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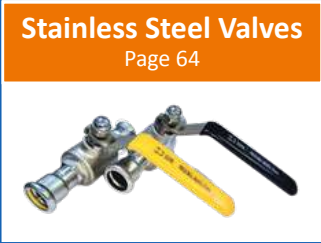
M-Press Press Fittings & Pipe

Stainless Steel 304 & 316 | Copper | Carbon

2025 CATALOGUE



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The Professionals Choice!

At M-Press Fittings Ltd we are one of the UK's top distributors for press fittings and pipe. Now stocking most major suppliers. Our fittings are becoming increasingly popular within the domestic and commercial markets and we have a dedicated projects team in house to help your projects run smoothly.

We stock a comprehensive range of press fittings and pipe that are all fully approved, backed by the longest guarantees in the industry and supported by our 24/7 technical back up.

Our comprehensive range adheres to the most stringent safety standards which is backed by an experienced fully certified team for your peace of mind.

We stock M-profile press fittings in Copper from sizes 15mm to 108mm. These are suitable for general hot and cold-water (systems), potable water, gas, and solar thermal heating. Our Copper range also includes the WaterGas fitting which is fitted with a superior HNBR O-ring that can be used on both water and gas systems. This is a popular range amongst the installers as it removes the need to carry two types of fittings.

Our commercial range includes our Carbon fittings and pipe from 15mm to 108mm and our Stainless Steel 304 & 316 fittings and pipe from sizes 15mm up to 168.3mm.

We have committed to increasing our stock holding and this has doubled over the last two years to ensure continued supply.

Our products are WRAS and DVGW approved (where applicable), meaning they are suitable for a multitude of jobs across all sectors of the plumbing and heating industry.

We pride ourselves on an experienced sales team with over 100 years spent working in the plumbing and mechanical engineering industries so you can be safe in the knowledge you are in expert hands.

Training

At M-Press we place a big emphasis on the importance of thorough and effective training to enable you to install our systems correctly and safely. The training covers all aspects of press fittings from the pipe preparation through to understanding and maintaining the press tooling and accessories. We'll cover all of the sizes or we can tailor this to suit you. Certificates are issued upon completion and our courses can be held anywhere that is convenient for you. Please contact us for more information or to book a training course.

HNBR



Seal Definition	HNBR - Hydrogenated Nitrile Butadiene Rubber
Sizes	15-54mm
Pressure	5bar (gas), 16bar (water)
Min Temp	-30degC (gas), -30degC (water)
Max Temp	70degC (gas), 150degC (water)
Warranty (Years)	50 Years (against manufacturers defects)
Specification	WRAS, DVGW G260, G262, IGEM (see M-Press Specification)
Formed	CW024A according to EN1254
Threaded	CC499K according to EN1282
Pipe (distributor supplied)	EN1057



Applications

Domestic HWS / CWS
 Potable Water Services
 Flammable Gases (DVGW G260, G262)

Application Services

Heating & Cold Water Services
 Drinking Water
 H2 Ready (Hydrogen)
 LPG & Natural Gas

Straight Coupling

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15x15	990001515	150	10
22x22	990002222	80	10
28x28	990002828	50	10
35x35	990003535	24	4
42x42	990004242	20	2
54x54	990005454	12	2



Slip Coupling

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15x15	990401515	100	10
22x22	990402222	50	10
28x28	990402828	30	10
35x35	990403535	20	10
42x42	990404242	12	4
54x54	990405454	8	4



Bend 90°

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15x15	992001515	120	10
22x22	992002222	50	10
28x28	992002828	30	5
35x35	992003535	12	2
42x42	992004242	8	2
54x54	992005454	6	2



Bend 90° Ø

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15x15	992101515	120	10
22x22	992102222	50	10
28x28	992102828	30	5
35x35	992103535	12	2
42x42	992104242	8	2
54x54	992105454	6	2



Bend 45°

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15x15	992301515	120	10
22x22	992302222	60	10
28x28	992302828	30	5



Bend 45° Ø

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15x15	992401515	120	10
22x22	992402222	60	10
28x28	992402828	30	5
35x35	992403535	20	4
42x42	992404242	12	2
54x54	992405454	6	2



Straight Male Adapter

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	9901015012	150	10
22 x 3/4"	9901022034	80	10
28 x 1"	9901028100	50	10
35 x 1 1/4"	9901035114	24	4
42 x 1 1/2"	9901042112	20	4
54 x 2"	9901054200	10	2



Straight Female Adapter

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	9902015012	120	10
22 x 3/4"	9902022034	80	10
28 x 1"	9902028100	50	10
35 x 1 1/4"	9902035114	24	4
42 x 1 1/2"	9902042112	20	4
54 x 2"	9902054200	10	2



Straight Reducer

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22x15	990302215	100	10
28x22	990302822	50	10



Socket Reducer Ø

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22x15	994302215	120	10
28x15	994302815	80	10
28x22	994302822	60	10
35x22	994303522	40	10
35x28	994303528	36	4
42x28	994304228	24	4
42x35	994304235	24	4
54x35	994305435	12	2
54x42	994305442	12	2



Endcap

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15	9941015	60	10
22	9941022	50	10
28	9941028	40	10



Equal Tee

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15x15x15	99100151515	80	10
22x22x22	99100222222	40	10
28x28x28	99100282828	24	4
35x35x35	99100353535	12	2
42x42x42	99100424242	8	2
54x54x54	99100545454	4	1



Reducing Tee

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22x15x22	99110221522	40	10
28x15x28	99110281528	30	10
28x22x28	99110282228	30	10
35x22x35	99110352235	16	4
35x28x35	99110352835	16	4
42x22x42	99110422242	12	4
42x28x42	99110422842	12	4
42x35x42	99110423542	10	2
54x22x54	99110542254	6	1
54x28x54	99110542854	6	1
54x35x54	99110543554	6	1
54x42x54	99110544254	6	1



Reducing Tee (End)

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22x15x15	99115221515	40	10
22x22x15	99115222215	40	10
28x22x22	99115282222	20	5
28x28x22	99115282822	20	5



Copper-Press Fittings

EPDM



Seal Definition	EPDM - Ethylene Propylene Diene Monomer
Sizes	15mm - 108mm
Pressure	16 bar
Min Temp	-30degC
Max Temp	120degC
Warranty (Years)	50 Years (against manufacturers defects)
Specification	WRAS
Formed	CW024A according to EN1254
Threaded	CC499K according to EN1282
Pipe (distributor supplied)	EN1057



Applications

Potable Water Services
Hydronic Heating
Compressed Air
BCWS (Boosted Cold Water Services)
Chilled Water Applications
Purified Water

Application Services

Drinking Water
HWS & Domestic Heating
Compressed Air (<25mg/M3 Compressor Oils)
BCWS and Risers
Cooling Water (chilled Water) with Glycol <50% concentration
Grey Water
Low Pressure Steam Condensate

Straight Coupling

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15x15	680001515	150	10
22x22	680002222	80	10
28x28	680002828	50	10
35x35	680003535	24	4
42x42	680004242	20	2
54x54	680005454	12	2
66.7x66.7	680006666	3	1
76.1x76.1	680007676	3	1
108x108	6800108108	1	1



Slip Coupling

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15x15	680401515	100	10
22x22	680402222	50	10
28x28	680402828	30	10
35x35	680403535	20	10
42x42	680404242	12	4
54x54	680405454	8	4



Bend 90°

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15x15	682001515	120	10
22x22	682002222	50	10
28x28	682002828	30	5
35x35	682003535	12	4
42x42	682004242	8	2
54x54	682005454	6	2
66.7x66.7	682006666	2	1
76.1x76.1	682007676	2	1
108x108	6820108108	1	1



Bend 90°Ø

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15x15	682101515	120	10
22x22	682102222	50	10
28x28	682102828	30	5
35x35	682103535	12	2
42x42	682104242	8	2
54x54	682105454	6	2
66.7x66.7	682106666	2	1
76.1x76.1	682107676	2	1
108x108	6821108108	1	1



Bend 90° Female

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	6832015012	80	10
22 x 3/4"	6832022034	40	10
28 x 1"	6832028100	30	10



Bend 90° Male

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	6831015012	80	10
22 x 3/4"	6831022034	40	10
28 x 1"	6831028100	24	4



Bend 45°

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15x15	682301515	120	10
22x22	682302222	60	10
28x28	682302828	30	5
35x35	682303535	20	4
42x42	682304242	12	2
54x54	682305454	6	2
66.7x66.7	682306666	2	1
76.1x76.1	682307676	2	1
108x108	6823108108	1	1



Bend 45° Ø

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15x15	682401515	120	10
22x22	682402222	60	10
28x28	682402828	30	5
35x35	682403535	20	4
42x42	682404242	12	2
54x54	682405454	6	2
66.7x66.7	682406666	2	1
76.1x76.1	682407676	2	1
108x108	6824108108	1	1



Straight Male Adapter

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	6801015012	150	10
15 x 3/4"	6801015034	100	10
22 x 1/2"	6801022012	100	10
22 x 3/4"	6801022034	80	10
22 x 1"	6801022100	50	10
28 x 3/4"	6801028034	50	10
28 x 1"	6801028100	50	10
35 x 1"	6802035100	50	10
35 x 1 1/4"	6801035114	24	4
42 x 1 1/2 "	6801042112	20	4
54 x 2"	6801054200	10	2
66.7 x 2 1/2"	6801066212	2	1
76.1 x 3"	6801076300	2	1



Straight Female Adapter

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	6802015012	120	10
15 x 3/4"	6802015034	80	10
22 x 1/2"	6802022012	100	10
22 x 3/4"	6802022034	80	10
22 x 1"	6802022100	50	10
28 x 3/4"	6802028034	50	10
28 x 1"	6802028100	50	10
35 x 1 1/4"	6802035114	24	4
42 x 1 1/2 "	6802042112	20	4
54 x 2"	6802054200	10	2



Straight Reducer

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22x15	680302215	100	120
28x22	680302822	50	60



Endcap

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15	6841015	60	10
22	6841022	50	10
28	6841028	40	10
35	6841035	60	5
42	6841042	50	5
54	6841054	25	5
66.7	6841066	10	1



Wallplate

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	6834015012	50	10



Socket Reducer

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22x15	684302215	120	10
28x15	684302815	80	10
28x22	684302822	60	10
35x22	684303522	40	10
35x28	684303528	36	4
42x22	684304222	24	4
42x28	684304228	24	4
42x35	684304235	24	4
54x35	684305435	12	2
54x42	684305442	12	2
66.7x28	684306628	3	1
66.7x35	684306635	3	1
66.7x42	684306642	3	1
66.7x54	684306654	3	1
76.1x35	684307635	3	1
76.1x42	684307642	3	1
76.1x54	684307654	3	1
76.1x66.7	684307666	3	1
108x66.7	684310866	1	1
108x76.1	684310876	1	1



Equal Tee

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15 x 15	68100151515	80	10
22 x 22 x 22	68100222222	40	10
28 x 28 x 28	68100282828	24	4
35 x 35 x 35	68100353535	12	2
42 x 42 x 42	68100424242	8	2
54 x 54 x 54	68100545454	4	1
66.7 x 66.7 x 66.7	68100666666	2	1
76.1 x 76.1 x 76.1	68100767676	1	1
108x108x108	6810108108108	1	1



Reducing Tee

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22 x 15 x 22	68110221522	40	10
28 x 15 x 28	68110281528	30	10
28 x 22 x 28	68110282228	20	5
35 x 15 x 35	68110351535	16	4
35 x 22 x 35	68110352235	16	4
35 x 28 x 35	68110352835	16	4
42 x 15 x 42	68110421542	12	4
42 x 22 x 42	68110422242	12	4
42 x 28 x 42	68110422842	12	4
42 x 35 x 42	68110423542	10	2
54 x 22 x 54	68110542254	6	1
54 x 28 x 54	68110542854	6	1
54 x 35 x 54	68110543554	6	1
54 x 42 x 54	68110544254	6	1
66.7 x 28 x 66.7	68110662866	2	1
66.7 x 35 x 66.7	68110663566	2	1
66.7 x 42 x 66.7	68110664266	2	1
66.7 x 54 x 66.7	68110665466	2	1
76.1 x 22 x 76.1	68110762276	1	1
76.1 x 28 x 76.1	68110762876	1	1
76.1 x 35 x 76.1	68110763576	1	1
76.1 x 42 x 76.1	68110764276	1	1
76.1 x 54 x 76.1	68110765476	1	1
76.1 x 66.7 x 76.1	68110766676	1	1
108 x 76.1 x 108	6811010876108	1	1



Female Tee

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2" x 15	68120151215	60	10
22 x 1/2" x 22	68120221222	40	10
22 x 3/4" x 22	68120223422	30	10
28 x 1/2" x 28	68120281228	30	10
28 x 3/4" x 28	68120283428	20	4
35 x 1/2" x 35	68120351235	16	4
42 x 1/2" x 42	68120421242	10	2
54 x 1/2" x 54	68120541254	6	1



Reducing Tee (End)

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22 x 15 x 15	68112221515	40	10
22 x 22 x 15	6811222215	40	10
28 x 22 x 22	6811282222	20	5
28 x 28 x 22	6811282822	30	10



Tap Connector

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	6807015012	50	10
15 x 3/4"	6807015034	50	10
22 x 3/4"	6807022034	50	10
22 x 1"	6807022100	20	10
28 x 11/4"	6807028114	20	5
35 x 11/2"	6807035112	20	5



Male Copper Union

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	6808015012	50	10
22 x 3/4"	6808022034	40	10
28 x 1"	6808028100	20	2
35 x 1 1/4"	6808035114	20	2
42 x 1 1/2"	6808042112	12	2
54 x 2"	6808054200	8	2



Female Copper Union

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	6809015012	50	10
22 x 3/4"	6809022034	40	10
28 x 1"	6809028100	20	2
35 x 1 1/4"	6809035114	20	2
42 x 1 1/2"	6809042112	12	2
54 x 2"	6809054200	8	2



Copper Union

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15x15	680911515	50	10
22x22	680912222	40	10
28x28	680912828	20	2
35x35	680913535	20	2
42x42	680914242	12	2
54x54	680915454	8	2



Female Adapter Insert

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	6846015012	120	10
22 x 3/4"	6846022034	80	10



Flange

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
66.7 PN16 DN65 Bi-metal flange (4 holes)	6840066	6	1
76.1 PN16 DN80 Bi-metal flange (8 holes)	6840076	6	1
108 PN16 DN100 Bi-metal flange (8 holes)	6840108	6	1



Copper Gas

HNBR



Seal Definition	HNBR - Hydrogenated Nitrile Butadiene Rubber
Sizes	15mm - 108mm
Pressure	16 bar (5 bar for Natural Gases)
Min Temp	-30degC
Max Temp	70degC
Warranty (Years)	50 Years (against manufacturers defects)
Specification	BSI BS EN 1254-7
Formed	CW024A according to EN1254
Threaded	CC499K according to EN1282
Pipe (distributor supplied)	EN1057



Applications

Offshore
Low Pressure Hydraulic Systems
HWS
Flammable Gases (DVGW G260, G262)
Inert Gases*

Application Services

Methane Gas
Low Pressure Hydraulic Systems
Domestic Heating Services
Natural Gas & LPG
*Helium, Neon, Argon, Krypton, Xenon, Radon
H2 Ready (Hydrogen)

Straight Coupling

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15x15	790001515	150	10
22x22	790002222	80	10
28x28	790002828	50	10
35x35	790003535	24	4
42x42	790004242	20	2
54x54	790005454	12	2
66.7x66.7	790006666	12	1
76.1x76.1	790007676	3	1
108x108	7900108108	1	1



Slip Coupling

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15x15	790401515	100	10
22x22	790402222	50	10
28x28	790402828	30	10
35x35	790403535	20	10
42x42	790404242	12	4
54x54	790405454	8	4



Bend 90°

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15x15	792001515	120	10
22x22	792002222	50	10
28x28	792002828	30	5
35x35	792003535	12	4
42x42	792004242	8	2
54x54	792005454	6	2
66.7x66.7	792006666	6	1
76.1x76.1	792007676	2	1
108x108	7920108108	1	1



Bend 90°Ø

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15x15	792101515	120	10
22x22	792102222	50	10
28x28	792102828	30	5
35x35	792103535	12	2
42x42	792104242	8	2
54x54	792105454	6	2
66.7x66.7	792106666	6	1
76.1x76.1	792107676	6	1
108x108	7921108108	1	1



Bend 90° Female

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	7932015012	80	10
22 x 3/4"	7932022034	40	10
28 x 1"	7932028100	30	10



Bend 90° Male

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	7931015012	80	10
22 x 3/4"	7931022034	40	10
28 x 1"	7931028100	24	4





Bend 45°

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15x15	792301515	120	10
22x22	792302222	60	10
28x28	792302828	30	5
35x35	792303535	20	4
42x42	792304242	12	2
54x54	792305454	6	2
66.7x66.7	792306666	6	1
76.1x76.1	792307676	2	1
108x108	7923108108	1	1



Bend 45° Ø

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15x15	792401515	120	10
22x22	792402222	60	10
28x28	792402828	30	5
35x35	792403535	20	4
42x42	792404242	12	2
54x54	792405454	6	2
66.7x66.7	792406666	6	1
76.1x76.1	792407676	2	1
108x108	7924108108	1	1



Straight Male Adapter

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	7901015012	150	10
15 x 3/4"	7901015034	100	10
22 x 1/2"	7901022012	100	10
22 x 3/4"	7901022034	80	10
22 x 1"	7901022100	50	10
28 x 3/4"	7901028034	50	10
28 x 1"	7901028100	50	10
35 x 1"	7901035100	24	4
35 x 1 1/4"	7901035114	24	4
42 x 1 1/2"	7901042112	20	4
54 x 2"	7901054200	10	2
66.7x2 1/2"	7901066212	12	2
76.1x3"	7901076300	3	1



Straight Female Adapter

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	7902015012	120	10
15 x 3/4"	7902015034	80	10
22 x 1/2"	7902022012	100	10
22 x 3/4"	7902022034	80	10
22 x 1"	7902022100	50	10
28 x 3/4"	7902028034	50	10
28 x 1"	7902028100	50	10
35 x 1 1/4"	7902035114	24	4
42 x 1 1/2"	7902042112	20	4
54 x 2"	7902054200	10	2



Male Copper Union

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	7908015012	50	10
22 x 3/4"	7908022034	40	10
28 x 1"	7908028100	20	2
35 x 1 1/4"	7908035114	20	2
42 x 1 1/2"	7908042112	12	2
54 x 2"	7908054200	8	2



Female Copper Union

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	7909015012	50	10
22 x 3/4"	7909022034	40	10
28 x 1"	7909028100	20	2
35 x 1 1/4"	7909035114	20	2
42 x 1 1/2"	7909042112	12	2
54 x 2"	7909054200	8	2



Copper Union

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15x15	7909115012	50	10
22x22	7909122034	40	10
28x28	7909128100	20	2
35x35	7909135114	20	2
42x42	7909142112	12	2
54x54	7909154200	8	2



Straight Reducer

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22x15	790302215	100	10
28x22	790302822	60	10





Endcap

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15	7941015	60	10
22	7941022	50	10
28	7941028	40	10
35	7941035	60	5
42	7941042	50	5
54	7941054	25	5
66.7	7941066	10	1



