	48	142	102	40 x 5	20	
FM15-060	50nb	60	154	114	40 x 5	10	
FM15-073	65nb	73	167	127	40 x 5	10	
FM15-076	80cu	76	170	130	40 x 5	5	
FM15-089	80nb	89	183	143	40 x 5	5	
FM15-115	100nb	115	210	170	40 x 6	5	
FM15-140	125nb	140	236	196	40 x 6	5	
FM15-165	155ns	165	261	221	40 x 6	5	
FM15-168	150nb	168	261	224	40 x 6	5	
FM15-220	200nb	220	315	275	40 x 6	5	

FM16 - MEDIUM DUTY DOUBLE BOLTED CLAMP

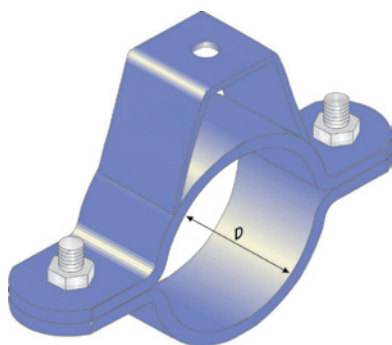


STANDARD FINISHES ONLY:
OTHER FINISHES AVAILABLE ON REQUEST

NOTE: 316 SS IS MADE TO ORDER

PART NO.	PIPE DIA.	D	HOLE CENTRES	BOLT	MATERIAL	BOX QTY	FINISH
FM16-034	25nb	34	88	M12 x 45	40 x 6	20	HDG & 316 SS
FM16-043	32nb	43	97	M12 x 45	40 x 6	20	
FM16-048	40nb	48	99	M12 x 45	40 x 6	20	
FM16-051	50cu	51	99	M12 x 45	40 x 6	20	
FM16-060	50nb	60	112	M12 x 45	40 x 6	10	
FM16-064	65cu	64	118	M12 x 45	40 x 6	10	
FM16-076	80cu	76	124	M12 x 45	40 x 6	10	
FM16-083	83ns	83	131	M12 x 45	40 x 6	10	
FM16-089	80nb	89	137	M12 x 45	40 x 6	10	
FM16-102	100cu	102	150	M12 x 45	40 x 6	10	
FM16-115	100nb	115	163	M12 x 45	40 x 6	10	
FM16-127	125cu	127	175	M12 x 45	40 x 6	5	
FM16-140	125nb	140	188	M12 x 45	40 x 6	5	
FM16-152	152cu	152	200	M12 x 45	40 x 6	5	
FM16-168	150nb	168	216	M12 x 45	40 x 6	5	
FM16-178	175ns	175	223	M12 x 45	40 x 6	5	
FM16-190	190ns	190	238	M12 x 45	40 x 6	5	
FM16-203	200cu	203	251	M12 x 45	40 x 6	5	
FM16-220	200nb	220	268	M12 x 45	40 x 6	5	
FM16-228	228ns	228	276	M12 x 45	40 x 6	5	
FM16-240	240ns	240	288	M12 x 45	40 x 6	5	
FM16-252	250cu	252	300	M12 x 45	40 x 6	5	
FM16-275	250nb	275	323	M12 x 45	40 x 6	5	
FM16-304	300cu	304	352	M12 x 45	40 x 6	5	
FM16-315	315ns	304	363	M12 x 45	40 x 6	5	
FM16-324	300nb	324	372	M12 x 45	40 x 6	5	

FM18 - MEDIUM DUTY YOKE CLAMP

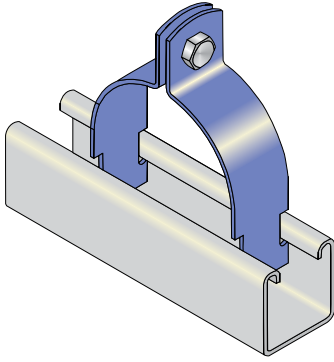


STANDARD FINISHES ONLY:
OTHER FINISHES AVAILABLE ON REQUEST

NOTE: 316 SS IS MADE TO ORDER

PART NO.	PIPE DIA.	D	HOLE DIA	BOLT	MATERIAL	BOX QTY	FINISH
FM18-048	40nb	48	14Ø	M12 x 45	40 x 6	10	HDG & 316 SS
FM18-060	50nb	60	14Ø	M12 x 45	40 x 6	10	
FM18-064	64cu	64	14Ø	M12 x 45	40 x 6	10	
FM18-076	80cu	76	14Ø	M12 x 45	40 x 6	10	
FM18-083	83ns	83	14Ø	M12 x 45	40 x 6	10	
FM18-089	80nb	89	14Ø	M12 x 45	40 x 6	10	
FM18-102	100cu	102	14Ø	M12 x 45	40 x 6	10	
FM18-115	100nb	115	14Ø	M12 x 45	40 x 6	5	
FM18-127	125cu	127	14Ø	M12 x 45	40 x 6	5	
FM18-140	125nb	140	14Ø	M12 x 45	40 x 6	5	
FM18-152	152cu	152	14Ø	M12 x 45	40 x 6	5	
FM18-168	150nb	168	14Ø	M12 x 45	40 x 6	5	
FM18-178	178ns	178	14Ø	M12 x 45	40 x 6	5	
FM18-190	190ns	190	14Ø	M12 x 45	40 x 6	5	
FM18-203	200cu	203	14Ø	M12 x 45	40 x 6	5	
FM18-220	200nb	220	14Ø	M12 x 45	40 x 6	5	
FM18-228	228ns	228	14Ø	M12 x 45	40 x 6	5	
FM18-240	240ns	240	14Ø	M12 x 45	40 x 6	5	
FM18-252	250cu	252	14Ø	M12 x 45	40 x 6	5	
FM18-275	250nb	275	18Ø	M12 x 45	40 x 6	5	
FM18-304	300cu	304	14Ø	M12 x 45	40 x 6	5	
FM18-315	315ns	304	14Ø	M12 x 45	40 x 6	5	
FM18-324	300nb	324	14Ø	M12 x 45	40 x 6	5	

FM132 - TWO PIECE CHANNEL CLIP



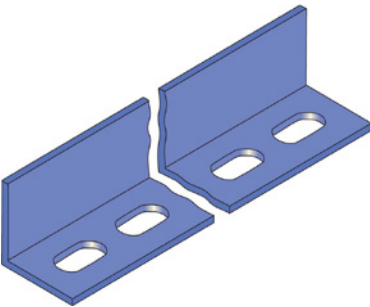
FINISH: ZINC, HDG & 316 SS

STANDARD SIZES SHOWN:
OTHER SIZES AVAILABLE ON REQUEST

PART NO.	PIPE DIA.	MATERIAL	BOX QTY
FM132-008	8cu	32 x 1.6	200
FM132-010	10cu	32 x 1.6	200
FM132-013	15cu	32 x 1.6	100
FM132-017	17ns	32 x 1.6	100
FM132-014	14ns	32 x 1.6	100
FM132-020	20cu	32 x 1.6	100
FM132-021	15nb	32 x 1.6	100
FM132-025	25cu	32 x 1.6	100
FM132-027	20nb	32 x 1.6	100
FM132-029	29ns	32 x 2.0	100
FM132-032	32cu	32 x 2.0	100
FM132-034	25nb	32 x 2.0	100
FM132-038	40cu	32 x 2.0	100
FM132-043	32nb	32 x 2.0	100
FM132-048	40nb	32 x 2.0	100
FM132-051	50cu	32 x 2.5	50
FM132-54	54ns	32 x 2.5	50
FM132-057	57ns	32 x 2.5	50
FM132-060	50nb	32 x 2.5	50
FM132-064	65cu	32 x 2.5	50
FM132-067	67ns	32 x 2.5	50
FM132-070	70ns	32 x 2.5	50
FM132-073	65nb/ SCH40	32 x 2.5	50
FM132-076	65nb/80cu	32 x 2.5	50
FM132-079	79ns	32 x 2.5	50
FM132-083	83ns	32 x 2.5	50
FM132-086	86ns	32 x 2.5	50
FM132-089	80nb	32 x 2.5	50
FM132-092	92ns	32 x 2.5	50
FM132-095	95ns	32 x 2.5	50

PART NO.	PIPE DIA.	MATERIAL	BOX QTY
FM132-098	98ns	32 x 2.5	50
FM132-102	102cu	32 x 2.5	25
FM132-105	105ns	32 x 2.5	25
FM132-108	108ns	32 x 2.5	25
FM132-110	110ns	32 x 2.5	25
FM132-115	100nb	32 x 2.5	25
FM132-117	117ns	32 x 2.5	25
FM132-121	121ns	32 x 2.5	25
FM132-127	125cu	32 x 2.5	25
FM132-133	133ns	32 x 2.5	25
FM132-140	125nb	32 x 2.5	25
FM132-146	146ns	32 x 2.5	25
FM132-152	152cu	32 x 2.5	25
FM132-159	159ns	32 x 2.5	25
FM132-165	150nb	32 x 2.5	25
FM132-168	150nb SCH40	32 x 2.5	25
FM132-171	171ns	32 x 2.5	25
FM132-178	178ns	32 x 2.5	25
FM132-190	190ns	32 x 2.5	25
FM132-203	200cu	32 x 2.5	20
FM132-220	200nb	32 x 2.5	20
FM132-228	228ns	32 x 2.5	20
FM132-240	240ns	32 x 2.5	20
FM132-252	252cu	32 x 2.5	20
FM132-268	268ns	32 x 2.5	20
FM132-275	250nb	32 x 2.5	20
FM132-302	300cu	32 x 2.5	20
FM132-315	315ns	32 x 2.5	20
FM132-324	300nb	32 x 2.5	20

