



Taizhou Top-Asia Machine Co.,Ltd.

PRODUCT GUIDE



WRAS
APPROVED
PRODUCT



NSF / ANSI 61

A PROFESSIONAL COPPER FITTING SUPPLIER












COMPANY PROFILE

Taizhou Top-Asia Machine Co., Ltd. is a professional copper fitting manufacturer, which specializes in manufacturing standard copper fitting like EN1254-1 standard end feed and solder ring for European, Australian and Asia market, ASME/ANSI B16.22 standard copper solder joint, and ASTM F1807, ASTM F1960, ASTM F2080, ASTM F1974 standard PEX fitting for American market. During decades years, we devote to improving the quality and management. We are proud that our quality are well recognized by domestic and overseas customers.



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END FEED FITTINGS

WRAS
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PRODUCT



- ◆ WRAS approved
- ◆ Available in size 6-159mm
- ◆ Manufactured in accordance with BS EN1254-1
- ◆ Suitable for connecting copper tubes in accordance with EN1057
- ◆ Available degreased and individual bagged for use on medical gas lines

Top-Asia End feed performance when correctly assembled with copper tube to BS1057 are shown below

Use tin/copper soft solder BS EN 29453 S-Sn99Cu1 or tin/silver soft solder BS EN29453 L-SnAg5 DIN1707

Size	Service Temperature		
	30°C	65°C	110°C
6mm to 28mm	25bar	25bar	16bar
35mm to 54mm	25bar	16bar	10bar
67mm to 159mm	16bar	10bar	6bar

Use tin/lead soft solder BS EN 29453 D-Pb60Sn40 (Not suitable for use in potable water systems)

Size	Service Temperature		
	30°C	65°C	110°C
6mm to 54mm	16bar	10bar	6bar
67mm to 159mm	10bar	6bar	4bar

Use silver brazing alloy to BS EN1044 Ag103

Size	Service Temperature	
	180°C	200°C
67mm to 159mm	10bar	8.5bar



Straight Coupler
Art. No.:1100

Item No.	Size	Item No.	Size
1100001	6mm	1100022	40mm
1100002	8mm	1100011	42mm
1100003	10mm	1100012	54mm
1100004	12mm	1100023	63mm
1100018	14mm	1100024	64mm
1100005	15mm	1100013	67mm
1100006	16mm	1100025	70mm
1100007	18mm	1100014	76mm
1100019	20mm	1100026	80mm
1100008	22mm	1100027	89mm
1100009	28mm	1100028	104mm
1100020	32mm	1100015	108mm
1100010	35mm	1100016	133mm
1100021	36mm	1100017	159mm



Slip Coupler
Art. No.:1101

Item No.	Size	Item No.	Size
1101001	6mm	1101022	40mm
1101002	8mm	1101011	42mm
1101003	10mm	1101012	54mm
1101004	12mm	1101023	63mm
1101018	14mm	1101024	64mm
1101005	15mm	1101013	67mm
1101006	16mm	1101025	70mm
1101007	18mm	1101014	76mm
1101019	20mm	1101026	80mm
1101008	22mm	1101027	89mm
1101009	28mm	1101028	104mm
1101020	32mm	1101015	108mm
1101010	35mm	1101016	133mm
1101021	36mm	1101017	159mm



Imperial/Metric Adaptor
Art. No.:1102

Item No.	Size	Item No.	Size
1102001	15x1/2"	1102003	28x1"
1102002	22x3/4"	1102004	35x1-1/4"



Reduced Coupler
Art. No.:1103

Item No.	Size	Item No.	Size
1103001	8x6mm	1103074	40x28mm
1103002	10x6mm	1103075	40x32mm
1103003	10x8mm	1103028	42x22mm
1103004	12x8mm	1103029	42x28mm
1103005	12x10mm	1103076	42x32mm
1103055	14x10mm	1103030	42x35mm
1103056	14x12mm	1103077	42x36mm
1103006	15x8mm	1103078	52x32mm
1103007	15x10mm	1103079	52x40mm
1103008	15x12mm	1103080	52x42mm
1103057	15x14mm	1103031	54x22mm
1103009	16x10mm	1103032	54x28mm
1103010	16x12mm	1103033	54x35mm
1103011	16x15mm	1103034	54x42mm
1103012	18x10mm	1103081	63x52mm
1103013	18x12mm	1103082	64x35mm
1103058	18x14mm	1103083	64x42mm
1103014	18x15mm	1103084	64x54mm
1103015	18x16mm	1103035	67x28mm
1103059	20x14mm	1103036	67x35mm
1103060	20x16mm	1103037	67x42mm
1103061	20x18mm	1103038	67x54mm
1103016	22x12mm	1103085	70x54mm
1103062	22x14mm	1103086	76x28mm
1103017	22x15mm	1103039	76x35mm
1103018	22x16mm	1103040	76x42mm
1103019	22x18mm	1103041	76x54mm
1103063	22x20mm	1103087	76x64mm
1103020	28x12mm	1103042	76x67mm
1103064	28x14mm	1103088	80x54mm
1103021	28x15mm	1103089	89x76mm
1103022	28x16mm	1103043	108x42mm
1103023	28x18mm	1103044	108x54mm
1103065	28x20mm	1103090	108x64mm
1103024	28x22mm	1103045	108x67mm
1103066	28x25mm	1103046	108x76mm
1103067	32x18mm	1103091	108x89mm
1103068	32x22mm	1103047	133x54mm
1103069	32x28mm	1103048	133x67mm
1103070	35x15mm	1103049	133x76mm
1103025	35x18mm	1103050	133x108mm
1103026	35x22mm	1103051	159x67mm
1103027	35x28mm	1103052	159x76mm
1103071	36x28mm	1103053	159x108mm
1103072	36x32mm	1103054	159x133mm
1103073	36x35mm		

END FEED FITTINGS



Fitting Reducer
Art. No.:1104

Item No.	Size	Item No.	Size
1104001	8x6mm	1104031	42x18mm
1104002	10x6mm	1104032	42x22mm
1104003	10x8mm	1104033	42x28mm
1104004	12x6mm	1104084	42x32mm
1104005	12x8mm	1104034	42x35mm
1104006	12x10mm	1104085	42x36mm
1104062	14x10mm	1104086	52x32mm
1104063	14x12mm	1104087	52x40mm
1104007	15x8mm	1104088	52x42mm
1104008	15x10mm	1104035	54x15mm
1104009	15x12mm	1104036	54x22mm
1104064	15x14mm	1104037	54x28mm
1104010	16x10mm	1104038	54x35mm
1104011	16x12mm	1104039	54x42mm
1104065	16x14mm	1104089	54x52mm
1104012	18x10mm	1104090	63x42mm
1104013	18x12mm	1104091	63x52mm
1104066	18x14mm	1104092	64x35mm
1104014	18x15mm	1104093	64x42mm
1104015	18x16mm	1104094	64x54mm
1104067	20x12mm	1104040	67x28mm
1104068	20x14mm	1104041	67x35mm
1104069	20x16mm	1104042	67x42mm
1104070	20x18mm	1104043	67x54mm
1104016	22x10mm	1104095	70x54mm
1104017	22x12mm	1104096	70x64mm
1104071	22x14mm	1104044	76x35mm
1104018	22x15mm	1104045	76x42mm
1104019	22x16mm	1104046	76x54mm
1104020	22x18mm	1104097	76x64mm
1104072	22x20mm	1104047	76x67mm
1104073	28x10mm	1104098	80x54mm
1104021	28x12mm	1104099	80x64mm
1104074	28x14mm	1104100	89x54mm
1104022	28x15mm	1104101	89x64mm
1104023	28x16mm	1104102	89x76mm
1104024	28x18mm	1104048	108x42mm
1104075	28x20mm	1104049	108x54mm
1104025	28x22mm	1104050	108x67mm
1104076	28x25mm	1104051	108x76mm
1104077	32x18mm	1104103	108x89mm
1104078	32x22mm	1104052	133x42mm
1104079	32x28mm	1104053	133x54mm
1104026	35x15mm	1104054	133x67mm
1104027	35x18mm	1104055	133x76mm
1104028	35x22mm	1104056	133x108mm
1104029	35x28mm	1104057	159x54mm
1104080	35x32mm	1104058	159x67mm
1104081	40x28mm	1104059	159x76mm
1104082	40x32mm	1104060	159x108mm
1104083	40x36mm	1104061	159x133mm
1104030	42x15mm		



90 deg. Elbow
Art. No.:1105

Item No.	Size	Item No.	Size
1105001	6mm	1105022	36mm
1105002	8mm	1105023	40mm
1105003	10mm	1105011	42mm
1105004	12mm	1105024	52mm
1105018	14mm	1105012	54mm
1105005	15mm	1105025	63mm
1105006	16mm	1105026	64mm
1105007	18mm	1105013	67mm
1105019	20mm	1105014	76mm
1105008	22mm	1105027	80mm
1105020	25mm	1105028	89mm
1105009	28mm	1105015	108mm
1105021	32mm	1105016	133mm
1105010	35mm	1105017	159mm



90 deg. Street Elbow
Art. No.:1106

Item No.	Size	Item No.	Size
1106001	6mm	1106017	36mm
1106002	8mm	1106018	40mm
1106003	10mm	1106011	42mm
1106004	12mm	1106019	52mm
1106013	14mm	1106012	54mm
1106005	15mm	1106020	63mm
1106006	16mm	1106021	64mm
1106007	18mm	1106022	67mm
1106014	20mm	1106023	76mm
1106008	22mm	1106024	80mm
1106015	25mm	1106025	89mm
1106009	28mm	1106026	108mm
1106016	32mm	1106027	133mm
1106010	35mm	1106028	159mm



Reduced 90 deg. Elbow
Art. No.:1107

Item No.	Size	Item No.	Size
1107003	15x12mm	1107005	22x18mm
1107004	18x15mm	1107002	28x22mm
1107001	22x15mm		



45 deg. Elbow
Art. No.:1108

Item No.	Size	Item No.	Size
1108001	6mm	1108022	40mm
1108002	8mm	1108011	42mm
1108003	10mm	1108023	52mm
1108004	12mm	1108012	54mm
1108018	14mm	1108024	63mm
1108005	15mm	1108025	64mm
1108006	16mm	1108013	67mm
1108007	18mm	1108026	70mm
1108019	20mm	1108014	76mm
1108008	22mm	1108027	80mm
1108020	25mm	1108028	89mm
1108009	28mm	1108015	108mm
1108021	32mm	1108016	133mm
1108010	35mm	1108017	159mm



Slow Street Bend
Art. No.:1111

Item No.	Size	Item No.	Size
1111001	8mm	1111010	42mm
1111002	10mm	1111017	52mm
1111003	12mm	1111011	54mm
1111012	14mm	1111018	63mm
1111004	15mm	1111019	64mm
1111005	16mm	1111020	67mm
1111006	18mm	1111021	70mm
1111013	20mm	1111022	76mm
1111007	22mm	1111023	80mm
1111008	28mm	1111024	89mm
1111014	32mm	1111025	108mm
1111009	35mm	1111026	133mm
1111015	36mm	1111027	159mm
1111016	40mm		



45 deg. Street Elbow
Art. No.:1109

Item No.	Size	Item No.	Size
1109001	8mm	1109017	40mm
1109002	10mm	1109010	42mm
1109003	12mm	1109018	52mm
1109012	14mm	1109011	54mm
1109004	15mm	1109019	63mm
1109005	16mm	1109020	64mm
1109006	18mm	1109021	67mm
1109013	20mm	1109022	76mm
1109007	22mm	1109023	80mm
1109014	25mm	1109024	89mm
1109008	28mm	1109025	108mm
1109015	32mm	1109026	133mm
1109009	35mm	1109027	159mm
1109016	36mm		



Full Crossover
Art. No.:1112

Item No.	Size	Item No.	Size
1112001	12mm	1112003	16mm
1112006	14mm	1112004	18mm
1112002	15mm	1112005	22mm



Part Crossover
Art. No.:1113

Item No.	Size	Item No.	Size
1113001	12mm	1113003	16mm
1113006	14mm	1113004	18mm
1113002	15mm	1113005	22mm

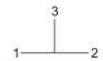


Slow Bend
Art. No.:1110

Item No.	Size	Item No.	Size
1110001	6mm	1110022	40mm
1110002	8mm	1110011	42mm
1110003	10mm	1110023	52mm
1110004	12mm	1110012	54mm
1110018	14mm	1110024	63mm
1110005	15mm	1110025	64mm
1110006	16mm	1110013	67mm
1110007	18mm	1110026	70mm
1110019	20mm	1110014	76mm
1110008	22mm	1110027	80mm
1110009	28mm	1110028	89mm
1110020	32mm	1110015	108mm
1110010	35mm	1110016	133mm
1110021	36mm	1110017	159mm



