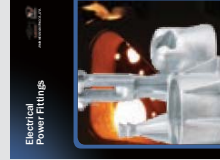


Malleable Iron Pipe Clamps



MECH FLOW SUPPLIES



JIMSOAR INTERNATIONAL CORP.

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UPDATED 03/2014

Company Profile

Jimsoar International Corp., was established in 1962. In the past decades, Jimsoar has seized each opportunity to consolidate its strength, and has finally developed into what it is today, a large-scale enterprise group with advanced technology, equipment and strong comprehensive strength, known for its complete range of products, large producing capacity, high quality and strong R&D strength. The company owns altogether one main factory, three branch factories, an independent accounting steel pipe company, and a science & technology park.


The company is the largest manufacturer in the fitting industry with the most complete range of products, supplying malleable iron fittings, grooved fittings, grooved couplings, valves, cast iron fittings, ductile iron fittings, steel pipe nipples and couplings, stainless steel nipples, brass pipe nipples, cast bronze fittings, steel pipes, pipe hangers and supports, electric fittings, etc.

Over 50 years, Jimsoar has been a trusted name in piping solutions by offering high-quality products, service and support to the PVF industry continuously. We provide expertise and product solutions for a wide range of applications, plumbing, mechanical, industrial, air-conditioning and refrigeration, mining, oil, gas, fire protection, equipment and power system. Many of the company's application technology are advanced in the world, with more than 20 patents registered each year, and the company has presided over and participated in the drafting of many important national standards of the industry.

We organize the whole production process in accordance with ISO 9001 and ISO 14001. It has also the most complete certificates in the PVF industry, including UL/FM/NSF of US, CRN/cUL of Canada, DVGW/TUV/CE/MS of Germany, BSI/LPCB of UK, SII of Israel, JIS of Japan, ABNT of Brazil, GOST-R of Russia, CNBOP of Poland, KS of South Korea, TSE of Turkey, PSB of Singapore, SIRIM of Malaysia, SABS of South Africa etc. The products are well distributed in more than 130 Countries and regions.

As an industry leader and key high-tech enterprise of the national torch plan, the company attaches great importance to environmental protection, energy-saving and emission-reduction. US-EEC recognizes MECH brand malleable iron pipe fittings as "the product to promote for the technology exchange of environmental protection". Protecting the environment is the duty of the company.

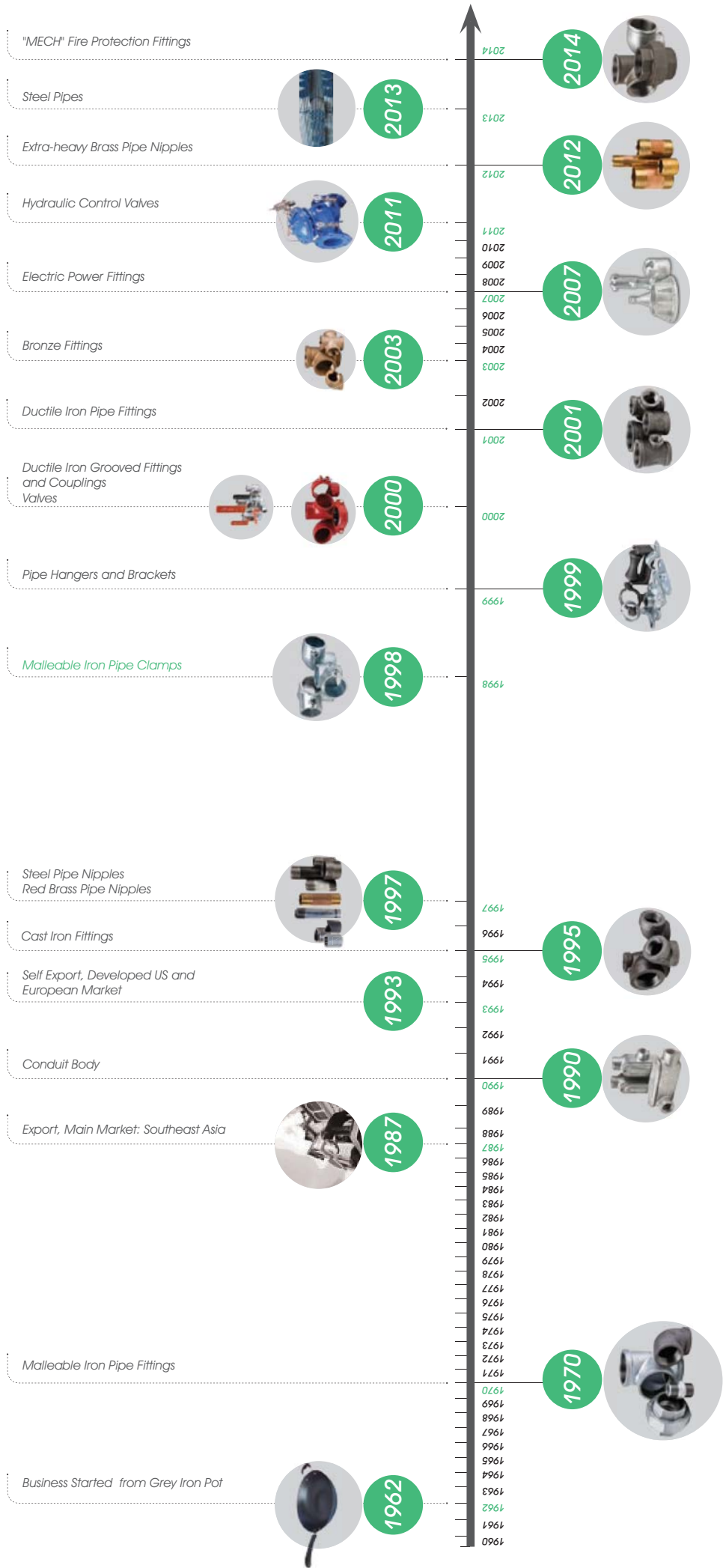
Customer satisfaction has always been the company's top objective, and we constantly stick to the principle: to provide customers with a value-added solution rather than simply delivering products.