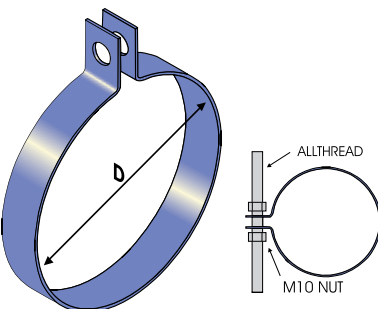
EF1500 - ANGLE / SLOTTED ANGLE



PART NO.	MATERIAL	SLOT	STANDARD LENGTH	FINISH
EF1500-030	30 x 30 x 2.5	11 x 25	3m	ZINC
EF1500-040	40 x 40 x 2.5	12 x 25	3m & 6m	
EF1500-050	50 x 50 x 5.0	14 x 30	3m & 6m	
EF1500-065	65 x 65 x 5.0	18 x 32	6m	

MIN. YIELD STRESS 400MPa
MIN. TENSILE STRENGTH 450MPa

WRAP AROUND BANDS



PART NO.	PIPE DIA.	D	MATERIAL	HOLE SIZE	BOX QTY	FINISH
FM127SP-027	20nb	27	25 x 1.0	11Ø	100	GALVABOND
FM127SP-034	25nb	34	25 x 1.0	11Ø	100	
FM127SP-043	32nb	43	25 x 1.2	11Ø	50	
FM127SP-048	40nb	48	25 x 1.2	11Ø	50	
FM127SP-060	50nb	60	25 x 1.2	11Ø	50	



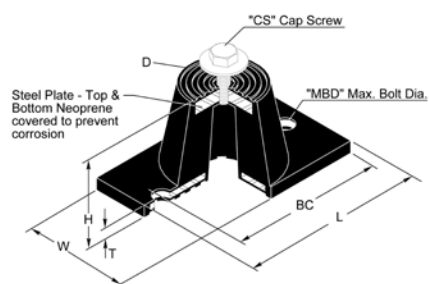
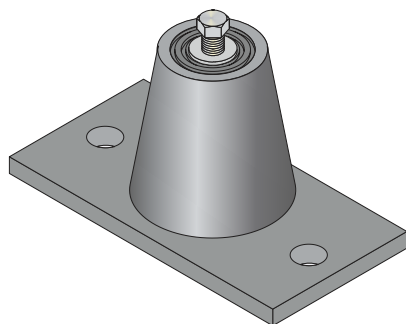
CONTENTS

VIBRATION ISOLATION

PLEASE NOTE:
ALL MEASUREMENTS ARE MILLIMETRE UNLESS SPECIFIED OTHERWISE

TYPE 'ND' RUBBER MOUNTS	124	HANGER SPRING 'Y' SERIES	126
RL MOUNTS	124	IM Y SERIES	126
HD HANGERS	125	IM X & A SERIES	127
HD ELEMENTS	125	TOP HATS	127
WAFFLE PADS	125	FLEXI BARRIER	128
RUBBER GROMMETS	126	FLEXI CUSHION	128
SPRING CAGE ASSEMBLY	126	ACOUSTIC LIPPED RUBBER	128

TYPE 'ND' RUBBER MOUNTS

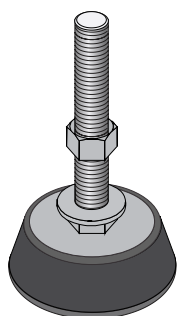


PART NO.	DUROMETER	RATED LOAD	DEFLECTION
		kg	mm
ND-A-BLACK	30	7 - 21	9
ND-A-GREEN	40	14 - 34	9
ND-A-RED	50	27 - 57	9
ND-B-BLACK	30	23 - 45	10
ND-B-GREEN	40	34 - 68	10
ND-B-RED	50	50 - 107	10
ND-B-WHITE	60	82 - 173	10
ND-B-YELLOW	70	136 - 273	10
ND-C-GREEN	40	64 - 118	13
ND-C-RED	50	91 - 182	13
ND-C-WHITE	60	141 - 273	13
ND-C-YELLOW	70	236 - 455	13

TYPE 'ND' DIMENSIONS

SIZE	D	H	L	T	W	BC	CS	MBD
	mm	mm	mm	mm	mm	mm	mm	mm
ND-A	30	38	81	5	41	61	8	8
ND-B	45	48	99	6	59	77	10	8
ND-C	65	70	140	6	84	105	12	13
ND-D	86	70	159	8	102	128	12	13

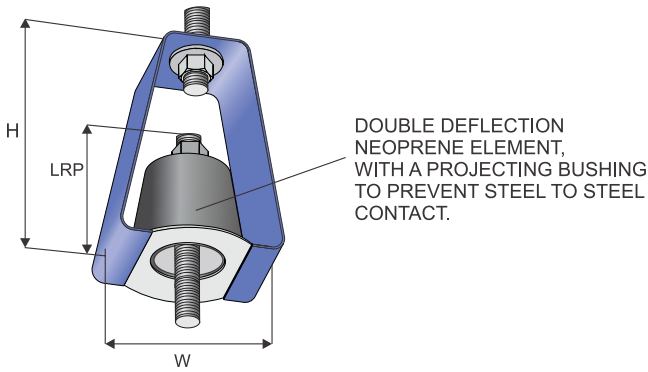
RL MOUNT



PART NO.	MAX LOAD	COLOUR CODE	TAPPED HOLE
	kg		
RL-4-GREEN	68	GREEN	M10
RL-4-RED	113	RED	M10
RL-4-WHITE	181	WHITE	M10

COMES WITH 64mm LONG LEVELLING STUD, NUTS AND WASHERS

HD HANGER

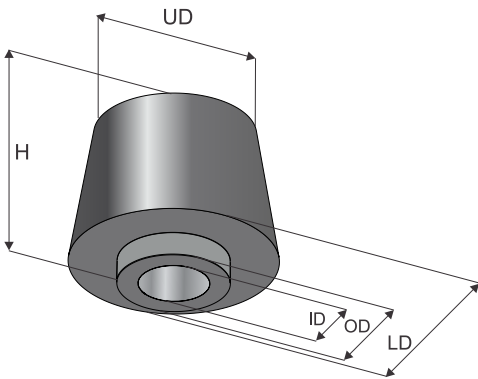


PART NO.	DUROMETER	RATED LOAD	DEFLECTION
		kg	mm
HD-GREEN	40	Up to 16	5
HD-WHITE	60	16 - 34	5
HD-A-BLACK	30	Up to 20	9
HD-A-GREEN	40	14 - 34	9
HD-A-RED	50	27 - 57	9

HD HANGER DIMENSIONS

SIZE	D	H	W	LRP	MRD
	mm	mm	mm	mm	mm
HD	35	32	29	11	17
HD-A	45	38	38	21	27

HD ELEMENT

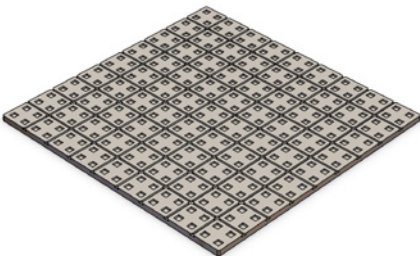


PART NO.	DUROMETER	RATED LOAD	DEFLECTION
		kg	mm
HD-E-GREEN	40	Up to 16	5
HD-E-WHITE	60	16 - 34	5
HD-A-E-BLACK	30	Up to 20	9
HD-A-E-GREEN	40	14 - 34	9
HD-A-E-RED	50	27 - 57	9

HD ELEMENT DIMENSIONS

SIZE	LD	UD	H	ID	OD	MAX ROD DIA.
	mm	mm	mm	mm	mm	
HD-E	35	32	29	11	17	M10
HD-A-E	45	38	38	21	27	M12

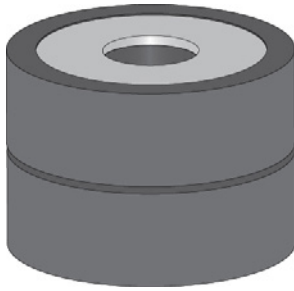
WAFFLE PADS



PART NO.	DESCRIPTION
WAFFLE	450 x 450 x 10
WAFFLE-SUPER	450 x 450 x 20

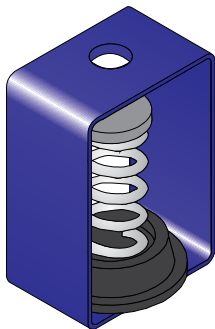
NATURAL RUBBER FOR MAXIMUM RESILIENCE AND VIBRATION ISOLATION. CONTAINS ANTI-OXIDANTS AND ANTI-OZANTS TO IMPROVE AGING. STANDARD NEOPRENE TO MODERATE OIL RESISTANCE.