Equal Tee
Art. No.:1114



Item No.	Size	Item No.	Size
1114001	6mm	1114022	40mm
1114002	8mm	1114011	42mm
1114003	10mm	1114023	52mm
1114004	12mm	1114012	54mm
1114018	14mm	1114024	63mm
1114005	15mm	1114025	64mm
1114006	16mm	1114013	67mm
1114007	18mm	1114014	76mm
1114019	20mm	1114026	80mm
1114008	22mm	1114027	89mm
1114009	28mm	1114015	108mm
1114020	32mm	1114016	133mm
1114010	35mm	1114017	159mm
1114021	36mm		

END FEED FITTINGS



Reduced Branch Tee
Art. No.:1115



Item No.	Size	Item No.	Size
1115059	8x8x6mm	1115080	42x42x32mm
1115001	10x10x6mm	1115028	42x42x35mm
1115002	10x10x8mm	1115081	52x52x28mm
1115060	12x12x6mm	1115082	52x52x42mm
1115003	12x12x8mm	1115029	54x54x15mm
1115004	12x12x10mm	1115030	54x54x22mm
1115061	14x14x8mm	1115031	54x54x28mm
1115062	14x14x10mm	1115032	54x54x35mm
1115063	14x14x12mm	1115033	54x54x42mm
1115005	15x15x8mm	1115083	64x64x35mm
1115006	15x15x10mm	1115084	64x64x42mm
1115007	15x15x12mm	1115085	64x64x54mm
1115064	16x16x10mm	1115034	67x67x22mm
1115008	16x16x12mm	1115035	67x67x28mm
1115065	16x16x14mm	1115036	67x67x35mm
1115066	18x18x10mm	1115037	67x67x42mm
1115009	18x18x12mm	1115038	67x67x54mm
1115067	18x18x14mm	1115086	76x76x22mm
1115010	18x18x15mm	1115039	76x76x28mm
1115068	18x18x16mm	1115040	76x76x35mm
1115069	20x20x14mm	1115041	76x76x42mm
1115070	20x20x16mm	1115042	76x76x54mm
1115071	20x20x18mm	1115087	76x76x64mm
1115011	22x22x10mm	1115043	76x76x67mm
1115012	22x22x12mm	1115088	80x80x54mm
1115072	22x22x14mm	1115089	89x89x54mm
1115013	22x22x15mm	1115090	89x89x64mm
1115014	22x22x16mm	1115091	89x89x67mm
1115015	22x22x18mm	1115092	89x89x76mm
1115016	28x28x12mm	1115093	108x108x15mm
1115073	28x28x14mm	1115094	108x108x22mm
1115017	28x28x15mm	1115095	108x108x28mm
1115074	28x28x16mm	1115044	108x108x35mm
1115018	28x28x18mm	1115045	108x108x42mm
1115019	28x28x22mm	1115046	108x108x54mm
1115075	32x32x16mm	1115096	108x108x64mm
1115076	32x32x18mm	1115047	108x108x67mm
1115077	32x32x22mm	1115048	108x108x76mm
1115078	32x32x28mm	1115049	133x133x42mm
1115020	35x35x15mm	1115050	133x133x54mm
1115021	35x35x18mm	1115051	133x133x67mm
1115022	35x35x22mm	1115052	133x133x76mm
1115023	35x35x28mm	1115053	133x133x108mm
1115079	40x40x32mm	1115054	159x159x54mm
1115024	42x42x15mm	1115055	159x159x67mm
1115025	42x42x18mm	1115056	159x159x76mm
1115026	42x42x22mm	1115057	159x159x108mm
1115027	42x42x28mm	1115058	159x159x133mm



Reduced End Tee
Art. No.:1116



Item No.	Size	Item No.	Size
1116018	8x6x8mm	1116030	28x14x28mm
1116019	10x8x10mm	1116008	28x15x28mm
1116001	12x10x12mm	1116031	28x16x28mm
1116020	14x10x14mm	1116009	28x18x28mm
1116021	14x12x14mm	1116010	28x22x28mm
1116002	15x10x15mm	1116011	35x15x35mm
1116003	15x12x15mm	1116012	35x22x35mm
1116022	16x12x16mm	1116013	35x28x35mm
1116023	16x14x16mm	1160032	42x15x42mm
1116004	18x12x18mm	1160033	42x22x42mm
1116024	18x14x18mm	1116014	42x28x42mm
1116005	18x15x18mm	1116015	42x35x42mm
1116025	18x16x18mm	1160034	54x15x54mm
1116026	20x14x20mm	1160035	54x22x54mm
1116027	22x12x22mm	1160036	54x28x54mm
1116028	22x14x22mm	1116016	54x35x54mm
1116006	22x15x22mm	1116017	54x42x54mm
1116029	22x16x22mm	1160037	64x54x64mm
1116007	22x18x22mm		



Reduced End & Branch Tee
Art. No.:1117



Item No.	Size	Item No.	Size
1117031	8x6x6mm	1117059	22x14x18mm
1117032	10x8x8mm	1117008	22x15x12mm
1117033	12x10x8mm	1117009	22x15x15mm
1117001	12x10x10mm	1117010	22x15x18mm
1117034	14x10x12mm	1117060	22x15x22mm
1117035	14x12x10mm	1117061	22x16x14mm
1117036	14x12x12mm	1117011	22x16x16mm
1117002	15x10x10mm	1117062	22x16x18mm
1117003	15x10x12mm	1117012	22x18x12mm
1117037	15x12x10mm	1117063	22x18x14mm
1117038	15x12x12mm	1117013	22x18x15mm
1117039	16x12x12mm	1117064	22x18x16mm
1117040	16x12x14mm	1117014	22x18x18mm
1117041	16x14x12mm	1117015	28x15x15mm
1117042	16x14x14mm	1117065	28x15x18mm
1117004	18x12x12mm	1117066	28x15x22mm
1117043	18x12x14mm	1117017	28x18x18mm
1117005	18x12x15mm	1117018	28x18x22mm
1117044	18x12x16mm	1117019	28x22x15mm
1117045	18x14x12mm	1117067	28x22x16mm
1117046	18x14x14mm	1117020	28x22x18mm
1117047	18x14x16mm	1117021	28x22x22mm
1117006	18x15x12mm	1117068	35x15x15mm
1117007	18x15x15mm	1117069	35x15x22mm
1117048	18x16x12mm	1117070	35x15x28mm
1117049	18x16x14mm	1117022	35x22x22mm
1117050	18x16x16mm	1117023	35x22x28mm
1117051	22x12x12mm	1117024	35x28x15mm
1117052	22x12x14mm	1117025	35x28x22mm
1117053	22x12x15mm	1117026	35x28x28mm
1117054	22x12x16mm	1117027	42x28x28mm
1117055	22x12x18mm	1117028	42x35x28mm
1117056	22x14x12mm	1117029	42x35x35mm
1117057	22x14x14mm	1117030	54x42x42mm
1117058	22x14x16mm	1117071	67x54x54mm



Both Ends Reduced Tee
Art. No.:1118



Item No.	Size	Item No.	Size
1118009	6x6x8mm	1118018	14x14x16mm
1118010	6x6x10mm	1118019	14x14x18mm
1118011	8x8x10mm	1118003	15x15x18mm
1118012	10x10x12mm	1118004	15x15x22mm
1118013	10x10x14mm	1118020	16x16x18mm
1118001	10x10x15mm	1118021	16x16x22mm
1118014	12x12x14mm	1118005	18x18x22mm
1118002	12x12x15mm	1118022	18x18x28mm
1118015	12x12x16mm	1118006	22x22x28mm
1118016	12x12x18mm	1118007	28x28x35mm
1118017	14x14x12mm	1118008	35x35x42mm



Stop End
Art. No.:1119

Item No.	Size	Item No.	Size
1119017	6mm	1119010	42mm
1119001	8mm	1119011	54mm
1119002	10mm	1119019	64mm
1119003	12mm	1119012	67mm
1119018	14mm	1119013	76mm
1119004	15mm	1119020	80mm
1119005	16mm	1119021	89mm
1119006	18mm	1119014	108mm
1119007	22mm	1119015	133mm
1119008	28mm	1119016	159mm
1119009	35mm		



Cross
Art. No.:1120

Item No.	Size	Item No.	Size
1120001	10mm	1120007	22mm
1120002	12mm	1120008	28mm
1120003	14mm	1120009	35mm
1120004	15mm	1120010	42mm
1120005	16mm	1120011	54mm
1120006	18mm		



Reduced Cross
Art. No.:1121

Item No.	Size	Item No.	Size
1121001	42x42x22x22mm	1121003	54x54x22x22mm
1121002	42x42x28x28mm	1121004	54x54x28x28mm



U Bend
Art. No.:1122

Item No.	Size	Item No.	Size
1122001	10mm	1122007	22mm
1122002	12mm	1122008	28mm
1122003	14mm	1122009	35mm
1122004	15mm	1122010	42mm
1122005	16mm	1122011	54mm
1122006	18mm		



Wall Plate and Copper Tail
Art. No.:1123

Item No.	Size	Item No.	Size
1123001	15x1/2"x350	1123002	15x1/2"x600

END FEED FITTINGS



Slow Stress Bend
Art. No.:1124

Item No.	Size	Item No.	Size
1124001	10mm	1124007	22mm
1124002	12mm	1124008	28mm
1124003	14mm	1124009	35mm
1124004	15mm	1124010	42mm
1124005	16mm	1124011	54mm
1124006	18mm		



Brass Adaptor Female Sweat x Female Thread
Art. No.:1125

Item No.	Size	Item No.	Size
1125001	12x1/4"	1125015	18x3/4"
1125002	12x3/8"	1125016	18x1"
1125003	12x1/2"	1125017	22x1/2"
1125004	14x1/4"	1125018	22x3/4"
1125005	14x3/8"	1125019	22x1"
1125006	14x1/2"	1125020	28x1/2"
1125007	15x1/4"	1125021	28x3/4"
1125008	15x3/8"	1125022	28x1"
1125009	15x1/2"	1125023	28x1-1/4"
1125010	15x3/4"	1125024	35x1"
1125011	16x3/8"	1125025	35x1-1/4"
1125012	16x1/2"	1125026	42x1-1/2"
1125013	16x3/4"	1125027	42x2"
1125014	18x1/2"	1125028	54x2"



Brass Adaptor Male Sweat x Female Thread
Art. No.:1126

Item No.	Size	Item No.	Size
1126001	12x1/4"	1126015	18x3/4"
1126002	12x3/8"	1126016	18x1"
1126003	12x1/2"	1126017	22x1/2"
1126004	14x1/4"	1126018	22x3/4"
1126005	14x3/8"	1126019	22x1"
1126006	14x1/2"	1126020	28x1/2"
1126007	15x1/4"	1126021	28x3/4"
1126008	15x3/8"	1126022	28x1"
1126009	15x1/2"	1126023	28x1-1/4"
1126010	15x3/4"	1126024	35x1"
1126011	16x3/8"	1126025	35x1-1/4"
1126012	16x1/2"	1126026	42x1-1/2"
1126013	16x3/4"	1126027	42x2"
1126014	18x1/2"	1126028	54x2"



Brass Adaptor Female Sweat x Male Thread
Art. No.:1127

Item No.	Size	Item No.	Size
1127001	12x1/4"	1127015	18x3/4"
1127002	12x3/8"	1127016	18x1"
1127003	12x1/2"	1127017	22x1/2"
1127004	14x1/4"	1127018	22x3/4"
1127005	14x3/8"	1127019	22x1"
1127006	14x1/2"	1127020	28x1/2"
1127007	15x1/4"	1127021	28x3/4"
1127008	15x3/8"	1127022	28x1"
1127009	15x1/2"	1127023	28x1-1/4"
1127010	15x3/4"	1127024	35x1"
1127011	16x3/8"	1127025	35x1-1/4"
1127012	16x1/2"	1127026	42x1-1/2"
1127013	16x3/4"	1127027	42x2"
1127014	18x1/2"	1127028	54x2"



Brass Adaptor Male Sweat x Male Thread
Art. No.:1128

Item No.	Size	Item No.	Size
1128001	12x1/4"	1128015	18x3/4"
1128002	12x3/8"	1128016	18x1"
1128003	12x1/2"	1128017	22x1/2"
1128004	14x1/4"	1128018	22x3/4"
1128005	14x3/8"	1128019	22x1"
1128006	14x1/2"	1128020	28x1/2"
1128007	15x1/4"	1128021	28x3/4"
1128008	15x3/8"	1128022	28x1"
1128009	15x1/2"	1128023	28x1-1/4"
1128010	15x3/4"	1128024	35x1"
1128011	16x3/8"	1128025	35x1-1/4"
1128012	16x1/2"	1128026	42x1-1/2"
1128013	16x3/4"	1128027	42x2"
1128014	18x1/2"	1128028	54x2"

SOLDER RING FITTINGS

WRAS
APPROVED
PRODUCT



- ◆ WRAS approved
- ◆ Available in size 6-54mm
- ◆ Manufactured in accordance with BS EN1254-1
- ◆ Suitable for connecting copper tubes in accordance with EN1057
- ◆ Contains lead-free solder complying with EN29453 and ISO9453
- ◆ Accurate ring of solder to remove the need of guesswork and to ensure a quick and secure fitting