More than
50 years of
Foundry
Experience



Company History



State of the Art Equipment

High precision equipment is quality assurance. Jimsoar's 6 factories are all equipped with the most advanced facilities and equipment in the industry. The main production facilities include Sinto automatic molding line, Tokyu automatic molding line, Chinese 416 automatic vertical molding line, automatic molding sand mixers, cupola furnaces, electric furnaces, water-cooled longevous cupola furnaces, CNC vertical machining centers, CNC machines, NC vertical lathes, radial drills, Jimsoar Corp., proprietary automatic machines, hot-dipped galvanization line, automatic box sealing line, stereoscopic warehouse and so on.



Molding



Core Making



Sand Mulling



Tokyu AMF-111055



Sinto FCMX



Melting



Pouring



Annealing



End Grinding Line



Threading, Air Pressure Test, and Anti-rust Treatment



Warehouse

Reliable Quality Assurance

Jimsoar Corp. is honored as the National enterprise technical center and is capable and qualified to conduct full series of tests and inspections including chemical checking, etc.

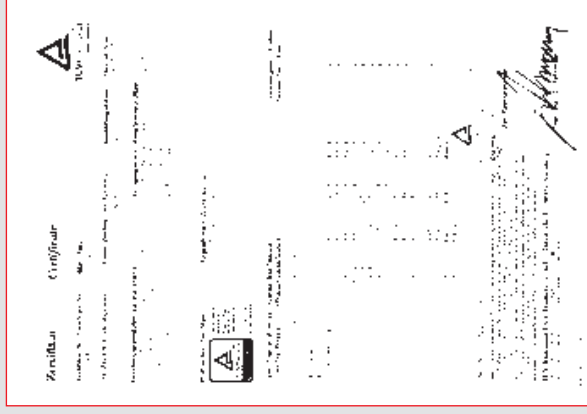
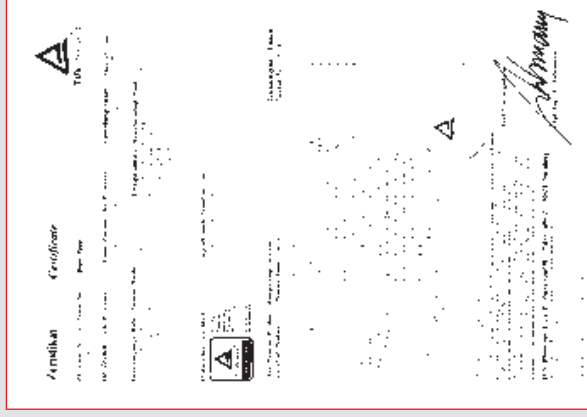
Inspection facilities include: spectrometer, carbon sulfur analyzer, metallurgical microscope, tensile strength testing equipment, pressure testing equipment, adhesive force testing equipment, CMM, hardness tester, etc.