M10 RUBBER GROMMET



PART NO.	DESCRIPTION	WORKING LOAD	SUITS	BOX QTY
		kg		
M10RUBBER	RUBBER GROMMET	Up to 25	11Ø	100

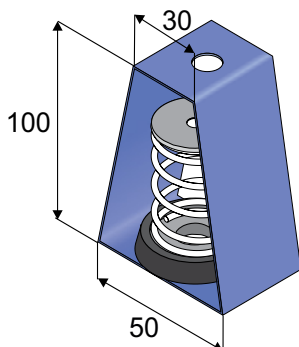
SPRING CAGE ASSEMBLY



PART NO.	ROD DIA.	HEIGHT	WIDTH	LOAD
		mm	mm	kg
FMGR-SPS	M10	107	72	51
FMGR-SPL	M12/M16	148	82	141

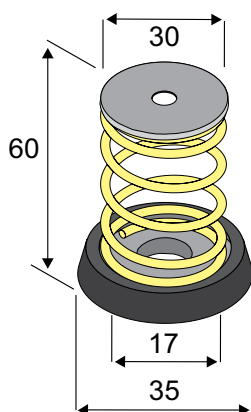
FINISH: ZINC / POLYESTER POWDER COATED
SPRING CAGE USED FOR VIBRATION SUPPORT SYSTEM

HANGER SPRING Y SERIES



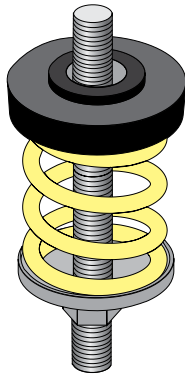
PART NO.	COLOUR	RATED LOAD	DEFLECTION	MAX ROD DIA.
		kg	mm	
HS-Y-10	SILVER	10	20	M10
HS-Y-15	GOLD	15	20	
HS-Y-30	BLACK	30	20	
HS-Y-50	SILVER	50	20	
HS-Y-60	BLUE	60	20	

IM Y SERIES



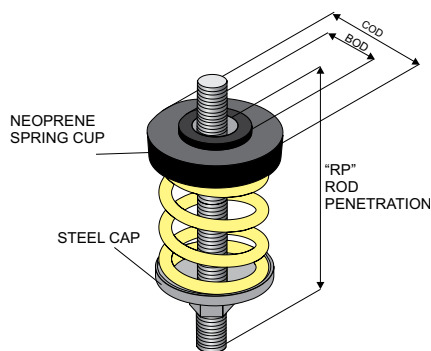
PART NO.	COLOUR	RATED LOAD	DEFLECTION	MAX ROD DIA.
		kg	mm	
IM-Y-10	SILVER	10	20	M10
IM-Y-15	GOLD	15	20	
IM-Y-30	BLACK	30	20	
IM-Y-50	SILVER	50	20	
IM-Y-60	BLUE	60	20	

IM X AND A SERIES



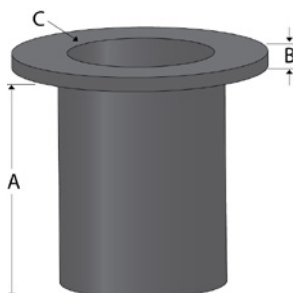
PART NO.	RATED CAPACITY	DEFLECTION	SPRING CONSTANT	SPRING COLOURS/STRIP
	kg	mm	kg/mm	
IM-X-23	10	33	0.32	BROWN
IM-X-33	15	28	0.54	RED
IM-X-54	25	30	0.81	WHITE
IM-X-76	35	26	1.33	BLACK
IM-X-113	51	25	2.02	YELLOW
IM-X-130	59	25	2.33	PURPLE
IM-X-175	80	25	3.13	SILVER
IM-X-210	95	25	3.76	BLUE
IM-A-12	5	25	0.21	RED
IM-A-18	8	25	0.32	GREY
IM-A-25	11	25	0.45	ORANGE
IM-A-45	20	41	0.50	BLUE
IM-A-75	34	38	0.89	ORANGE
IM-A-125	57	34	1.68	BROWN
IM-A-200	91	29	3.11	BLACK
IM-A-310	141	25	5.55	YELLOW
IM-A-400	182	25	7.16	GREEN
IM-A-510	232	25	9.13	RED
IM-A-625	284	25	11.18	WHITE

TYPE IM DIMENSIONS



SIZE	BUSHING OUTSIDE DIA. (BOD)	ROD PENETRATION (RP)	MAX ROD DIA. (MDR)	CUP OUTSIDE DIA. (COD)
	mm	mm	mm	mm
IM-X-23 TO 210	22	51	10	70
IM-X-12 TO 25	25	54	10	57
IM-A-45 TO 400	25	54	12	86
IM-A-510	25	54	12	89
IM-A-625	25	54	12	95

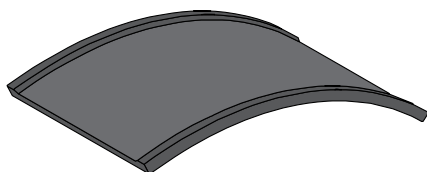
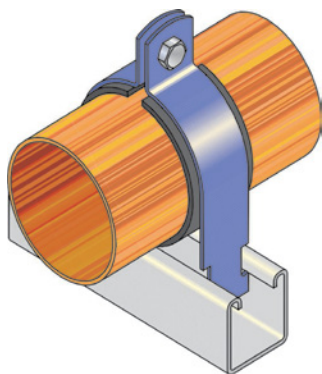
TOP HAT



PART NO.	DESCRIPTION	COLOUR	A	B	C
TOPHAT	TOP HAT/ ISOLATOR	BLACK or WHITE	To order	To order	To order

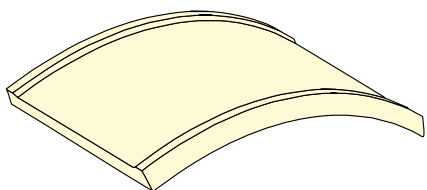
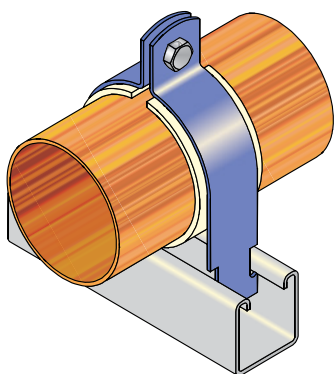
SIZES RANGE FROM M6 to M20

FLEXI BARRIER



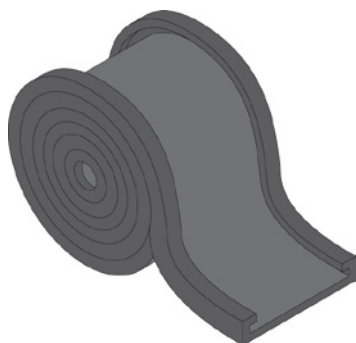
PART NO.	DESCRIPTION	MATERIAL	COLOUR	SIZE QTY
FM2600B	Electrolysis barrier Abrasion protection Allows contraction and expansion	PVC	Black	20m roll

FLEXI CUSHION



PART NO.	DESCRIPTION	MATERIAL	COLOUR	SIZE QTY
FM2600W	Flexible Sound and vibration isolation Shock absorption Electrolysis barrier Abrasion protection Operating temperature: -45°C to 175°C	Elastomer	White	10m roll

ACOUSTIC LIPPED RUBBER



PART NO.	DESCRIPTION	WIDTH	MATERIAL	COLOUR	SIZE QTY
FM2600L-20	Lipped electrolysis barrier Abrasion protection Allows contraction and expansion	20mm	PVC	Black	20m roll
FM2600L-25	Lipped electrolysis barrier Abrasion protection Allows contraction and expansion	25mm	PVC	Black	20m roll



CONTENTS

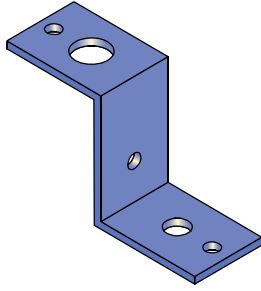
DUCT ACCESSORIES

PLEASE NOTE:
ALL MEASUREMENTS ARE MILLIMETRE UNLESS SPECIFIED OTHERWISE

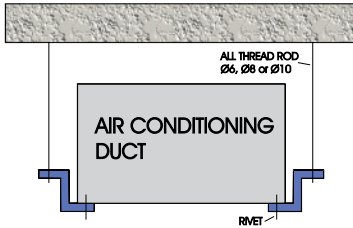
'Z' BRACKETS	130
H.D 'Z' BRACKETS	130
'L' BRACKETS	130
REGISTER SPRING	130

DUCT BOLTS	130
DUCT EARS	131
DUCT CLEATS	131
DUCT TOOLS	131

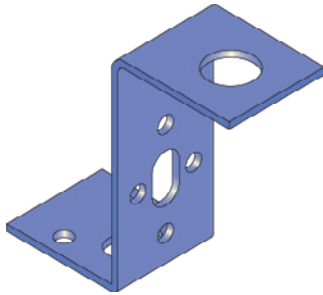
Z BRACKET



PART NO.	BOX QTY	FINISH
Z-CLIP	100	ZINC



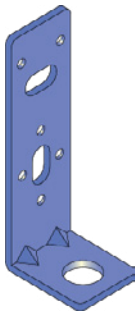
HEAVY DUTY Z BRACKET



PART NO.	BOX QTY	FINISH
Z-CLIPHD	100	ZINC
CAN BE USED WITH M10 RUBBER GROMMET		



HEAVY DUTY L BRACKET



PART NO.	BOX QTY	FINISH
L-CLIP	100	ZINC
CAN BE USED WITH M10 RUBBER GROMMET		

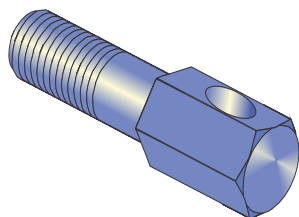


REGISTER SPRING

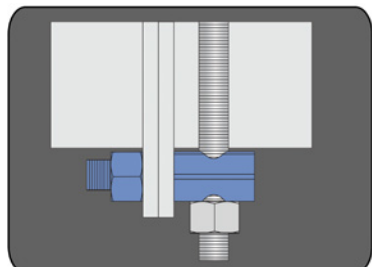


PART NO.	WIDTH	COIL LENGTH	OVERALL LENGTH	BOX QTY	FINISH
	mm	mm	mm		
SPRING-10x75	10	75	122	100	Unplated
SPRING-20x35	20	35	120	100	