Wallplate

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	7934015012	50	10



Socket Reducer

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22x15	794302215	120	10
28x15	794302815	80	10
28x22	794302822	60	10
35x22	794303522	40	10
35x28	794303528	36	4
42x22	794304222	24	4
42x28	794304228	24	4
42x35	794304235	24	4
54x35	794305435	12	2
54x42	794305442	12	2
66.7x28	794306628	12	1
66.7x35	794306635	12	1
66.7x42	794306642	12	1
66.7x54	794306654	12	1
76.1x35	794307635	3	1
76.1x42	794307642	3	1
76.1x54	794307654	3	1
76.1x66.7	794307666	3	1
108 x 66.7	794310866	1	1
108 x 76.1	794310876	1	1



Reducing Tee (End)

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22 x 15 x 15	7911221515	40	10
22 x 22 x 15	7911222215	40	10
28 x 22 x 22	7911282222	20	5
28 x 28 x 22	7911282822	30	10



Reducing Tee

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22 x 15 x 22	79110221522	40	10
28 x 15 x 28	79110281528	30	10
28 x 22 x 28	79110282228	30	10
35 x 15 x 35	79110351535	16	4
35 x 22 x 35	79110352235	16	4
35 x 28 x 35	79110352835	16	4
42 x 15 x 42	79110421542	12	4
42 x 22 x 42	79110422242	12	4
42 x 28 x 42	79110422842	12	4
42 x 35 x 42	79110423542	10	2
54 x 22 x 54	79110542254	6	1
54 x 28 x 54	79110542854	6	1
54 x 35 x 54	79110543554	6	1
54 x 42 x 54	79110544254	6	1
66.7 x 28 x 66.7	79110662866	2	1
66.7 x 35 x 66.7	79110663566	2	1
66.7 x 42 x 66.7	79110664266	2	1
66.7 x 54 x 66.7	79110665466	2	1
76.1 x 22 x 76.1	79110762276	1	1
76.1 x 28 x 76.1	79110762876	1	1
76.1 x 35 x 76.1	79110763576	1	1
76.1 x 42 x 76.1	79110764276	1	1
76.1 x 54 x 76.1	79110765476	1	1
76.1 x 66.7 x 76.1	79110766676	1	1
108 x 76.1 x 108	7911010876108	1	1



Equal Tee

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15x15x15	79100151515	80	10
22x22x22	79100222222	40	10
28x28x28	79100282828	24	4
35x35x35	79100353535	12	2
42x42x42	79100424242	8	2
54x54x54	79100545454	4	1
66.7x66.7	79100666666	4	1
76.1x76.1	79100767676	4	1
108x108x108	7910108108108	4	1



Female Tee

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2" x 15	79120151215	60	10
22 x 3/4" x 22	79120223422	30	10
22 x 1/2" x 22	79120221222	40	10
28 x 3/4" x 28	79120283428	20	4
28 x 1/2" x 28	79120281228	30	10
35 x 1/2" x 35	79120351235	16	4
42 x 1/2" x 42	79120421242	10	2
54 x 1/2" x 54	79120541254	6	1



Flange

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
66.7 PN16 DN65 Bi-metal flange (4 holes)	7940066	6	1
76.1 PN16 DN80 Bi-metal flange (8 holes)	7940076	6	1
108 PN16 DN100 Bi-metal flange (8 holes)	7940108	6	1



Copper - FKM (Industry)

(Solar / High Temp / Compressed Air / Industrial Heating)

FKM

Seal Definition	Fluoro-Elastomer (Viton)
Sizes	15mm - 108mm
Pressure	16bar
Min Temp	-30degC
Max Temp	205degC
Warranty (Years)	50 Years (against manufacturers defects)
Specification	N/A
Formed	CW024A according to EN1254
Threaded	CC499K according to EN1282
Pipe (distributor supplied)	EN1057



Applications

Domestic & Commercial Solar Thermal Heating
Domestic & Commercial Heating Systems
Commercial Steam Condensate
Industrial Compressed Air
Acidic Transportation (non-oxidizing acids)
Hydraulic Applications
Oil & Fuel
Natural Gas

Application Services

High Temperature Heating / HWS
Commercial Warehouse/Large Area Heating Systems
Low Pressure Low Temperature Steam Condensate (7bar max / 120deg C)
Industrial Compressed Air (>25mg/M3 compressor oils)
Acid Solutions (hydrochloric, sulphuric)
Hydraulic Oil
Heavy Oil and Fuel Transportation (Kerosene, Paraffin, Diesel)
Natural Gas

Straight Coupling

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15x15	880001515	150	10
22x22	880002222	80	10
28x28	880002828	50	10
35x35	880003535	24	4
42x42	880004242	20	2
54x54	880005454	12	2
66.7x66.7	880006666	3	1
76.1x76.1	880007676	3	1
108x108	8800108108	1	1



Slip Coupling

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15x15	880401515	100	10
22x22	880402222	50	10
28x28	880402828	30	10
35x35	880403535	10	10
42x42	880404242	12	4
54x54	880405454	8	4



Bend 90°

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15x15	882001515	120	10
22x22	882002222	50	10
28x28	882002828	30	5
35x35	882003535	12	4
42x42	882004242	8	2
54x54	882005454	6	2
66.7x66.7	882006666	2	1
76.1x76.1	882007676	2	1
108x108	8820108108	1	1



Bend 90°Ø

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15x15	882101515	120	10
22x22	882102222	50	10
28x28	882102828	30	5
35x35	882103535	12	2
42x42	882104242	8	2
54x54	882105454	6	2
66.7x66.7	882106666	2	1
76.1x76.1	882107676	2	1
108x108	8821108108	1	1



Copper - FKM (Industry)



(Solar / High Temp / Compressed Air / Industrial Heating)

Bend 90° Female

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	8832015012	80	10
22 x 3/4"	8832022034	40	10
28 x 1"	8832028100	30	10



Bend 90° Male

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	8831015012	80	10
22 x 3/4"	8831022034	40	10
28 x 1"	8831028100	24	4



Bend 45°

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15x15	882301515	120	10
22x22	882302222	60	10
28x28	882302828	30	5
35x35	882303535	20	4
42x42	882304242	12	2
54x54	882305454	6	2
66.7x66.7	882306666	2	1
76.1x76.1	882307676	2	1
108x108	8823108108	1	1



Bend 45° Ø

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15x15	882401515	120	10
22x22	882402222	60	10
28x28	882402828	30	5
35x35	882403535	20	4
42x42	882404242	12	2
54x54	882405454	6	2
66.7x66.7	882406666	2	1
76.1x76.1	882407676	2	1
108x108	8824108108	1	1



Straight Male Adapter

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	8801015012	150	10
15 x 3/4"	8801015034	100	10
22 x 1/2"	8801022012	100	10
22 x 3/4"	8801022034	80	10
22 x 1"	8801022100	50	10
28 x 3/4"	8801028034	50	10
28 x 1"	8801028100	50	10
35 x 1"	8801035100	24	4
35 x 1 1/4"	8801035114	24	4
42 x 1 1/2 "	8801042112	20	4
54 x 2"	8801054200	10	2
66.7 x 2 1/2"	8801066212	2	1
76.1 x 3"	8801076300	1	1



Straight Female Adapter

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	8802015012	120	10
15 x 3/4"	8802015034	80	10
22 x 1/2"	8802022012	100	10
22 x 3/4"	8802022034	80	10
22 x 1"	8802022100	50	10
28 x 3/4"	8802028034	50	10
28 x 1"	8802028100	50	10
35 x 1 1/4"	8802035114	24	4
42 x 1 1/2 "	8802042112	20	4
54 x 2"	8802054200	10	2



Wallplate

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	8834015012	50	10



Flange

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
66.7 PN16 DN65 Bi-metal flange (4 holes)	8840066	6	1
76.1 PN16 DN80 Bi-metal flange (8 holes)	8840076	6	1
108 PN16 DN100 Bi-metal flange (8 holes)	8840108	4	1



Endcap

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15	8841015	60	10
22	8841022	50	10
28	8841028	40	10
35	8841035	60	5
42	8841042	50	5
54	8841054	25	5
66.7	8841066	10	1



Male Copper Union

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	8808015012	50	10
22 x 3/4"	8808022034	40	10
28 x 1"	8808028100	20	2
35 x 1 1/4"	8808035114	20	2
42 x 1 1/2"	8808042112	12	2
54 x 2"	8808054200	8	2



Copper - FKM (Industry)

(Solar / High Temp / Compressed Air / Industrial Heating)

Female Copper Union

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	8809015012	50	10
22 x 3/4"	8809022034	40	10
28 x 1"	8809028100	20	2
35 x 1 1/4"	8809035114	20	2
42 x 1 1/2"	8809042112	12	2
54 x 2"	8809054200	8	2



Copper Union

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15x15	8809115012	50	10
22x22	8809122034	40	10
28x28	8809128100	20	2
35x35	8809135114	20	2
42x42	8809142112	12	2
54x54	8809154200	8	2



Reducing Tee (End)

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22 x 15 x 15	8811221515	40	10
22 x 22 x 15	8811222215	40	10
28 x 22 x 22	8811282222	20	5
28 x 28 x 22	8811282822	30	10



Straight Reducer

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22x15	880302215	120	10
28x22	880302822	60	10



Equal Tee

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15 x 15	88100151515	80	10
22 x 22 x 22	88100222222	40	10
28 x 28 x 28	88100282828	24	4
35 x 35 x 35	88100353535	12	2
42 x 42 x 42	88100424242	8	2
54 x 54 x 54	88100545454	4	1
66.7 x 66.7 x 66.7	88100666666	2	1
76.1 x 76.1 x 76.1	88100767676	1	1
108x108x108	8810108108108	1	1



Female Tee

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2" x 15	88120151215	60	10
22 x 1/2" x 22	88120221222	40	10
22 x 3/4" x 22	88120223422	30	10
28 x 1/2" x 28	88120281228	30	10
28 x 3/4" x 28	88120283428	20	4
35 x 1/2" x 35	88120351235	16	4
42 x 1/2" x 42	88120421242	10	2
54 x 1/2" x 54	88120541254	6	1



Socket Reducer

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22x15	884302215	120	10
28x15	884302815	80	10
28x22	884302822	60	10
35x22	884303522	40	10
35x28	884303528	36	4
42x22	884304222	24	4
42x28	884304228	24	4
42x35	884304235	24	4
54x35	884305435	12	2
54x42	884305442	12	2
66.7x28	884306628	3	1
66.7x35	884306635	3	1
66.7x42	884306642	3	1
66.7x54	884306654	3	1
76.1x35	884307635	3	1
76.1x42	884307642	3	1
76.1x54	884307654	3	1
76.1x66.7	884307666	3	1
108 x 66.7	884310866	1	1
108 x 76.1	884310876	1	1



Reducing Tee

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22 x 15 x 22	88110221522	40	10
28 x 15 x 28	88110281528	30	10
28 x 22 x 28	88110282228	30	10
35 x 15 x 35	88110351535	16	4
35 x 22 x 35	88110352235	16	4
35 x 28 x 35	88110352835	16	4
42 x 15 x 42	88110421542	12	4
42 x 22 x 42	88110422242	12	4
42 x 28 x 42	88110422842	12	4
42 x 35 x 42	88110423542	10	2
54 x 22 x 54	88110542254	6	1
54 x 28 x 54	88110542854	6	1
54 x 35 x 54	88110543554	6	1
54 x 42 x 54	88110544254	6	1
66.7 x 28 x 66.7	88110662866	2	1
66.7 x 35 x 66.7	88110663566	2	1
66.7 x 42 x 66.7	88110664266	2	1
66.7 x 54 x 66.7	88110665466	2	1
76.1 x 22 x 76.1	88110762276	1	1
76.1 x 28 x 76.1	88110762876	1	1
76.1 x 35 x 76.1	88110763576	1	1
76.1 x 42 x 76.1	88110764276	1	1
76.1 x 54 x 76.1	88110765476	1	1
76.1 x 66.7 x 76.1	88110766676	1	1
108 x 76.1 x 108	8811010876108	1	1



Copper Steam

Aflas Steam

Seal Definition	FEPM - Fluoro-Elastomer Polypropylene Monomer
Sizes	15mm - 54mm
Pressure	7 bar
Min Temp	-10degC
Max Temp	170degC Steam (200degC other applications)
Warranty (Years)	10 Years (against manufacturers defects)
Specification	N/A
Formed	CW024A according to EN1254
Threaded	CC499K according to EN1282
Pipe (distributor supplied)	EN1057



Applications

Commercial Laundries
 Commercial Plantrooms
 Commercial District Heating Systems
 Commercial Condensate Lines
 ** Please contact the office for other applications

Application Services

Steam release, storage & transportation
 ** Please contact the office for other applications

Straight Coupling

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15x15	660001515	150	10
22x22	660002222	80	10
28x28	660002828	50	10
35x35	660003535	24	4
42x42	660004242	20	2
54x54	660005454	12	2



Slip Coupling

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15x15	660401515	100	10
22x22	660402222	50	10
28x28	660402828	30	10
35x35	660403535	10	10
42x42	660404242	12	4
54x54	660405454	8	4



Bend 90°

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15x15	662001515	120	10
22x22	662002222	50	10
28x28	662002828	30	5
35x35	662003535	12	4
42x42	662004242	8	2
54x54	662005454	6	2



Bend 90°Ø

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15x15	662101515	120	10
22x22	662102222	50	10
28x28	662102828	30	5
35x35	662103535	12	2
42x42	662104242	8	2
54x54	662105454	6	2



Bend 90° Female

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	6632015012	80	10
22 x 3/4"	6632022034	40	10
28 x 1"	6632028100	30	10



Bend 90° Male

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	6631015012	80	10
22 x 3/4"	6631022034	40	10
28 x 1"	6631028100	24	4



Bend 45°

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15x15	662301515	120	10
22x22	662302222	60	10
28x28	662302828	30	5
35x35	662303535	20	4
42x42	662304242	12	2
54x54	662305454	6	2



Bend 45° Ø

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15x15	662401515	120	10
22x22	662402222	60	10
28x28	662402828	30	5
35x35	662403535	20	4
42x42	662404242	12	2
54x54	662405454	6	2



Straight Male Adapter

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	6601015012	150	10
15 x 3/4"	6601015034	100	10
22 x 1/2"	6601022012	100	10
22 x 3/4"	6601022034	80	10
22 x 1"	6601022100	50	10
28 x 3/4"	6601028034	50	10
28 x 1"	6601028100	50	10
35 x 1"	6601035100	24	4
35 x 1 1/4"	6601035114	24	4
42 x 1 1/2 "	6601042112	20	4
54 x 2"	6601054200	10	2



Straight Female Adapter

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	6602015012	120	10
15 x 3/4"	6602015034	80	10
22 x 1/2"	6602022012	100	10
22 x 3/4"	6602022034	80	10
22 x 1"	6602022100	50	10
28 x 3/4"	6602028034	50	10
28 x 1"	6602028100	50	10
35 x 1 1/4"	6602035114	24	4
42 x 1 1/2 "	6602042112	20	4
54 x 2"	6602054200	10	2



Straight Reducer

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22x15	660302215	120	10
28x22	660302822	60	10



Wallplate

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	6634015012	50	10



Socket Reducer

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22x15	664302215	120	10
28x15	664302815	80	10
28x22	664302822	60	10
35x22	664303522	40	10
35x28	664303528	36	4
42x22	664304222	24	4
42x28	664304228	24	4
42x35	664304235	24	4
54x35	664305435	12	2
54x42	664305442	12	2



Endcap

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15	6641015	60	10
22	6641022	50	10
28	6641028	40	10
35	6641035	60	5
42	6641042	50	5
54	6641054	25	5



Equal Tee

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15 x 15	66100151515	80	10
22 x 22 x 22	66100222222	40	10
28 x 28 x 28	66100282828	24	4
35 x 35 x 35	66100353535	12	2
42 x 42 x 42	66100424242	8	2
54 x 54 x 54	66100545454	4	1



Reducing Tee (End)

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22 x 15 x 15	6611221515	40	10
22 x 22 x 15	6611222215	40	10
28 x 22 x 22	6611282222	20	5
28 x 28 x 22	6611282822	20	5



Reducing Tee

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22 x 15 x 22	66110221522	40	10
28 x 15 x 28	66110281528	30	10
28 x 22 x 28	66110282228	30	10
35 x 15 x 35	66110351535	16	4
35 x 22 x 35	66110352235	16	4
35 x 28 x 35	66110352835	16	4
42 x 15 x 42	66110421542	12	4
42 x 22 x 42	66110422242	12	4
42 x 28 x 42	66110422842	12	4
42 x 35 x 42	66110423542	10	2
54 x 22 x 54	66110542254	6	1
54 x 28 x 54	66110542854	6	1
54 x 35 x 54	66110543554	6	1
54 x 42 x 54	66110544254	6	1



Female Tee

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2" x 15	66120151215	60	10
22 x 1/2" x 22	66120221222	40	10
22 x 3/4" x 22	66120223422	30	10
28 x 1/2" x 28	66120281228	30	10
28 x 3/4" x 28	66120283428	20	4
35 x 1/2" x 35	66120351235	16	4
42 x 1/2" x 42	66120421242	10	2
54 x 1/2" x 54	66120541254	6	1



Stainless Steel 316

EPDM



Seal Definition	EPDM - Ethylene Propylene Diene Monomer
Sizes	15mm - 168mm
Pressure	16 bar
Min Temp	-30degC
Max Temp	120degC
Warranty (Years)	50 Years (against manufacturers defects)
Specification	WRAS
Formed	1.4404 according to EN10088/316L
Threaded	1.4408 according to EN10283/316L
Pipe (distributor supplied)	1.4404 according to EN10312 (Series 1, 316L)



Applications

Potable Water Services
Hydronic Heating
Compressed Air
BCWS (Boosted Cold Water Services)
Chilled Water Applications
Inert Gases*
Purified Water
Fire Suppression Systems

Application Services

Drinking Water
HWS & Domestic Heating
Compressed Air (<25mg/M3 Compressor Oils)
BCWS and Risers
Cooling Water (chilled Water) with Glycol <50% concentration
Grey Water
*Helium, Neon, Argon, Krypton, Xenon, Radon
Low Pressure Steam Condensate
Fire Sprinkler Systems

Straight Coupling

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	120001515	150	10
22 x 22	120002222	80	10
28 x 28	120002828	50	10
35 x 35	120003535	24	4
42 x 42	120004242	20	4
54 x 54	120005454	12	2
66.7 x 66.7	120006666	3	1
76.1 x 76.1	120007676	3	1
88.9 x 88.9	120008888	2	1
108 x 108	1200108108	1	1



Slip Coupling

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	120401515	50	10
22 x 22	120402222	50	10
28 x 28	120402828	30	10
35 x 35	120403535	20	10
42 x 42	120404242	12	4
54 x 54	120405454	8	4
66.7 x 66.7	120406666	2	1
76.1 x 76.1	120407676	2	1
88.9 x 88.9	120408888	1	1
108 x 108	1204108108	1	1



Bend 90°

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	122001515	100	10
22 x 22	122002222	50	10
28 x 28	122002828	30	10
35 x 35	122003535	12	4
42 x 42	122004242	8	2
54 x 54	122005454	6	2
66.7 x 66.7	122006666	2	1
76.1 x 76.1	122007676	2	1
88.9 x 88.9	122008888	1	1
108 x 108	1220108108	1	1



Bend 90° Ø

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	122101515	100	10
22 x 22	122102222	50	10
28 x 28	122102828	30	10
35 x 35	122103535	12	4
42 x 42	122104242	8	2
54 x 54	122105454	6	2
66.7 x 66.7	122106666	2	1
76.1 x 76.1	122107676	2	1
88.9 x 88.9	122108888	1	1
108 x 108	1221108108	1	1