From incoming inspection to finished product, quality is checked and monitored in the whole process. Each step of the manufacturing process is carefully documented, regularly reviewed for revision control and updating standard. Quality procedures are constantly monitored and updated to assure that only the highest and most consistent quality products are supplied to our valued customers.





Certificates



Malleable Iron Pipe Clamps

Material

Mech Brand Pipe Clamps are designed by using malleable iron in accordance with ASTM A197 which applies for good mechanical strength and enough elongation characters. The surface treatment of the clamps is hot dipped galvanized which meet the specification of ASTM A153 to anti-rusting and corrosion. Or according to end-user's requirements to match different circumstance.

Size

Six different sizes are available as following.
By using the product code along with the size code will be easily identified the single clamp between customer and Jinan Meide.

Mech Pipe Clamp Size	Nominal Bore	Outside Diameter
T	1/2"	21.3mm
A	3/4"	26.9mm
B	1"	33.7mm
C	1-1/4"	42.4mm
D	1-1/2"	48.3mm
E	2"	60.3mm

Applications

Mech Brand Pipe Clamps are widely used in hand railing safety guard railing situations. The system securely joins standard sizes of structural steel tube into almost any configuration imaginable.



An indication of typical applications

Handrails, Fences & Security Fencing, Playground Equipment, Milking Parlours, Railway Guardrailing, Garment Racking, Market Stalls, Cycle Racks & Trolley Bays, Sports Practice Nets (Golf, Cricket, Baseball, Football etc.) Sports Grounds & Arenas, Machinery Guards & Enclosures, Motorway Control Installations, Road Signs, Roof top Fall Prevention Systems, Heavy Duty Workstations, Safety Guardrails, Retail Displays & Shopfitting, Racking, Agricultural Enclosures, Greenhouses, Exhibition stands & displays, Industrial & Domestic Furniture, Temporary Buildings, Wheelchair Access Ramps, Theme Park Queue Management, Canopies & Car Ports, Lighting, Supports, Roof Guardrails, Film sets, Cable reels, General Signage, Civic Amenity, Recycling Sites, Shipbuilding, Access Platforms, Mezzanine Floors, Water Treatment Works, Staircase Handrails, Commercial Billboard Frames and many other usage.

Installation

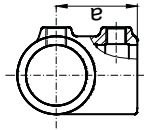
Flexible solutions for all types of safety barriers.
Widest range of safety components
No welding, so no hot permits required
No threading or bolting, so no special tools required
Cost effective to install as only low skilled workforce required



101



Short Tee

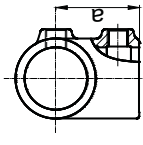


TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
A	26.9	41			
B	33.7	46			
C	42.4	60			
D	48.3	68			
E	60.3	84			
T	21.3	35			

101



Reducing Short Tee

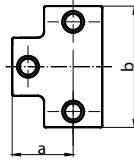


TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
CB	42.4/33.7	57			
CD	42.4/48.3	68			
DC	48.3/42.4	63			
ED	60.3/48.3	74			

104



Long Tee

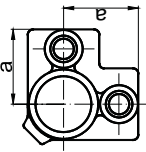


TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
A	26.9	41	82		
B	33.7	46	92		
C	42.4	60	120		
D	48.3	68	136		
E	60.3	84	168		

116



3 Way Through

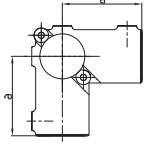


TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
A	26.9	40			
B	33.7	48			
C	42.4	60			
D	48.3	68			
E	60.3	86			
T	21.3	35			

116A-D



Add-on 3 Way Through

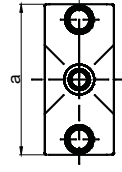


TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
D	48.3	88			

119



2 Socket Cross

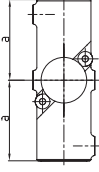


TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
A	26.9	80			
B	33.7	96			
C	42.4	120			
CD	42.4/48.3	122			
D	48.3	135			
E	60.3	168			
T	21.3	70			