Top-Asia solder ring performance when correctly assembled with copper tube to BS1057 are shown below

Size	Service Temperature		
	30	65	110
6mm to 67mm	16bar	10bar	6bar

/ SOLDER RING FITTINGS



Straight Coupler
Art. No.:1200

Item No.	Size	Item No.	Size
1200001	6mm	1200010	54mm
1200002	8mm	1200011	67mm
1200003	10mm	1200012	1/2"
1200004	12mm	1200013	3/4"
1200005	15mm	1200014	1"
1200006	22mm	1200015	1-1/4"
1200007	28mm	1200016	1-1/2"
1200008	35mm	1200017	2"
1200009	42mm		



Slip Coupler
Art. No.:1201

Item No.	Size	Item No.	Size
1201001	15mm	1201008	1/2"
1201002	22mm	1201009	3/4"
1201003	28mm	1201010	1"
1201004	35mm	1201011	1-1/4"
1201005	42mm	1201012	1-1/2"
1201006	54mm	1201013	2"
1201007	67mm		



Imperial/Metric Adaptor
Art. No.:1202

Item No.	Size	Item No.	Size
1202001	15x1/2"	1202004	35x1-1/4"
1202002	22x3/4"	1202005	42x1-1/2"
1202003	28x1"	1202006	54x2"



Reduced Coupler
Art. No.:1203

Item No.	Size	Item No.	Size
1203001	8x6	1203019	54x28
1203002	10x8	1203020	54x35
1203003	15x8	1203021	54x42
1203004	15x10	1203022	3/4"x1/2"
1203005	15x12	1203023	1"x1/2"
1203006	22x10	1203024	1"x3/4"
1203007	22x15	1203025	1-1/4"x1/2"
1203008	28x15	1203026	1-1/4"x3/4"
1203009	28x22	1203027	1-1/4"x1"
1203010	35x15	1203028	1-1/2"x1/2"
1203011	35x22	1203029	1-1/2"x3/4"
1203012	35x28	1203030	1-1/2"x1"
1203013	42x15	1203031	1-1/2"x1-1/4"
1203014	42x22	1203032	2"x1/2"
1203015	42x28	1203033	2"x3/4"
1203016	42x35	1203034	2"x1"
1203017	54x15	1203035	2"x1-1/4"
1203018	54x22	1203036	2"x1-1/2"



Fitting Reducer
Art. No.:1204

Item No.	Size	Item No.	Size
1204001	8x6mm	1204023	54x42mm
1204002	10x8mm	1204024	67x15mm
1204003	12x6mm	1204025	67x22mm
1204004	12x8mm	1204026	67x28mm
1204005	15x8mm	1204027	67x35mm
1204006	15x10mm	1204028	67x42mm
1204007	15x12mm	1204029	67x54mm
1204008	22x12mm	1204030	3/4"x1/2"
1204009	22x15mm	1204031	1"x1/2"
1204010	28x15mm	1204032	1"x3/4"
1204011	28x22mm	1204033	1-1/4"x1/2"
1204012	35x15mm	1204034	1-1/4"x3/4"
1204013	35x22mm	1204035	1-1/4"x1"
1204014	35x28mm	1204036	1-1/2"x1/2"
1204015	42x15mm	1204037	1-1/2"x3/4"
1204016	42x22mm	1204038	1-1/2"x1"
1204017	42x28mm	1204039	1-1/2"x1-1/4"
1204018	42x35mm	1204040	2"x1/2"
1204019	54x15mm	1204041	2"x3/4"
1204020	54x22mm	1204042	2"x1"
1204021	54x28mm	1204043	2"x1-1/4"
1204022	54x35mm	1204044	2"x1-1/2"



90 deg. Elbow
Art. No.:1205

Item No.	Size	Item No.	Size
1205001	6mm	1205010	54mm
1205002	8mm	1205011	67mm
1205003	10mm	1205012	1/2"
1205004	12mm	1205013	3/4"
1205005	15mm	1205014	1"
1205006	22mm	1205015	1-1/4"
1205007	28mm	1205016	1-1/2"
1205008	35mm	1205017	2"
1205009	42mm		



90 deg. Street Elbow
Art. No.:1206

Item No.	Size	Item No.	Size
1206001	8mm	1206006	28mm
1206002	10mm	1206007	35mm
1206003	12mm	1206008	42mm
1206004	15mm	1206009	54mm
1206005	22mm	1206010	67mm



45 deg. Elbow
Art. No.:1207

Item No.	Size	Item No.	Size
1207001	8mm	1207009	54mm
1207002	10mm	1207010	67mm
1207003	12mm	1207011	1/2"
1207004	15mm	1207012	3/4"
1207005	22mm	1207013	1"
1207006	28mm	1207014	1-1/4"
1207007	35mm	1207015	1-1/2"
1207008	42mm	1207016	2"



Part Crossover
Art. No.:1212

Item No.	Size	Item No.	Size
1212001	15mm	1212004	1/2"
1212002	22mm	1212005	3/4"
1212003	28mm	1212006	1"



45 deg. Street Elbow
Art. No.:1208

Item No.	Size	Item No.	Size
1208001	8mm	1208006	28mm
1208002	10mm	1208007	35mm
1208003	12mm	1208008	42mm
1208004	15mm	1208009	54mm
1208005	22mm	1208010	67mm



Equal Tee
Art. No.:1213



Item No.	Size	Item No.	Size
1213001	6mm	1213010	54mm
1213002	8mm	1213011	67mm
1213003	10mm	1213012	1/2"
1213004	12mm	1213013	3/4"
1213005	15mm	1213014	1"
1213006	22mm	1213015	1-1/4"
1213007	28mm	1213016	1-1/2"
1213008	35mm	1213017	2"
1213009	42mm		



Slow Bend
Art. No.:1209

Item No.	Size	Item No.	Size
1209001	15mm	1209004	1/2"
1209002	22mm	1209005	3/4"
1209003	28mm	1209006	1"



Reduced Branch Tee
Art. No.:1214



Item No.	Size	Item No.	Size
1214001	15x15x10mm	1214018	1/2x1/2x3/8"
1214002	22x22x10mm	1214019	3/4x3/4x3/8"
1214003	22x22x15mm	1214020	3/4x3/4x1/2"
1214004	28x28x15mm	1214021	1x1x1/2"
1214005	28x28x22mm	1214022	1x1x3/4"
1214006	35x35x15mm	1214023	1-1/4x1-1/4x1/2"
1214007	35x35x22mm	1214024	1-1/4x1-1/4x3/4"
1214008	35x35x28mm	1214025	1-1/4x1-1/4x1"
1214009	42x42x15mm	1214026	1-1/2x1-1/2x1/2"
1214010	42x42x22mm	1214027	1-1/2x1-1/2x3/4"
1214011	42x42x28mm	1214028	1-1/2x1-1/2x1"
1214012	42x42x35mm	1214029	1-1/2x1-1/2x1-1/4"
1214013	54x54x15mm	1214030	2x2x1/2"
1214014	54x54x22mm	1214031	2x2x3/4"
1214015	54x54x28mm	1214032	2x2x1"
1214016	54x54x35mm	1214033	2x2x1-1/4"
1214017	54x54x42mm	1214034	2x2x1-1/2"



Slow Street Bend
Art. No.:1210

Item No.	Size	Item No.	Size
1210001	15mm	1210004	1/2"
1210002	22mm	1210005	3/4"
1210003	28mm	1210006	1"



Full Crossover
Art. No.:1211

Item No.	Size	Item No.	Size
1211001	15mm	1211004	1/2"
1211002	22mm	1211005	3/4"
1211003	28mm	1211006	1"

/SOLDER RING FITTINGS



Reduced End Tee
Art. No.:1215



Item No.	Size	Item No.	Size
1215001	22x15x22mm	1215010	3/4x1/2x3/4"
1215002	28x15x28mm	1215011	1x1/2x1"
1215003	28x22x28mm	1215012	1x3/4x1"
1215004	35x15x35mm	1215013	1-1/4x1/2x1-1/4"
1215005	35x22x35mm	1215014	1-1/4x3/4x1-1/4"
1215006	35x28x35mm	1215015	1-1/4x1x1-1/4"
1215007	42x28x42mm	1215016	1-1/2x1x1-1/2"
1215008	42x35x42mm	1215017	1-1/2x1-1/4x1-1/2"
1215009	54x42x54mm	1215018	2x1-1/2x2"



Reduced End & Branch Tee
Art. No.:1216



Item No.	Size	Item No.	Size
1216001	22x15x15mm	1216014	3/4x1/2x1/2"
1216002	28x15x15mm	1216015	1x1/2x1/2"
1216003	28x15x22mm	1216016	1x1/2x3/4"
1216004	28x22x15mm	1216017	1x3/4x1/2"
1216005	28x22x22mm	1216018	1x3/4x3/4"
1216006	35x22x22mm	1216019	1-1/4x3/4x3/4"
1216007	35x28x15mm	1216020	1-1/4x1x1/2"
1216008	35x28x22mm	1216021	1-1/4x1x3/4"
1216009	35x28x28mm	1216022	1-1/4x1x1"
1216010	42x28x28mm	1216023	1-1/2x1x1"
1216011	42x35x28mm	1216024	1-1/2x1-1/4x1"
1216012	42x35x35mm	1216025	1-1/2x1-1/4x1-1/4"
1216013	54x42x42mm	1216026	2x1-1/2x1-1/2"



Both Ends Reduced Tee
Art. No.:1217



Item No.	Size	Item No.	Size
1217001	15x15x22mm	1217008	1/2x1/2x3/4"
1217002	15x15x28mm	1217009	1/2x1/2x1"
1217003	22x22x28mm	1217010	3/4x3/4x1"
1217004	22x22x35mm	1217011	3/4x3/4x1-1/4"
1217005	28x28x35mm	1217012	1x1x1-1/4"
1217006	35x35x42mm	1217013	1-1/4x1-1/4x1-1/2"
1217007	42x42x54mm	1217014	1-1/2x1-1/2x2"



Stop End
Art. No.:1218

Item No.	Size	Item No.	Size
1218001	8mm	1218009	54mm
1218002	10mm	1218010	67mm
1218003	12mm	1218011	1/2"
1218004	15mm	1218012	3/4"
1218005	22mm	1218013	1"
1218006	28mm	1218014	1-1/4"
1218007	35mm	1218015	1-1/2"
1218008	42mm	1218016	2"



U Bend
Art. No.:1219

Item No.	Size	Item No.	Size
1219001	15mm	1219003	28mm
1219002	22mm		



FI Straight Coupling
Art. No.:1220

Item No.	Size	Item No.	Size
1220001	15x3/8"	1220005	28x1"
1220002	15x1/2"	1220006	35x1-1/4"
1220003	22x1/2"	1220007	42x1-1/2"
1220004	22x3/4"	1220008	54x2"



MI Straight Coupling
Art. No.:1221

Item No.	Size	Item No.	Size
1221001	15x1/4"	1221005	28x1"
1221002	15x1/2"	1221006	35x1-1/4"
1221003	22x1/2"	1221007	42x1-1/2"
1221004	22x3/4"	1221008	54x2"



MI Elbow - Taper
Art. No.:1222

Item No.	Size	Item No.	Size
1222001	15x1/2"	1222002	22x3/4"



FI Elbow
Art. No.:1223

Item No.	Size	Item No.	Size
1223001	15x1/2"	1223004	28x1"
1223002	22x1/2"	1223005	35x1/2"
1223003	22x3/4"		



Wall Plate Elbow
Art. No.:1224

Item No.	Size	Item No.	Size
1224001	15x1/2"		



Tee - FI Centre Branch
Art. No.:1225

Item No.	Size	Item No.	Size
1225001	15x15x1/2"	1225002	22x22x1/2"



Solder Ring Repair Piece
Art. No.:1226

Item No.	Size	Item No.	Size
1226001	15mm	1226002	22mm



Solder Ring Repair Piece
Art. No.:1227

Item No.	Size	Item No.	Size
1227001	15mm	1227002	22mm

TAP CONNECTORS



- ◆ WRAS approved
- ◆ Manufactured in accordance with BS EN1254-1
- ◆ Suitable for connecting copper tubes in accordance with EN1057

TAP CONNECTORS



Straight Tap Connector Flat Joint
Art. No.:1300

Item No.	Size	Item No.	Size
1300001	10x3/8"	1300014	16x3/4"
1300002	12x3/8"	1300015	18x3/4"
1300003	14x3/8"	1300016	22x3/4"
1300004	15x3/8"	1300017	28x3/4"
1300005	10x1/2"	1300018	18x1"
1300006	12x1/2"	1300019	22x1"
1300007	14x1/2"	1300020	28x1"
1300008	15x1/2"	1300021	28x1-1/4"
1300009	16x1/2"	1300022	35x1-1/4"
1300010	18x1/2"	1300023	42x1-1/4"
1300011	22x1/2"	1300024	42x2"
1300012	14x3/4"	1300025	54x2"
1300013	15x3/4"		