Bend 45°

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	122301515	120	10
22 x 22	122302222	60	10
28 x 28	122302828	30	10
35 x 35	122303535	20	4
42 x 42	122304242	12	2
54 x 54	122305454	6	2
66.7 x 66.7	122306666	2	1
76.1 x 76.1	122307676	2	1
88.9 x 88.9	122308888	1	1
108 x 108	1223108108	1	1



Bend 45° Ø

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	122401515	120	10
22 x 22	122402222	60	10
28 x 28	122402828	30	10
35 x 35	122403535	20	4
42 x 42	122404242	12	2
54 x 54	122405454	6	2
66.7 x 66.7	122406666	2	1
76.1 x 76.1	122407676	2	1
88.9 x 88.9	122408888	1	1
108 x 108	1224108108	1	1



Bend 90° Male

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1231015012	80	10
15 x 3/8"	1231015038	80	10
22 x 3/4"	1231022034	40	10
28 x 1"	1231028100	20	4
35 x 1 1/4"	1231035114	12	4
42 x 1 1/2"	1231042112	8	2
54 x 2"	1231054200	4	1



Bend 90° Female

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1232015012	80	10
15 x 3/8"	1232015038	80	10
22 x 3/4"	1232022034	40	10
22 x 1/2"	1232022012	40	2
28 x 1/2"	1232028012	20	4
28 x 1"	1232028100	20	2
35 x 1/2"	1232035012	12	2
35 x 1 1/4"	1232035114	12	4



Male Adapter

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1201015012	150	10
15 x 3/4"	1201015034	100	10
15 x 3/8"	1201015038	100	10
22 x 1/2"	1201022012	100	10
22 x 3/4"	1201022034	80	10
22 x 1"	1201022100	50	10
28 x 3/4"	1201028034	50	10
28 x 1"	1201028100	50	10
35 x 1"	1201035100	24	4
35 x 1 1/4"	1201035114	24	4
42 x 1 1/2"	1201042112	20	4
54 x 2"	1201054200	10	2
66.7 x 2 1/2"	1201066212	2	1
76.1 x 2 1/2"	1201076212	1	1
88.9 x 3"	1201088300	1	1
108 x 4"	1201108400	1	1



Female Adapter

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1202015012	120	10
15 x 3/4"	1202015034	80	10
15 x 3/8"	1202015038	80	10
22 x 1/2"	1202022012	100	10
22 x 3/4"	1202022034	80	10
22 x 1"	1202022100	50	10
28 x 3/4"	1202028034	50	10
28 x 1"	1202028100	50	10
35 x 1"	1202035100	24	4
35 x 1 1/4"	1202035114	24	4
42 x 1 1/2"	1202042112	20	4
54 x 2"	1202054200	10	2



Endcap

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15	1241015	30	10
22	1241022	30	10
28	1241028	30	10
35	1241035	24	4
42	1241042	20	4
54	1241054	16	2
66.7	1241066	4	1
76.1	1241076	2	1
88.9	1241088	1	1
108	1241108	1	1



Wallplate Female

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1234015012	50	10
22 x 3/4"	1234022034	30	10



Socket Reducer

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22 x 15	124302215	120	10
28 x 15	124302815	80	10
28 x 22	124302822	60	10
35 x 15	124303515	40	10
35 x 22	124303522	40	10
35 x 28	124303528	32	4
42 x 15	124304215	24	4
42 x 22	124304222	24	4
42 x 28	124304228	24	4
42 x 35	124304235	24	4
54 x 15	124305415	12	2
54 x 22	124305422	12	2
54 x 28	124305428	12	2
54 x 35	124305435	12	2
54 x 42	124305442	12	2
66.7 x 22	124306622	3	1
66.7 x 28	124306628	3	1
66.7 x 35	124306635	3	1
66.7 x 42	124306642	3	1
66.7 x 54	124306654	3	1
76.1 x 22	124307622	3	1
76.1 x 28	124307628	3	1
76.1 x 35	124307635	3	1
76.1 x 42	124307642	3	1
76.1 x 54	124307654	3	1
76.1 x 66.7	124307666	3	1
88.9 x 22	124308822	1	1
88.9 x 28	124308828	1	1
88.9 x 35	124308835	1	1
88.9 x 42	124308842	1	1
88.9 x 54	124308854	1	1
88.9 x 76.1	124308876	1	1
108 x 22	124310822	1	1
108 x 28	124310828	1	1
108 x 35	124310835	1	1
108 x 42	124310842	1	1
108 x 54	124310854	1	1
108 x 66.7	124310866	1	1
108 x 76.1	124310876	1	1
108 x 88.9	124310888	1	1



Reducing Tee

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22 x 15 x 22	12110221522	40	10
28 x 15 x 28	12110281528	30	10
28 x 22 x 28	12110282228	30	10
35 x 15 x 35	12110351535	16	4
35 x 22 x 35	12110352235	16	4
35 x 28 x 35	12110352835	16	4
42 x 15 x 42	12110421542	12	4
42 x 22 x 42	12110422242	12	4
42 x 28 x 42	12110422842	12	4
42 x 35 x 42	12110423542	10	2
54 x 15 x 54	12110541554	6	1
54 x 22 x 54	12110542254	6	1
54 x 28 x 54	12110542854	6	1
54 x 35 x 54	12110543554	6	1
54 x 42 x 54	12110544254	6	1
66.7 x 22 x 66.7	12110662266	2	1
66.7 x 28 x 66.7	12110662866	2	1
66.7 x 35 x 66.7	12110663566	2	1
66.7 x 42 x 66.7	12110664266	2	1
66.7 x 54 x 66.7	12110665466	2	1
76.1 x 22 x 76.1	12110762276	1	1
76.1 x 28 x 76.1	12110762876	1	1
76.1 x 35 x 76.1	12110763576	1	1
76.1 x 42 x 76.1	12110764276	1	1
76.1 x 54 x 76.1	12110765476	1	1
76.1 x 66.7 x 76.1	12110766676	1	1
88.9 x 22 x 88.9	12110882288	1	1
88.9 x 28 x 88.9	12110882888	1	1
88.9 x 35 x 88.9	12110883588	1	1
88.9 x 42 x 88.9	12110884288	1	1
88.9 x 54 x 88.9	12110885488	1	1
88.9 x 76.1 x 88.9	12110887688	1	1
108 x 22 x 108	121110822108	1	1
108 x 28 x 108	121110828108	1	1
108 x 35 x 108	121110835108	1	1
108 x 42 x 108	121110842108	1	1
108 x 54 x 108	121110854108	1	1
108 x 66.7 x 108	121110866108	1	1
108 x 76.1 x 108	121110876108	1	1
108 x 88.9 x 108	121110888108	1	1



Tap Connector

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1207015012	30	10
15 x 3/4"	1207015034	30	10
22 x 1"	1207022100	30	10
28 x 1 1/4"	1207028114	24	4
35 x 1 1/2"	1207035112	24	4



Male Union Adapter - with Flat Seal

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1208015012	10	5
22 x 3/4"	1208022034	10	5
28 x 1"	1208028100	8	4
35 x 1 1/4"	1208035114	8	4
42 x 1 1/2"	1208042112	4	2
54 x 2"	1208054200	2	1



Female Union Adapter - with Flat Seal

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1209015012	10	5
22 x 3/4"	1209022034	10	5
28 x 1"	1209028100	8	4
35 x 1 1/4"	1209035114	8	4
42 x 1 1/2"	1209042112	4	2
54 x 2"	1209054200	2	1



Press Union Adapter - with Flat Seal

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	120911515	10	2
22 x 22	120912222	10	2
28 x 28	120912828	8	2
35 x 35	120913535	8	2
42 x 42	120914242	4	2
54 x 54	120915454	2	1



Female Tee

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2" x 15	12120151215	60	10
15 x 3/8" x 15	12120153815	60	10
22 x 1/2" x 22	12120221222	40	10
22 x 3/4" x 22	12120223422	40	10
28 x 1/2" x 28	12120281228	30	10
28 x 3/4" x 28	12120283428	24	2
28 x 1" x 28	12120281028	24	4
35 x 1/2" x 35	12120351235	16	2
35 x 3/4" x 35	12120353435	12	2
35 x 1" x 35	12120351035	12	2
35 x 1 1/4" x 35	12120351135	12	2
42 x 1/2" x 42	12120421242	10	2
42 x 3/4" x 42	12120423442	8	1
42 x 1" x 42	12120421042	8	1
42 x 1 1/2" x 42	12120421142	8	1
54 x 1/2" x 54	12120541254	6	1
54 x 3/4 x 54	12120543454	6	1
54 x 1" x 54	12120541054	6	1
54 x 2" x 54	12120542054	6	1
66.7 x 3/4 x 66.7	12120663466	2	1
76.1 x 3/4" x 76.1	12120763476	1	1
76.1 x 2" x 76.1	12120762076	1	1
88.9 x 3/4" x 88.9	12120883488	1	1
88.9 x 2" x 88.9	12120882088	1	1
108 x 3/4" x 108	121210834108	1	1
108 x 2" x 108	121210820108	1	1



Equal Tee

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15 x 15	12100151515	80	10
22 x 22 x 22	12100222222	40	10
28 x 28 x 28	12100282828	24	4
35 x 35 x 35	12100353535	12	2
42 x 42 x 42	12100424242	8	2
54 x 54 x 54	12100545454	4	1
66.7 x 66.7 x 66.7	12100666666	2	1
76.1 x 76.1 x 76.1	12100767676	1	1
88.9 x 88.9 x 88.9	12100888888	1	1
108 x 108 x 108	1210108108108	1	1



Flange with Press Joint

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22 PN16 DN20 (4 holes)	1240022	1	1
28 PN16 DN25 (4 holes)	1240028	1	1
35 PN16 DN32 (4 holes)	1240035	1	1
42 PN16 DN40 (4 holes)	1240042	1	1
54 PN16 DN50 (4 holes)	1240054	1	1
66.7 PN16 DN65 (8 holes)	1240066	1	1
76.1 PN16 DN65 (4 holes)	1240076	1	1
76.1 PN16 DN80 (8 holes)	1240076-80	1	1
88.9 PN16 DN80 (8 holes)	1240088	1	1
108 PN16 DN100 (8 holes)	1240108	1	1



Bend 90° ØxØ

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	123501515	60	10
22 x 22	123502222	40	10
28 x 28	123502828	20	4
35 x 35	123503535	6	2
42 x 42	123504242	2	1
54 x 54	123505454	2	1
76.1 x 76.1	123507676	1	1
88.9 x 88.9	123508888	1	1
108 x 108	1235108108	1	1



Bend 45° ØxØ

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	123801515	40	4
22 x 22	123802222	40	4
28 x 28	123802828	20	4
35 x 35	123803535	10	1
42 x 42	123804242	6	1
54 x 54	123805454	2	1
76.1 x 76.1	123807676	1	1
88.9 x 88.9	123808888	1	1
108 x 108	1238108108	1	1



Partial Crossover ØxØ

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	123601515	60	10
22 x 22	123602222	40	10
28 x 28	123602828	60	4



Male Adapter Insert

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1245015012	50	10



Female Adapter Insert

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1246015012	50	10
22 x 1/2"	1246022012	50	10



Stainless Steel 316 Gas

HNBR



Seal Definition	HNBR - Hydrogenated Nitrile Butadiene Rubber
Sizes	15mm - 168mm
Pressure	16 bar (5 for Natural Gases)
Min Temp	-30degC
Max Temp	150degC (70degC Gas)
Warranty (Years)	50 Years (against manufacturers defects)
Specification	DVGW G260 G262 (IGEM)
Formed	1.4404 according to EN10088/316L
Threaded	1.4408 according to EN10283/316L
Pipe (distributor supplied)	1.4404 according to EN10312 (Series 1, 316L)



Applications

Commercial / Industrial Offshore
 Low Pressure Hydraulic Systems
 Commercial & Industrial Flammable Gases (DVGW G260, G262)
 Inert Gases*

Application Services

Commercial & Industrial Methane Gas
 Low Pressure Hydraulic Oil
 Commercial & Industrial LPG & Natural Gas
 *Helium, Neon, Argon, Krypton, Xenon, Radon

Straight Coupling

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	170001515	150	10
22 x 22	170002222	80	10
28 x 28	170002828	20	10
35 x 35	170003535	12	4
42 x 42	170004242	12	4
54 x 54	170005454	12	2
66.7 x 66.7	170006666	3	1
76.1 x 76.1	170007676	3	1
88.9 x 88.9	170008888	2	1
108 x 108	1700108108	1	1



Slip Coupling

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	170401515	50	10
22 x 22	170402222	50	10
28 x 28	170402828	30	10
35 x 35	170403535	20	10
42 x 42	170404242	12	4
54 x 54	170405454	8	4
66.7 x 66.7	170406666	2	1
76.1 x 76.1	170407676	2	1
88.9 x 88.9	170408888	1	1
108 x 108	1704108108	1	1



Bend 90°

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	172001515	100	10
22 x 22	172002222	50	10
28 x 28	172002828	30	10
35 x 35	172003535	12	4
42 x 42	172004242	8	2
54 x 54	172005454	6	2
66.7 x 66.7	172006666	2	1
76.1 x 76.1	172007676	2	1
88.9 x 88.9	172008888	1	1
108 x 108	1720108108	1	1



Bend 90° Ø

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	172101515	50	10
22 x 22	172102222	30	10
28 x 28	172102828	16	10
35 x 35	172103535	12	4
42 x 42	172104242	8	2
54 x 54	172105454	6	2
66.7 x 66.7	172106666	2	1
76.1 x 76.1	172107676	2	1
88.9 x 88.9	172108888	1	1
108 x 108	17210108108	1	1





Bend 45°

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	172301515	120	10
22 x 22	172302222	60	10
28 x 28	172302828	30	10
35 x 35	172303535	20	4
42 x 42	172304242	12	2
54 x 54	172305454	6	2
66.7 x 66.7	172306666	2	1
76.1 x 76.1	172307676	2	1
88.9 x 88.9	172308888	1	1
108 x 108	1723108108	1	1



Bend 45° Ø

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	172401515	120	10
22 x 22	172402222	60	10
28 x 28	172402828	30	10
35 x 35	172403535	20	4
42 x 42	172404242	12	2
54 x 54	172405454	6	2
66.7 x 66.7	172406666	2	1
76.1 x 76.1	172407676	2	1
88.9 x 88.9	172408888	1	1
108 x 108	1724108108	1	1



Bend 90° Male

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1731015012	80	10
15 x 3/8"	1731015038	80	10
22 x 3/4"	1731022034	40	10
28 x 1"	1731028100	20	4
35 x 1 1/4"	1731035114	12	4
42 x 1 1/2"	1731042112	8	2
54 x 2"	1731054200	4	1



Bend 90° Female

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1732015012	80	10
15 x 3/8"	1732015038	80	10
22 x 3/4"	1732022034	40	10
22 x 1/2"	1732022012	40	2
28 x 1/2"	1732028012	20	4
28 x 1"	1732028100	20	2
35 x 1/2"	1732035012	12	2
35 x 1 1/4"	1732035114	12	4



Male Adapter

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1701015012	150	10
15 x 3/4"	1701015034	100	10
15 x 3/8"	1701015038	100	10
22 x 1/2"	1701022012	100	10
22 x 3/4"	1701022034	80	10
22 x 1"	1701022100	50	10
28 x 3/4"	1701028034	50	10
28 x 1"	1701028100	20	10
35 x 1"	1701035100	24	4
35 x 1 1/4"	1701035114	12	4
42 x 1 1/2"	1701042112	10	4
54 x 2"	1701054200	10	2
66.7 x 2 1/2"	1701066212	1	1
76.1 x 2 1/2"	1701076212	1	1
88.9 x 3"	1701088300	1	1
108 x 4"	1701108400	1	1



Female Adapter

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 3/4"	1702015034	120	10
15 x 1/2"	1702015012	80	10
15 x 3/8"	1702015038	80	10
22 x 3/4"	1702022034	100	10
22 x 1/2"	1702022012	80	10
22 x 1"	1702022100	50	10
28 x 3/4"	1702028034	50	10
28 x 1"	1702028100	50	10
35 x 1"	1702035100	24	4
35 x 1 1/4"	1702035114	24	4
42 x 1 1/2"	1702042112	20	4
54 x 2"	1702054200	10	2



Wallplate Female

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1734015012	50	10
22 x 3/4"	1734022034	30	10



Endcap

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15	1741015	30	10
22	1741022	30	10
28	1741028	30	10
35	1741035	24	4
42	1741042	20	4
54	1741054	16	2
66.7	1741066	16	1
76.1	1741076	2	1
88.9	1741088	1	1
108	1741108	1	1





Socket Reducer

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22 x 15	174302215	120	10
28 x 15	174302815	80	10
28 x 22	174302822	60	10
35 x 15	174303515	40	10
35 x 22	174303522	40	10
35 x 28	174303528	32	4
42 x 15	174304215	24	4
42 x 22	174304222	24	4
42 x 28	174304228	24	4
42 x 35	174304235	24	4
54 x 15	174305415	12	2
54 x 22	174305422	12	2
54 x 28	174305428	12	2
54 x 35	174305435	12	2
54 x 42	174305442	12	2
66.7 x 22	174306622	3	1
66.7 x 28	174306628	3	1
66.7 x 35	174306635	3	1
66.7 x 42	174306642	3	1
66.7 x 54	174306654	3	1
76.1 x 22	174307622	3	1
76.1 x 28	174307628	3	1
76.1 x 35	174307635	3	1
76.1 x 42	174307642	3	1
76.1 x 54	174307654	3	1
76.1 x 66.7	174307666	3	1
88.9 x 22	174308822	1	1
88.9 x 28	174308828	1	1
88.9 x 35	174308835	1	1
88.9 x 42	174308842	1	1
88.9 x 54	174308854	1	1
88.9 x 76.1	174308876	1	1
108 x 22	174310822	1	1
108 x 28	174310828	1	1
108 x 35	174310835	1	1
108 x 42	174310842	1	1
108 x 54	174310854	1	1
108 x 66.7	174310867	1	1
108 x 76.1	174310876	1	1
108 x 88.9	174310888	1	1



Reducing Tee

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22 x 15 x 22	17110221522	40	10
28 x 15 x 28	17110281528	30	10
28 x 22 x 28	17110282228	30	10
35 x 15 x 35	17110351535	16	4
35 x 22 x 35	17110352235	16	4
35 x 28 x 35	17110352835	16	4
42 x 15 x 42	17110421542	12	4
42 x 22 x 42	17110422242	12	4
42 x 28 x 42	17110422842	12	4
42 x 35 x 42	17110423542	10	2
54 x 15 x 54	17110541554	6	1
54 x 22 x 54	17110542254	6	1
54 x 28 x 54	17110542854	6	1
54 x 35 x 54	17110543554	6	1
54 x 42 x 54	17110544254	6	1
66.7 x 22 x 66.7	17110662266	2	1
66.7 x 28 x 66.7	17110662866	2	1
66.7 x 35 x 66.7	17110663566	2	1
66.7 x 42 x 66.7	17110664266	2	1
66.7 x 54 x 66.7	17110665466	2	1
76.1 x 22 x 76.1	17110762276	1	1
76.1 x 28 x 76.1	17110762876	1	1
76.1 x 35 x 76.1	17110763576	1	1
76.1 x 42 x 76.1	17110764276	1	1
76.1 x 54 x 76.1	17110765476	1	1
76.1 x 66.7 x 76.1	17110766676	1	1
88.9 x 22 x 88.9	17110882288	1	1
88.9 x 28 x 88.9	17110882888	1	1
88.9 x 35 x 88.9	17110883588	1	1
88.9 x 42 x 88.9	17110884288	1	1
88.9 x 54 x 88.9	17110885488	1	1
88.9 x 76.1 x 88.9	17110887688	1	1
108 x 22 x 108	171110822108	1	1
108 x 28 x 108	171110828108	1	1
108 x 35 x 108	171110835108	1	1
108 x 42 x 108	171110842108	1	1
108 x 54 x 108	171110854108	1	1
108 x 66.7 x 108	171110866108	1	1
108 x 76.1 x 108	171110876108	1	1
108 x 88.9 x 108	171110888108	1	1