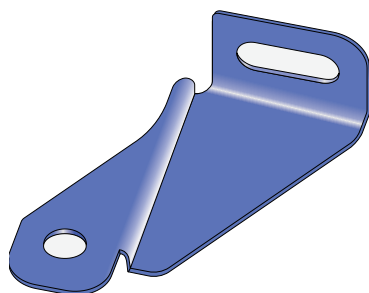
DUCT BOLT



PART NO.	SUIT ROD	BOX QTY	FINISH
FM34HB10	M10	50	ZINC

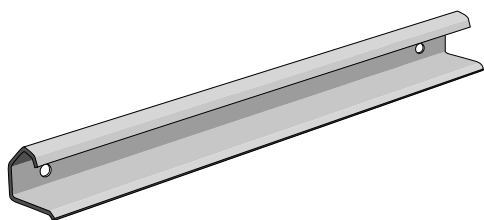


DUCT EAR

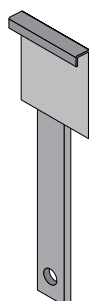
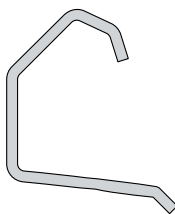
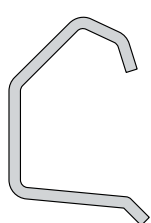


PART NO.	BOX QTY	FINISH
FM34CNR	50	GALVABOND

DUCT CLEAT



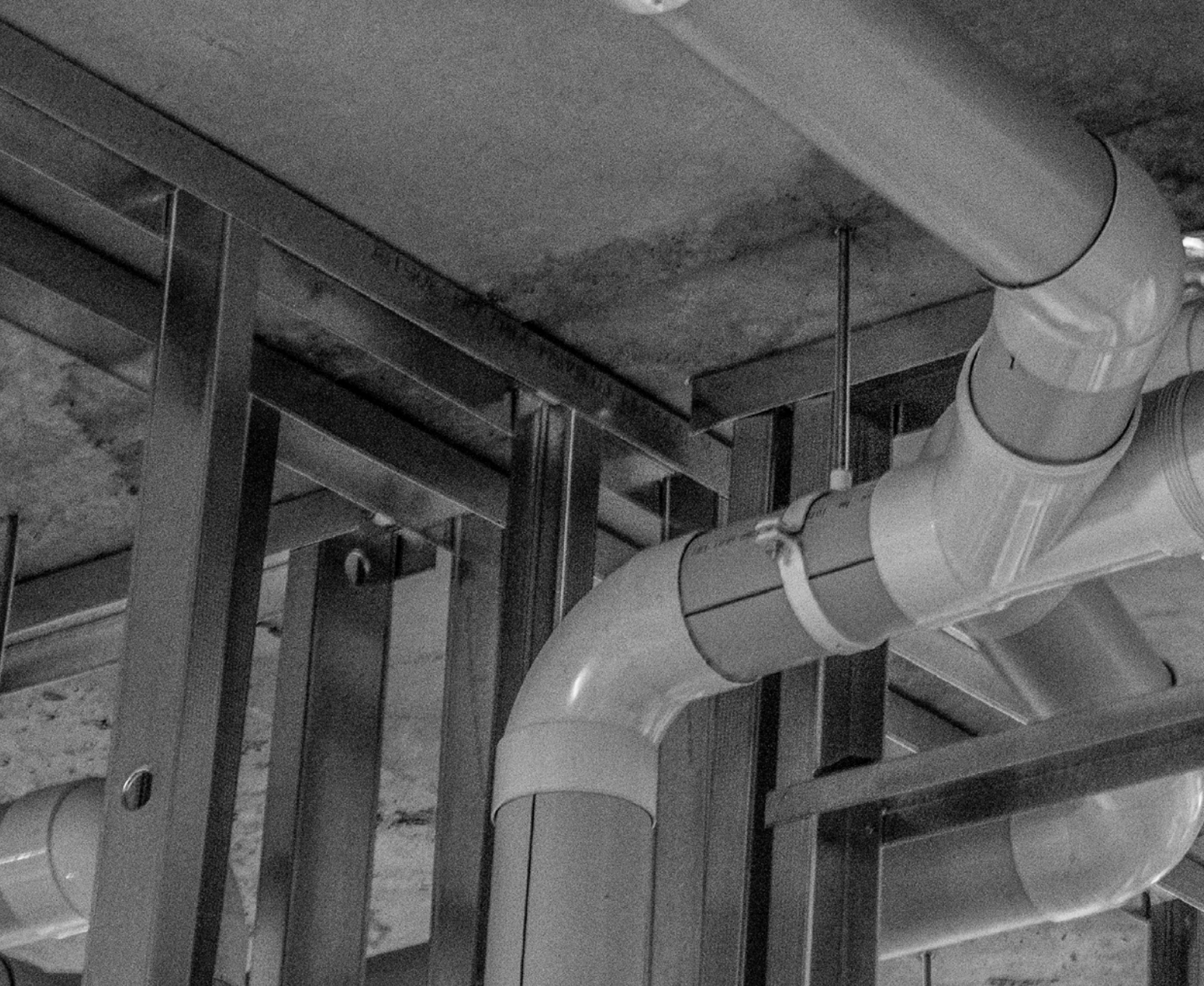
PART NO.	DESCRIPTION	BOX QTY	FINISH
DUCTCLEAT-SHORT	SHORT LEG	250	ZINC
DUCTCLEAT-LONG	LONG LEG	250	ZINC
SSDUCTCLEAT-LONG	LONG LEG	250	304 SS
DUCT-TOOL	TOOL	1	ZINC



DUCTCLEAT-SHORT

DUCTCLEAT-LONG

DUCT-TOOL



CONTENTS

DOMESTIC PLUMBING

PLEASE NOTE:
ALL MEASUREMENTS ARE MILLIMETRE UNLESS SPECIFIED OTHERWISE

DWV PVC CLIPS	133
DWV EXPANSION CLIPS	133
COPPER CLIPS	133
HANGING STRAP	134
STAND OFF BRACKETS	134

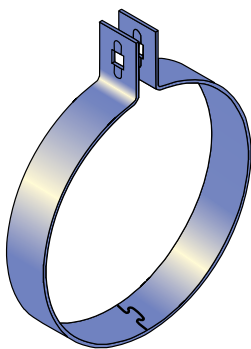
DOMESTIC CLEVIS HANGERS	134
SHORT SADDLES	135
STAND OFF SADDLES	135
STAND OFF BRACKETS	135

DWV PVC CLIPS



PART NO.	TO SUIT	BOX QTY	FINISH
DMPVC-040	40 PVC	20	POLY WHITE
DMPVC-050	50 PVC	20	
DMPVC-065	65 PVC	20	
DMPVC-080	80 PVC	20	
DMPVC-100	100 PVC	20	
DMPVC-150	150 PVC	20	

DWV PVC EXPANSION CLIPS



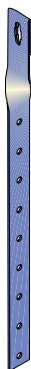
PART NO.	TO SUIT	BOX QTY	FINISH
DMPVCEXP-040	40 EXP PVC	20	POLY GREY
DMPVCEXP-050	50 EXP PVC	20	
DMPVCEXP-065	65 EXP PVC	20	
DMPVCEXP-080	80 EXP PVC	20	
DMPVCEXP-100	100 EXP PVC	20	

COPPER CLIPS



PART NO.	TO SUIT	BOX QTY	FINISH
DMCU-015	15cu	20	POLY BROWN
DMCU-020	20cu	20	
DMCU-025	25cu	20	
DMCU-032	32cu	20	
DMCU-040	40cu	20	
DMCU-050	50cu	20	
DMCU-065	65cu	20	
DMCU-080	80cu	20	
DMCU-100	100cu	20	
DMCU-152	150cu	20	