Straight Tap Connector with Flange for Gasket - Plus Pattern
Art. No.:1303

Item No.	Size	Item No.	Size
1303001	10x3/8"	1303014	16x3/4"
1303002	12x3/8"	1303015	18x3/4"
1303003	14x3/8"	1303016	22x3/4"
1303004	15x3/8"	1303017	28x3/4"
1303005	10x1/2"	1303018	18x1"
1303006	12x1/2"	1303019	22x1"
1303007	14x1/2"	1303020	28x1"
1303008	15x1/2"	1303021	28x1-1/4"
1303009	16x1/2"	1303022	35x1-1/4"
1303010	18x1/2"	1303023	42x1-1/4"
1303011	22x1/2"	1303024	42x2"
1303012	14x3/4"	1303025	54x2"
1303013	15x3/4"		



Straight Tap Connector with Flange for Gasket
Art. No.:1301

Item No.	Size	Item No.	Size
1301001	10x3/8"	1301014	16x3/4"
1301002	12x3/8"	1301015	18x3/4"
1301003	14x3/8"	1301016	22x3/4"
1301004	15x3/8"	1301017	28x3/4"
1301005	10x1/2"	1301018	18x1"
1301006	12x1/2"	1301019	22x1"
1301007	14x1/2"	1301020	28x1"
1301008	15x1/2"	1301021	28x1-1/4"
1301009	16x1/2"	1301022	35x1-1/4"
1301010	18x1/2"	1301023	42x1-1/4"
1301011	22x1/2"	1301024	42x2"
1301012	14x3/4"	1301025	54x2"
1301013	15x3/4"		



Bent Tap Connector Flat Joint
Art. No.:1304

Item No.	Size	Item No.	Size
1304001	10x3/8"	1304011	22x1/2"
1304002	12x3/8"	1304012	14x3/4"
1304003	14x3/8"	1304013	15x3/4"
1304004	15x3/8"	1304014	16x3/4"
1304005	10x1/2"	1304015	18x3/4"
1304006	12x1/2"	1304016	22x3/4"
1304007	14x1/2"	1304017	28x3/4"
1304008	15x1/2"	1304018	18x1"
1304009	16x1/2"	1304019	22x1"
1304010	18x1/2"	1304020	28x1"



Straight Tap Connector Flat Joint - Plus Pattern
Art. No.:1302

Item No.	Size	Item No.	Size
1302001	10x3/8"	1302014	16x3/4"
1302002	12x3/8"	1302015	18x3/4"
1302003	14x3/8"	1302016	22x3/4"
1302004	15x3/8"	1302017	28x3/4"
1302005	10x1/2"	1302018	18x1"
1302006	12x1/2"	1302019	22x1"
1302007	14x1/2"	1302020	28x1"
1302008	15x1/2"	1302021	28x1-1/4"
1302009	16x1/2"	1302022	35x1-1/4"
1302010	18x1/2"	1302023	42x1-1/4"
1302011	22x1/2"	1302024	42x2"
1302012	14x3/4"	1302025	54x2"
1302013	15x3/4"		



Bent Tap Connector with Flange for Gasket
Art. No.:1305

Item No.	Size	Item No.	Size
1305001	10x3/8"	1305011	22x1/2"
1305002	12x3/8"	1305012	14x3/4"
1305003	14x3/8"	1305013	15x3/4"
1305004	15x3/8"	1305014	16x3/4"
1305005	10x1/2"	1305015	18x3/4"
1305006	12x1/2"	1305016	22x3/4"
1305007	14x1/2"	1305017	28x3/4"
1305008	15x1/2"	1305018	18x1"
1305009	16x1/2"	1305019	22x1"
1305010	18x1/2"	1305020	28x1"

TAP CONNECTORS



Bent Tap Connector Flat Joint - Plus Pattern
Art. No.:1306

Item No.	Size	Item No.	Size
1306001	10x3/8"	1306011	22x1/2"
1306002	12x3/8"	1306012	14x3/4"
1306003	14x3/8"	1306013	15x3/4"
1306004	15x3/8"	1306014	16x3/4"
1306005	10x1/2"	1306015	18x3/4"
1306006	12x1/2"	1306016	22x3/4"
1306007	14x1/2"	1306017	28x3/4"
1306008	15x1/2"	1306018	18x1"
1306009	16x1/2"	1306019	22x1"
1306010	18x1/2"	1306020	28x1"



Bent Tap Connector with Flange for Gasket - Plus Pattern
Art. No.:1307

Item No.	Size	Item No.	Size
1307001	10x3/8"	1307011	22x1/2"
1307002	12x3/8"	1307012	14x3/4"
1307003	14x3/8"	1307013	15x3/4"
1307004	15x3/8"	1307014	16x3/4"
1307005	10x1/2"	1307015	18x3/4"
1307006	12x1/2"	1307016	22x3/4"
1307007	14x1/2"	1307017	28x3/4"
1307008	15x1/2"	1307018	18x1"
1307009	16x1/2"	1307019	22x1"
1307010	18x1/2"	1307020	28x1"



Double End Cap
Art. No.:1308

Item No.	Size	Item No.	Size
1308001	3/8"x3/8"	1308005	3/4"x3/4"
1308002	3/8"x1/2"	1308006	3/4"x1"
1308003	1/2"x1/2"	1308007	1"x1"
1308004	1/2"x3/4"		



Double Bend
Art. No.:1309

Item No.	Size	Item No.	Size
1309001	3/8"x3/8"	1309005	3/4"x3/4"
1309002	3/8"x1/2"	1309006	3/4"x1"
1309003	1/2"x1/2"	1309007	1"x1"
1309004	1/2"x3/4"		



Straight Union Adaptor Flat Joint
Art. No.:1310

Item No.	Size	Item No.	Size
1310001	15x1/2"	1310003	15x3/4"
1310002	22x1/2"	1310004	22x3/4"



Straight Union Adaptor with Flange for Gasket
Art. No.:1311

Item No.	Size	Item No.	Size
1311001	15x1/2"	1311003	15x3/4"
1311002	22x1/2"	1311004	22x3/4"



Straight Union Adaptor Flat Joint-Plus Pattern
Art. No.:1312

Item No.	Size	Item No.	Size
1312001	15x1/2"	1312003	15x3/4"
1312002	22x1/2"	1312004	22x3/4"



Straight Union Adaptor with Flange for Gasket- Plus Pattern
Art. No.:1313

Item No.	Size	Item No.	Size
1313001	15x1/2"	1313003	15x3/4"
1313002	22x1/2"	1313004	22x3/4"



Straight Union Adaptor Cylinder
Art. No.:1314

Item No.	Size	Item No.	Size
1314001	15x3/4"	1314003	22x1"
1314002	22x3/4"	1314004	28x1"



Bent Union Adaptor Flat Joint
Art. No.:1315

Item No.	Size	Item No.	Size
1315001	15x1/2"	1315003	15x3/4"
1315002	22x1/2"	1315004	22x3/4"

/TAP CONNECTORS



Bent Union Adaptor with
Flange for Gasket
Art. No.:1316

Item No.	Size	Item No.	Size
1316001	15x1/2"	1316003	15x3/4"
1316002	22x1/2"	1316004	22x3/4"



Bent Union Adaptor Cylinder
Art. No.:1317

Item No.	Size	Item No.	Size
1317001	15x1/2"	1317003	15x3/4"
1317002	22x1/2"	1317004	22x3/4"



Straight Tap Connector
Male Thread
Art. No.:1318

Item No.	Size	Item No.	Size
1318001	15x1/2"	1318002	22x1/2"



Double End Cap
Art. No.:1319

Item No.	Size	Item No.	Size
1319001	1/2x1/2"	1319003	3/4x3/4"
1319002	1/2x3/4"		



Anti-electrolitic Stocket FF
Art. No.:1320

Item No.	Size	Item No.	Size
1320001	1/2"	1320004	1-1/4"
1320002	3/4"	1320005	1-1/2"
1320003	1"		



Anti-electrolitic Stocket FM
Art. No.:1321

Item No.	Size	Item No.	Size
1321001	1/2"	1321002	3/4"

COMPRESSION FITTINGS



- ◆ Manufactured in accordance with BS EN1254-2
- ◆ Suitable for connecting copper tubes in accordance with EN1057
- ◆ Also available in dezincification resistance (DZR) brass.
- ◆ Used in plumbing, heating, cooling, compressed air and gas applications.

COMPRESSION FITTINGS



Straight Coupler
Art. No.:1400

Item No.	Size	Item No.	Size
1400001	8mm	1400005	28mm
1400002	10mm	1400006	35mm
1400003	15mm	1400007	42mm
1400004	22mm	1400008	54mm



Reduced Coupler
Art. No.:1401

Item No.	Size	Item No.	Size
1401001	10x8mm	1401005	16x15mm
1401002	15x8mm	1401006	22x15mm
1401003	15x10mm	1401007	28x15mm
1401004	15x12mm	1401008	28x22mm



C x MI Straight Coupler
Art. No.:1402

Item No.	Size	Item No.	Size
1402001	8x1/4"	1402010	22x1/2"
1402002	8x3/8"	1402011	22x3/4"
1402003	10x1/4"	1402012	22x1"
1402004	10x3/8"	1402013	28x1"
1402005	10x1/2"	1402014	28x1-1/4"
1402006	15x1/4"	1402015	35x1-1/4"
1402007	15x3/8"	1402016	42x1-1/2"
1402008	15x1/2"	1402017	54x2"
1402009	15x3/4"		



C x FI Straight Coupler
Art. No.:1403

Item No.	Size	Item No.	Size
1403001	8x1/4"	1403010	22x1/2"
1403002	8x3/8"	1403011	22x3/4"
1403003	10x1/4"	1403012	22x1"
1403004	10x3/8"	1403013	28x1"
1403005	10x1/2"	1403014	28x1-1/4"
1403006	15x1/4"	1403015	35x1-1/4"
1403007	15x3/8"	1403016	42x1-1/2"
1403008	15x1/2"	1403017	54x2"
1403009	15x3/4"		



90deg. Equal Elbow
Art. No.:1404

Item No.	Size	Item No.	Size
1404001	8mm	1404005	28mm
1404002	10mm	1404006	35mm
1404003	15mm	1404007	42mm
1404004	22mm	1404008	54mm



90deg. Reduced Elbow
Art. No.:1405

Item No.	Size	Item No.	Size
1405001	12x10mm	1405004	28x15mm
1405002	15x10mm	1405005	28x22mm
1405003	22x15mm		



90deg. C x MI Elbow
Art. No.:1406

Item No.	Size	Item No.	Size
1406001	10x3/8"	1406006	28x1"
1406002	10x1/2"	1406007	35x1-1/4"
1406003	15x3/4"	1406008	42x1-1/2"
1406004	22x3/4"	1406009	54x2"
1406005	22x1"		



90deg. C x FI Elbow
Art. No.:1407

Item No.	Size	Item No.	Size
1407001	15x1/2"	1407005	28x1"
1407002	15x3/4"	1407006	35x1-1/4"
1407003	22x3/4"	1407007	42x1-1/2"
1407004	22x1"	1407008	54x2"



Wallplate Elbow
Art. No.:1408

Item No.	Size	Item No.	Size
1408001	12x1/2"	1408004	22x1/2"
1408002	15x1/2"	1408005	22x3/4"
1408003	15x3/4"		

COMPRESSION FITTINGS



45deg. Elbow
Art. No.:1409

Item No.	Size	Item No.	Size
1409001	8mm	1409005	28mm
1409002	10mm	1409006	35mm
1409003	15mm	1409007	42mm
1409004	22mm	1409008	54mm



Equal Tee
Art. No.:1410

Item No.	Size	Item No.	Size
1410001	8mm	1410005	28mm
1410002	10mm	1410006	35mm
1410003	15mm	1410007	42mm
1410004	22mm	1410008	54mm



Center Reduced Tee
Art. No.:1411

Item No.	Size	Item No.	Size
1411001	15x15x10mm	1411009	42x42x22mm
1411002	22x22x15mm	1411010	42x42x28mm
1411003	28x28x15mm	1411011	42x42x35mm
1411004	28x28x22mm	1411012	54x54x15mm
1411005	35x35x15mm	1411013	54x54x22mm
1411006	35x35x22mm	1411014	54x54x28mm
1411007	35x35x28mm	1411015	54x54x35mm
1411008	42x42x15mm	1411016	54x54x42mm



Reduced End Branch Tee
Art. No.:1412

Item No.	Size	Item No.	Size
1412001	22x15x22mm	1412003	28x22x28mm
1412002	28x15x28mm		



F. I. Center Branch Tee
Art. No.:1413

Item No.	Size	Item No.	Size
1413001	15x15x1/2"	1413002	22x22x1/2"