Equal Tee

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15 x 15	17100151515	80	10
22 x 22 x 22	17100222222	40	10
28 x 28 x 28	17100282828	12	4
35 x 35 x 35	17100353535	6	2
42 x 42 x 42	17100424242	4	2
54 x 54 x 54	17100545454	4	1
66.7 x 66.7 x 66.7	17100666666	1	1
76.1 x 76.1 x 76.1	17100767676	1	1
88.9 x 88.9 x 88.9	17100888888	1	1
108 x 108 x 108	1710108108108	1	1



Female Tee

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2" x 15	17120151215	60	10
15 x 3/8" x 15	17120153815	60	10
22 x 1/2" x 22	17120221222	40	10
22 x 3/4" x 22	17120223422	40	10
28 x 1/2" x 28	17120281228	30	10
28 x 3/4" x 28	17120283428	24	2
28 x 1" x 28	17120281028	24	4
35 x 1/2" x 35	17120351235	16	2
35 x 3/4" x 35	17120353435	12	2
35 x 1" x 35	17120351035	12	2
35 x 1 1/4" x 35	17120351135	12	2
42 x 1/2" x 42	17120421242	10	2
42 x 3/4" x 42	17120423442	8	1
42 x 1" x 42	17120421042	8	1
42 x 1 1/2" x 42	17120421142	8	1
54 x 1/2" x 54	17120541254	6	1
54 x 3/4" x 54	17120543454	6	1
54 x 1" x 54	17120541054	6	1
54 x 2" x 54	17120542054	6	1
66.7 x 3/4" x 66.7	17120663466	2	1
76.1 x 3/4" x 76.1	17120763476	1	1
76.1 x 2" x 76.1	17120762076	1	1
88.9 x 3/4" x 88.9	17120883488	1	1
88.9 x 2" x 88.9	17120882088	1	1
108 x 3/4" x 108	171210834108	1	1
108 x 2" x 108	171210820108	1	1



Flange with Press Joint

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22 PN16 DN20 (4 holes)	1740022	1	1
28 PN16 DN25 (4 holes)	1740028	1	1
35 PN16 DN32 (4 holes)	1740035	1	1
42 PN16 DN40 (4 holes)	1740042	1	1
54 PN16 DN50 (4 holes)	1740054	1	1
66.7 PN16 DN65 (8 holes)	1740066	1	1
76.1 PN16 DN65 (4 holes)	1740076	1	1
76.1 PN16 DN80 (8 holes)	1740076 -80	1	1
88.9 PN16 DN80 (8 holes)	1740088	1	1
108 PN16 DN100 (8 holes)	1740108	1	1



Female Union Adapter - with Flat Seal

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1709015012	10	5
22 x 3/4"	1709022034	10	5
28 x 1"	1709028100	8	4
35 x 1 1/4"	1709035114	8	4
42 x 1 1/2"	1709042112	4	2
54 x 2"	1709054200	2	1



Male Union Adapter - with Flat Seal

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1708015012	10	5
22 x 3/4"	1708022034	10	5
28 x 1"	1708028100	8	4
35 x 1 1/4"	1708035114	8	4
42 x 1 1/2"	1708042112	4	2
54 x 2"	1708054200	2	1



Press Union Adapter - with Flat Seal

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	170911515	10	2
22 x 22	170912222	10	2
28 x 28	170912828	8	2
35 x 35	170913535	8	2
42 x 42	170914242	4	2
54 x 54	170915454	2	1



Stainless Steel 316 FKM (Industry)

(Solar / High Temp / Compressed Air / Industrial Heating Systems)

FKM		
Seal Definition	Fluoro-Elastomer (Viton)	
Sizes	15mm - 168mm	
Pressure	16 bar	
Min Temp	-30degC	
Max Temp	205degC	
Warranty (Years)	50 Years (against manufacturers defects)	
Specification	N/A	
Formed	1.4404 according to EN10088/316L	
Threaded	1.4408 according to EN10283/316L	
Pipe (distributor supplied)	1.4404 according to EN10312 (Series 1, 316L)	

Applications	Application Services
Commercial Solar Thermal Heating	High Temperature Heating / HWS
Industrial Heating Systems	Diesel, Kerosene, Petroleum, Paraffin
Commercial Steam Condensate	Low Pressure Low Temperature Steam Condensate (7bar max/120degC)
Industrial Compressed Air	Industrial Compressed Air (>25mg/M3 compressor oils)
Acidic Transportation	Acid Solutions
Hydraulic Applications	Hydraulic Oil
Oil & Fuel	Heavy Oil and Fuel Transportation

Straight Coupling					Slip Coupling				
Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)		Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)	
15 x 15	140001515	150	10		15 x 15	140401515	50	10	
22 x 22	140002222	80	10		22 x 22	140402222	50	10	
28 x 28	140002828	50	10		28 x 28	140402828	30	10	
35 x 35	140003535	24	4		35 x 35	140403535	20	10	
42 x 42	140004242	20	2		42 x 42	140404242	12	4	
54 x 54	140005454	12	2		54 x 54	140405454	8	4	
66.7 x 66.7	140006666	3	1		66.7 x 66.7	140406666	2	1	
76.1 x 76.1	140007676	3	1		76.1 x 76.1	140407676	2	1	
88.9 x 88.9	140008888	2	1		88.9 x 88.9	140408888	1	1	
108 x 108	1400108108	1	1		108 x 108	1404108108	1	1	

Bend 90°					Bend 90° Ø				
Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)		Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)	
15 x 15	142001515	100	10		15 x 15	142101515	100	10	
22 x 22	142002222	50	10		22 x 22	142102222	50	10	
28 x 28	142002828	30	10		28 x 28	142102828	30	10	
35 x 35	142003535	12	4		35 x 35	142103535	12	4	
42 x 42	142004242	8	2		42 x 42	142104242	8	2	
54 x 54	142005454	6	2		54 x 54	142105454	6	2	
66.7 x 66.7	142006666	2	1		66.7 x 66.7	142106666	2	1	
76.1 x 76.1	142007676	2	1		76.1 x 76.1	142107676	2	1	
88.9 x 88.9	142008888	1	1		88.9 x 88.9	142108888	1	1	
108 x 108	1420108108	1	1		108 x 108	1421108108	1	1	

Stainless Steel 316 FKM (Industry)



(Solar / High Temp / Compressed Air / Industrial Heating Systems)

Bend 45°

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	142301515	120	10
22 x 22	142302222	60	10
28 x 28	142302828	30	10
35 x 35	142303535	20	4
42 x 42	142304242	12	2
54 x 54	142305454	6	2
66.7 x 66.7	142306666	2	1
76.1 x 76.1	142307676	2	1
88.9 x 88.9	142308888	1	1
108 x 108	1423108108	1	1



Bend 45° Ø

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	142401515	120	10
22 x 22	142402222	60	10
28 x 28	142402828	30	10
35 x 35	142403535	20	4
42 x 42	142404242	12	2
54 x 54	142405454	6	2
66.7 x 66.7	142406666	2	1
76.1 x 76.1	142407676	2	1
88.9 x 88.9	142408888	1	1
108 x 108	1424108108	1	1



Bend 90° Male

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1431015012	80	10
15 x 3/8"	1431015038	80	10
22 x 3/4"	1431022034	40	10
28 x 1"	1431028100	20	4
35 x 1 1/4"	1431035114	12	4
42 x 1 1/2"	1431042112	8	2
54 x 2"	1431054200	4	1



Bend 90° Female

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1432015012	80	10
15 x 3/8"	1432015038	80	10
22 x 3/4"	1432022034	40	10
22 x 1/2"	1432022012	40	2
28 x 1/2"	1432028012	20	4
28 x 1"	1432028100	20	2
35 x 1/2"	1432035012	12	2
34 x 1 1/4"	1432035114	12	4



Male Adapter

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1401015012	150	10
15 x 3/4"	1401015034	100	10
15 x 3/8"	1401015038	100	10
22 x 1/2"	1401022012	100	10
22 x 3/4"	1401022034	80	10
22 x 1"	1401022100	50	10
28 x 3/4"	1401028034	50	10
28 x 1"	1401028100	50	10
35 x 1"	1401035100	24	4
35 x 1 1/4"	1401035114	24	4
42 x 1 1/2"	1401042112	20	4
54 x 2"	1401054200	10	2
66.7 x 2 1/2"	1401066212	2	1
76.1 x 2 1/2"	1401076212	1	1
88.9 x 3"	1401088300	1	1
108 x 4"	1401108400	1	1



Female Adapter

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1402015012	120	10
15 x 3/4"	1402015034	80	10
15 x 3/8"	1402015038	80	10
22 x 1/2"	1402022012	100	10
22 x 3/4"	1402022034	80	10
22 x 1"	1402022100	50	10
28 x 3/4"	1402028034	50	10
28 x 1"	1402028100	50	10
35 x 1"	1402035100	24	4
35 x 1 1/4"	1402035114	24	4
42 x 1 1/2"	1402042112	20	4
54 x 2"	1402054200	10	2



Endcap

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15	1441015	30	10
22	1441022	30	10
28	1441028	30	10
35	1441035	24	4
42	1441042	20	4
54	1441054	16	2
66.7	1441066	4	1
76.1	1441076	2	1
88.9	1441088	1	1
108	1441108	1	1



Wallplate Female

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1434015012	50	10
22 x 3/4"	1434022034	30	10



Stainless Steel 316 FKM (Industry)

(Solar / High Temp / Compressed Air / Industrial Heating Systems)

Socket Reducer

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22 x 15	144302215	120	10
28 x 15	144302815	80	10
28 x 22	144302822	60	10
35 x 15	144303515	40	10
35 x 22	144303522	40	10
35 x 28	144303528	32	4
42 x 15	144304215	24	4
42 x 22	144304222	24	4
42 x 28	144304228	24	4
42 x 35	144304235	24	4
54 x 15	144305415	12	2
54 x 22	144305422	12	2
54 x 28	144305428	12	2
54 x 35	144305435	12	2
54 x 42	144305442	12	2
66.7 x 22	144306622	3	1
66.7 x 28	144306628	3	1
66.7 x 35	144306635	3	1
66.7 x 42	144306642	3	1
66.7 x 54	144306654	3	1
76.1 x 22	144307622	3	1
76.1 x 28	144307628	3	1
76.1 x 35	144307635	3	1
76.1 x 42	144307642	3	1
76.1 x 54	144307654	3	1
76.1 x 66.7	144307666	3	1
88.9 x 22	144308822	1	1
88.9 x 28	144308828	1	1
88.9 x 35	144308835	1	1
88.9 x 42	144308842	1	1
88.9 x 54	144308854	1	1
88.9 x 76.1	144308876	1	1
108 x 22	144310822	1	1
108 x 28	144310828	1	1
108 x 35	144310835	1	1
108 x 42	144310842	1	1
108 x 54	144310854	1	1
108 x 66.7	144310866	1	1
108 x 76.1	144310876	1	1
108 x 88.9	144310888	1	1



Reducing Tee

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22 x 15 x 22	14110221522	40	10
28 x 15 x 28	14110281528	30	10
28 x 22 x 28	14110282228	30	10
35 x 15 x 35	14110351535	16	4
35 x 22 x 35	14110352235	16	4
35 x 28 x 35	14110352835	16	4
42 x 15 x 42	14110421542	12	4
42 x 22 x 42	14110422242	12	4
42 x 28 x 42	14110422842	12	4
42 x 35 x 42	14110423542	10	2
54 x 15 x 54	14110541554	6	1
54 x 22 x 54	14110542254	6	1
54 x 28 x 54	14110542854	6	1
54 x 35 x 54	14110543554	6	1
54 x 42 x 54	14110544254	6	1
66.7 x 22 x 66.7	14110662266	2	1
66.7 x 28 x 66.7	14110662866	2	1
66.7 x 35 x 66.7	14110663566	2	1
66.7 x 42 x 66.7	14110664266	2	1
66.7 x 54 x 66.7	14110665466	2	1
76.1 x 22 x 76.1	14110762276	1	1
76.1 x 28 x 76.1	14110762876	1	1
76.1 x 35 x 76.1	14110763576	1	1
76.1 x 42 x 76.1	14110764276	1	1
76.1 x 54 x 76.1	14110765476	1	1
76.1 x 66.7 x 76.1	14110766676	1	1
88.9 x 22 x 88.9	14110882288	1	1
88.9 x 28 x 88.9	14110882888	1	1
88.9 x 35 x 88.9	14110883588	1	1
88.9 x 42 x 88.9	14110884288	1	1
88.9 x 54 x 88.9	14110885488	1	1
88.9 x 76.1 x 88.9	14110887688	1	1
108 x 22 x 108	141110822108	1	1
108 x 28 x 108	141110828108	1	1
108 x 35 x 108	141110835108	1	1
108 x 42 x 108	141110842108	1	1
108 x 54 x 108	141110854108	1	1
108 x 66.7 x 108	141110866108	1	1
108 x 76.1 x 108	141110876108	1	1
108 x 88.9 x 108	141110888108	1	1



Stainless Steel 316 FKM (Industry)

(Solar / High Temp / Compressed Air / Industrial Heating Systems)

Equal Tee

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15 x 15	14100151515	80	10
22 x 22 x 22	14100222222	40	10
28 x 28 x 28	14100282828	24	4
35 x 35 x 35	14100353535	12	2
42 x 42 x 42	14100424242	8	2
54 x 54 x 54	14100545454	4	1
66.7 x 66.7 x 66.7	14100666666	2	1
76.1 x 76.1 x 76.1	14100767676	1	1
88.9 x 88.9 x 88.9	14100888888	1	1
108 x 108 x 108	1410108108108	1	1



Female Tee

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2" x 15	14120151215	60	10
15 x 3/8" x 15	14120153815	60	10
22 x 1/2" x 22	14120221222	40	10
22 x 3/4" x 22	14120223422	40	10
28 x 1/2" x 28	14120281218	30	10
28 x 3/4" x 28	14120283428	24	2
28 x 1" x 28	14120281028	24	4
35 x 1/2" x 35	14120351235	16	2
35 x 3/4" x 35	14120353435	12	2
35 x 1" x 35	14120351034	12	2
35 x 1 1/4" x 35	14120351135	12	2
42 x 1/2" x 42	14120421242	10	2
42 x 3/4" x 42	14120423442	8	1
42 x 1" x 42	14120421042	8	1
42 x 1 1/2" x 42	14120421142	8	1
54 x 1/2" x 54	14120541254	6	1
54 x 3/4" x 54	14120543454	6	1
54 x 1" x 54	14120541054	6	1
54 x 2" x 54	14120542054	6	1
66.7 x 3/4" x 66.7	14120663466	2	1
76.1 x 3/4" x 76.1	14120763476	1	1
76.1 x 2" x 76.1	14120762076	1	1
88.9 x 3/4" x 88.9	14120883488	1	1
88.9 x 2" x 88.9	14120883488	1	1
108 x 3/4" x 108	141210834108	1	1
108 x 2" x 108	141210820108	1	1



Flange with Press Joint

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22 PN16 DN20 (4 holes)	1440022	1	1
28 PN16 DN25 (4 holes)	1440028	1	1
35 PN16 DN32 (4 holes)	1440035	1	1
42 PN16 DN40 (4 holes)	1440042	1	1
54 PN16 DN50 (4 holes)	1440054	1	1
66.7 PN16 DN65 (8 holes)	1440066	1	1
76.1 PN16 DN65 (4 holes)	1440076	1	1
76.1 PN16 DN80 (8 holes)	1440076-80	1	1
88.9 PN16 DN80 (8 holes)	1440088	1	1
108 PN16 DN100 (8 holes)	1440108	1	1



Tap Connector

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1407015012	30	10
15 x 3/4"	1407015034	30	10
22 x 1"	1407022100	30	10
28 x 1 1/4"	1407028114	24	4
35 x 1 1/2"	1407035112	24	4



Straight Male Union Adapter

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1408015012	10	5
22 x 3/4"	1408022034	10	5
28 x 1"	1408028100	8	4
35 x 1 1/4"	1408035114	8	4
42 x 1 1/2"	1408042112	4	2
54 x 2"	1408054200	2	1



Female Union Adapter - with Flat Seal

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1409015012	10	5
22 x 3/4"	1409022034	10	5
28 x 1"	1409028100	8	4
35 x 1 1/4"	1409035114	8	4
42 x 1 1/2"	1409042112	4	2
54 x 2"	1409042112	2	1



Press Union Adapter - with Flat Seal

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	140911515	10	2
22 x 22	140912222	10	2
28 x 28	140912828	8	2
35 x 35	140913535	8	2
42 x 42	140914242	4	2
54 x 54	140915454	2	1



Stainless Steel 316 Steam

Aflas Steam

Seal Definition	FEPM - Fluoro-Elastomer Polypropylene Monomer
Sizes	15mm - 54mm
Pressure	7 bar
Min Temp	-10degC
Max Temp	170degC Steam (200degC other applications)
Warranty (Years)	10 Years (against manufacturers defects)
Specification	N/A
Formed	1.4404 according to EN10088/316L
Threaded	1.4408 according to EN10283/316L
Pipe (distributor supplied)	1.4404 according to EN10312 (ECO 316L)



Applications

Commercial Laundries
 Commercial Plantrooms
 Commercial District Heating Systems
 Commercial Condensate Lines
 ** Please contact the office for other applications

Application Services

Steam release, storage & transportation
 ** Please contact the office for other applications

Straight Coupling

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	130001515	150	10
22 x 22	130002222	80	10
28 x 28	130002828	50	10
35 x 35	130003535	24	4
42 x 42	130004242	20	2
54 x 54	130005454	12	2



Slip Coupling

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	130401515	50	10
22 x 22	130402222	50	10
28 x 28	130402828	30	10
35 x 35	130403535	20	10
42 x 42	130404242	12	4
54 x 54	130405454	8	4



Bend 90°

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	132001515	100	10
22 x 22	132002222	50	10
28 x 28	132002828	30	10
35 x 35	132003535	12	4
42 x 42	132004242	8	2
54 x 54	132005454	6	2



Bend 90° Ø

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	132101515	100	10
22 x 22	132102222	50	10
28 x 28	132102828	30	10
35 x 35	132103535	12	4
42 x 42	132104242	8	2
54 x 54	132105454	6	2



Bend 45°

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	132301515	120	10
22 x 22	132302222	60	10
28 x 28	132302828	30	10
35 x 35	132303535	20	4
42 x 42	132304242	12	2
54 x 54	132305454	6	2



Bend 45° Ø

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	132401515	120	10
22 x 22	132402222	60	10
28 x 28	132402828	30	10
35 x 35	132403535	20	4
42 x 42	132404242	12	2
54 x 54	132405454	6	2