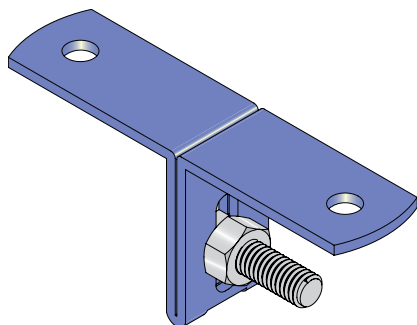
HANGING STRAP



PART NO.	BOX QTY	FINISH
DM300LD	50	GALVABOND
DM450LD		

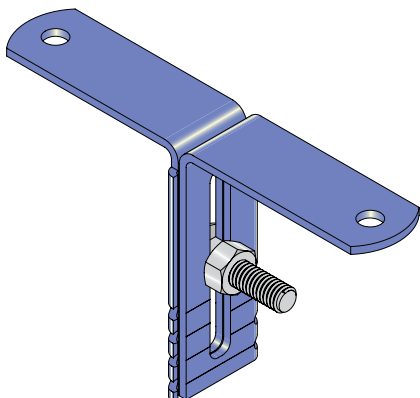
316 SS AVAILABLE ON REQUEST

STANDARD STAND-OFF BRACKET



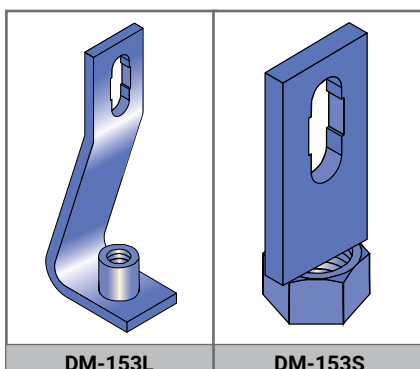
PART NO.	BOX QTY	FINISH
FM116	100	ZINC
SSFM116	100	316 SS

ADJUSTABLE STAND-OFF BRACKET



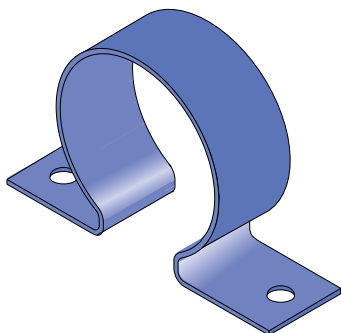
PART NO.	BOX QTY	FINISH
FM117	100	ZINC

DOMESTIC CLEVIS HANGER



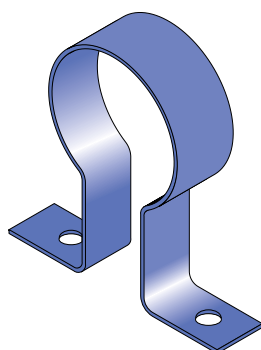
PART NO.	SUIT ROD	MATERIAL	BOX QTY	FINISH
DM-153L	M10	20 x 3	50	ZINC
DM-153S	M10	20 x 3	50	
USED IN RELATION WITH DOMESTIC WRAP AROUND CLIPS				

SHORT SADDLES DWV P.V.C.



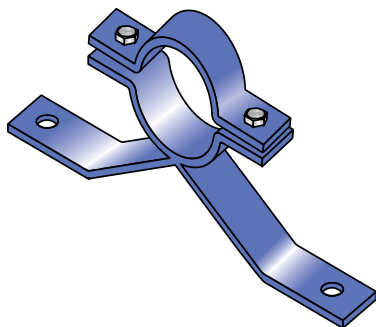
PART NO.	TO SUIT	MATERIAL	BOX QTY	FINISH
DWV-SS-040	40 PVC	20 x 1.3	50	POLY WHITE
DWV-SS-050	50 PVC	20 x 1.3	50	
DWV-SS-065	65 PVC	20 x 1.3	50	
DWV-SS-080	80 PVC	20 x 1.3	50	
DWV-SS-090	90 PVC	20 x 1.3	50	
DWV-SS-100	100 PVC	20 x 1.3	20	

STAND OFF SADDLES DWV P.V.C.



PART NO.	TO SUIT	MATERIAL	BOX QTY	FINISH
DWV-SO-040	40 PVC	20 x 1.3	50	POLY WHITE
DWV-SO-050	50 PVC	20 x 1.3	50	
DWV-SO-065	65 PVC	20 x 1.3	50	
DWV-SO-080	80 PVC	20 x 1.3	50	
DWV-SO-090	90 PVC	20 x 1.3	50	
DWV-SO-100	100 PVC	20 x 1.3	20	

STAND OFF BRACKET DWV P.V.C.



PART NO.	TO SUIT	MATERIAL	BOX QTY	FINISH
FMSO-040	40 PVC	25 x 3	20	POLY WHITE
FMSO-050	50 PVC	25 x 3	20	
FMSO-065	65 PVC	25 x 3	20	
FMSO-080	80 PVC	25 x 3	20	
FMSO-090	90 PVC	25 x 3	20	
FMSO-100	100 PVC	25 x 3	20	
FMSO-150	150 PVC	25 x 3	10	
FMSO-250	225 PVC	40 x 6	2	



CONTENTS

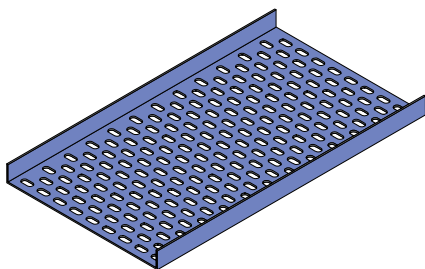
ELECTRICAL

PLEASE NOTE:
ALL MEASUREMENTS ARE MILLIMETRE UNLESS SPECIFIED OTHERWISE

PERFORATED CABLE TRAY	137
LADDER TRAY	137
FLEXI TRAY COVER	137
CABLE LADDER	138
FISH PLATES	138
TRAY BOLTS & NUTS	138
LINK PLATES	139
HOLD DOWN CLAMPS	139
T-X BRACKETS	139

RADIUS PLATES	139
BARRIER STRIPS	139
TRAPEZE SUPPORTS	140
TRIFOIL CLAMPS	140
QUADFOIL CLAMPS	140
CHANNEL JOINERS	141
FMC BEAM CLAMPS	141
FMCR CLIPS	141

PERFORATED CABLE TRAY

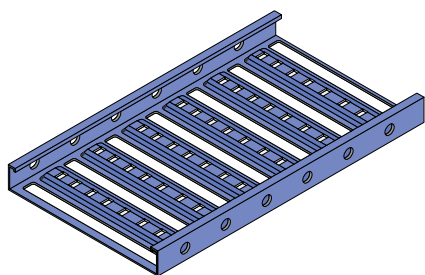


OTHER FINISHES AVAILABLE ON REQUEST

STANDARD LENGTH 2.4MTS

PART NO.	WIDTH	HEIGHT	FINISH
	mm	mm	
PCT-075	75	10	GALVABOND
PCT-100	100	10	
PCT-150	150	10	
PCT-225	225	10	
PCT-300	300	10	
PCT-450	450	10	
PCT-600	600	10	

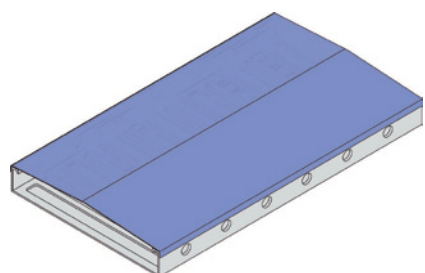
LADDER TRAY



STANDARD LENGTH 3MTS

PART NO.	WIDTH	HEIGHT	FINISH
	mm	mm	
FT3-150	172	50	GALVABOND & HDG
FT3-300	322	50	
FT3-450	472	50	
FT3-600	622	50	

FLEXI TRAY COVER

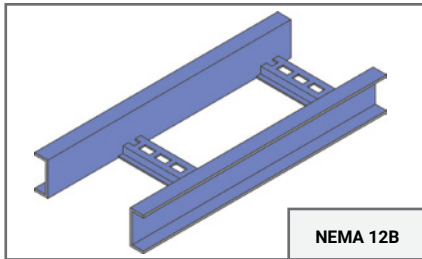


HDG AVAILABLE ON REQUEST

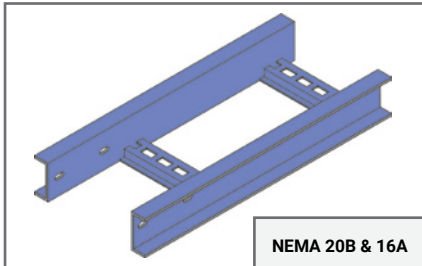
STANDARD LENGTH 3MTS

PART NO.	TO SUIT	FINISH
	mm	
FT-COV150	172	GALVABOND
FT-COV300	322	
FT-COV450	472	
FT-COV600	622	

CABLE LADDER



NEMA 12B CABLE LADDER			
PART NO.	WIDTH	HEIGHT	FINISH
	mm	mm	
NEMA12B-150	150	65	HDG
NEMA12B-300	300	65	
NEMA12B-450	450	65	
NEMA12B-600	600	65	



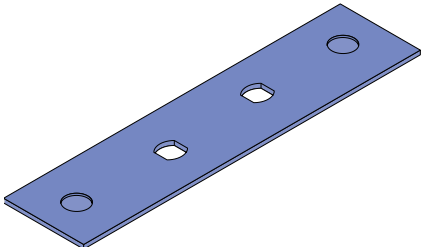
NEMA 20B CABLE LADDER			
PART NO.	WIDTH	HEIGHT	FINISH
	mm	mm	
NEMA20B-150	150	130	HDG
NEMA20B-300	300	130	
NEMA20B-450	450	130	
NEMA20B-600	600	130	

OTHER FINISHES AVAILABLE ON REQUEST

STANDARD LENGTH 6MTS
ALL ACCESSORIES AVAILABLE

NEMA 16A CABLE LADDER			
PART NO.	WIDTH	HEIGHT	FINISH
	mm	mm	
NEMA16A-150	150	93	HDG
NEMA16A-300	300	93	
NEMA16A-450	450	93	
NEMA16A-600	600	93	