Reducing Set 3 Pieces
Art. No.:1414

Item No.	Size	Item No.	Size
1414001	10x6mm	1414010	35x28mm
1414002	10x8mm	1414011	42x15mm
1414003	12x8mm	1414012	42x22mm
1414004	15x8mm	1414013	42x35mm
1414005	22x12mm	1414014	54x15mm
1414006	28x15mm	1414015	54x22mm
1414007	28x22mm	1414016	54x28mm
1414008	35x15mm	1414017	54x35mm
1414009	35x22mm	1414018	54x42mm



One Piece Reducer
Art. No.:1415

Item No.	Size	Item No.	Size
1415001	15x10mm	1415002	22x15mm

COPPER PEX SWEAT ADAPTORS



NSF / ANSI 61



- ◆ CUPC, NSF/ANSI Standard 61 approved
- ◆ PEX end according to ASTM F1807
- ◆ Sweat end according to ASME/ANSI B16.22
- ◆ Light and neat design, anti-bacterial and lead free material
- ◆ For use in above-ground potable water supply systems

COPPER PEX SWEAT ADAPTORS



Copper PEX Female Sweat Adapter
Art. No.:1500

Item No.	Size
1500001	1/2" PEX x 1/2" Female Sweat
1500002	1/2" PEX x 3/4" Female Sweat
1500003	3/4" PEX x 3/4" Female Sweat
1500004	1" PEX x 1" Female Sweat



Copper PEX Male Sweat Adapter
Art. No.:1501

Item No.	Size
1501001	1/2" PEX x 1/2" Male Sweat
1501002	3/4" PEX x 3/4" Male Sweat
1501003	1" PEX x 1" Male Sweat



Copper PEX Female Sweat Elbow Adapter
Art. No.:1502

Item No.	Size
1502001	3/8" PEX x 1/2" Female Sweat
1502002	1/2" PEX x 1/2" Female Sweat
1502003	5/8" PEX x 1/2" Female Sweat
1502004	3/4" PEX x 1/2" Female Sweat
1502005	1/2" PEX x 3/4" Female Sweat
1502006	3/4" PEX x 3/4" Female Sweat
1502007	1" PEX x 1" Female Sweat



Copper PEX Male Sweat Elbow Adapter
Art. No.:1503

Item No.	Size
1503001	1/2" PEX x 1/2" Male Sweat
1503002	3/8" PEX x 1/2" Male Sweat



Copper PEX Male Sweat Elbow
Art. No.:1504

Item No.	Size
1504001	1/2" PEX x 1/2" Male Sweat x 4"L
1504002	3/4" PEX x 3/4" Male Sweat x 6"L



Copper PEX Spin Closed Stub Out
Art. No.:1505

Item No.	Size	Item No.	Size
1505001	1/2" PEX x 6"L	1505003	1/2" PEX x 12"L
1505002	1/2" PEX x 8"L	1505004	3/4" PEX x 12"L

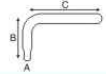


Copper PEX Open Ended Stub Out
Art. No.:1506

Item No.	Size	Item No.	Size
1506001	1/2" PEX x 6"L	1506003	1/2" PEX x 12"L
1506002	1/2" PEX x 8"L		



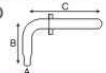
Copper PEX Stub Out Elbow
Art. No.:1507



Item No.	Size
1507001	3/8" PEX x 3-1/2" x 6"L
1507002	3/8" PEX x 3-1/2" x 8"L
1507003	1/2" PEX x 3-1/2" x 6"L
1507004	1/2" PEX x 3-1/4" x 8"L
1507005	1/2" PEX x 13" x 8"L
1507006	1/2" PEX x 3-1/2" x 12"L
1507007	3/4" PEX x 13" x 6"L
1507008	3/4" PEX x 4-1/2" x 8"L
1507009	3/4" PEX x 4-1/2" x 12"L
1507010	1" PEX x 6" x 8"L
1507011	1" PEX x 6" x 12"L



Copper PEX Stub Out Elbow with Square O Strap
Art. No.:1508



Item No.	Size
1508001	3/8" PEX x 3-1/2" x 6"L
1508002	3/8" PEX x 3-1/2" x 8"L
1508003	1/2" PEX x 3-1/2" x 6"L
1508004	1/2" PEX x 3-1/4" x 8"L
1508005	1/2" PEX x 13" x 8"L
1508006	1/2" PEX x 3-1/2" x 12"L
1508007	3/4" PEX x 13" x 6"L
1508008	3/4" PEX x 4-1/2" x 8"L
1508009	3/4" PEX x 4-1/2" x 12"L
1508010	1" PEX x 6" x 8"L
1508011	1" PEX x 6" x 12"L



PEX Crimp Ring-Annealed Copper
Art. No.:1509

Item No.	Size	Item No.	Size
1509001	3/8"	1509005	1"
1509002	1/2"	1509006	1-1/4"
1509003	5/8"	1509007	1-1/2"
1509004	3/4"	1509008	2"
1509009	7/8"		

COPPER PEX SWEAT ADAPTORS

NSF / ANSI 61



PEX Crimp Ring
Art. No.:1510

Item No.	Size	Item No.	Size
1510001	3/8"	1510005	1"
1510002	1/2"	1510006	1-1/4"
1510003	5/8"	1510007	1-1/2"
1510004	3/4"	1510008	2"
1510009	7/8"		



PEX Copper Ring
AS3688:2005
Art. No.:1515

Item No.	Size	Item No.	Size
1515001	10mm	1515006	32mm
1515002	15mm	1515007	40mm
1515003	18mm	1515008	50mm
1515004	20mm	1515009	65mm
1515005	25mm		



Copper Coupling
Art. No.:1511

Item No.	Size	Item No.	Size
1511001	3/8" x 3/8"	1511004	3/4" x 3/4"
1511002	1/2" x 1/2"	1511005	3/4" x 1"
1511003	1/2" x 3/4"	1511006	1" x 1"



Copper Elbow
Art. No.:1512

Item No.	Size	Item No.	Size
1512001	3/8" x 3/8"	1512004	3/4" x 1"
1512002	1/2" x 1/2"	1512005	1" x 1"
1512003	3/4" x 3/4"		



Square O Strap
Art. No.:1513

Item No.	Size	Item No.	Size
1513001	1/2"	1513003	1"
1513002	3/4"		



PEX Copper Ring with Strip
Art. No.:1514

Item No.	Size	Item No.	Size
1514001	3/8"	1514005	1"
1514002	1/2"	1514006	1-1/4"
1514003	5/8"	1514007	1-1/2"
1514004	3/4"	1514008	2"

ACR FITTINGS



- ◆ Manufactured accordance with ANSI B16.22
- ◆ For air conditioning and refrigeration applications.
- ◆ Available in size 1/4" to 4-1/8" tested to B16.22
- ◆ Accordance with 97/23/EC to ensure suitability use with high and low pressure
- ◆ Designed with copper or copper alloy fittings ensure all thickness and guarantee impermeability and durability

ACR FITTINGS



Straight Coupler
Art. No.:1600

Item No.	Size	Item No.	Size
1600001	1/4"	1600010	1-5/8"
1600002	3/8"	1600011	2-1/8"
1600003	1/2"	1600012	2-5/8"
1600004	5/8"	1600013	3-1/8"
1600005	3/4"	1600014	3-5/8"
1600006	7/8"	1600015	4-1/8"
1600007	1"	1600016	3/16"
1600008	1-1/8"	1600017	5/16"
1600009	1-3/8"		



Slip Coupler
Art. No.:1601

Item No.	Size	Item No.	Size
1601001	1/4"	1601006	1-1/8"
1601002	3/8"	1601007	1-5/8"
1601003	1/2"	1601008	2-1/8"
1601004	5/8"	1601009	2-5/8"
1601005	7/8"	1601010	3-1/8"



Reduced Coupler
Art. No.:1602

Item No.	Size	Item No.	Size
1602001	1/4x3/16"	1602023	1-5/8x5/8"
1602002	3/8x1/4"	1602024	1-5/8x7/8"
1602003	3/8x5/16"	1602025	1-5/8x1-1/8"
1602004	1/2x1/4"	1602026	1-5/8x1-3/8"
1602005	1/2x3/8"	1602027	2-1/8x5/8"
1602006	5/8x1/4"	1602028	2-1/8x7/8"
1602007	5/8x3/8"	1602029	2-1/8x1-1/8"
1602008	5/8x1/2"	1602030	2-1/8x1-3/8"
1602009	3/4x3/8"	1602031	2-1/8x1-5/8"
1602010	3/4x1/2"	1602032	2-5/8x1-1/8"
1602011	3/4x5/8"	1602033	2-5/8x1-3/8"
1602012	7/8x3/8"	1602034	2-5/8x1-5/8"
1602013	7/8x1/2"	1602035	2-5/8x2-1/8"
1602014	7/8x5/8"	1602036	3-1/8x1-5/8"
1602015	7/8x3/4"	1602037	3-1/8x2-1/8"
1602016	1-1/8x1/2"	1602038	3-1/8x2-5/8"
1602017	1-1/8x5/8"	1602039	3-5/8x3-1/8"
1602018	1-1/8x3/4"	1602040	4-1/8x2-5/8"
1602019	1-1/8x7/8"	1602041	4-1/8x3-1/8"
1602020	1-3/8x5/8"	1602042	4-1/8x3-5/8"
1602021	1-3/8x3/4"	1602043	5/16x1/4"
1602022	1-3/8x7/8"		



Fitting Reducer
Art. No.:1603

Item No.	Size	Item No.	Size
1603001	3/8x1/4"	1603022	1-5/8x1-1/8"
1603002	1/2x1/4"	1603023	1-5/8x1-3/8"
1603003	1/2x3/8"	1603024	2-1/8x5/8"
1603004	5/8x3/8"	1603025	2-1/8x7/8"
1603005	5/8x1/2"	1603026	2-1/8x1-1/8"
1603006	3/4x3/8"	1603027	2-1/8x1-3/8"
1603007	3/4x1/2"	1603028	2-1/8x1-5/8"
1603008	3/4x5/8"	1603029	2-5/8x1-1/8"
1603009	7/8x3/8"	1603030	2-5/8x1-3/8"
1603010	7/8x1/2"	1603031	2-5/8x1-5/8"
1603011	7/8x5/8"	1603032	2-5/8x2-1/8"
1603012	7/8x3/4"	1603033	3-1/8x1-3/8"
1603013	1-1/8x1/2"	1603034	3-1/8x1-5/8"
1603014	1-1/8x5/8"	1603035	3-1/8x2-1/8"
1603015	1-1/8x3/4"	1603036	3-1/8x2-5/8"
1603016	1-1/8x7/8"	1603037	3-5/8x3-1/8"
1603017	1-3/8x5/8"	1603038	4-1/8x2-1/8"
1603018	1-3/8x7/8"	1603039	4-1/8x2-5/8"
1603019	1-3/8x1-1/8"	1603040	4-1/8x3-1/8"
1603020	1-5/8x5/8"	1603041	4-1/8x3-5/8"
1603021	1-5/8x7/8"		



90 deg. Elbow
Art. No.:1604

Item No.	Size	Item No.	Size
1604001	1/4"	1604008	1-1/8"
1604002	3/8"	1604009	1-3/8"
1604003	1/2"	1604010	1-5/8"
1604004	5/8"	1604011	2-1/8"
1604005	3/4"	1604012	2-5/8"
1604006	7/8"	1604013	3-1/8"
1604007	1"		



90 deg. Street Elbow
Art. No.:1605

Item No.	Size	Item No.	Size
1605001	1/4"	1605007	1"
1605002	3/8"	1605008	1-1/8"
1605003	1/2"	1605009	1-3/8"
1605004	5/8"	1605010	1-5/8"
1605005	3/4"	1605011	2-1/8"
1605006	7/8"	1605012	2-5/8"



Reduced 90 deg. Elbow
Art. No.:1606

Item No.	Size	Item No.	Size
1606001	5/8x1/2"		

ACR FITTINGS



45 deg. Elbow
Art. No.:1607

Item No.	Size	Item No.	Size
1607001	1/4"	1607008	1-1/8"
1607002	3/8"	1607009	1-3/8"
1607003	1/2"	1607010	1-5/8"
1607004	5/8"	1607011	2-1/8"
1607005	3/4"	1607012	2-5/8"
1607006	7/8"	1607013	3-1/8"
1607007	1"	1607014	4-1/8"



45 deg. Street Elbow
Art. No.:1608

Item No.	Size	Item No.	Size
1608001	1/4"	1608008	1-1/8"
1608002	3/8"	1608009	1-3/8"
1608003	1/2"	1608010	1-5/8"
1608004	5/8"	1608011	2-1/8"
1608005	3/4"	1608012	2-5/8"
1608006	7/8"	1608013	3-1/8"
1608007	1"		