119A-D



Add on 2 Socket Cross

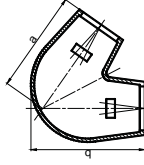


TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
D	48.3	88			

123



Variable Elbow 40° - 70°

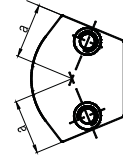


TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
D	48.3	120	134		

124



Variable Elbow 15° - 60°

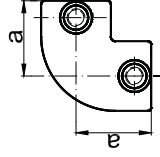


TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
B	33.7	40			
C	42.4	47.5			
D	48.3	44			

125



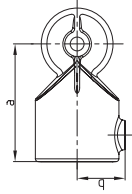
2 Way 90° Elbow



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
A	26.9	41			
B	33.7	46			
C	42.4	60			
D	48.3	68			
DC	48.3/42.4	68/60			
E	60.3	84			
T	21.3	35			

125H

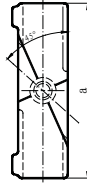
Variable Elbow



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
B	33.7	62	27.2		
C	42.4	75	31.7		
D	48.3	85	34.7		

126

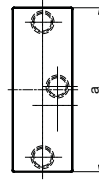
Angle Cross 30° - 45°



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
C	42.4	190			
D	48.3	218			

127

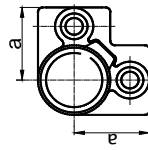
Angle Tee 30° - 45°



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
B	33.7	119			
C	42.4	147			
D	48.3	164.5			

128

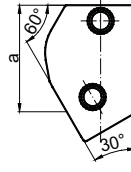
3 Way 90° Elbow



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
A	26.9	40			
B	33.7	48			
C	42.4	60			
D	48.3	68			
E	60.3	85			
T	21.3	35			

129

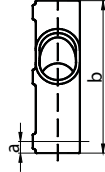
Adjustable Tee 30° - 60°



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
A	26.9	75			
B	33.7	70			
C	42.4	85			
D	48.3	90			

130

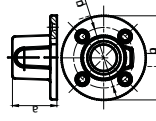
Adjustable Cross 30° - 45°



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
B	33.7	14.5	147		
C	42.4	16.5	199		
D	48.3	16.5	217		

131

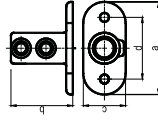
Base Flange



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
A	26.9	42	83	57	
B	33.7	48	89	65	
C	42.4	50	102	76	
D	48.3	59	114	88.5	
E	60.3	64	127	95	
T	21.3	32	74	55.5	

132

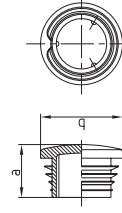
Railing Base Flange



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
A	26.9	105	60	52	76
B	33.7	127	71	62	89
C	42.4	139	84	72	101
D	48.3	152	89	86	114
E	60.3	165	104	96	127

133

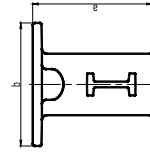
Plastic End Cap



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
B	33.7	26	34		
C	42.4	30	42.5		
D	48.3	31	48		
E	60.3	26	60		

134

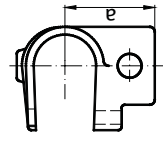
Ground Socket



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
B	33.7	123	127		
C	42.4	138	140		
D	48.3	136	140		

135

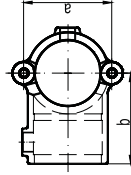
Clamp on Tee



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
A	26.9	50			
B	33.7	53			
C	42.4	67			
D	48.3	77			
E	60.3	90.5			

136

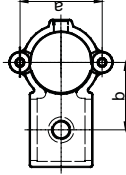
Add on Tee



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
B	33.7	53.5	52		
C	42.4	61.4	60		
D	48.3	67	69		

137

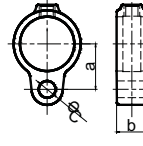
Crossover 90°



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
B	33.7	53.5	41		
C	42.4	61.4	50		
D	48.3	67	55		

138

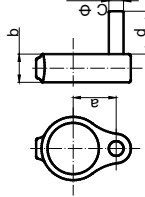
Gate Eye



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
A	26.9	30	25	14	
B	33.7	33	25	14	
C	42.4	38	25	14	
D	48.3	41	25	14	

140

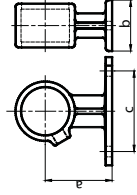
Gate Hinge



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)				
		a	b	c	d	e
A	26.9	30	25	13	38	
B	33.7	33	25	13	38	
C	42.4	38	25	12	38	
D	48.3	41	25	12	38	