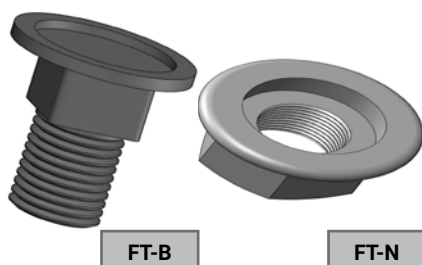
FISH PLATE



PART NO.	BOX QTY	FINISH
FT3-FP	50	GALVABOND & HDG

FLEXISTRUT TRAY FISH PLATE
JOINS STRAIGHT TRAY SECTIONS TOGETHER
2 FISH PLATES REQUIRED PER LENGTH

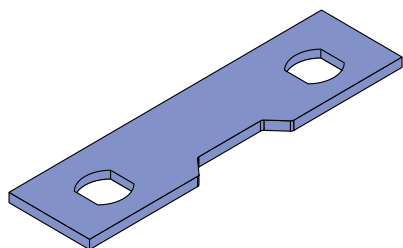
NUTS AND BOLTS



PART NO.	DESCRIPTION	BOX QTY	FINISH
FT-B	TRAY BOLT	50	ZINC & HDG
FT-N	TRAY NUT	50	

FLEXISTRUT TRAY BOLTS AND NUTS.
FOR SECURING LINK PLATE, FISH PLATE,
RADIUS PLATE, T-X BRACKET,
& HOLD DOWN CLAMP.

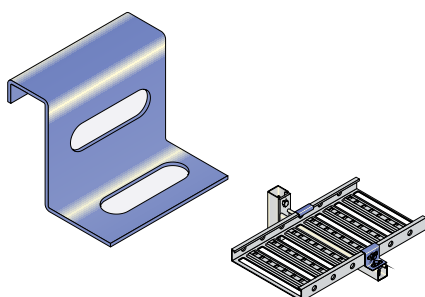
LINK PLATE



PART NO.	BOX QTY	FINISH
FT3-LP	100	GALVABOND & HDG

FLEXISTRUT LINK PLATE
CREATE EXTERNAL AND INTERNAL RISERS TO RUN CABLE TRAY VERTICALLY.
6 LINK PLATES REQUIRED TO MAKE A 90 DEGREE RISER.

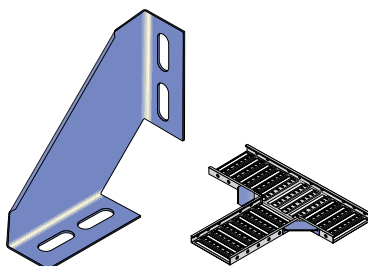
HOLD DOWN CLAMP



PART NO.	BOX QTY	FINISH
FT3-HDC	50	GALVABOND & HDG

FLEXISTRUT TRAY HOLD DOWN CLAMP USED
FOR SECURING TRAY ONTO SUPPORT.

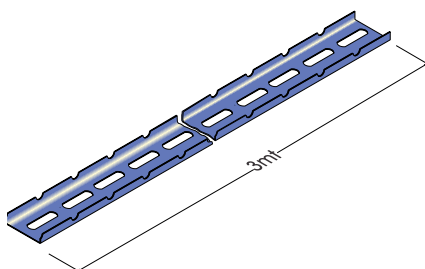
T-X BRACKET



PART NO.	BOX QTY	FINISH
FT3-TX	25	GALVABOND & HDG

FLEXISTRUT TRAY T-X BRACKET
USED FOR T OR CROSS INTERSECTION.

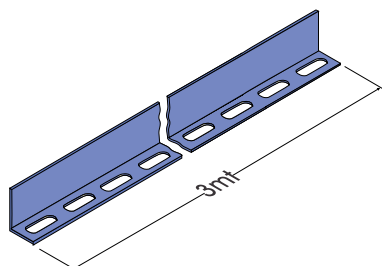
RADIUS PLATE



PART NO.	FINISH
FT3-RP	GALVABOND & HDG

FLEXISTRUT RADIUS PLATE
CREATES BENDS OF VARYING ANGLES.
LENGTH: 3MT

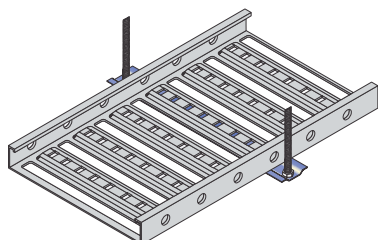
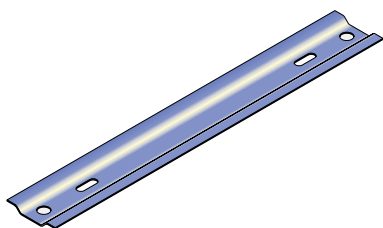
BARRIER STRIP



PART NO.	FINISH
FT3-BS	GALVABOND & HDG

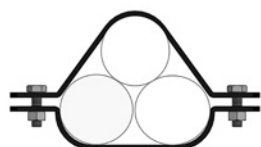
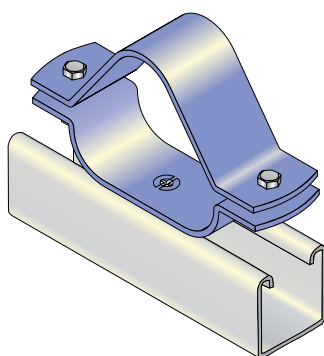
FLEXISTRUT TRAY BARRIER STRIP
ADJUSTABLE CABLE DIVIDER.
LENGTH: 3MT

TRAPEZE SUPPORT



PART NO.	WIDTH	FINISH
	mm	
FT-TS150	250	GALVABOND & HDG
FT-TS300	400	
FT-TS450	550	
FT-TS600	700	

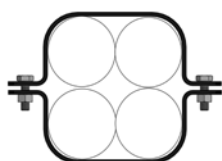
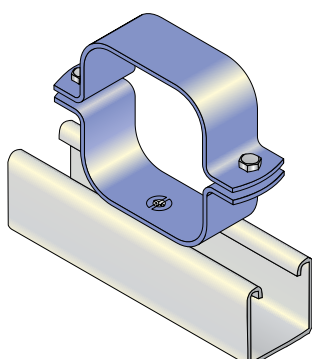
TRIFOIL CLAMP



PART NO.	CABLE DIA.	WIDTH	HEIGHT	FINISH
		mm	mm	
FTF-20	20	92	43	GALVABOND
FTF-22	22	96	47	
FTF-24	24	100	51	
FTF-27	27	106	56	
FTF-30	30	112	62	
FTF-33	33	118	68	
FTF-37	37	126	75	
FTF-41	41	134	83	
FTF-45	45	142	90	

HDG AVAILABLE ON REQUEST

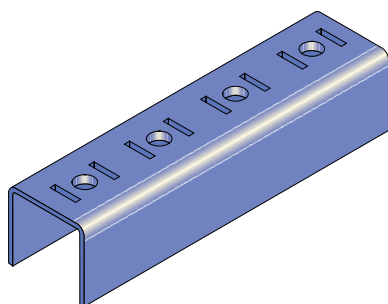
QUADFOIL CLAMP



PART NO.	CABLE DIA.	WIDTH	HEIGHT	FINISH
		mm	mm	
FQF-20	20	92	46	GALVABOND
FQF-22	22	96	50	
FQF-24	24	100	54	
FQF-27	27	106	60	
FQF-30	30	112	66	
FQF-33	33	118	76	
FQF-37	37	126	80	
FQF-41	41	134	88	
FQF-45	45	142	96	

HDG AVAILABLE ON REQUEST

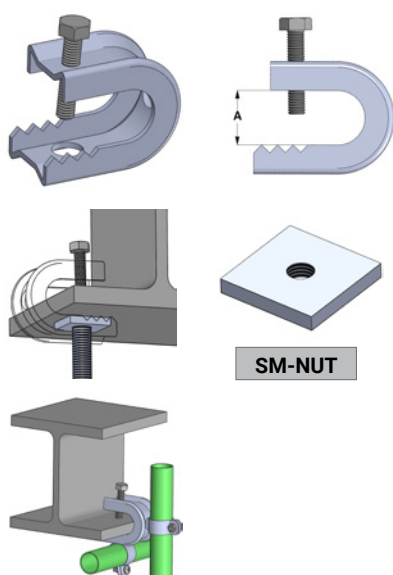
CHANNEL JOINER LIGHT DUTY



PART NO.	BOX QTY	FINISH
FM2377	10	GALVABOND

CHANNEL JOINER L/DUTY
 USED FOR JOINING CHANNEL TOGETHER
 FM1000 AND FM2000.
 COMES WITH FOUR 7mm HOLES.
 ORDER SEPARATELY FM3016 AND M6x15
 COUNTERSUNK HEAD SCREWS.