Bend 90° Male

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1331015012	80	10
15 x 3/8"	1331015038	80	10
22 x 3/4"	1331022034	40	10
28 x 1"	1331028100	20	4
35 x 1 1/4"	1331035114	12	4
42 x 1 1/2"	1331042112	8	2
54 x 2"	1331054200	4	1



Bend 90° Female

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1332015012	80	10
15 x 3/8"	1332015038	80	10
22 x 3/4"	1332022034	40	10
22 x 1/2"	1332022012	40	2
28 x 1/2"	1332028012	20	4
28 x 1"	1332028100	20	2
35 x 1/2"	1332035012	12	2
35 x 1 1/4"	1332035114	12	4



Male Adapter

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1301015012	150	10
15 x 3/4"	1301015034	100	10
15 x 3/8"	1302015038	80	10
22 x 1/2"	1301022012	100	10
22 x 3/4"	1301022034	80	10
22 x 1"	1301022100	50	10
28 x 3/4"	1301028034	50	10
28 x 1"	1301028100	50	10
35 x 1"	1301035100	24	4
35 x 1 1/4"	1301035114	24	4
42 x 1 1/2"	1301042112	20	4
54 x 2"	1301054200	10	2



Female Adapter

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1302015012	120	10
15 x 3/4"	1302015034	80	10
15 x 3/8"	1302015038	80	10
22 x 1/2"	1302022012	100	10
22 x 3/4"	1302022034	80	10
22 x 1"	1302022100	50	10
28 x 3/4"	1302028034	50	10
28 x 1"	1302028100	50	10
35 x 1"	1302035100	24	4
35 x 1 1/4"	1302035114	24	4
42 x 1 1/2"	1302042112	20	4
54 x 2"	1302054200	10	2



Socket Reducer

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22 x 15	134302215	120	10
28 x 15	134302815	80	10
28 x 22	134302822	60	10
35 x 15	134303515	40	10
35 x 22	134303522	40	10
35 x 28	134303528	32	4
42 x 15	134304215	24	4
42 x 22	134304222	24	4
42 x 28	134304228	24	4
42 x 35	134304235	24	4
54 x 15	134305415	12	2
54 x 22	134305422	12	2
54 x 28	134305428	12	2
54 x 35	134305435	12	2
54 x 42	134305442	12	2



Reducing Tee

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22 x 15 x 22	13110221522	40	10
28 x 15 x 28	13110281528	30	10
28 x 22 x 28	13110282228	30	10
35 x 15 x 35	13110351535	16	4
35 x 22 x 35	13110352235	16	4
35 x 28 x 35	13110352835	16	4
42 x 15 x 42	13110421542	12	4
42 x 22 x 42	13110422242	12	4
42 x 28 x 42	13110422842	12	4
42 x 35 x 42	13110423542	10	2
54 x 15 x 54	13110541554	6	1
54 x 22 x 54	13110542254	6	1
54 x 28 x 54	13110542854	6	1
54 x 35 x 54	13110543554	6	1
54 x 42 x 54	13110544254	6	1



Endcap

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15	1341015	30	10
22	1341022	30	10
28	1341028	30	10
35	1341035	24	4
42	1341042	20	4
54	1341054	16	2



Wallplate Female

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1334015012	50	10
22 x 3/4"	1334022034	30	10



Equal Tee

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15 x 15	13100151515	80	10
22 x 22 x 22	13100222222	40	10
28 x 28 x 28	13100282828	24	4
35 x 35 x 35	13100353535	12	2
42 x 42 x 42	13100424242	8	2
54 x 54 x 54	13100545454	4	1



Female Tee

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2" x 15	13120151215	60	10
15 x 3/8" x 15	13120153815	60	10
22 x 1/2" x 22	13120221222	40	10
22 x 3/4" x 22	13120223422	40	10
28 x 1/2" x 28	13120281228	30	10
28 x 3/4" x 28	13120283428	24	2
28 x 1" x 28	13120281028	24	4
35 x 1/2" x 35	13120351235	16	2
35 x 3/4" x 35	13120353435	12	2
35 x 1" x 35	13120351035	12	2
35 x 1 1/4" x 35	13120351135	12	2
42 x 1/2" x 42	13120421242	10	2
42 x 3/4" x 42	13120423442	8	1
42 x 1" x 42	13120421042	8	1
42 x 1 1/2" x 42	13120421142	8	1
54 x 1/2" x 54	13120541254	6	1
54 x 3/4" x 54	13120543454	6	1
54 x 1" x 54	13120541054	6	1
54 x 2" x 54	13120542054	6	1



Flange with Press Joint

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22 PN16 DN20 (4 holes)	1340022	1	1
28 PN16 DN25 (4 holes)	1340028	1	1
35 PN16 DN32 (4 holes)	1340035	1	1
42 PN16 DN40 (4 holes)	1340042	1	1
54 PN16 DN50 (4 holes)	1340054	1	1



Stainless Steel 316 MXL Fittings

EPDM



Seal Definition	EPDM - Ethylene Propylene Diene Monomer
Sizes	15mm - 168mm
Pressure	16 bar
Min Temp	-30degC
Max Temp	120degC
Warranty (Years)	50 Years (against manufacturers defects)
Specification	WRAS
Formed	1.4404 according to EN10088/316L
Threaded	1.4408 according to EN10283/316L
Pipe (distributor supplied)	1.4404 according to EN10312 (Series 1, 316L)



Applications

Potable Water Services
Hydronic Heating
Compressed Air
BCWS (Boosted Cold Water Services)
Chilled Water Applications
Inert Gases*
Purified Water
Fire Suppression Systems

Application Services

Drinking Water
HWS & Domestic Heating
Compressed Air (<25mg/M3 Compressor Oils)
BCWS and Risers
Cooling Water (chilled Water) with Glycol <50% concentration
Grey Water
*Helium, Neon, Argon, Krypton, Xenon, Radon
Low Pressure Steam Condensate
Fire Sprinkler Systems

Straight Coupling

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 139.7	1200139139	1	1
168.3 x 168.3	1200168168	1	1



Bend 90°

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 139.7	1220139139	1	1
168.3 x 168.3	1220168168	1	1



Bend 90°Ø

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 139.7	1221139139	1	1
168.3 x 168.3	1221168168	1	1



Bend 45°

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 139.7	1223139139	1	1
168.3 x 168.3	1223168168	1	1



Stainless Steel 316 MXL Fittings

Bend 45° Ø

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 139.7	1224139139	1	1
168.3 x 168.3	1224168168	1	1



Socket Reducer

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 108	1243139108	1	1
168.3 x 108	1243168108	1	1
168.3 x 139.7	1243168139	1	1



Equal Tee

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 139.7 x 139.7	1210139139139	1	1
168.3 x 168.3 x 168.3	1210168168168	1	1



Reducing Tee

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 108 x 139.7	121139108139	1	1
168.3 x 108 x 168.3	121168108168	1	1
168.3 x 139.7 x 168.3	121168139168	1	1



Flange with Press Joint

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 PN16 DN125 (8 holes)	1240139139	1	1
168.3 PN16 DN150 (8 holes)	1240168168	1	1



Stainless Steel 316 MXL Gas Fittings

HNBR



Seal Definition	HNBR - Hydrogenated Nitrile Butadiene Rubber
Sizes	15mm - 168mm
Pressure	16 bar (5 for Natural Gases)
Min Temp	-30degC
Max Temp	150degC (70degC Gas)
Warranty (Years)	50 Years (against manufacturers defects)
Specification	DVGW G260 G262 (IGEM)
Formed	1.4404 according to EN10088/316L
Threaded	1.4408 according to EN10283/316L
Pipe (distributor supplied)	1.4404 according to EN10312 (Series 1, 316L)



Applications

Commercial / Industrial Offshore
Low Pressure Hydraulic Systems
Commercial & Industrial Flammable Gases (DVGW G260, G262)
Inert Gases*

Application Services

Commercial & Industrial Methane Gas
Low Pressure Hydraulic Oil
Commercial & Industrial LPG & Natural Gas
*Helium, Neon, Argon, Krypton, Xenon, Radon

Straight Coupling

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 139.7	1700139139	1	1
168.3 x 168.3	1700168168	1	1



Bend 90°

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 139.7	1720139139	1	1
168.3 x 168.3	1720168168	1	1



Bend 90°Ø

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 139.7	1721139139	1	1
168.3 x 168.3	1721168168	1	1



Bend 45°

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 139.7	1723139139	1	1
168.3 x 168.3	1723168168	1	1



Stainless Steel 316 MXL Gas Fittings



Bend 45° Ø

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 139.7	1724139139	1	1
168.3 x 168.3	1724168168	1	1



Socket Reducer

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 108	1743139108	1	1
168.3 x 108	1743168108	1	1
168.3 x 139.7	1743168139	1	1



Equal Tee

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 139.7 x 139.7	1710139139139	1	1
168.3 x 168.3 x 168.3	1710168168168	1	1



Reducing Tee

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 108 x 139.7	171139108139	1	1
168.3 x 108 x 168.3	171168108168	1	1
168.3 x 139.7 x 168.3	171168139168	1	1



Flange with Press Joint

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 PN16 DN125 (8 holes)	1740139139	1	1
168.3 PN16 DN150 (8 holes)	1740168168	1	1



Stainless Steel 316 MXL FKM (Industry)

FKM

Seal Definition	Fluoro-Elastomer (Viton)
Sizes	15mm - 168mm
Pressure	16bar
Min Temp	-30degC
Max Temp	205degC
Warranty (Years)	50 Years (against manufacturers defects)
Specification	N/A
Formed	1.4404 according to EN10088/316L
Threaded	1.4408 according to EN10283/316L
Pipe (distributor supplied)	1.4404 according to EN10312 (Series 1, 316L)



Applications

Commercial Solar Thermal Heating
Industrial Heating Systems
Commercial Steam Condensate
Industrial Compressed Air
Acidic Transportation
Hydraulic Applications
Oil & Fuel

Application Services

High Temperature Heating / HWS
Diesel, Kerosene, Petroleum, Paraffin
Low Pressure Low Temperature Steam Condensate (7bar max/120degC)
Industrial Compressed Air (>25mg/M3 compressor oils)
Acid Solutions
Hydraulic Oil
Heavy Oil and Fuel Transportation

Straight Coupling

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 139.7	1400139139	1	1
168.3 x 168.3	1400168168	1	1



Bend 90°

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 139.7	1420139139	1	1
168.3 x 168.3	1420168168	1	1



Bend 90°Ø

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 139.7	1421139139	1	1
168.3 x 168.3	1421168168	1	1



Bend 45°

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 139.7	1423139139	1	1
168.3 x 168.3	1423168168	1	1





Bend 45° Ø

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 139.7	1424139139	1	1
168.3 x 168.3	1424168168	1	1



Socket Reducer

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 108	1443139108	1	1
168.3 x 108	1443168108	1	1
168.3 x 139.7	1443168139	1	1



Equal Tee

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 139.7 x 139.7	1410139139139	1	1
168.3 x 168.3 x 168.3	1410168168168	1	1



Reducing Tee

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 108 x 139.7	141139108139	1	1
168.3 x 108 x 168.3	141168108168	1	1
168.3 x 139.7 x 168.3	141168139168	1	1



Flange with Press Joint

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 PN16 DN125 (8 holes)	1440139139	1	1
168.3 PN16 DN150 (8 holes)	1440168168	1	1



Stainless Steel 304 Fittings

EPDM



Seal Definition	EPDM - Ethylene Propylene Diene Monomer
Sizes	15mm - 168mm
Pressure	16 bar
Min Temp	-30degC
Max Temp	120degC
Warranty (Years)	50 Years (against manufacturers defects)
Specification	WRAS
Formed	1.4404 according to EN10088/316L
Threaded	1.4408 according to EN10283/316L
Pipe (distributor supplied)	1.4404 according to EN10312 (Series 1, 316L)



Applications

Potable Water Services
Hydronic Heating
Compressed Air
BCWS (Boosted Cold Water Services)
Chilled Water Applications
Inert Gases*
Purified Water
Fire Suppression Systems

Application Services

Drinking Water
HWS & Domestic Heating
Compressed Air (<25mg/M3 Compressor Oils)
BCWS and Risers
Cooling Water (chilled Water) with Glycol <50% concentration
Grey Water
*Helium, Neon, Argon, Krypton, Xenon, Radon
Low Pressure Steam Condensate
Fire Sprinkler Systems

Straight Coupling

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	150001515	150	10
22 x 22	150002222	80	10
28 x 28	150002828	50	10
35 x 35	150003535	24	4
42 x 42	150004242	20	2
54 x 54	150005454	12	2
66.7 x 66.7	150006666	3	1
76.1 x 76.1	150007676	3	1
88.9 x 88.9	150008888	2	1
108 x 108	150108108	1	1



Slip Coupling

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	150401515	50	10
22 x 22	150402222	50	10
28 x 28	150402828	30	10
35 x 35	150403535	20	10
42 x 42	150404242	12	4
54 x 54	150405454	8	4
66.7 x 66.7	150406666	2	1
76.1 x 76.1	150407676	2	1
88.9 x 88.9	150408888	1	1
108 x 108	1504108108	1	1



Bend 90°

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	152001515	100	10
22 x 22	152002222	50	10
28 x 28	152002828	30	10
35 x 35	152003535	12	4
42 x 42	152004242	8	2
54 x 54	152005454	6	2
66.7 x 66.7	152006666	2	1
76.1 x 76.1	152007676	2	1
88.9 x 88.9	152008888	1	1
108 x 108	1520108108	1	1



Bend 90°Ø

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	152101515	100	10
22 x 22	152102222	50	10
28 x 28	152102828	30	10
35 x 35	152103535	12	4
42 x 42	152104242	8	2
54 x 54	152105454	6	2
66.7 x 66.7	152106666	2	1
76.1 x 76.1	152107676	2	1
88.9 x 88.9	152108888	1	1
108 x 108	1521108108	1	1



Stainless Steel 304 Fittings



Bend 45°

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	152301515	120	10
22 x 22	152302222	60	10
28 x 28	152302828	30	10
35 x 35	152303535	20	4
42 x 42	152304242	12	2
54 x 54	152305454	6	2
66.7 x 66.7	152306666	2	1
76.1 x 76.1	152307676	2	1
88.9 x 88.9	152308888	1	1
108 x 108	1523108108	1	1



Bend 45° Ø

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	152401515	120	10
22 x 22	152402222	60	10
28 x 28	152402828	30	10
35 x 35	152403535	20	4
42 x 42	152404242	12	2
54 x 54	152405454	6	2
66.7 x 66.7	152406666	2	1
76.1 x 76.1	152407676	2	1
88.9 x 88.9	152408888	1	1
108 x 108	1524108108	1	1



Bend 90° Male

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1531015012	80	10
15 x 3/8"	1531015038	80	10
22 x 3/4"	1531022034	40	10
28 x 1"	1531028100	20	4
35 x 1 1/4"	1531035114	12	4
42 x 1 1/2"	1531042112	8	2
54 x 2"	1531054200	4	1



Bend 90° Female

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1532015012	80	10
15 x 3/8"	1532015038	80	10
22 x 3/4"	1532022034	40	10
28 x 1"	1532028100	20	4
34 x 1 1/4"	1532035114	12	4



Male Adapter

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1501015012	150	10
15 x 3/4"	1501015034	100	10
15 x 3/8"	1501015038	50	10
22 x 1/2"	1501022012	100	10
22 x 3/4"	1501022034	80	10
22 x 1"	1501022100	50	10
28 x 3/4"	1501028034	50	10
28 x 1"	1501028100	50	10
35 x 1"	1501035100	24	4
35 x 1 1/4"	1501035114	24	4
42 x 1 1/2"	1501042112	20	4
54 x 2"	1501054200	10	2
66.7 x 2 1/2"	1501066212	2	1
76.1 x 2 1/2"	1501076212	1	1
88.9 x 3"	1501088300	1	1
108 x 4"	1501108400	1	1



Female Adapter

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1502015012	120	10
15 x 3/4"	1502015034	80	10
15 x 3/8"	1502015038	80	10
22 x 1/2"	1502022012	100	10
22 x 3/4"	1502022034	80	10
22 x 1"	1502022100	50	10
28 x 3/4"	1502028034	50	10
28 x 1"	1502028100	50	10
35 x 1"	1502035100	24	4
35 x 1 1/4"	1502035114	24	4
42 x 1 1/2"	1502042112	20	4
54 x 2"	1502054200	10	2





Socket Reducer

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22 x 15	154302215	120	10
28 x 15	154302815	80	10
28 x 22	154302822	60	10
35 x 15	154303515	40	10
35 x 22	154303522	40	10
35 x 28	154303528	32	4
42 x 15	154304215	24	4
42 x 22	154304222	24	4
42 x 28	154304228	24	4
42 x 35	154304235	24	4
54 x 15	154305415	12	2
54 x 22	154305422	12	2
54 x 28	154305428	12	2
54 x 35	154305435	12	2
54 x 42	154305442	12	2
66.7 x 22	154306622	3	1
66.7 x 28	154306628	3	1
66.7 x 35	154306635	3	1
66.7 x 42	154306642	3	1
66.7 x 54	154306654	3	1
76.1 x 22	154307622	3	1
76.1 x 28	154307628	3	1
76.1 x 35	154307635	3	1
76.1 x 42	154307642	3	1
76.1 x 54	154307654	3	1
76.1 x 66.7	154307666	3	1
88.9 x 22	154308822	1	1
88.9 x 28	154308828	1	1
88.9 x 35	154308835	1	1
88.9 x 42	154308842	1	1
88.9 x 54	154308854	1	1
88.9 x 76.1	154308876	1	1
108 x 22	154310822	1	1
108 x 28	154310828	1	1
108 x 35	154310835	1	1
108 x 42	154310842	1	1
108 x 54	154310854	1	1
108 x 66.7	154310866	1	1
108 x 76.1	154310876	1	1
108 x 88.9	154310888	1	1



Reducing Tee

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22 x 15 x 22	15110221522	40	10
28 x 15 x 28	15110281528	30	10
28 x 22 x 28	15110282228	30	10
35 x 15 x 35	15110351535	16	4
35 x 22 x 35	15110352235	16	4
35 x 28 x 35	15110352835	16	4
42 x 15 x 42	15110421542	12	4
42 x 22 x 42	15110422242	12	4
42 x 28 x 42	15110422842	12	4
42 x 35 x 42	15110423542	10	2
54 x 15 x 54	15110541554	6	1
54 x 22 x 54	15110542254	6	1
54 x 28 x 54	15110542854	6	1
54 x 35 x 54	15110543554	6	1
54 x 42 x 54	15110544254	6	1
66.7 x 22 x 66.7	15110662266	2	1
66.7 x 28 x 66.7	15110662866	2	1
66.7 x 35 x 66.7	15110663566	2	1
66.7 x 42 x 66.7	15110664266	2	1
66.7 x 54 x 66.7	15110665466	2	1
76.1 x 22 x 76.1	15110762276	1	1
76.1 x 28 x 76.1	15110762876	1	1
76.1 x 35 x 76.1	15110763576	1	1
76.1 x 42 x 76.1	15110764276	1	1
76.1 x 54 x 76.1	15110765476	1	1
76.1 x 66.1 x 76.1	15110766676	1	1
88.9 x 22 x 88.9	15110882288	1	1
88.9 x 28 x 88.9	15110882888	1	1
88.9 x 35 x 88.9	15110883588	1	1
88.9 x 42 x 88.9	15110884288	1	1
88.9 x 54 x 88.9	15110885488	1	1
88.9 x 76.1 x 88.9	15110887688	1	1
108 x 22 x 108	151110822108	1	1
108 x 28 x 108	151110828108	1	1
108 x 35 x 108	151110835108	1	1
108 x 42 x 108	151110842108	1	1
108 x 54 x 108	151110854108	1	1
108 x 66.7 x 108	151110866108	1	1
108 x 76.1 x 108	151110876108	1	1
108 x 88.9 x 108	151110888108	1	1