143

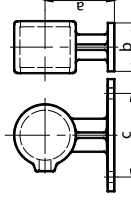
Handrail Bracket



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
A	26.9	55	44	57	
B	33.7	57	44	62	
C	42.4	63	44	76	
D	48.3	67	50	82.5	

143W

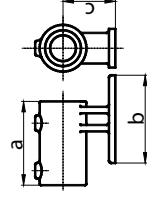
Handrail Bracket



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
A	26.9	55	44	57.5	
B	33.7	57	44	63	
C	42.4	63	44	76	
D	48.3	67	48	82.5	

144

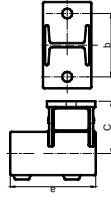
Railing Side Support (Vertical)



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
B	33.7	104	96	65	
C	42.4	112	110	64.5	
D	48.3	120	123	65	

145

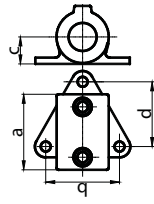
Railing Side Support (Horizontal)



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
B	33.7	102	67	57	
C	42.4	111	73	64	
D	48.3	119	89	73	

146

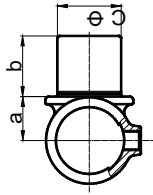
Side Palm Fixing



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
B	33.7	76	71	24	63
C	42.4	83	82	28	72
D	48.3	89	86	31	78

147

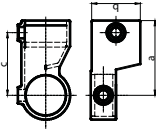
Internal Swivel Tee



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
B	33.7	23	29	34	
C	42.4	26	37	42	
D	48.3	30	42	48	

148

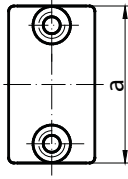
Short Swivel Tee



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
A	26.9	53	37	42	
B	33.7	59	46	48	
C	42.4	73	55	58.5	
D	48.3	93	60.5	78	
E	60.3	110	73	93.5	

149

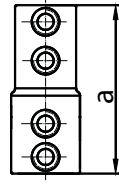
Sleeve Joint



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
A	26.9	76			
B	33.7	89			
C	42.4	102			
D	48.3	102			
E	60.3	120			

149BA

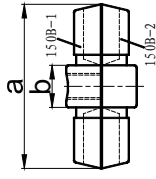
Reducing Sleeve Joint



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
BA	33.7/26.9	130			

150

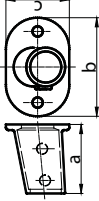
Internal Joint



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
A	26.9	76	22		
B	33.7	78	20		
C	42.4	78	20		
D	48.3	78	20		

152

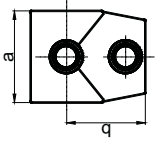
Base Flange 0° - 11°



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
B	33.7	90	127	80	
C	42.4	98	140	90	
D	48.3	99	153	98	

153

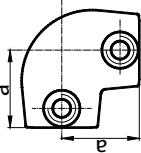
Short Tee 0° - 11°



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
B	33.7	60	46		
C	42.4	70	60		
D	48.3	78	68		

154

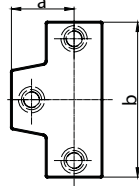
Elbow 0° - 11°



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
B	33.7	46			
C	42.4	60			
D	48.3	68			

155

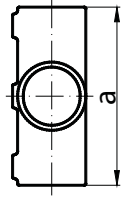
Long Tee 0° - 11°



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
B	33.7	46	104		
C	42.4	60	145		
D	48.3	68	168		

156

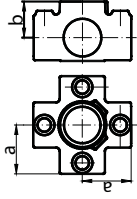
2 Socket Cross 0° - 11°



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
B	33.7	110			
C	42.4	140			
D	48.3	168			

158

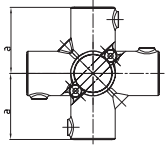
4 Way Cross



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
A	26.9	41	32		
B	33.7	46	35		
C	42.4	60	43.5		
D	48.3	68	49.5		
T	21.3	35	35		

158A-D

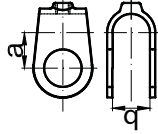
Add on 4Way Cross



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
D	48.3	88			

160

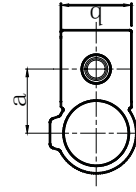
Clamp on Crossover



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
A	26.9	27	26		
B	33.7	34	35		
C	42.4	43	45.4		
D	48.3	49	51.6		
E	60.3	61	63		