FMC BEAM CLAMP

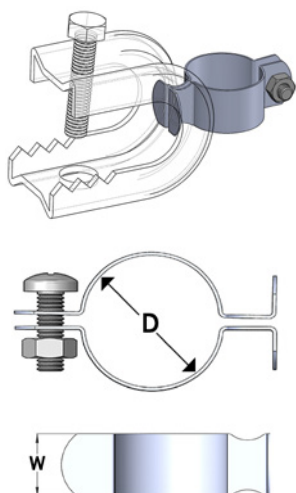


PART NO.	A mm	BOLT SIZE	BOX QTY	FINISH
FMC20	20	M6 x 25	25	HDG
FMC30	30	M8 x 30	25	
FMC45	45	M8 x 30	25	

FMC BEAM CLAMP
 FOR SUSPENSION OR DIRECT ATTACHMENT AND INSTALLATION OF SERVICES,
 CONDUITS, CABLES, THREADED RODS, CHAINS, ETC.
 USED IN COMBINATION WITH FMCR CLIPS FOR CONDUITS.
 USED IN COMBINATION WITH SM NUT FOR THREADED RODS.
 FOR BEAM FLANGES UP TO 45 mm THICKNESS.
 CLAMPS ARE SERRATED FOR INCREASED SECURITY.

316 SS AVAILABLE ON REQUEST

FMCR CLIP



PART NO.	D mm	W mm	BOX QTY	FINISH
FMCR17	16 - 20	16	200	HDG
FMCR21	20.4 - 25	16	100	
FMCR28	26.9 - 31.8	16	100	
FMCR37	33.7 - 38	20	10	
FMCR42	40 - 44.5	20	10	
FMCR48	47 - 51	20	10	
FMCR60	59.2 - 63.5	20	10	

FMCR CLIP
 FOR SECURING CONDUITS OR CABLES.
 FMCR CLIP FITS DIRECTLY INTO THE FMC BEAM CLAMP.

316 SS AVAILABLE ON REQUEST

90° ANGLE CHANNEL FITTINGS	25 - 26
ACOUSTIC CLIPS	66
ACOUSTIC LIPPED RUBBER	128
ALLTHREAD ROD	32
ALLTHREAD STUBS	32
ANCHORS	98 - 105
ANGLE / SLOTTED ANGLE	32 & 122
ANGLE BRACKETS	35
ANGULAR CHANNEL FITTINGS	29
BAND CLAMP ATTACHMENTS	54
BAND CLAMPS	53 - 57
BARRIER STRIPS	139
BASE PLATES	29
BEAM CLAMPS	39 - 41
BEAM CLAMPS	118
BEAM CLIPS	120
BEAM HANGERS	68
BLADE END HANGERS	67
BRACING SYSTEM	38
CABLE LADDER	138
CANTILEVER BRACKETS	118
CANTILEVER BRACKETS	30
CHANNEL CLIP FOR REFRIGERATION PIPE	69
CHANNEL FITTINGS - 90°	25 - 26

CHANNEL FITTINGS - U SHAPE	27
CHANNEL FITTINGS - WING SHAPE	26
CHANNEL FITTINGS - Z SHAPE	28
CHANNEL JOINERS	141
CHANNEL NUTS	23
CHANNELS	10 - 21
CLEVIS HANGERS	79
CLIP HEADS	116
CLOSURE STRIPS	22
CONCRETE INSERTS	22
COPPER CLIPS	133
CURTAIN TRACK SLIDERS	30
DOMESTIC CLEVIS HANGERS	134
DOUBLE BOLTED CLAMPS	45 - 51
DOUBLE BOLTED CLAMPS - LIGHT DUTY	46
DOUBLE BOLTED CLAMPS - MEDIUM DUTY	47 & 121
DOUBLE BOLTED CLAMPS - HEAVY DUTY	47
DROP IN ANCHORS	33
DUCT BOLTS	130
DUCT CLEATS	131
DUCT EARS	131
DUCT TOOLS	131
DWV EXPANSION CLIPS	133
DWV PVC CLIPS	133

END CAPS	22
EYE NUTS	33 & 68
EYEBOLTS	67
F.R.C CLAMPS & SADDLES	73
FAST CLIP	69
FAST NUTS	23
FERRULES	112
FISH PLATES	138
FLAT PLATE FITTINGS	24
FLEXI TRAY COVER	137
FLEXIBARRIER	128
FLEXIBLOCKS	113
FLEXICUSHION	128
FMC BEAM CLAMPS	141
FMCR CLIPS	141
GAS RISERS	109 - 111
HANGER CLEVIS	67
HANGER SPRING 'Y' SERIES	126
HANGER STIRRUPS	68
HANGING STRAP	134
HD ELEMENTS	125
HD HANGERS	125
HOLD DOWN CLAMPS	139
IM X & A SERIES	127

IM Y SERIES	126
L BRACKETS	130
LADDER TRAY	137
LIGHT DUTY SADDLES	116
LINK PLATES	139
MOUNTING PLATES	34
NUT CLIPS	58 - 65
NUT CLIPS (FIRE PROTECTION)	116
ONE PIECE CHANNEL CLIPS	69
PEAR BANDS	76
PEAR BANDS	117
PERFORATED CABLE TRAY	137
PETRO CHEM CLAMPS	106 - 108
PIPE BEAM CLIPS	42
POLYURETHANE BLOCKS	114
PURLIN CLEATS	36
PURLIN CLEATS	120
PURLIN CLIPS	36 - 37
PURLIN CLIPS	119
QUADFOIL CLAMPS	140
RADIUS PLATES	139
REGISTER SPRINGS	130
RISER GUIDES	88 - 91
RL MOUNTS	124

ROD	32
ROD COUPLERS	33
ROLLER GUIDES	92 - 97
RUBBER GROMMETS	126
SADDLE CLAMPS	74 - 75
SADDLES - LIGHT DUTY	74
SADDLES - MEDIUM DUTY	75 & 120
SADDLES - HEAVY DUTY	75
SHANK CLIPS	77
SHORT SADDLES	135
SLIDE GUIDES	80 - 85
SLOTTED ANGLE	32
SOLID ANGLE	32
SPHERICAL WASHERS	67
SPIDER CLAMPS	52
SPIDER GUIDES	86 - 87
SPRING CAGE ASSEMBLY	126
SQUARE WASHERS	24
STAND OFF BRACKETS	134
STAND OFF BRACKETS	135
STAND OFF SADDLES	135
STRUT	10 - 21
STRUT CLIPS (ONE PIECE)	69
STRUT CLIPS (TWO PIECE)	122

STUDS	32
TEE BRACKETS	34
THREADED ROD CLAMPS	33
TOP HATS	127
TRAPEZE SUPPORTS	140
TRAY BOLTS & NUTS	138
TRIFOIL CLAMPS	140
TROLLEY ASSEMBLIES	28
TWIST CLIPS	116
TWO PIECE CHANNEL CLIPS	70 - 72 & 122
T-X BRACKETS	139
TYPE 'ND' RUBBER MOUNTS	124
U BOLTS	42 - 43 & 117
U SHAPE CHANNEL FITTINGS	27
WAFFLE PADS	125
WEDGE NUTS	33 & 118
WING SHAPE CHANNEL FITTINGS	26
WRAP AROUND BANDS	122
YOKE CLAMPS	77 - 78
YOKE CLAMPS - LIGHT DUTY	77 - 78
YOKE CLAMPS - MEDIUM DUTY	78 & 121
Z BRACKETS	130
Z BRACKETS - HEAVY DUTY	130
Z SHAPE CHANNEL FITTINGS	28

7/11	35	EF2050	33	FM1007	23	FM129	54-55
2H4	37	EF2200	37	FM1008	23	FM130	56-57
4H24	37	EF2200	119	FM1010	23	FM132	70
ACOUSTIC PIPE CLIPS	66	EF2300	37	FM1012	23	FM132	122
DM	134	EF2300	119	FM1026	25	FM1325	25
DM300LD	134	EF300	116	FM1031	24	FM1326	25
DM450LD	134	EF400	116	FM1033	26	FM132FC	69
DMCU	133	EF500	76	FM1034	26	FM132R	69
DMPVC	133	EF500	117	FM1035	26	FM133	70
DMPVCEXP	133	EF600	42	FM1036	24	FM134	71
DUCTCLEAT	131	EF600	117	FM1037	26	FM1346	25
DUCT-TOOL	131	EF700	42	FM1038	25	FM135	72
DWV-SO	135	EF700	120	FM1044	27	FM1358	24
DWV-SS	135	EF700LD	42	FM1045	28	FM136	112
EB200	58	EH200	60	FM1046	27	FM1376	27
EC200	58	EH300	77	FM1047	27	FM1377	27
EC300	77	EP200	60	FM1062	24	FM138	69
EC500	76	EP300	77	FM1063	24	FM140	80
EF100	116	EP500	76	FM1064	24	FM140-3H	81
EF12000	35	EP8	77	FM1065	24	FM141	82-83
EF1200A	34	EPEF300	77	FM1066	24	FM142	84-85
EF1200B	34	ES200	59	FM1067	24	FM143	84-85
EF1200C	34	ES300	77	FM1068	25	FM144	86
EF1200L	34	EZ200	59	FM1075-8	30	FM145	57
EF1200SP	34	FB136	113	FM109	62-63	FM1453	28
EF1300	35	FLF45	38	FM110	64-65	FM1458	25
EF1400	36	FLF90	38	FM112	42	FM146	92
EF1400	120	FM1000	10	FM112	117	FM147	93-94
EF14TI-M10	37	FM1000CI	22	FM116	134	FM148	92
EF1500	32	FM1000T	10	FM117	134	FM149	95-96
EF1500	122	FM1001	10	FM118	73	FM15	75
EF1510	32	FM1001-3	10	FM1184-PLA	22	FM15	120
EF1600	41	FM1001A	10	FM1186	29	FM150	32
EF1600	118	FM1001A3	10	FM119	73	FM151	67
EF1700	41	FM1001B	10	FM120	45	FM152	67
EF1750	41	FM1001B3	10	FM121	45	FM153	67
EF1800	33	FM1001C	10	FM122	48-49	FM154	67
EF1800	118	FM1001C3	10	FM123	50-51	FM1546	29
EF1900	36	FM1001C41	10	FM125	74	FM156	30
EF1900	119	FM1001D3	10	FM126	74	FM156	118
EF200	116	FM1003	10	FM127	53	FM158	30 & 118
EF2000	36	FM1003-1	10	FM1271	39	FM159	30
EF2000	119	FM1004A	10	FM127SP	122	FM16	47
EF2000-M10L	36	FM1006	23	FM128	53	FM16	121