Endcap

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15	1541015	30	10
22	1541022	30	10
28	1541028	30	10
35	1541035	24	4
42	1541042	20	4
54	1541054	16	2
66.7	1541066	4	1
76.1	1541076	2	1
88.9	1541088	1	1
108	1541108	1	1



Wallplate Female

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1534015012	50	10
22 x 3/4"	1534022034	30	10





Equal Tee

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15 x 15	15100151515	80	10
22 x 22 x 22	15100222222	40	10
28 x 28 x 28	15100282828	24	4
35 x 35 x 35	15100353535	12	2
42 x 42 x 42	15100424242	8	2
54 x 54 x 54	15100545454	4	1
66.7 x 66.7 x 66.7	15100666666	2	1
76.1 x 76.1 x 76.1	15100767676	1	1
88.9 x 88.9 x 88.9	15100888888	1	1
108 x 108 x 108	1510108108108	1	1



Female Tee

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2" x 15	15120151215	60	10
15 x 3/8" x 15	15120153815	60	10
22 x 1/2" x 22	15120221222	40	10
22 x 3/4" x 22	15120223422	40	10
28 x 1/2" x 28	15120281228	30	10
28 x 3/4" x 28	15120283428	24	4
28 x 1" x 28	15120281028	24	4
35 x 1/2" x 35	15120351235	16	4
35 x 3/4" x 35	15120353435	12	2
35 x 1" x 35	15120351035	12	2
35 x 1 1/4" x 35	15120351135	12	2
42 x 1/2" x 42	15120421242	10	2
42 x 3/4" x 42	15120423442	8	1
42 x 1" x 42	15120421042	8	1
42 x 1 1/2" x 42	15120421142	8	1
54 x 1/2" x 54	15120541254	6	1
54 x 3/4" x 54	15120543454	6	1
54 x 1" x 54	15120541054	6	1
54 x 2" x 54	15120542054	6	1
66.7 x 3/4" x 66.7	15120663466	2	1
76.1 x 3/4" x 76.1	15120763476	1	1
76.1 x 2" x 76.1	15120762076	1	1
88.9 x 3/4" x 88.9	15120883488	1	1
88.9 x 2" x 88.9	15120882088	1	1
108 x 3/4" x 108	151210834108	1	1
108 x 2" x 108	151210820108	1	1



Flange with Press Joint

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22 PN16 DN20 (4 holes)	1540022	1	1
28 PN16 DN25 (4 holes)	1540028	1	1
35 PN16 DN32 (4 holes)	1540035	1	1
42 PN16 DN40 (4 holes)	1540042	1	1
54 PN16 DN50 (4 holes)	1540054	1	1
66.7 PN16 DN65 (8 holes)	1540066	1	1
76.1 PN16 DN65 (4 holes)	1540076	1	1
76.1 PN16 DN80 (8 holes)	1540076-80	1	1
88.9 PN16 DN80 (8 holes)	1540088	1	1
108 PN16 DN100 (8 holes)	1540108	1	1



Bend 90° ØxØ

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	153501515	60	10
22 x 22	153502222	40	10
28 x 28	153502828	20	4
35 x 35	153503535	6	2
42 x 42	153504242	2	1
54 x 54	153505454	2	1
76.1 x 76.1	153507676	1	1
88.9 x 88.9	153508888	1	1
108 x 108	1535108108	1	1



Tap Connector

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1507015012	30	10
15 x 3/4"	1507015034	30	10
22 x 1"	1507022100	30	10
28 x 1 1/4"	1507028114	24	4
35 x 1 1/2"	1507035112	24	4



Partial Crossover ØxØ

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	153601515	60	10
22 x 22	153602222	40	10
28 x 28	153602828	16	4



Male Union Adapter - with Flat Seal

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1508015012	10	5
22 x 3/4"	1508022034	10	5
28 x 1"	1508028100	8	4
35 x 1 1/4"	1508035114	8	4
42 x 1 1/2"	1508042112	4	2
54 x 2"	1508054200	2	1



Bend 45° ØxØ

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	153801515	40	4
22 x 22	153802222	40	4
28 x 28	153802828	20	4
35 x 35	153803535	10	1
42 x 42	153804242	6	1
54 x 54	153805454	2	1
76.1 x 76.1	153807676	1	1
88.9 x 88.9	153808888	1	1
108 x 108	1538108108	1	1



Stainless Steel 304 Gas Fittings

HNBR



Seal Definition	HNBR - Hydrogenated Nitrile Butadiene Rubber
Sizes	15mm - 168mm
Pressure	16 bar (5 for Natural Gases)
Min Temp	-30degC
Max Temp	150degC (70degC Gas)
Warranty (Years)	50 Years (against manufacturers defects)
Specification	DVGW G260 G262 (IGEM)
Formed	1.4404 according to EN10088/304
Threaded	1.4408 according to EN10283/304
Pipe (distributor supplied)	1.4301 according to EN10088-3



Applications

Commercial / Industrial Offshore
 Low Pressure Hydraulic Systems
 Commercial & Industrial Flammable Gases DVGW G260, G262
 Inert Gases*

Application Services

Commercial & Industrial Methane Gas
 Low Pressure Hydraulic Oil
 Commercial & Industrial LPG & Natural Gas
 *Helium, Neon, Argon, Krypton, Xenon, Radon

Straight Coupling

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	180001515	150	10
22 x 22	180002222	80	10
28 x 28	180002828	50	10
35 x 35	180003535	24	4
42 x 42	180004242	20	2
54 x 54	180005454	12	2
66.7 x 66.7	180006666	3	1
76.1 x 76.1	180007676	3	1
88.9 x 88.9	180008888	2	1
108 x 108	1800108108	1	1



Slip Coupling

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	180401515	50	10
22 x 22	180402222	50	10
28 x 28	180402828	30	10
35 x 35	180403535	20	10
42 x 42	180404242	12	4
54 x 54	180405454	8	4
66.7 x 66.7	180406666	2	1
76.1 x 76.1	180407676	2	1
88.9 x 88.9	180408888	1	1
108 x 108	1804108108	1	1



Bend 90°

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	182001515	100	10
22 x 22	182002222	50	10
28 x 28	182002828	30	10
35 x 35	182003535	12	4
42 x 42	182004242	8	2
54 x 54	182005454	6	2
66.7 x 66.7	182006666	2	1
76.1 x 76.1	182007676	2	1
88.9 x 88.9	182008888	1	1
108 x 108	1820108108	1	1



Bend 90°Ø

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	182101515	100	10
22 x 22	182102222	50	10
28 x 28	182102828	30	10
35 x 35	182103535	12	4
42 x 42	182104242	8	2
54 x 54	182105454	6	2
66.7 x 66.7	182106666	2	1
76.1 x 76.1	182107676	2	1
88.9 x 88.9	182108888	1	1
108 x 108	1821108108	1	1



Stainless Steel 304 Gas Fittings

Bend 45°

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	182301515	120	10
22 x 22	182302222	60	10
28 x 28	182302828	30	10
35 x 35	182303535	20	4
42 x 42	182304242	12	2
54 x 54	182305454	6	2
66.7 x 66.7	182306666	2	1
76.1 x 76.1	182307676	2	1
88.9 x 88.9	182308888	1	1
108 x 108	1823108108	1	1



Bend 45° Ø

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	182401515	120	10
22 x 22	182402222	60	10
28 x 28	182402828	30	10
35 x 35	182403535	20	4
42 x 42	182404242	12	2
54 x 54	182405454	6	2
66.7 x 66.7	182406666	2	1
76.1 x 76.1	182407676	2	1
88.9 x 88.9	182408888	1	1
108 x 108	1824108108	1	1



Bend 90° Male

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1831015012	80	10
15 x 3/8"	1831015038	80	10
22 x 3/4"	1831022034	40	10
28 x 1"	1831028100	20	4
35 x 1 1/4"	1831035114	12	4
42 x 1 1/2"	1831042112	8	2
54 x 2"	1831054200	4	1



Bend 90° Female

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1832015012	80	10
15 x 3/8"	1832015038	80	10
22 x 3/4"	1832022034	40	10
28 x 1"	1832028100	20	4
35 x 1 1/4"	1832035114	12	4



Male Adapter

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1801015012	150	10
15 x 3/4"	1801015034	100	10
15 x 3/8"	1801015038	50	10
22 x 1/2"	1801022012	100	10
23 x 3/4"	1801022034	80	10
22 x 1"	1801022100	50	10
28 x 3/4"	1801028034	50	10
28 x 1"	1801028100	50	10
35 x 1"	1801035100	24	4
35 x 1 1/4"	1801035114	24	4
42 x 1 1/2"	1801042112	20	4
54 x 2"	1801054200	10	2
66.7 x 2 1/2"	1801066212	2	1
76.1 x 2 1/2"	1801076212	1	1
88.9 x 3"	1801088300	1	1
108 x 4"	1801108400	1	1



Female Adapter

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1802015012	120	10
15 x 3/4"	1802015034	80	10
15 x 3/8"	1802015038	80	10
22 x 1/2"	1802022012	100	10
23 x 3/4"	1802022034	80	10
22 x 1"	1802022100	50	10
28 x 3/4"	1802028034	50	10
28 x 1"	1802028100	50	10
35 x 1"	1802035100	24	4
35 x 1 1/4"	1802035114	24	4
42 x 1 1/2"	1802042112	20	4
54 x 2"	1802054200	10	2



Male Union Adapter - with Flat Seal

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1808015012	10	5
22 x 3/4"	1808022034	10	5
28 x 1"	1808028100	8	4
35 x 1 1/4"	1808035114	8	4
42 x 1 1/2"	1808042112	4	2
54 x 2"	1808054200	2	1



Stainless Steel 304 Gas Fittings



Socket Reducer

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22 x 15	184302215	120	10
28 x 15	184302815	80	10
28 x 22	184302822	60	10
35 x 15	184303515	40	10
35 x 22	184303522	40	10
35 x 28	184303528	32	4
42 x 15	184304215	24	4
42 x 22	184304222	24	4
42 x 28	184304228	24	4
42 x 35	184304235	24	4
54 x 15	184305415	12	2
54 x 22	184305422	12	2
54 x 28	184305428	12	2
54 x 35	184305435	12	2
54 x 42	184305442	12	2
66.7 x 22	184306622	3	1
66.7 x 28	184306628	3	1
66.7 x 35	184306635	3	1
66.7 x 42	184306642	3	1
66.7 x 54	184306654	3	1
76.1 x 22	184307622	3	1
76.1 x 28	184307628	3	1
76.1 x 35	184307635	3	1
76.1 x 42	184307642	3	1
76.1 x 54	184307654	3	1
76.1 x 66.7	184307666	3	1
88.9 x 22	184308822	1	1
88.9 x 28	184308828	1	1
88.9 x 35	184308835	1	1
88.9 x 42	184308842	1	1
88.9 x 54	184308854	1	1
88.9 x 76.1	184308876	1	1
108 x 22	184310822	1	1
108 x 28	184310828	1	1
108 x 35	184310835	1	1
108 x 42	184310842	1	1
108 x 54	184310854	1	1
108 x 66.7	184310866	1	1
108 x 76.1	184310876	1	1
108 x 88.9	184310888	1	1



Reducing Tee

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22 x 15 x 22	18110221522	40	10
28 x 15 x 28	18110281528	30	10
28 x 22 x 28	18110282228	30	10
35 x 15 x 35	18110351535	16	4
35 x 22 x 35	18110352235	16	4
35 x 28 x 35	18110352835	16	4
42 x 15 x 42	18110421542	12	4
42 x 22 x 42	18110422242	12	4
42 x 28 x 42	18110422842	12	4
42 x 35 x 42	18110423542	10	2
54 x 15 x 54	18110541554	6	1
54 x 22 x 54	18110542254	6	1
54 x 28 x 54	18110542854	6	1
54 x 35 x 54	18110543554	6	1
54 x 42 x 54	18110544254	6	1
66.7 x 22 x 66.7	18110662266	2	1
66.7 x 28 x 66.7	18110662866	2	1
66.7 x 35 x 66.7	18110663566	2	1
66.7 x 42 x 66.7	18110664266	2	1
66.7 x 54 x 66.7	18110665466	2	1
76.1 x 22 x 76.1	18110762276	1	1
76.1 x 28 x 76.1	18110762876	1	1
76.1 x 35 x 76.1	18110763576	1	1
76.1 x 42 x 76.1	18110764276	1	1
76.1 x 54 x 76.1	18110765476	1	1
76.1 x 66 x 76.1	18110766676	1	1
88.9 x 22 x 88.9	18110882288	1	1
88.9 x 28 x 88.9	18110882888	1	1
88.9 x 35 x 88.9	18110883588	1	1
88.9 x 42 x 88.9	18110884288	1	1
88.9 x 54 x 88.9	18110885488	1	1
88.9 x 76 x 88.9	18110887688	1	1
108 x 22 x 108	181110822108	1	1
108 x 28 x 108	181110828108	1	1
108 x 35 x 108	181110835108	1	1
108 x 42 x 108	181110842108	1	1
108 x 54 x 108	181110854108	1	1
108 x 66.7 x 108	181110866108	1	1
108 x 76.1 x 108	181110876108	1	1
108 x 88.9 x 108	181110888108	1	1



Endcap

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15	1841015	30	10
22	1841022	30	10
28	1841028	30	10
35	1841035	24	4
42	1841042	20	4
54	1841054	16	2
66.7	1841066	4	1
76.1	1841076	2	1
88.9	1841088	1	1
108	1841108	1	1



Wallplate Female

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1834015012	50	10
22 x 3/4"	1834022034	30	10



Stainless Steel 304 Gas Fittings



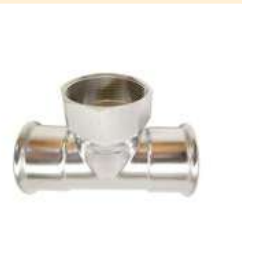
Equal Tee

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15 x 15	18100151515	80	10
22 x 22 x 22	18100222222	40	10
28 x 28 x 28	18100282828	24	4
35 x 35 x 35	18100353535	12	2
42 x 42 x 42	18100424242	8	2
54 x 54 x 54	18100545454	4	1
66.7 x 66.7 x 66.7	18100666666	2	1
76.1 x 76.1 x 76.1	18100767676	1	1
88.9 x 88.9 x 88.9	18100888888	1	1
108 x 108 x 108	1810108108108	1	1



Female Tee

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2" x 15	18120151215	60	10
15 x 3/8" x 15	18120153815	60	10
22 x 1/2" x 22	18120221222	40	10
22 x 3/4" x 22	18120223422	40	10
28 x 1/2" x 28	18120281228	30	10
28 x 3/4" x 28	18120283428	30	10
35 x 1/2" x 35	18120351235	16	4
35 x 3/4" x 35	18120353435	16	4
42 x 1/2" x 42	18120421242	10	2
42 x 3/4" x 42	18120423442	10	2
54 x 1/2" x 54	18120541254	1	1
54 x 3/4" x 54	18120543454	1	1
66.7 x 3/4" x 66.7	18120663466	1	1
76.1 x 3/4" x 76.1	18120763476	1	1
88.9 x 3/4" x 88.9	18120883488	1	1



Flange with Press Joint

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22 PN16 DN20 (4 holes)	1840022	1	1
28 PN16 DN25 (4 holes)	1840028	1	1
35 PN16 DN32 (4 holes)	1840035	1	1
42 PN16 DN40 (4 holes)	1840042	1	1
54 PN16 DN50 (4 holes)	1840054	1	1
66.7 PN16 DN65 (8 holes)	1840066	1	1
76.1 PN16 DN65 (4 holes)	1840076	1	1
76.1 PN16 DN80 (8 holes)	1840076-80	1	1
88.9 PN16 DN80 (8 holes)	1840088	1	1
108 PN16 DN100 (8 holes)	1840108	1	1



Stainless Steel 304 FKM (Industry)

FKM

Seal Definition	Fluoro-Elastomer (Viton)
Sizes	15mm - 168mm
Pressure	16 bar
Min Temp	-30degC
Max Temp	205degC
Warranty (Years)	50 Years (against manufacturers defects)
Specification	N/A
Formed	1.4404 according to EN10088/304
Threaded	1.4408 according to EN10283/304
Pipe (distributor supplied)	1.4301 according to EN10088-3



Applications

Commercial Solar Thermal Heating
Industrial Heating Systems
Commercial Steam Condensate
Industrial Compressed Air
Acidic Transportation
Hydraulic Applications
Oil & Fuel

Application Services

High Temperature Heating / HWS
Diesel, Kerosene, Petroleum, Paraffin
Low Pressure Steam Condensate (7bar max/120degC)
Industrial Compressed Air (>25mg/M3 compressor oils)
Acid Solutions
Hydraulic Oil
Heavy Oil and Fuel Transportation

Straight Coupling

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	190001515	150	10
22 x 22	190002222	80	10
28 x 28	190002828	50	10
35 x 35	190003535	24	4
42 x 42	190004242	20	2
54 x 54	190005454	12	2
66.7 x 66.7	190006666	3	1
76.1 x 76.1	190007676	3	1
88.9 x 88.9	190008888	2	1
108 x 108	1900108108	1	1



Slip Coupling

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	190401515	50	10
22 x 22	190402222	50	10
28 x 28	190402828	30	10
35 x 35	190403535	20	10
42 x 42	190404242	12	4
54 x 54	190405454	8	4
66.7 x 66.7	190406666	2	1
76.1 x 76.1	190407676	2	1
88.9 x 88.9	190408888	1	1
108 x 108	1904108108	1	1



Bend 90°

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	192001515	100	10
22 x 22	192002222	50	10
28 x 28	192002828	30	10
35 x 35	192003535	12	4
42 x 42	192004242	8	2
54 x 54	192005454	6	2
66.7 x 66.7	192006666	2	1
76.1 x 76.1	192007676	2	1
88.9 x 88.9	192008888	1	1
108 x 108	1920108108	1	1



Bend 90°Ø

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	192101515	100	10
22 x 22	192102222	50	10
28 x 28	192102828	30	10
35 x 35	192103535	12	4
42 x 42	192104242	8	2
54 x 54	192105454	6	2
66.7 x 66.7	192106666	2	1
76.1 x 76.1	192107676	2	1
88.9 x 88.9	192108888	1	1
108 x 108	1921108108	1	1





Bend 45°

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	192301515	120	10
22 x 22	192302222	60	10
28 x 28	192302828	30	10
35 x 35	192303535	20	4
42 x 42	192304242	12	2
54 x 54	192305454	6	2
66.7 x 66.7	192306666	2	1
76.1 x 76.1	192307676	2	1
88.9 x 88.9	192308888	1	1
108 x 108	1923108108	1	1



Bend 45° Ø

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	192401515	120	10
22 x 22	192402222	60	10
28 x 28	192402828	30	10
35 x 35	192403535	20	4
42 x 42	192404242	12	2
54 x 54	192405454	6	2
66.7 x 66.7	192406666	2	1
76.1 x 76.1	192407676	2	1
88.9 x 88.9	192408888	1	1
108 x 108	1924108108	1	1