Slow Bend
Art. No.:1609

Item No.	Size	Item No.	Size
1609001	1/4"	1609009	1-3/8"
1609002	3/8"	1609010	1-5/8"
1609003	1/2"	1609011	2-1/8"
1609004	5/8"	1609012	2-5/8"
1609005	3/4"	1609013	3-1/8"
1609006	7/8"	1609014	3-5/8"
1609007	1"	1609015	4-1/8"
1609008	1-1/8"		

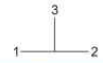


Slow Street Bend
Art. No.:1610

Item No.	Size	Item No.	Size
1610001	1/4"	1610009	1-3/8"
1610002	3/8"	1610010	1-5/8"
1610003	1/2"	1610011	2-1/8"
1610004	5/8"	1610012	2-5/8"
1610005	3/4"	1610013	3-1/8"
1610006	7/8"	1610014	3-5/8"
1610007	1"	1610015	4-1/8"
1610008	1-1/8"		



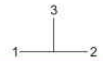
Equal Tee
Art. No.:1611



Item No.	Size	Item No.	Size
1611001	1/4"	1611009	1-3/8"
1611002	3/8"	1611010	1-5/8"
1611003	1/2"	1611011	2-1/8"
1611004	5/8"	1611012	2-5/8"
1611005	3/4"	1611013	3-1/8"
1611006	7/8"	1611014	3-5/8"
1611007	1"	1611015	4-1/8"
1611008	1-1/8"	1611016	5/16"



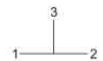
Reduced Branch Tee
Art. No.:1612



Item No.	Size	Item No.	Size
1612001	3/8x3/8x1/4"	1612024	1-3/8x1-3/8x1-1/8"
1612002	3/8x3/8x1/2"	1612025	1-5/8x1-5/8x5/8"
1612003	3/8x3/8x3/16"	1612026	1-5/8x1-5/8x7/8"
1612004	1/2x1/2x1/4"	1612027	1-5/8x1-5/8x1-1/8"
1612005	5/8x5/8x1/4"	1612028	1-5/8x1-5/8x1-3/8"
1612006	5/8x5/8x3/8"	1612029	2-1/8x2-1/8x5/8"
1612007	5/8x5/8x1/2"	1612030	2-1/8x2-1/8x7/8"
1612008	3/4x3/4x3/8"	1612031	2-1/8x2-1/8x1-1/8"
1612009	3/4x3/4x1/2"	1612032	2-1/8x2-1/8x1-3/8"
1612010	3/4x3/4x5/8"	1612033	2-1/8x2-1/8x1-5/8"
1612011	7/8x7/8x1/4"	1612034	2-5/8x2-5/8x5/8"
1612012	7/8x7/8x3/8"	1612035	2-5/8x2-5/8x7/8"
1612013	7/8x7/8x1/2"	1612036	2-5/8x2-5/8x1-1/8"
1612014	7/8x7/8x5/8"	1612037	2-5/8x2-5/8x1-3/8"
1612015	7/8x7/8x3/4"	1612038	2-5/8x2-5/8x1-5/8"
1612016	1-1/8x1-1/8x3/8"	1612039	2-5/8x2-5/8x2-1/8"
1612017	1-1/8x1-1/8x1/2"	1612040	3-1/8x3-1/8x1-5/8"
1612018	1-1/8x1-1/8x5/8"	1612041	3-1/8x3-1/8x2-1/8"
1612019	1-1/8x1-1/8x3/4"	1612042	3-1/8x3-1/8x2-5/8"
1612020	1-1/8x1-1/8x7/8"	1612043	4-1/8x4-1/8x2-1/8"
1612021	1-3/8x1-3/8x1/2"	1612044	4-1/8x4-1/8x2-5/8"
1612022	1-3/8x1-3/8x5/8"	1612045	4-1/8x4-1/8x3-1/8"
1612023	1-3/8x1-3/8x7/8"	1612046	5/16x5/16x1/4"



Reduced End Tee
Art. No.:1613



Item No.	Size	Item No.	Size
1613001	1/2x1/4x1/2"	1613012	1-1/8x5/8x1-1/8"
1613002	1/2x3/8x1/2"	1613013	1-1/8x7/8x1-1/8"
1613003	3/8x1/4x3/8"	1613014	1-3/8x5/8x1-3/8"
1613004	3/8x5/16x3/8"	1613015	1-3/8x7/8x1-3/8"
1613005	5/8x3/8x5/8"	1613016	1-3/8x1-1/8x1-3/8"
1613006	5/8x1/2x5/8"	1613017	1-5/8x7/8x1-5/8"
1613007	3/4x1/2x3/4"	1613018	1-5/8x1-1/8x1-5/8"
1613008	3/4x5/8x3/4"	1613019	1-5/8x1-3/8x1-5/8"
1613009	7/8x1/2x7/8"	1613020	1-5/8x2-1/8x1-5/8"
1613010	7/8x5/8x7/8"	1613021	2-1/8x1-3/8x2-1/8"
1613011	7/8x3/4x7/8"	1613022	2-1/8x1-5/8x2-1/8"



Reduced End & Branch Tee
Art. No.:1614



Item No.	Size	Item No.	Size
1614001	1/2x3/8x1/4"	1614018	1-3/8x7/8x1-1/8"
1614002	1/2x3/8x3/8"	1614019	1-3/8x1-1/8x5/8"
1614003	3/8x1/4x1/4"	1614020	1-3/8x1-1/8x7/8"
1614004	5/8x3/8x1/2"	1614021	1-3/8x1-1/8x1-1/8"
1614005	5/8x1/2x3/8"	1614022	1-5/8x1-1/8x7/8"
1614006	5/8x1/2x1/2"	1614023	1-5/8x1-1/8x1-1/8"
1614007	3/4x1/2x1/2"	1614024	1-5/8x1-1/8x1-3/8"
1614008	3/4x5/8x5/8"	1614025	1-5/8x1-3/8x7/8"
1614009	7/8x1/2x1/2"	1614026	1-5/8x1-3/8x1-1/8"
1614010	7/8x3/4x3/4"	1614027	1-5/8x1-3/8x1-3/8"
1614011	7/8x5/8x1/2"	1614028	2-1/8x1-3/8x1-1/8"
1614012	7/8x5/8x5/8"	1614029	2-1/8x1-3/8x1-3/8"
1614013	1-1/8x7/8x5/8"	1614030	2-1/8x1-3/8x1-5/8"
1614014	1-1/8x5/8x7/8"	1614031	2-1/8x1-5/8x1-1/8"
1614015	1-1/8x5/8x5/8"	1614032	2-1/8x1-5/8x1-3/8"
1614016	1-1/8x7/8x7/8"	1614033	2-1/8x1-5/8x1-5/8"
1614017	1-3/8x7/8x7/8"	1614034	2-5/8x2-1/8x2-1/8"



Both Ends Reduced Tee
Art. No.:1615



Item No.	Size	Item No.	Size
1615001	1/4x1/4x3/8"	1615009	7/8x7/8x1-1/8"
1615002	3/8x3/8x5/8"	1615010	1-1/8x1-1/8x1-3/8"
1615003	1/2x1/2x3/8"	1615011	1-1/8x1-1/8x1-5/8"
1615004	1/2x1/2x5/8"	1615012	1-3/8x1-3/8x1-5/8"
1615005	5/8x5/8x3/4"	1615013	1-3/8x1-3/8x2-1/8"
1615006	5/8x5/8x7/8"	1615014	1-5/8x1-5/8x2-1/8"
1615007	5/8x5/8x1-1/8"	1615015	2-1/8x2-1/8x2-5/8"
1615008	3/4x3/4x7/8"		



Stop End
Art. No.:1616

Item No.	Size	Item No.	Size
1616001	1/4"	1616008	1-1/8"
1616002	3/8"	1616009	1-3/8"
1616003	1/2"	1616010	1-5/8"
1616004	5/8"	1616011	2-1/8"
1616005	3/4"	1616012	2-5/8"
1616006	7/8"	1616013	3-1/8"
1616007	1"	1616014	4-1/8"



Cross
Art. No.:1617

Item No.	Size	Item No.	Size
1617001	5/8"	1617002	7/8"



Return Bend
Art. No.:1618

Item No.	Size	Item No.	Size
1618001	1/4"	1618006	7/8"
1618002	3/8"	1618007	1-1/8"
1618003	1/2"	1618008	1-3/8"
1618004	5/8"	1618009	1-5/8"
1618005	3/4"	1618010	2-1/8"



Female Straight Adaptor CxFTT
Art. No.:1619

Item No.	Size	Item No.	Size
1619001	1/4"	1619014	3/8x3/4"
1619002	3/8"	1619015	3/8x1/2"
1619003	1/2"	1619016	1/2x3/8"
1619004	5/8"	1619017	1/2x3/4"
1619005	3/4"	1619018	5/8x1/2"
1619006	7/8"	1619019	5/8x3/4"
1619007	1"	1619020	3/4x1/2"
1619008	1-1/8"	1619021	7/8x3/4"
1619009	1-3/8"	1619022	1-1/8x1"
1619010	1-5/8"	1619023	1-3/8x1-1/4"
1619011	1-7/8"	1619024	1-5/8x1-1/4"
1619012	2-1/8"	1619025	2-1/8x2"
1619013	1/4x3/8"		



Female Straight Adaptor FTGxFTT
Art. No.:1620

Item No.	Size	Item No.	Size
1620001	1/4"	1620014	3/8x3/4"
1620002	3/8"	1620015	3/8x1/2"
1620003	1/2"	1620016	1/2x3/8"
1620004	5/8"	1620017	1/2x3/4"
1620005	3/4"	1620018	5/8x1/2"
1620006	7/8"	1620019	5/8x3/4"
1620007	1"	1620020	3/4x1/2"
1620008	1-1/8"	1620021	7/8x3/4"
1620009	1-3/8"	1620022	1-1/8x1"
1620010	1-5/8"	1620023	1-3/8x1-1/4"
1620011	1-7/8"	1620024	1-5/8x1-1/4"
1620012	2-1/8"	1620025	2-1/8x2"
1620013	1/4x3/8"		

ACR FITTINGS



**Male Straight Adaptor
CxMPT**
Art. No.:1621

Item No.	Size	Item No.	Size
1621001	1/4"	1621014	3/8x3/4"
1621002	3/8"	1621015	3/8x1/2"
1621003	1/2"	1621016	1/2x3/8"
1621004	5/8"	1621017	1/2x3/4"
1621005	3/4"	1621018	5/8x1/2"
1621006	7/8"	1621019	5/8x3/4"
1621007	1"	1621020	3/4x1/2"
1621008	1-1/8"	1621021	7/8x3/4"
1621009	1-3/8"	1621022	1-1/8x1"
1621010	1-5/8"	1621023	1-3/8x1-1/4"
1621011	1-7/8"	1621024	1-5/8x1-1/4"
1621012	2-1/8"	1621025	2-1/8x2"
1621013	1/4x3/8"		



**Male Straight Adaptor
FTGxMPT**
Art. No.:1622

Item No.	Size	Item No.	Size
1622001	1/4"	1622009	1-3/8"
1622002	3/8"	1622010	1-5/8"
1622003	1/2"	1622011	1-7/8"
1622004	5/8"	1622012	2-1/8"
1622005	3/4"	1622013	1/2x3/8"
1622006	7/8"	1622014	5/8x3/4"
1622007	1"	1622015	3/4x1"
1622008	1-1/8"	1622016	3/4x1/2"



Copper Adaptor CxF JISH3401
Art. No.:1623

Item No.	Size	Item No.	Size
1623001	1/4"	1623004	3/4"
1623002	3/8"	1623005	1"
1623003	1/2"		



Copper Adaptor CxM JISH3401
Art. No.:1624

Item No.	Size	Item No.	Size
1624001	1/4"	1624004	3/4"
1624002	3/8"	1624005	1"
1624003	1/2"		



Back Nut
Art. No.:1625

Item No.	Size	Item No.	Size
1612501	1/2"	1612504	1-1/4"
1612502	3/4"	1612505	1-1/2"
1612503	1"	1612506	2"



Y Shape Tee
Art. No.:1626

Item No.	Size	Item No.	Size
1626001	1-2"	1626006	1-3/8"
1626002	5/8"	1626007	1-5/8"
1626003	3/4"	1626008	2-1/8"
1626004	1"	1626009	2-5/8"
1626005	1-1/8"		



Union Coupler with Copper Tail
Art. No.:1627

Item No.	Size	Item No.	Size
1627001	15x1/2"	1627004	35x1-1/4"
1627002	22x3/4"	1627005	42x1-1/2"
1627003	28x1"	1627006	54x2"



Union Coupler with Copper Tail
Art. No.:1628

Item No.	Size	Item No.	Size
1628001	15x1/2"	1628004	35x1-1/4"
1628002	22x3/4"	1628005	42x1-1/2"
1628003	28x1"	1628006	54x2"



Reduced Bush
Art. No.:1629

Item No.	Size	Item No.	Size
1629001	5/8x3/4"	1629002	7/8x3/4"



Reduced Bush
Art. No.:1630

Item No.	Size	Item No.	Size
1630001	5/8x3/4"	1630002	7/8x3/4"