FM160	79	FM2001	12	FM3301	14	FSF45	38
FM170H	106	FM2008	23	FM34CNR	131	FSF90	38
FM170L	106	FM2010	23	FM34HB10	131	FT3	137
FM171	39	FM2072-A	29	FM35	68	FT3-BS	139
FM171H	107	FM2072-S1	29	FM4	74	FT3-HDC	139
FM171L	107	FM2073	29	FM4000	16	FT3-LP	138
FM172	39	FM2073L	29	FM4000AL	16	FT3-LP	139
FM173	40	FM2095	29	FM4000T	16	FT3-RP	139
FM1736	28	FM2097	29	FM4001	16	FT3-TX	139
FM174	40	FM2101	29	FM4006	23	FT-B	138
FM175	40	FM2103	29	FM4007	23	FT-COV	137
FM175	40	FM2106	29	FM4008	23	FTF	140
FM175ASSEMBLY	40	FM2108	29	FM4010	23	FT-N	138
FM177	40	FM2223	26	FM4012	23	FT-TS	140
FM177H	108	FM2224	26	FM4045	28	HD	125
FM178H	108	FM2228	26	FM4047	27	HD-A	125
FM18	78	FM2240	22	FM4240	22	HS-A-E	125
FM18	121	FM2324	24	FM4376	27	HS-Y	126
FM180	68	FM2325	24	FM5349	30	IM-A	127
FM181	68	FM2346	26	FM5500	18	IM-X	127
FM1810	33	FM2377	141	FM5500T	18	IM-Y	126
FM182	68	FM2452	29	FM5501	18	L-CLIP	130
FM1820	33	FM2484	25	FM5508	23	M10RUBBER	126
FM1834	27	FM2600B	128	FM5510	23	ND-A	124
FM1834A	27	FM2600L	128	FM5545	28	ND-B	124
FM189	88-89	FM2600W	128	FM5547	27	ND-C	124
FM189-142	90-91	FM2676	41	FM5580	22	ND-D	124
FM190	88	FM2683	41	FM6	46	NEMA	138
FM190HD	89	FM2749	28	FM6008	23	PCT	137
FM191 (COPPER)	104-105	FM2750	28	FM8	78	PU	114
FM191 (STEEL)	100-101	FM2751	28	FM8007	23	RC	33
FM191A (COPPER)	102-103	FM2950	28	FM8008	23	RL	124
FM191A (STEEL)	98-99	FM30	75	FM8010	23	S (ACOUSTIC)	66
FM192	52	FM3006	23	FM8300	20	SDB	66
FM193	97	FM3007	23	FM8300T	20	SPRING	130
FM194	97	FM3008	23	FM8301	20	SSES200	61
FM1941	24	FM3010	23	FM8380	22	SSFM127	53
FM195	97	FM3012	23	FMBS	54	TOPHAT	127
FM196	97	FM3016	23	FMC	141	UBC	43
FM1964	24	FM3087	39	FMCR	141	UBG	43
FM197	97	FM31	47	FMGR	110-111	WAFFLE	125
FM2000	12	FM3300	14	FMGR	126	WAFFLE-SUPER	125
FM2000AL	12	FM3300CI	22	FMSO	135	Z-CLIP	130
FM2000T	12	FM3300T	14	FQF	140	Z-CLIPHD	130

STEEL PIPE SCHEDULE 40

NOMINAL SIZE	O.D	MASS PIPE	MASS PIPE FILLED WITH WATER
	mm	kg/m	kg/m
8	13.7	0.63	0.70
10	17.1	0.84	0.96
15	21.3	1.27	1.47
20	26.7	1.69	2.04
25	33.4	2.50	3.05
32	42.2	3.39	4.36
40	48.3	4.05	5.37
50	60.3	5.44	7.60
65	73.0	8.63	11.72
80	88.9	11.29	16.06
90	101.6	13.57	19.95
100	114.3	16.07	24.28
125	141.3	21.77	34.68
150	168.3	28.26	46.91
200	219.1	42.55	74.83
250	273.1	60.31	111.20
300	323.9	79.73	151.97
350	355.6	94.55	181.82
400	406.4	123.30	237.31
450	457	155.80	299.98
500	508	183.42	362.12
600	610	255.41	515.12
800	813	342.91	818.35
900	914	420.42	1022.98

COPPER PIPE

NOMINAL SIZE	O.D	MASS PIPE	MASS PIPE FILLED WITH WATER
	mm	kg/m	kg/m
15	12.7	0.30	0.39
18	15.9	0.43	0.58
20	19.1	0.52	0.75
25	25.4	0.83	1.25
32	31.8	1.05	1.72
40	38.1	1.27	2.27
50	50.8	1.70	3.57
65	63.5	2.14	5.07
80	76.2	3.42	7.60
90	88.9	4.00	9.76
100	101.6	4.58	12.18
125	127.0	5.74	17.77
150	152.4	8.58	25.86
175	177.8	10.03	33.74
200	203.2	11.48	42.63

STEEL PIPE

NOMINAL SIZE	O.D	MASS PIPE	MASS PIPE FILLED WITH WATER
	mm	kg/m	kg/m
8	14	0.68	0.74
10	17	0.89	1.01
15	21	1.27	1.47
20	27	1.65	2.02
25	34	2.52	3.11
32	43	3.24	4.26
40	48	3.73	5.11
50	60	5.24	7.46
65	76	6.69	10.42
80	89	8.68	13.82
100	114	12.4	21.11
125	140	16.5	29.75
150	165	19.6	38.55
200	219	42.53	74.81
250	273	60.29	111.14
300	324	73.82	146.81
350	355	81.28	170.05
400	406	93.21	211.05
450	457	105.14	255.75
500	508	117.07	304.85
600	610	140.94	414.85

F.R.C PIPE

NOMINAL SIZE	PIPE O.D	CUTTER O.D	MASS PIPE	MASS PIPE FILLED WITH WATER
	mm	mm	kg/m	kg/m
225	269	257	22	61.74
300	346	336	35	105.70
375	427	415	51	161.39
450	512	504	67	225.96
535	594	584	86	310.89
600	678	664	111	393.60
675	752	733	133	490.66
750	802	783	157	598.80

HDPE PIPE

NOMINAL SIZE	O.D	MASS PIPE	MASS PIPE FILLED WITH WATER
	mm	kg/m	kg/m
32	32	0.259	0.790
40	40	0.331	1.239
50	50	0.420	1.940
56	56	0.471	2.434
63	63	0.536	3.087
75	75	0.644	4.383
90	90	0.903	6.313
110	110	1.350	9.424
125	125	1.750	12.171
160	160	2.840	19.947
200	200	3.580	31.216
250	250	5.630	48.774
315	315	8.920	77.442

DWV PVC PIPE

NOMINAL SIZE	O.D	MASS PIPE	MASS PIPE FILLED WITH WATER
	mm	kg/m	kg/m
32	38	0.34	1.14
40	43.1	0.50	1.76
50	56.0	0.67	2.59
65	69.1	1.0	4.14
80	82.7	1.17	5.58
100	110.4	2.00	9.85
150	160.5	3.84	21.51
225	250.7	9.00	48.74
300	315.9	14.50	85.15
375	400	23.34	133.73

CPVC PIPE

NOMINAL SIZE	O.D	MASS PIPE	MASS PIPE FILLED WITH WATER
	mm	kg/m	kg/m
25	34	0.39	1.01
32	43	0.62	1.61
40	48	0.82	2.11
50	60	1.28	3.31

DICI PIPE

NOMINAL SIZE	O.D	MASS PIPE	MASS PIPE FILLED WITH WATER
	mm	kg/m	kg/m
100	122 + 1, - 2	17	27.57
150	177 + 1, - 2	25	47.97
200	232 + 1, - 2	33	73.11
225	259 + 1, - 2	39	89.11
250	286 + 1, - 2	45	106.05
300	345 + 1, - 2	60	148.88
375	426 + 2	83	218.53

PRESSURE P.V.C PIPE

NOMINAL SIZE	O.D	MASS PIPE	MASS PIPE FILLED WITH WATER
	mm	kg/m	kg/m
15	21	0.15	0.33
20	27	0.25	0.56
25	34	0.39	0.88
32	42	0.62	1.42
40	48	0.80	2.06
50	60	1.26	3.22
65	75	2.13	5.65
80	89	2.31	7.33
100	114	4.50	12.35
125	140	7.43	19.70
150	160	9.67	27.33
155	168	10.00	28.85
200	225	15.83	47.23
225	250	15.66	39.40
250	280	24.83	73.89
300	315	31.60	102.25
375	400	51.66	162.05