161

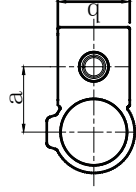
90° Crossover



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
A	26.9	38	31.5		
B	33.7	41	38.5		
C	42.4	50	45		
D	48.3	50	55		
E	60.3	64	61		

161

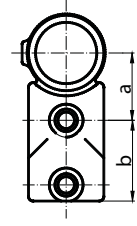
Reducing 90° Crossover



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
CB	42.4/33.7	45	46		
DB	48.3/33.7	45	38.5		
DC	48.3/42.4	49	45		
ED	60.3/48.3	58	55		

165

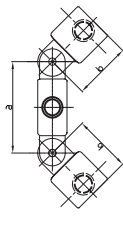
Combination Socket



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
A	26.9	35	40		
B	33.7	40	48		
C	42.4	50	60		
D	48.3	56	67		

167

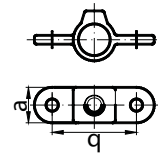
Double Swivel Combination



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
A	26.9	76	58.5		
B	33.7	86	61		
C	42.4	95	69		
D	48.3	100	77		

167M

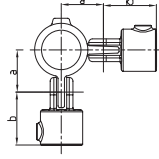
Double Male Section of Swivel



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
A	26.9	32	76		
B	33.7	40	86		
C	42.4	45	95		
D	48.3	48	105		
E	60.3	38	124		

168

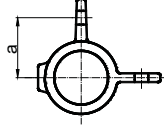
90° Corner Swivel Combination



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
A	26.9	38	58.5		
B	33.7	43.5	61		
C	42.4	47	69		
D	48.3	53	77		

168M

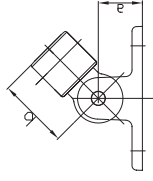
90° Corner Swivel Male Section



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
A	26.9	38			
B	33.7	43.5			
C	42.4	48			
D	48.3	53			
E	60.3	62			

169

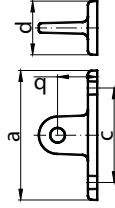
Swivel Base



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
A	26.9	32	59.5		
B	33.7	32	61		
C	42.4	32	69		
D	48.3	32	77		
E	60.3	32	95		

169M

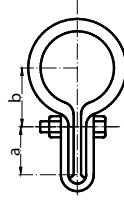
Male Swivel Locating Flange



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
M		112	32	85	51
A	26.9	111	40	81	46
B	33.7	112	32	85	52
C	42.4	112	32	85	52
D	48.3	112	32	85	52

170

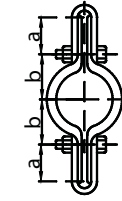
Single Sided Mesh Panel



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
A	26.9	22	25		
B	33.7	25	28		
C	42.4	25	33		
D	48.3	25	35		
E	60.3	25	40		

171

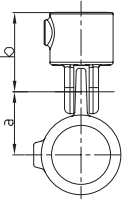
Double Sided Mesh Panel



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
A	26.9	22	25	28	
B	33.7	25	28		
C	42.4	25	33		
D	48.3	25	35		
E	60.3	25	40		

173

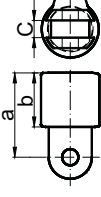
Single Swivel Combination



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
A	26.9	38	58.5		
B	33.7	43.5	61		
C	42.4	47	69		
D	48.3	53	77		
E	60.3	62	90.5		

173F

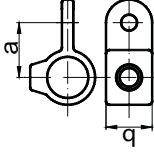
Female Section of Swivel



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
A	26.9	61	38	112	
B	33.7	61	38	112	
C	42.4	69	46	112	
D	48.3	77	55	112	
E	60.3	90.5	63	112	

173M

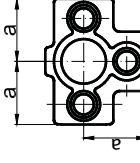
Single Male Section of Swivel



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
A	26.9	40	38		
B	33.7	43.5	38		
C	42.4	48	44.5		
D	48.3	53	44.5		
E	60.3	62	50.5		

176

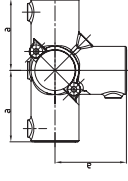
Side Outlet Tee



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
A	26.9	40			
B	33.7	46			
C	42.4	60			
D	48.3	68			
E	60.3	84.5			
T	21.3	35			