Bend 90° Male

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1931015012	80	10
15 x 3/8"	1931015038	80	10
22 x 3/4"	1931022034	40	10
28 x 1"	1931028100	20	4
35 x 1 1/4"	1931035114	12	4
42 x 1 1/2"	1931042112	8	2
54 x 2"	1931054200	4	1



Bend 90° Female

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1932015012	80	10
15 x 3/8"	1932015038	80	10
22 x 3/4"	1932022034	40	10
28 x 1"	1932028100	20	4
35 x 1 1/4"	1932035114	12	4



Male Adapter

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1901015012	150	10
15 x 3/4"	1901015034	100	10
15 x 3/8"	1901015038	50	10
22 x 1/2"	1901022012	100	10
23 x 3/4"	1901022034	80	10
22 x 1"	1901022100	50	10
28 x 3/4"	1901028034	50	10
28 x 1"	1901028100	50	10
35 x 1"	1901035100	24	4
35 x 1 1/4"	1901035114	24	4
42 x 1 1/2"	1901042112	20	4
54 x 2"	1901054200	10	2
66.7 x 2 1/2"	1901066212	2	1
76.1 x 2 1/2"	1901076212	1	1
88.9 x 3"	1901088300	1	1
108 x 4"	1901108400	1	1



Female Adapter

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1901015012	120	10
15 x 3/4"	1902015034	80	10
15 x 3/8"	1902015038	80	10
22 x 1/2"	1902022012	100	10
23 x 3/4"	1902022034	80	10
22 x 1"	1902022100	50	10
28 x 3/4"	1902028034	50	10
28 x 1"	1902028100	50	10
35 x 1"	1902035100	24	4
35 x 1 1/4"	1902035114	24	4
42 x 1 1/2"	1902042112	20	4
54 x 2"	1902054200	10	2



Endcap

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15	1941015	30	10
22	1941022	30	10
28	1941028	30	10
35	1941035	24	4
42	1941042	20	4
54	1941054	16	2
66.7	1941066	4	1
76.1	1941076	2	1
88.9	1941088	1	1
108	1941108	1	1



Wallplate Female

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1934015012	50	10
22 x 3/4"	1934022034	30	10





Socket Reducer

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22 x 15	194302215	120	10
28 x 15	194302815	80	10
28 x 22	194302822	60	10
35 x 15	194303515	40	10
35 x 22	194303522	40	10
35 x 28	194303528	32	4
42 x 15	194304215	24	4
42 x 22	194304222	24	4
42 x 28	194304228	24	4
42 x 35	194304235	24	4
54 x 15	194305415	12	2
54 x 22	194305422	12	2
54 x 28	194305428	12	2
54 x 35	194305435	12	2
54 x 42	194305442	12	2
66.7 x 22	194306622	3	1
66.7 x 28	194306628	3	1
66.7 x 35	194306635	3	1
66.7 x 42	194306642	3	1
66.7 x 54	194306654	3	1
76.1 x 22	194307622	3	1
76.1 x 28	194307628	3	1
76.1 x 35	194307635	3	1
76.1 x 42	194307642	3	1
76.1 x 54	194307654	3	1
76.1 x 66.7	194307666	3	1
88.9 x 22	194308822	1	1
88.9 x 28	194308828	1	1
88.9 x 35	194308835	1	1
88.9 x 42	194308842	1	1
88.9 x 54	194308854	1	1
88.9 x 76.1	194308876	1	1
108 x 22	194310822	1	1
108 x 28	194310828	1	1
108 x 35	194310835	1	1
108 x 42	194310842	1	1
108 x 54	194310854	1	1
108 x 66.7	194310866	1	1
108 x 76.1	194310876	1	1
108 x 88.9	194310888	1	1



Reducing Tee

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22 x 15 x 22	19110221522	40	10
28 x 15 x 28	19110281528	30	10
28 x 22 x 28	19110282228	30	10
35 x 15 x 35	19110351535	16	4
35 x 22 x 35	19110352235	16	4
35 x 28 x 35	19110352835	16	4
42 x 15 x 42	19110421542	12	4
42 x 22 x 42	19110422242	12	4
42 x 28 x 42	19110422842	12	4
42 x 35 x 42	19110423542	10	2
54 x 15 x 54	19110541554	6	1
54 x 22 x 54	19110542254	6	1
54 x 28 x 54	19110542854	6	1
54 x 35 x 54	19110543554	6	1
54 x 42 x 54	19110544254	6	1
66.7 x 22 x 66.7	19110662266	2	1
66.7 x 28 x 66.7	19110662866	2	1
66.7 x 35 x 66.7	19110663566	2	1
66.7 x 42 x 66.7	19110664266	2	1
66.7 x 54 x 66.7	19110665466	2	1
76.1 x 22 x 76.1	19110762276	1	1
76.1 x 28 x 76.1	19110762876	1	1
76.1 x 35 x 76.1	19110763576	1	1
76.1 x 42 x 76.1	19110764276	1	1
76.1 x 54 x 76.1	19110765476	1	1
76.1 x 66.7 x 76.1	19110766676	1	1
88.9 x 22 x 88.9	19110882288	1	1
88.9 x 28 x 88.9	19110882888	1	1
88.9 x 35 x 88.9	19110883588	1	1
88.9 x 42 x 88.9	19110884288	1	1
88.9 x 54 x 88.9	19110885488	1	1
88.9 x 76.1 x 88.9	19110887688	1	1
108 x 22 x 108	191110822108	1	1
108 x 28 x 108	191110828108	1	1
108 x 35 x 108	191110835108	1	1
108 x 42 x 108	191110842108	1	1
108 x 54 x 108	191110854108	1	1
108 x 66.7 x 108	191110866108	1	1
108 x 76.1 x 108	191110876108	1	1
108 x 88.9 x 108	191110888108	1	1



Tap Connector

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1907015012	30	10
15 x 3/4"	1907015034	30	10
22 x 1"	1907022100	30	10
28 x 1 1/4"	1907028114	24	4
35 x 1 1/2"	1907035112	24	4



Male Union Adapter - with Flat Seal

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	1908015012	10	5
22 x 3/4"	1908022034	10	5
28 x 1"	1908028100	8	4
35 x 1 1/4"	1908035114	8	4
42 x 1 1/2"	1908042112	4	2
54 x 2"	1908054200	2	1



Flange with Press Joint

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22 PN16 DN20 (4 holes)	1940022	1	1
28 PN16 DN25 (4 holes)	1940028	1	1
35 PN16 DN32 (4 holes)	1940035	1	1
42 PN16 DN40 (4 holes)	1940042	1	1
54 PN16 DN50 (4 holes)	1940054	1	1
66.7 PN16 DN65 (8 holes)	1940066	1	1
76.1 PN16 DN65 (4 holes)	1940076	1	1
76.1 PN16 DN80 (8 holes)	1940076-80	1	1
88.9 PN16 DN80 (8 holes)	1940088	1	1
108 PN16 DN100 (8 holes)	1940108	1	1





Female Tee

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2" x 15	19120151215	60	10
15 x 3/8" x 15	19120153815	60	10
22 x 1/2" x 22	19120221222	40	10
22 x 3/4" x 22	19120223422	40	10
28 x 1/2" x 28	19120281228	30	10
28 x 3/4" x 28	19120283428	24	4
28 x 1" x 28	19120281028	24	4
35 x 1/2" x 35	19120351235	16	4
35 x 3/4" x 35	19120353435	12	2
35 x 1" x 35	19120351035	12	2
35 x 1 1/4" x 35	19120351135	12	2
42 x 1/2" x 42	19120421242	10	2
42 x 3/4" x 42	19120423442	8	1
42 x 1" x 42	19120421042	8	1
42 x 1 1/2" x 42	19120421142	8	1
54 x 1/2" x 54	19120541254	6	1
54 x 3/4" x 54	19120543454	6	1
54 x 1" x 54	19120541054	6	1
54 x 2" x 54	19120542054	6	1
66.7 x 3/4" x 66.7	19120663466	2	1
76.1 x 3/4" x 76.1	19120763476	1	1
76.1 x 2" x 76.1	19120762076	1	1
88.9 x 3/4" x 88.9	19120883488	1	1
88.9 x 2" x 88.9	19120882088	1	1
108 x 3/4" x 108	191210834108	1	1
108 x 2" x 108	191210820108	1	1



Equal Tee

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15 x 15	19100151515	80	10
22 x 22 x 22	19100222222	40	10
28 x 28 x 28	19100282828	24	4
35 x 35 x 35	19100353535	12	2
42 x 42 x 42	19100424242	8	2
54 x 54 x 54	19100545454	4	1
66.7 x 66.7 x 66.7	19100666666	2	1
76.1 x 76.1 x 76.1	19100767676	1	1
88.9 x 88.9 x 88.9	19100888888	1	1
108 x 108 x 108	1910108108108	1	1



Stainless Steel 304 MXL Fittings

EPDM



Seal Definition	EPDM - Ethylene Propylene Diene Monomer
Sizes	15mm - 168mm
Pressure	16 bar
Min Temp	-30degC
Max Temp	120degC
Warranty (Years)	50 Years (against manufacturers defects)
Specification	WRAS
Formed	1.4404 according to EN10088/304
Threaded	1.4408 according to EN10283/304
Pipe (distributor supplied)	1.4301 according to EN10088-3



Applications

Potable Water Services
Hydronic Heating
Compressed Air
BCWS (Boosted Cold Water Services)
Chilled Water Applications
Inert Gases*
Purified Water
Fire Suppression Systems

Application Services

Drinking Water
HWS & Domestic Heating
Compressed Air (<25mg/M3 Compressor Oils)
BCWS and Risers
Cooling Water (chilled Water) with Glycol <50% concentration
Grey Water
*Helium, Neon, Argon, Krypton, Xenon, Radon
Low Pressure Steam Condensate
Fire Sprinkler Systems

Straight Coupling

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 139.7	1500139139	1	1
168.3 x 168.3	1500168168	1	1



Bend 90°

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 139.7	1520139139	1	1
168.3 x 168.3	1520168168	1	1



Bend 90°Ø

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 139.7	1521139139	1	1
168.3 x 168.3	1521168168	1	1



Bend 45°

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 139.7	1523139139	1	1
168.3 x 168.3	1521168168	1	1



Stainless Steel 304 MXL Fittings

Bend 45° Ø

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 139.7	1524139139	1	1
168.3 x 168.3	1524168168	1	1



Socket Reducer

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 108	1543139108	1	1
168.3 x 108	1543168108	1	1
168.3 x 139.7	1543168139	1	1



Equal Tee

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 139.7 x 139.7	1510139139139	1	1
168.3 x 168.3 x 168.3	1510168168168	1	1



Reducing Tee

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 108 x 139.7	1511139108139	1	1
168.3 x 108 x 168.3	1511168108168	1	1
168.3 x 139.7 x 168.3	1511168139168	1	1



Flange with Press Joint

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 PN16 DN125 (8 holes)	1540139139	1	1
168.3 PN16 DN150 (8 holes)	1540168168	1	1



Stainless Steel 304 MXL Gas Fittings

HNBR



Seal Definition	HNBR - Hydrogenated Nitrile Butadiene Rubber
Sizes	15mm - 168mm
Pressure	16 bar (5 bar for Natural Gases)
Min Temp	-30degC
Max Temp	150degC (70degC Gas)
Warranty (Years)	50 Years (against manufacturers defects)
Specification	DVGW G260 G262 (IGEM)
Formed	1.4404 according to EN10088/304
Threaded	1.4408 according to EN10283/304
Pipe (distributor supplied)	1.4301 according to EN10088-3



Applications

Commercial / Industrial Offshore
 Low Pressure Hydraulic Systems
 Commercial & Industrial Flammable Gases DVGW G260, G262
 Inert Gases*

Application Services

Commercial & Industrial Methane Gas
 Low Pressure Hydraulic Oil
 Commercial & Industrial LPG & Natural Gas
 *Helium, Neon, Argon, Krypton, Xenon, Radon

Straight Coupling

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 139.7	1800139139	1	1
168.3 x 168.3	1800168168	1	1



Bend 90°

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 139.7	1820139139	1	1
168.3 x 168.3	1820168168	1	1



Bend 90°Ø

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 139.7	1821139139	1	1
168.3 x 168.3	1821168168	1	1



Bend 45°

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 139.7	1823139139	1	1
168.3 x 168.3	1823168168	1	1





Bend 45° Ø

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 139.7	1824139139	1	1
168.3 x 168.3	1824168168	1	1



Socket Reducer

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 108	1843139108	1	1
168.3 x 108	1843168108	1	1
168.3 x 139.7	1843168139	1	1



Equal Tee

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 139.7 x 139.7	1810139139139	1	1
168.3 x 168.3 x 168.3	1810168168168	1	1



Reducing Tee

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 108 x 139.7	1811139108139	1	1
168.3 x 108 x 168.3	181168108168	1	1
168.3 x 139.7 x 168.3	181168108168	1	1



Flange with Press Joint

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 PN16 DN125 (8 holes)	1840139139	1	1
168.3 PN16 DN150 (8 holes)	1840168168	1	1



Stainless Steel 304 MXL FKM (Industry)

FKM

Seal Definition	Fluoro-Elastomer (Viton)
Sizes	15mm - 168mm
Pressure	16 bar
Min Temp	-30degC
Max Temp	205degC
Warranty (Years)	50 Years (against manufacturers defects)
Specification	N/A
Formed	1.4404 according to EN10088/304
Threaded	1.4408 according to EN10283/304
Pipe (distributor supplied)	1.4301 according to EN10088-3



Applications

Commercial Solar Thermal Heating
Industrial Heating Systems
Commercial Steam Condensate
Industrial Compressed Air
Acidic Transportation
Hydraulic Applications
Oil & Fuel

Application Services

High Temperature Heating / HWS
Diesel, Kerosene, Petroleum, Paraffin
Low Pressure Steam Condensate (7bar max/120degC)
Industrial Compressed Air (>25mg/M3 compressor oils)
Acid Solutions
Hydraulic Oil
Heavy Oil and Fuel Transportation

Straight Coupling

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 139.7	1900139139	1	1
168.3 x 168.3	1900168168	1	1



Bend 90°

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 139.7	1920139139	1	1
168.3 x 168.3	1920168168	1	1



Bend 90°Ø

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 139.7	1921139139	1	1
168.3 x 168.3	1921168168	1	1



Bend 45°

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 139.7	1923139139	1	1
168.3 x 168.3	1923168168	1	1



Bend 45°Ø

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 139.7	1924139139	1	1
168.3 x 168.3	1924168168	1	1



Socket Reducer

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 108	1943139108	1	1
168.3 x 108	1943168108	1	1
168.3 x 139.7	1943168139	1	1





Equal Tee

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 139.7 x 139.7	1910139139139	1	1
168.3 x 168.3 x 168.3	1910168168168	1	1



Reducing Tee

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 x 108 x 139.7	1911139108139	1	1
168.3 x 108 x 168.3	1911168108168	1	1
168.3 x 139.7 x 168.3	1911168139168	1	1



Flange with Press Joint

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
139.7 PN16 DN125 (8 holes)	1940139139	1	1
168.3 PN16 DN150 (8 holes)	1940168168	1	1



Carbon Steel

EPDM

Seal Definitions	EPDM - Ethylene Propylene Diene Monomer
Sizes	15mm - 108mm
Pressure	16 bar
Min Temp	-30degC
Max Temp	120deg C
Warranty (Years)	25 Years (against manufacturers defects)
Specification	N/A
Formed	1.0034 according to EN10305 (Ext Galv)
Threaded	1.0034 according to EN10305 (Ext Galv)
Pipe	Unalloyed E195 (RSt 34-2) steel galv not less than 8 microns



Applications

Commercial HWS*
 Compressed Air**
 Biomass*
 Cooling Systems*
 *Closed / Unvented Systems Only
 **Ensure Filters Approved for Mild Steel

Application Services

Commercial Heating*
 Compressed Air (<25mg/M3 Compressor Oils)**
 Biomass & District Heating Systems*
 Cooling Water (chilled Water) with Glycol <50% concentration*
 *Closed / Unvented Systems Only
 **Ensure Filters Approved for Mild Steel

Straight Coupling

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	230001515	150	10
22 x 22	230002222	80	10
28 x 28	230002828	50	10
35 x 35	230003535	24	4
42 x 42	230004242	20	2
54 x 54	230005454	12	2
66.7 x 66.7	230006666	3	1
76.1 x 76.1	230007676	3	1
88.9 x 88.9	230008888	2	1
108 x 108	2300108108	1	1



Slip Coupling

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	230401515	100	2
22 x 22	230402222	50	2
28 x 28	230402828	30	2
35 x 35	230403535	20	2
42 x 42	230404242	12	2
54 x 54	230405454	8	2
66.7 x 66.7	230406666	2	1
76.1 x 76.1	230407676	2	1
88.9 x 88.9	230408888	1	1
108 x 108	2304108108	1	1



Bend 90°

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	232001515	100	10
22 x 22	232002222	50	10
28 x 28	232002828	30	10
35 x 35	232003535	12	4
42 x 42	232004242	8	2
54 x 54	232005454	6	2
66.7 x 66.7	232006666	2	1
76.1 x 76.1	232007676	2	1
88.9 x 88.9	232008888	1	1
108 x 108	2320108108	1	1



Bend 90°Ø

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	232101515	100	10
22 x 22	232102222	50	10
28 x 28	232102828	30	10
35 x 35	232103535	12	4
42 x 42	232104242	8	2
54 x 54	232105454	6	2
66.7 x 66.7	232106666	2	1
76.1 x 76.1	232107676	2	1
88.9 x 88.9	232108888	1	1
108 x 108	2321108108	1	1



Bend 90° Male

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	2325015012	80	2
22 x 3/4"	2325022034	40	2
28 x 1"	2325028100	20	2
35 x 1 1/4"	2325035114	12	2
42 x 1 1/2"	2325042112	8	2
54 x 2"	2325054200	4	1



Bend 90° Female

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	2326015012	80	2
22 x 3/4"	2326022034	40	2
28 x 1"	2326028100	20	2
35 x 1 1/4"	2326035114	12	2



Bend 45°

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	232301515	120	10
22 x 22	232302222	60	10
28 x 28	232302828	30	10
35 x 35	232303535	20	4
42 x 42	232304242	12	2
54 x 54	232305454	6	2
66.7 x 66.7	232306666	2	1
76.1 x 76.1	232307676	2	1
88.9 x 88.9	232308888	1	1
108 x 108	2323108108	1	1



Bend 45° Ø

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	232401515	120	10
22 x 22	232402222	60	10
28 x 28	232402828	30	10
35 x 35	232403535	20	4
42 x 42	232404242	12	2
54 x 54	232405454	6	2
66.7 x 66.7	232406666	2	1
76.1 x 76.1	232407676	2	1
88.9 x 88.9	232408888	1	1
108 x 108	2324108108	1	1



Straight Adapter Male

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 3/8"	2301015038	150	10
15 x 1/2"	2301015012	150	10
22 x 1/2"	2301022012	100	10
22 x 3/4"	2301022034	80	10
22 x 1"	2301022100	50	10
28 x 3/4"	2301028034	50	10
28 x 1"	2301028100	50	10
35 x 1"	2301035100	24	4
35 x 1 1/4"	2301035114	24	4
42 x 1 1/2"	2301042112	20	4
54 x 2"	2301054200	10	2
66.7 x 2 1/2"	2301066212	2	1
76.1 x 2 1/2"	2301076212	1	1
88.9 x 3"	2301088300	1	1