ACR FITTINGS



Fitting Reducer
Art. No.:1631

Item No.	Size	Item No.	Size
1631001	15x10mm	1631003	28x22mm
1631002	22x15mm		



Distributor
Art. No.:1638

Item No.	Size	Item No.	Size
1638001	1/2"		



Distributor
Art. No.:1632

Item No.	Size	Item No.	Size
1632001	1/4"		



Distributor
Art. No.:1633

Item No.	Size	Item No.	Size
1633001	3/8"		



Refrigerator Drier Filter
Art. No.:1634

Item No.	Size	Item No.	Size
1634001	1/4"	1634003	1"
1634002	3/4"	1634004	1-1/8"



Y Shape Tee
Art. No.:1635

Item No.	Size	Item No.	Size
1635001	1/4"	1635002	5/16"



Y Shape Tee
Art. No.:1636

Item No.	Size	Item No.	Size
1636001	3/8"	1636004	7/8"
1636002	1/2"	1636005	1-1/8"
1636003	5/8"		



U Bend
Art. No.:1637

Item No.	Size	Item No.	Size
1637001	5/16"		

WATER HAMMER ARRESTORS



WATER HAMMER ARRESTORS



Mini Rester Residential
Water Hammer Arrestor Straight
Art. No.:3100



Item No.	Size
3100001	1/2" F1807 PEX
3100002	1/2" F1960 PEX
3100003	1/2" F2080 PEX
3100004	1/2" F1974 PEX
3100005	1/2" CPVC
3100006	1/2" Female Sweat



Mini Rester Residential
Water Hammer Arrestor Tee
Art. No.:3101

Item No.	Size
3101001	3/4" F x 3/4" M



Mini Rester Residential
Water Hammer Arrestor Pex Tee
Art. No.:3102

Item No.	Size
3102001	3/8" F1807 PEX
3102002	1/2" F1807 PEX
3102003	1/2" F1960 PEX
3102004	1/2" F2080 PEX
3102005	1/2" F1974 PEX



Mini Rester Residential Water
Hammer Arrestor Compression Tee
Art. No.:3103

Item No.	Size
3103001	1/4" OD Comp
3103002	3/8" OD Comp
3103003	5/8" OD Comp



Washing machine valve with
water hammer arrestor Right Handle
Art. No.:3104 R/L



Item No.	Size
3104R01	1/2" F1807 PEX x 3/4" MHT
3104R02	1/2" F1960 PEX x 3/4" MHT
3104R03	1/2" F2080 PEX x 3/4" MHT
3104R04	1/2" F1974 PEX x 3/4" MHT
3104R05	1/2" CPVC x 3/4" MHT
3104R06	1/2" Female Sweat x 3/4" MHT
3104L01	1/2" F1807 PEX x 3/4" MHT
3104L02	1/2" F1960 PEX x 3/4" MHT
3104L03	1/2" F2080 PEX x 3/4" MHT
3104L04	1/2" F1974 PEX x 3/4" MHT
3104L05	1/2" CPVC x 3/4" MHT
3104L06	1/2" Female Sweat x 3/4" MHT



Ice Maker Box Valves with water
hammer arrestor Right Handle
Art. No.:3105



Item No.	Size
3105R01	1/2" F1807 PEX x 1/4" OD Comp
3105R02	1/2" F1960 PEX x 1/4" OD Comp
3105R03	1/2" F2080 PEX x 1/4" OD Comp
3105R04	1/2" F1974 PEX x 1/4" OD Comp
3105R05	1/2" CPVC x 1/4" OD Comp
3105R06	1/2" Female Sweat x 1/4" OD Comp
3105L01	1/2" F1807 PEX x 1/4" OD Comp
3105L02	1/2" F1960 PEX x 1/4" OD Comp
3105L03	1/2" F2080 PEX x 1/4" OD Comp
3105L04	1/2" F1974 PEX x 1/4" OD Comp
3105L05	1/2" CPVC x 1/4" OD Comp
3105L06	1/2" Female Sweat x 1/4" OD Comp



Washing machine Inlet valve
Art. No.:3106



Item No.	Size
3106001	1/2" F1807 PEX x 3/4" MHT
3106002	1/2" F1960 PEX x 3/4" MHT
3106003	1/2" F2080 PEX x 3/4" MHT
3106004	1/2" F1974 PEX x 3/4" MHT
3106005	1/2" CPVC x 3/4" MHT
3106006	1/2" Female Sweat x 3/4" MHT

WATER HAMMER ARRESTORS



Ice Maker Box Valve
Art. No.:3107



Item No.	Size
3107001	1/2" F1807 PEX x 1/4" OD Comp
3107002	1/2" F1960 PEX x 1/4" OD Comp
3107003	1/2" F2080 PEX x 1/4" OD Comp
3107004	1/2" F1974 PEX x 1/4" OD Comp
3107005	1/2" CPVC x 1/4" OD Comp
3107006	1/2" Female Sweat x 1/4" OD Comp



Angle valve- Pex inlet x Compression Outlet
Art. No.:3108

Item No.	Size
3108001	1/2" F1807 PEX x 1/4" OD Comp
3108002	1/2" F1807 PEX x 3/8" OD Comp
3108003	1/2" F1960 PEX x 1/4" OD Comp
3108004	1/2" F1960 PEX x 3/8" OD Comp
3108005	1/2" F2080 PEX x 1/4" OD Comp
3108006	1/2" F2080 PEX x 3/8" OD Comp
3108007	1/2" F1974 PEX x 1/4" OD Comp
3108008	1/2" F1974 PEX x 3/8" OD Comp



Angle valve
Art. No.:3108CC

Item No.	Size
3108CC01	1/4" Comp x 1/4" Comp
3108CC02	1/4" Comp x 3/8" Comp
3108CC03	3/8" Comp x 1/4" Comp
3108CC04	3/8" Comp x 3/8" Comp
3108CC05	1/2" Comp x 3/4" Comp
3108CC06	1/2" Comp x 3/8" Comp



Angle valve
Art. No.:3108CM

Item No.	Size
3108CM01	1/2" Comp x 3/4" MHT



Angle valve
Art. No.:3108FC

Item No.	Size
3108FC01	3/8" F x 1/4" Comp
3108FC02	3/8" F x 3/8" Comp



Angle valve
Art. No.:3108FM

Item No.	Size
3108FM01	1/2" F x 3/4" MHT



Angle valve
Art. No.:3108SC

Item No.	Size
3108SC01	3/4" FTG x 1/4" Comp
3108SC02	3/4" FTG x 3/8" Comp

ACCESSORIES



- ◆ Brass and copper material optional
- ◆ EN1254-2 standard oliver available
- ◆ ASME/ANSI B16.22 standard oliver available
- ◆ Accept Customization

ACCESSORIES



Brass Oliver EN1254-2
Art. No.:2100

Item No.	Size	Item No.	Size
2100001	4mm	2100016	35mm
2100002	6mm	2100017	36mm
2100003	8mm	2100018	40mm
2100004	9.7mm	2100019	42mm
2100005	10mm	2100020	54mm
2100006	12mm	2100021	63mm
2100007	14mm	2100022	64mm
2100008	15mm	2100023	67mm
2100009	16mm	2100024	70mm
2100010	18mm	2100025	76mm
2100011	20mm	2100026	80mm
2100012	22mm	2100027	89mm
2100013	25mm	2100028	104mm
2100014	28mm	2100029	108mm
2100015	32mm		



**Brass Oliver EN1254-2
Triple Grooves**
Art. No.:2103

Item No.	Size	Item No.	Size
2103001	4mm	2103016	35mm
2103002	6mm	2103017	36mm
2103003	8mm	2103018	40mm
2103004	9.7mm	2103019	42mm
2103005	10mm	2103020	54mm
2103006	12mm	2103021	63mm
2103007	14mm	2103022	64mm
2103008	15mm	2103023	67mm
2103009	16mm	2103024	70mm
2103010	18mm	2103025	76mm
2103011	20mm	2103026	80mm
2103012	22mm	2103027	89mm
2103013	25mm	2103028	104mm
2103014	28mm	2103029	108mm
2103015	32mm		



**Brass Oliver EN1254-2
Single Groove**
Art. No.:2101

Item No.	Size	Item No.	Size
2101001	4mm	2101016	35mm
2101002	6mm	2101017	36mm
2101003	8mm	2101018	40mm
2101004	9.7mm	2101019	42mm
2101005	10mm	2101020	54mm
2101006	12mm	2101021	63mm
2101007	14mm	2101022	64mm
2101008	15mm	2101023	67mm
2101009	16mm	2101024	70mm
2101010	18mm	2101025	76mm
2101011	20mm	2101026	80mm
2101012	22mm	2101027	89mm
2101013	25mm	2101028	104mm
2101014	28mm	2101029	108mm
2101015	32mm		



**Brass Chamfered Oliver
EN1254-2**
Art. No.:2104

Item No.	Size	Item No.	Size
2104001	4mm	2104016	35mm
2104002	6mm	2104017	36mm
2104003	8mm	2104018	40mm
2104004	9.7mm	2104019	42mm
2104005	10mm	2104020	54mm
2104006	12mm	2104021	63mm
2104007	14mm	2104022	64mm
2104008	15mm	2104023	67mm
2104009	16mm	2104024	70mm
2104010	18mm	2104025	76mm
2104011	20mm	2104026	80mm
2104012	22mm	2104027	89mm
2104013	25mm	2104028	104mm
2104014	28mm	2104029	108mm
2104015	32mm		



**Brass Oliver EN1254-2
Double Grooves**
Art. No.:2102

Item No.	Size	Item No.	Size
2102001	4mm	2102016	35mm
2102002	6mm	2102017	36mm
2102003	8mm	2102018	40mm
2102004	9.7mm	2102019	42mm
2102005	10mm	2102020	54mm
2102006	12mm	2102021	63mm
2102007	14mm	2102022	64mm
2102008	15mm	2102023	67mm
2102009	16mm	2102024	70mm
2102010	18mm	2102025	76mm
2102011	20mm	2102026	80mm
2102012	22mm	2102027	89mm
2102013	25mm	2102028	104mm
2102014	28mm	2102029	108mm
2102015	32mm		



Brass Oliver ASME B16.22
Art. No.:2105

Item No.	Size	Item No.	Size
2105001	3/16"	2105007	7/8"
2105002	1/4"	2105008	1"
2105003	3/8"	2105009	1-1/4"
2105004	1/2"	2105010	1-1/2"
2105005	5/8"	2105011	2"
2105006	3/4"		

ACCESSORIES



Brass Oliver ASME B16.22
Single Groove
Art. No.:2106

Item No.	Size	Item No.	Size
2106001	3/16"	2106007	7/8"
2106002	1/4"	2106008	1"
2106003	3/8"	2106009	1-1/4"
2106004	1/2"	2106010	1-1/2"
2106005	5/8"	2106011	2"
2106006	3/4"		



Brass Oliver ASME B16.22
Double Grooves
Art. No.:2107

Item No.	Size	Item No.	Size
2107001	3/16"	2107007	7/8"
2107002	1/4"	2107008	1"
2107003	3/8"	2107009	1-1/4"
2107004	1/2"	2107010	1-1/2"
2107005	5/8"	2107011	2"
2107006	3/4"		



Brass Oliver ASME B16.22
Triple Grooves
Art. No.:2108

Item No.	Size	Item No.	Size
2108001	3/16"	2108007	7/8"
2108002	1/4"	2108008	1"
2108003	3/8"	2108009	1-1/4"
2108004	1/2"	2108010	1-1/2"
2108005	5/8"	2108011	2"
2108006	3/4"		



Brass Chamfered Oliver
ASME B16.22
Art. No.:2109

Item No.	Size	Item No.	Size
2109001	3/16"	2109007	7/8"
2109002	1/4"	2109008	1"
2109003	3/8"	2109009	1-1/4"
2109004	1/2"	2109010	1-1/2"
2109005	5/8"	2109011	2"
2109006	3/4"		



Copper Oliver EN1254-2
Art. No.:2110

Item No.	Size	Item No.	Size
2110001	4mm	2110011	20mm
2110002	6mm	2110012	22mm
2110003	8mm	2110013	25mm
2110004	9,7mm	2110014	28mm
2110005	10mm	2110015	32mm
2110006	12mm	2110016	35mm
2110007	14mm	2110017	36mm
2110008	15mm	2110018	40mm
2110009	16mm	2110019	42mm
2110010	18mm	2110020	54mm



Copper Oliver EN1254-2
Single Groove
Art. No.:2111

Item No.	Size	Item No.	Size
2111001	4mm	2111011	20mm
2111002	6mm	2111012	22mm
2111003	8mm	2111013	25mm
2111004	9,7mm	2111014	28mm
2111005	10mm	2111015	32mm
2111006	12mm	2111016	35mm
2111007	14mm	2111017	36mm
2111008	15mm	2111018	40mm
2111009	16mm	2111019	42mm
2111010	18mm	2111020	54mm