176A-D

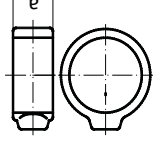
Add on Side Outlet Tee



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
D	48.3	88			

179

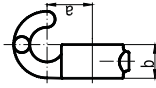
Locking Collar



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
A	26.9	22			
B	33.7	25			
C	42.4	25			
D	48.3	32			

182

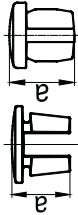
Hook



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
A	26.9	32	25		
B	33.7	34	25		
C	42.4	39	25		
D	48.3	41	25		

184

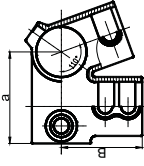
Plug



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
A	26.9	27.5			
B	33.7	26.5			
C	42.4	29.4			
D	48.3	28			
E	60.3	38			

185

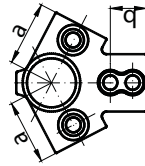
Eaves Fitting



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
D	48.3	84	83		

191

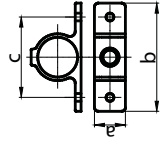
Ridge Fitting



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
D	48.3	70	39.5		

198

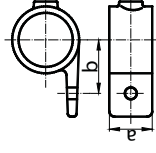
Double Sided Fixing Bracket



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
A	26.9	35	128	94	
B	33.7	30	120	86	
C	42.4	33	130	95	
D	48.3	35	140	104	

199

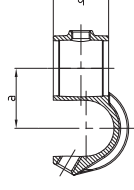
Adjustable Fixing Bracket



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
A	26.9	35	47		
B	33.7	30	43		
C	42.4	33	47.5		
D	48.3	35	52		

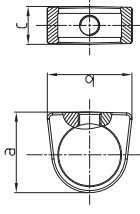
201

Guard Hook



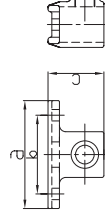
TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
D	48.3	55.3	51.5		

235



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
C	42.4	58.5	62.6	27.5	

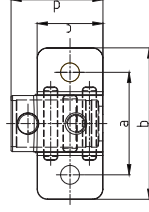
240



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
20X85	26.9	85	62	44	
20X110	26.9	110	85	44	
20X165	26.9	165	140	44	

246

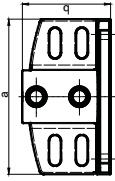
Heavt Duty Side Palm



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
B	33.7	100.5	148	64	90
C	42.4	100.5	148	64	90
D	48.3	102	145	75	90

247

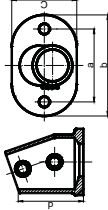
Flange With Toeboard Adaptor



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
C	42.4	162	90	90	
D	48.3	162	90	90	

252Z

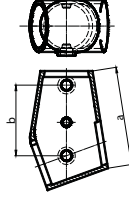
Slope Base Flange 11° - 29°



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
D	48.3	127	165	92	88

253Z

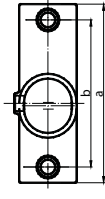
Slope Short Tee 11° - 29°



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
D	48.3	115	86		

255Z

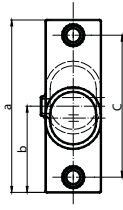
Slope Long Tee 11° - 29°



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
D	48.3	187	154		

256Z

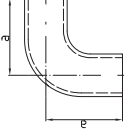
Slope Cross Middle Rail 11° - 29°



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
D	48.3	187	83.5	154	

DDA-1

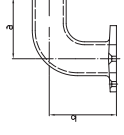
Elbow



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
1	33.7	78.2			

DDA-2

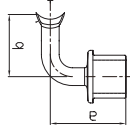
End Plate



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
2	33.7	78.2	86.2		

DDA-3

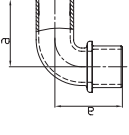
Post Connector



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
3	85	70			

DDA-4

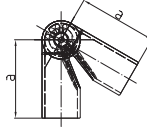
Post End Connector



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
4	33.7	78			

DDA-5

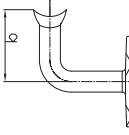
Variable Elbow



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
5	42.4	88			

DDA-6

Wall Plate



TYPE	TUBE SIZE (mm)	DIMENSIONS(mm.)			
		a	b	c	d
6	95	70			

Note: Although every care has been taken to ensure that the information given in this catalogue is correct, we reserve the right to alter and revise this information as and when considered it necessary. This is in-line with our policy of research and development.