Copper Oliver EN1254-2
Double Grooves
Art. No.:2112

Item No.	Size	Item No.	Size
2112001	4mm	2112011	20mm
2112002	6mm	2112012	22mm
2112003	8mm	2112013	25mm
2112004	9,7mm	2112014	28mm
2112005	10mm	2112015	32mm
2112006	12mm	2112016	35mm
2112007	14mm	2112017	36mm
2112008	15mm	2112018	40mm
2112009	16mm	2112019	42mm
2112010	18mm	2112020	54mm

ACCESSORIES



Copper Oliver EN1254-2
Triple Grooves
Art. No.:2113

Item No.	Size	Item No.	Size
2113001	4mm	2113011	20mm
2113002	6mm	2113012	22mm
2113003	8mm	2113013	25mm
2113004	9.7mm	2113014	28mm
2113005	10mm	2113015	32mm
2113006	12mm	2113016	35mm
2113007	14mm	2113017	36mm
2113008	15mm	2113018	40mm
2113009	16mm	2113019	42mm
2113010	18mm	2113020	54mm



Copper Chamfered Oliver
EN1254-2
Art. No.:2114

Item No.	Size	Item No.	Size
2114001	4mm	2114011	20mm
2114002	6mm	2114012	22mm
2114003	8mm	2114013	25mm
2114004	9.7mm	2114014	28mm
2114005	10mm	2114015	32mm
2114006	12mm	2114016	35mm
2114007	14mm	2114017	36mm
2114008	15mm	2114018	40mm
2114009	16mm	2114019	42mm
2114010	18mm	2114020	54mm



Copper Oliver ASME B16.22
Art. No.:2115

Item No.	Size	Item No.	Size
2115001	3/16"	2115007	7/8"
2115002	1/4"	2115008	1"
2115003	3/8"	2115009	1-1/4"
2115004	1/2"	2115010	1-1/2"
2115005	5/8"	2115011	2"
2115006	3/4"		



Copper Oliver ASME B16.22
Single Groove
Art. No.:2116

Item No.	Size	Item No.	Size
2116001	3/16"	2116007	7/8"
2116002	1/4"	2116008	1"
2116003	3/8"	2116009	1-1/4"
2116004	1/2"	2116010	1-1/2"
2116005	5/8"	2116011	2"
2116006	3/4"		



Copper Oliver ASME B16.22
Double Grooves
Art. No.:2117

Item No.	Size	Item No.	Size
2117001	3/16"	2117007	7/8"
2117002	1/4"	2117008	1"
2117003	3/8"	2117009	1-1/4"
2117004	1/2"	2117010	1-1/2"
2117005	5/8"	2117011	2"
2117006	3/4"		



Copper Oliver ASME B16.22
Triple Grooves
Art. No.:2118

Item No.	Size	Item No.	Size
2118001	3/16"	2118007	7/8"
2118002	1/4"	2118008	1"
2118003	3/8"	2118009	1-1/4"
2118004	1/2"	2118010	1-1/2"
2118005	5/8"	2118011	2"
2118006	3/4"		



Copper Chamfered Oliver
ASME B16.22
Art. No.:2119

Item No.	Size	Item No.	Size
2119001	3/16"	2119007	7/8"
2119002	1/4"	2119008	1"
2119003	3/8"	2119009	1-1/4"
2119004	1/2"	2119010	1-1/2"
2119005	5/8"	2119011	2"
2119006	3/4"		



Brass Oliver with Gap
For PEX Fitting
Art. No.:2120

Item No.	Size	Item No.	Size
2120001	4mm	2120011	20mm
2120002	6mm	2120012	22mm
2120003	8mm	2120013	25mm
2120004	9.7mm	2120014	28mm
2120005	10mm	2120015	35mm
2120006	12mm	2120016	42mm
2120007	14mm	2120017	54mm
2120008	15mm	2120018	67mm
2120009	16mm	2120019	76mm
2120010	18mm	2120020	108mm

ACCESSORIES



Copper Oliver with Gap
For PEX Fitting
Art. No.:2121

Item No.	Size	Item No.	Size
2121001	4mm	2121011	20mm
2121002	6mm	2121012	22mm
2121003	8mm	2121013	25mm
2121004	9.7mm	2121014	28mm
2121005	10mm	2121015	35mm
2121006	12mm	2121016	42mm
2121007	14mm	2121017	54mm
2121008	15mm	2121018	67mm
2121009	16mm	2121019	76mm
2121010	18mm	2121020	108mm



Brass Tube Liner
Art. No.:2122

Item No.	Size	Item No.	Size
2122001	10mm	2122005	16mm
2122002	12mm	2122006	18mm
2122003	14mm	2122007	22mm
2122004	15mm	2122008	28mm



Copper Tube Liner
Art. No.:2123

Item No.	Size	Item No.	Size
2123001	10mm	2123007	22mm
2123002	12mm	2123008	28mm
2123003	14mm	2123009	35mm
2123004	15mm	2123010	42mm
2123005	16mm	2123011	54mm
2123006	18mm		



Copper Tube Liner for
Plastic Pipe
Art. No.:2124

Item No.	Size	Item No.	Size
2124001	10 PEX/PB	2124004	22 PEX/PB
2124002	15 PB	2124005	28 PB
2124003	15 PEX		



Brass Tube Liner
Art. No.:2125

Item No.	Size	Item No.	Size
2125001	15mm	2125004	35mm
2125002	22mm	2125005	42mm
2125003	28mm	2125006	54mm



45deg. Flare Fitting
Art. No.:2126

Item No.	Size	Item No.	Size
2126001	3/16"	2126004	5/8"
2126002	3/8"	2126005	3/4"
2126003	1/2"		



Copper Tube Strap
Art. No.:2127

Item No.	Size	Item No.	Size
2127001	1/4"	2127004	5/8"
2127002	3/8"	2127005	1/2"
2127003	1/2"	2127006	5/8"



Tap Connector Washer
Art. No.:2128

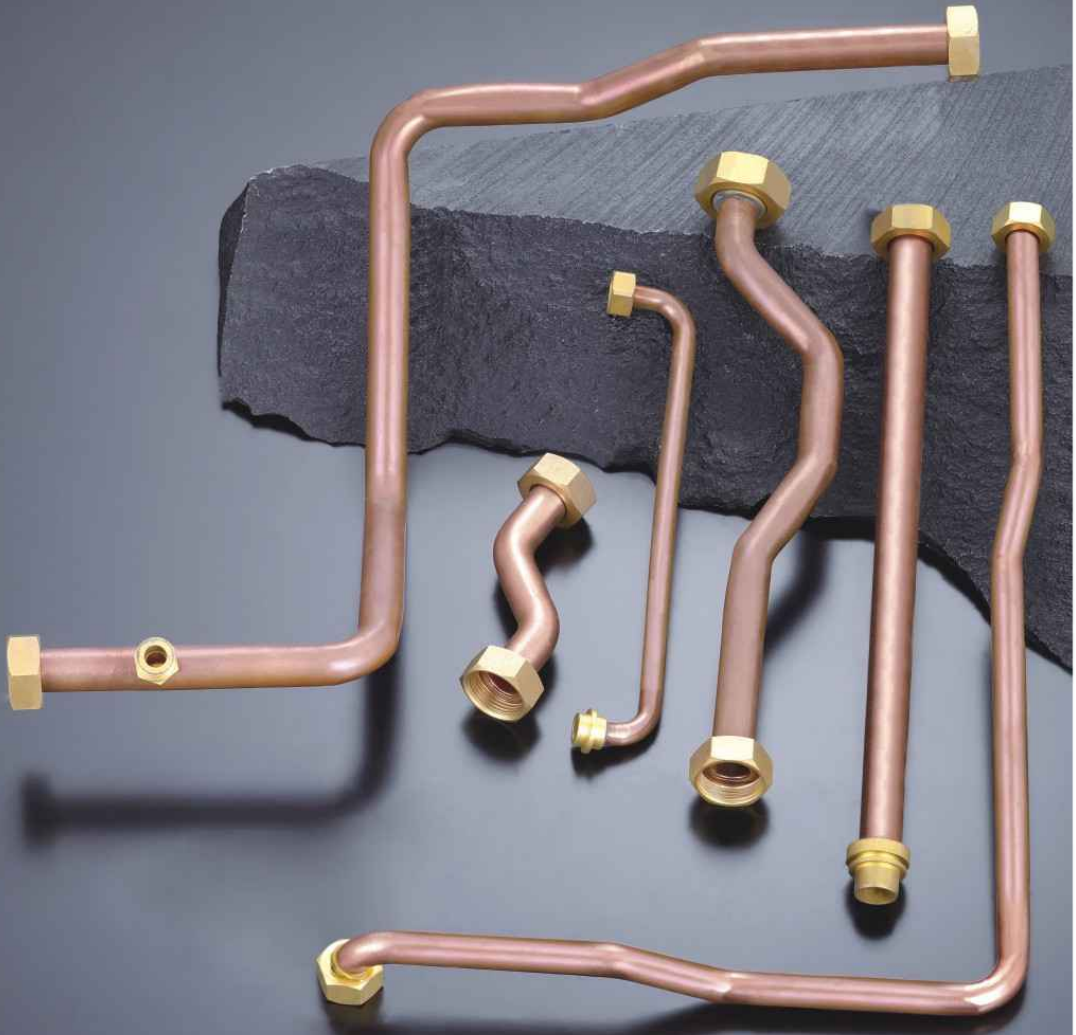
Item No.	Size	Item No.	Size
2128001	3/8"	2128003	3/4"
2128002	1/2"	2128004	1"



Rubber O Ring
Art. No.:2129

Item No.	Size	Item No.	Size
2129001	3/8"	2129003	3/4"
2129002	1/2"	2129004	1"

COPPER BENT PIPE



COPPER BENT PIPE



Double Bend - Short Pattern
Art. No.:4000

Item No.	Size	Item No.	Size
4000001	3/8"x3/8"		



Copper Bent Pipe
Art. No.:4007

Item No.	Size	Item No.	Size
4007001	3/4"M x 3/4"F		



Double U Bend Tap Connector
Art. No.:4001

Item No.	Size	Item No.	Size
4001001	3/8"x3/8"		



Copper Bent Pipe
Art. No.:4008

Item No.	Size	Item No.	Size
4008001	3/4"M x 3/4"F		



Copper Bent Pipe
Art. No.:4002

Item No.	Size	Item No.	Size
4002001	3/8"x3/8"		



Copper Bent Pipe
Art. No.:4009

Item No.	Size	Item No.	Size
4009001	3/4"x1/2"		



Copper Bent Pipe
Art. No.:4003

Item No.	Size	Item No.	Size
4003001	12"F x 1/4"M		



Copper Bent Pipe
Art. No.:4010

Item No.	Size	Item No.	Size
4010001	3/4"F x 1"F		



Copper Bent Pipe
Art. No.:4004

Item No.	Size	Item No.	Size
4004001	1/2x1/2"	4004003	1x1"
4004002	3/4x3/4"		



Copper Bent Pipe
Art. No.:4011

Item No.	Size
4011001	1/2"F x 3/8"M x 1/2"F
4011002	3/4"F x 3/8"M x 3/4"F



Copper Bent Pipe
Art. No.:4005

Item No.	Size	Item No.	Size
4005001	1/2x1/2" PEX	4005002	3/4x1/2" PEX



Copper Bent Pipe
Art. No.:4012

Item No.	Size	Item No.	Size
4012001	1/2"x1/2"	4012003	1"x1"
4012002	3/4"x3/4"		



Copper Bent Pipe
Art. No.:4006

Item No.	Size	Item No.	Size
4006001	1"x1"		

COPPER BENT PIPE



Copper Bent Pipe
Art. No.:4013

Item No.	Size	Item No.	Size
4013001	1/2"x1/2"	4013003	1"x1"
4013002	3/4"x3/4"		



Stub Out for Solar System
Art. No.:4014

Item No.	Size	Item No.	Size
4014001	1/2"		



L Connect Pipe
Art. No.:4015

Item No.	Size	Item No.	Size
4015001	15mm		



Copper Bent Pipe
Art. No.:4016

Item No.	Size	Item No.	Size
4016001	15mm	4016003	28mm
4016002	22mm		



Copper Bent Pipe
Art. No.:4017

Item No.	Size	Item No.	Size
4017001	15mm	4016003	28mm
4017002	22mm		



Copper Spin Closed Three
Way Manifold
Art. No.:4018

Item No.	Size	Item No.	Size
4018001	1/2"x1/2"x1/2"		



Copper Three Way Manifold
Art. No.:4019

Item No.	Size	Item No.	Size
4019001	1/2"x1/2"x1/2"		



Copper pipe for Fire System
Art. No.:4020

Item No.	Size	Item No.	Size
4020001	22mm	4020002	28mm



Copper Heater
Art. No.:4021

Item No.	Size	Item No.	Size
4021001	3/4"x1"		



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