Straight Adapter Female

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	2302015012	120	10
22 x 1/2"	2302022012	100	10
22 x 3/4"	2302022034	80	10
22 x 1"	2302022100	50	10
28 x 1"	2302028100	50	10
35 x 1 1/4"	2302035114	24	4
42 x 1 1/2"	2302042112	24	4
54 x 2"	2302054200	10	2



Straight Adapter Male

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	2345015012	150	2
22 x 3/4"	2345022034	80	2



Straight Adapter Female

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	2346015012	100	2
22 x 1/2"	2346022012	100	2
22 x 3/4"	2346022034	80	2



Straight Reducer

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22 x 15	230302215	100	2
28 x 15	230302815	60	2
28 x 22	230302822	50	2
35 x 28	230303528	24	2



Reducing Tee (End)

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22 x 15 x 15	23115221515	40	10
22 x 22 x 15	23115222215	40	10
28 x 22 x 22	23115282222	30	10
28 x 28 x 22	23115282822	20	5



Socket Reducer

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22 x 15	234302215	120	10
28 x 15	234302815	80	10
28 x 22	234302822	60	10
35 x 22	234303522	40	10
35 x 28	234303528	32	4
42 x 22	234304222	24	4
42 x 28	234304228	24	4
42 x 35	234304235	24	4
54 x 22	234305422	12	2
54 x 28	234305428	12	2
54 x 35	234305435	12	2
54 x 42	234305442	12	2
66.7 x 42	234306642	3	1
66.7 x 54	234306654	3	1
76.1 x 42	234307642	3	1
76.1 x 54	234307654	3	1
76.1 x 66.7	234307666	3	1
88.9 x 54	234308854	1	1
88.9 x 76.1	234308876	1	1
108 x 66.7	2343010866	1	1
108 x 76.1	2343010876	1	1
108 x 88.9	2343010888	1	1



Endcap

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15	2341015	60	2
22	2341022	50	2
28	2341028	40	2
35	2341035	24	2
42	2341042	20	2
54	2341054	16	2



T-Coupling Reduction

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 22 x 15	23112152215	50	10
22 x 28 x 22	23112222822	30	10



Elbow Transition Male

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	2331015012	80	2
22 x 3/4"	2331022034	50	2



Reducing Tee

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22 x 15 x 22	23110221522	40	10
28 x 15 x 28	23110281528	30	10
28 x 22 x 28	23110282228	30	10
35 x 15 x 35	23110351535	16	4
35 x 22 x 35	23110352235	16	4
35 x 28 x 35	23110352835	16	4
42 x 22 x 42	23110422242	12	4
42 x 28 x 42	23110422842	12	4
42 x 35 x 42	23110423542	10	2
54 x 22 x 54	23110542254	6	1
54 x 28 x 54	23110542854	6	1
54 x 35 x 54	23110543554	6	1
54 x 42 x 54	23110544254	6	1
66.7 x 28 x 66.7	23110662866	2	1
66.7 x 35 x 66.7	23110663566	2	1
66.7 x 42 x 66.7	23110664266	2	1
66.7 x 54 x 66.7	23110665466	2	1
76.1 x 22 x 76.1	23110762276	1	1
76.1 x 28 x 76.1	23110762876	1	1
76.1 x 35 x 76.1	23110763576	1	1
76.1 x 42 x 76.1	23110764276	1	1
76.1 x 54 x 76.1	23110765476	1	1
76.1 x 66.7 x 76.1	23110766676	1	1
88.9 x 54 x 88.9	23110885488	1	1
88.9 x 76.1 x 88.9	23110887688	1	1
108 x 54 x 108	231110854108	1	1
108 x 66.7 x 108	231110866108	1	1
108 x 76.1 x 108	231110876108	1	1
108 x 88.9 x 108	231110888108	1	1



Tap Connector

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 3/4"	2307015034	50	2
22 x 1"	2307022100	50	2
28 x 1 1/4"	2307028114	40	2
35 x 1 1/2"	2307035112	24	2



Union with Flat Seal

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	2308015012	10	5
22 x 3/4"	2308022034	10	5
28 x 1"	2308028100	8	4
35 x 1 1/4"	2308035114	8	4
42 x 1 1/2"	2308042112	4	2
54 x 2"	2308054200	2	1



Flange with Press Joint

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
54 PN16 DN65 (4 holes)	2340054	1	1
66.7 PN16 DN65 (4 holes)	2340066	1	1
76.1 PN16 DN65 (8 holes)	2340076	1	1
88.9 PN16 DN80 (8 holes)	2340088	1	1
108 PN16 DN100 (8 holes)	2340108	1	1



Equal Tee

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15 x 15	23100151515	80	10
22 x 22 x 22	23100222222	40	10
28 x 28 x 28	23100282828	24	4
35 x 35 x 35	23100353535	12	2
42 x 42 x 42	23100424242	8	2
54 x 54 x 54	23100545454	4	1
66.7 x 66.7 x 66.7	23100666666	2	1
76.1 x 76.1 x 76.1	23100767676	1	1
88.9 x 88.9 x 88.9	23100888888	1	1
108 x 108 x 108	2310108108108	1	1



Female Tee

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2" x 15	23120151215	60	2
22 x 1/2" x 22	23120221222	40	2
22 x 3/4" x 22	23120223422	40	2
28 x 1/2" x 28	23120281228	30	2
28 x 3/4" x 28	23120283428	24	2
35 x 1/2" x 35	23120351235	16	2
35 x 3/4" x 35	23120353435	12	2
42 x 1/2" x 42	23120421242	10	2
42 x 3/4" x 42	23120423442	8	1
54 x 1/2" x 54	23120541254	6	1
54 x 3/4" x 54	23120543454	6	1
66.7 x 3/4" x 66.7	23120663466	2	1
76.1 x 3/4" x 76.1	23120763476	1	1
88.9 x 3/4" x 88.9	23120883488	1	1
108 x 3/4" x 108	231210834108	1	1



By-Pass Bend $\phi \times \phi$

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	233601515	60	2
22 x 22	233602222	40	2
28 x 28	233602828	16	2



Bend 90° $\phi \times \phi$

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	233501515	60	2
22 x 22	233502222	40	2
28 x 28	233502828	20	2
35 x 35	233503535	6	2
42 x 42	233504242	2	1
54 x 54	233505454	2	1



Carbon Steel FKM (Industry)

(Solar / High Temp / Compressed Air / Industrial Heating Systems)

FKM

Seal Definition	Fluoro-Elastomer (Viton)
Sizes	15mm - 108mm
Pressure	16 bar
Min Temp	-30degC
Max Temp	205degC
Warranty (Years)	25 Years (against manufacturers defects)
Specification	N/A
Formed	1.0034 according to EN10305 (Ext Galv)
Threaded	1.0034 according to EN10305 (Ext Galv)
Pipe	Unalloyed E195 (RSt 34-2) steel galv not less than 8 microns



Applications

Solar Thermal Heating Services*
Commercial / Industrial Compressed Air**
Biomass*
Cooling Systems*
*Closed / Unvented Systems Only
**Ensure Filters Approved for Mild Steel
Oil & Fuel

Application Services

Domestic and Commercial Solar Thermal Systems*
Commercial Compressed Air (>25mg/M3 Compressor Oils)**
Biomass & District Heating Systems*
Cooling Water (chilled Water) with Glycol*
*Closed / Unvented Systems Only
**Ensure Filters Approved for Mild Steel
Heavy Oil and Fuel Transportation

Straight Coupling

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	270001515	150	10
22 x 22	270002222	80	10
28 x 28	270002828	50	10
35 x 35	270003535	24	4
42 x 42	270004242	20	2
54 x 54	270005454	12	2
66.7 x 66.7	270006666	3	1
76.1 x 76.1	270007676	3	1
88.9 x 88.9	270008888	2	1
108 x 108	2700108108	1	1



Slip Coupling

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	270401515	100	2
22 x 22	270402222	50	2
28 x 28	270402828	30	2
35 x 35	270403535	20	2
42 x 42	270404242	12	2
54 x 54	270405454	8	2
66.7 x 66.7	270406666	2	1
76.1 x 76.1	270407676	2	1
88.9 x 88.9	270408888	1	1
108 x 108	2704108108	1	1



Bend 90°

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	272001515	100	10
22 x 22	272002222	50	10
28 x 28	272002828	30	10
35 x 35	272003535	12	4
42 x 42	272004242	8	2
54 x 54	272005454	6	2
66.7 x 66.7	272006666	2	1
76.1 x 76.1	272007676	2	1
88.9 x 88.9	272008888	1	1
108 x 108	2720108108	1	1



Bend 90° Ø

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	272101515	100	2
22 x 22	272102222	50	2
28 x 28	272102828	30	2
35 x 35	272103535	12	2
42 x 42	272104242	8	2
54 x 54	272105454	6	2
66.7 x 66.7	272106666	2	1
76.1 x 76.1	272107676	2	1
88.9 x 88.9	272108888	1	1
108 x 108	2721108108	1	1



Carbon Steel FKM (Industry)

(Solar / High Temp / Compressed Air / Industrial Heating Systems)

Bend 90° Male

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	2725015012	80	2
22 x 3/4"	2725022034	40	2
28 x 1"	2725028100	20	2
35 x 1 1/4"	2725035114	12	2
42 x 1 1/2"	2725042112	8	2
54 x 2"	2725054200	4	1



Bend 90° Female

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	2726015012	80	2
22 x 3/4"	2726022034	40	2
28 x 1"	2726028100	20	2
35 x 1 1/4"	2726035114	12	2



Bend 45°

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	272301515	120	10
22 x 22	272302222	60	10
28 x 28	272302828	30	10
35 x 35	272303535	20	4
42 x 42	272304242	12	2
54 x 54	272305454	6	2
66.7 x 66.7	272306666	2	1
76.1 x 76.1	272307676	2	1
88.9 x 88.9	272308888	1	1
108 x 108	2723108108	1	1



Bend 45° Ø

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15	272401515	120	10
22 x 22	272402222	60	10
28 x 28	272402828	30	10
35 x 35	272403535	20	4
42 x 42	272404242	12	2
54 x 54	272405454	6	2
66.7 x 66.7	272406666	2	1
76.1 x 76.1	272407676	2	1
88.9 x 88.9	272408888	1	1
108 x 108	2724108108	1	1



Straight Adapter Male

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 3/8"	2701015038	150	10
15 x 1/2"	2701015012	150	10
22 x 1/2"	2701022012	100	10
22 x 3/4"	2701022034	80	10
22 x 1"	2701022100	50	10
28 x 3/4"	2701028034	50	10
28 x 1"	2701028100	50	10
35 x 1"	2701035100	24	4
35 x 1 1/4"	2701035114	24	4
42 x 1 1/2"	2701042112	20	4
54 x 2"	2701054200	10	2
66.7 x 2 1/2"	2701066212	2	1
76.1 x 2 1/2"	2701076212	1	1
88.9 x 3"	2701088300	1	1



Straight Adapter Female

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	2702015012	120	10
22 x 1/2"	2702022012	100	10
22 x 3/4"	2702022034	80	10
22 x 1"	2702022100	50	10
28 x 1"	2702028100	50	10
35 x 1 1/4"	2702035114	24	4
42 x 1 1/2"	2702042112	24	4
54 x 2"	2702054200	10	2



Endcap

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15	2741015	60	2
22	2741022	50	2
28	2741028	40	2
35	2741035	24	2
42	2741042	20	2
54	2741054	16	2



Flange with Press Joint

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
54 PN16 DN65	2740054	1	1
66.7 PN16 DN65	2740066	1	1
76.1 PN16 DN65	2740076	1	1
88.9 PN16 DN80	2740088	1	1
108 PN16 DN100	2740108	1	1



Union with Flat Seal (During Q2-2014)

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	2708015012	10	2
22 x 3/4"	2708022034	10	2
28 x 1"	2708028100	8	2
35 x 1 1/4"	2708035114	8	2
42 x 1 1/2"	2708042112	4	2
54 x 2"	2708054200	2	1



Tap Connector

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 3/4"	2707015034	50	2
22 x 1"	2707022100	50	2
28 x 1 1/4"	2707028114	40	2
35 x 1 1/2"	2707035112	24	2



Carbon Steel FKM (Industry)

(Solar / High Temp / Compressed Air / Industrial Heating Systems)

Socket Reducer

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22 x 15	274302215	120	10
28 x 15	274302815	80	10
28 x 22	274302822	60	10
35 x 22	274303522	40	10
35 x 28	274303528	32	4
42 x 22	274304222	24	4
42 x 28	274304228	24	4
42 x 35	274304235	24	4
54 x 22	274305422	12	2
54 x 28	274305428	12	2
54 x 35	274305435	12	2
54 x 42	274305442	12	2
66.7 x 42	274306642	3	1
66.7 x 54	274306654	3	1
76.1 x 42	274307642	3	1
76.1 x 54	274307654	3	1
76.1 x 66.7	274307666	3	1
88.9 x 54	274308854	1	1
88.9 x 76.1	274308876	1	1
108 x 66.7	274310866	1	1
108 x 76.1	274310876	1	1
108 x 88.9	274310888	1	1



Reducing Tee (End)

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22 x 15 x 15	27115221515	40	10
22 x 22 x 15	27115222215	40	10
28 x 22 x 22	27115282222	30	10
28 x 28 x 22	27115282822	20	5



T-Coupling Reduction

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 22 x 15	27112152215	50	10
22 x 28 x 22	27112222822	30	10



Straight Reducer

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22 x 15	270302215	100	10
28 x 15	270302815	60	10
28 x 22	270302822	50	10
35 x 28	270303528	24	4



Reducing Tee

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
22 x 15 x 22	27110221522	40	10
28 x 15 x 28	27110281528	30	10
28 x 22 x 28	27110282228	30	10
35 x 15 x 35	27110351535	16	4
35 x 22 x 35	27110352235	16	4
35 x 28 x 35	27110352835	16	4
42 x 22 x 42	27110422242	12	4
42 x 28 x 42	27110422842	12	4
42 x 35 x 42	27110423542	10	2
54 x 22 x 54	27110542254	6	1
54 x 28 x 54	27110542854	6	1
54 x 35 x 54	27110543554	6	1
54 x 42 x 54	27110544254	6	1
66.7 x 28 x 66.7	27110662866	2	1
66.7 x 35 x 66.7	27110663566	2	1
66.7 x 42 x 66.7	27110664266	2	1
66.7 x 54 x 66.7	27110665466	2	1
76.1 x 22 x 76.1	27110762276	1	1
76.1 x 28 x 76.1	27110762876	1	1
76.1 x 35 x 76.1	27110763576	1	1
76.1 x 42 x 76.1	27110764276	1	1
76.1 x 54 x 76.1	27110765476	1	1
76.1 x 66.7 x 76.1	27110766676	1	1
88.9 x 54 x 88.9	27110885488	1	1
88.9 x 76.1 x 88.9	27110887688	1	1
108 x 54 x 108	271110854108	1	1
108 x 66.7 x 108	271110866108	1	1
108 x 76.1 x 108	271110876108	1	1
108 x 88.9 x 108	271110888108	1	1



Equal Tee

Dimensions (mm)	Article Number	Box (Piece)	Bag (Piece)
15 x 15 x 15	27100151515	80	10
22 x 22 x 22	27100222222	40	10
28 x 28 x 28	27100282828	24	4
35 x 35 x 35	27100353535	12	2
42 x 42 x 42	27100424242	8	2
54 x 54 x 54	27100545454	4	1
66.7 x 66.7 x 66.7	27100666666	2	1
76.1 x 76.1 x 76.1	27100767676	1	1
88.9 x 88.9 x 88.9	27100888888	1	1
108 x 108 x 108	2710108108108	1	1



Female Tee

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2" x 15	27120151215	60	2
22 x 1/2" x 22	27120221222	40	2
22 x 3/4" x 22	27120223422	40	2
28 x 1/2" x 28	27120281228	30	2
28 x 3/4" x 28	27120283428	24	2
35 x 1/2" x 35	27120351235	16	2
35 x 3/4" x 35	27120353435	12	2
42 x 1/2" x 42	27120421242	10	2
42 x 3/4" x 42	27120423442	8	1
54 x 1/2" x 54	27120541254	6	1
54 x 3/4" x 54	27120543454	6	1
66.7 x 3/4" x 66.7	27120663466	2	1
76.1 x 3/4" x 76.1	27120763476	1	1
88.9 x 3/4" x 88.9	27120883488	1	1
108 x 3/4" x 108	271210834108	1	1



Elbow Transition Male

Dimensions (mm/inches)	Article Number	Box (Piece)	Bag (Piece)
15 x 1/2"	2731015012	80	2
22 x 3/4"	2731022034	50	2



Stainless Steel Ball Valves

EPDM

Seal Definitions	EPDM - Ethylene Propylene Diene Monomer
Sizes	15mm - 54mm
Pressure	16 bar
Min Temp	-30degC
Max Temp	120deg C
Warranty (Years)	50 Years (against manufacturers defects)
Specification	WRAS
Casting (body)	CF8M 9316), CF8 (304)
Stem	304
Valve Seat	PTFE



Applications

Potable Water Services
Hydronic Heating
Compressed Air
BCWS (Boosted Cold Water Services)
Chilled Water Applications
Inert Gases*
Purified Water

Application Services

Drinking Water
HWS & Domestic Heating
Compressed Air (<25mg/M3 Compressor Oils)
BCWS and Risers
Cooling Water (chilled water) with Glycol <50% concentration
*Helium, Neon, Argon, Krypton, Xenon, Radon
Grey Water

HNBR

Seal Definitions	HNBR - Hydrogenated Nitrile Butadiene Rubber
Sizes	15mm - 54mm
Pressure	16 bar (5 for Natural Gases)
Min Temp	-30degC
Max Temp	70deg C
Warranty (Years)	50 Years (against manufacturers defects)
Specification	Approved to DVGW G260/G262
Casting (body)	CF8M 9316), CF8 (304)
Stem	304
Valve Seat	PTFE



Applications

Low Pressure Hydraulic Systems
HWS
Flammable Gases (DVGW G260, G262)
Inert Gases*

Application Services

Methane Gas
Low Pressure Hydraulic Systems
Domestic Heating Services
Natural Gas & LPG
*Helium, Neon, Argon, Krypton, Xenon, Radon

Stainless Steel Ball Valves

Stainless 316 Lever Ball Valves

Product Description	Article Number
15mm Lever Ball Valve Water	GPMS60015PP
22mm Lever Ball Valve Water	GPMS60022PP
28mm Lever Ball Valve Water	GPMS60028PP
35mm Lever Ball Valve Water	GPMS60035PP
42mm Lever Ball Valve Water	GPMS60042PP
54mm Lever Ball Valve Water	GPMS60054PP



Stainless 316 Gas Lever Ball Valves

Product Description	Article Number
15mm Lever Ball Valve Gas	GPGMS60015PP
22mm Lever Ball Valve Gas	GPGMS60022PP
28mm Lever Ball Valve Gas	GPGMS60028PP
35mm Lever Ball Valve Gas	GPGMS60035PP
42mm Lever Ball Valve Gas	GPGMS60042PP
54mm Lever Ball Valve Gas	GPGMS60054PP



Stainless 316 High Handle Lever Ball Valve

Product Description	Article Number
15mm High Handle Lever Ball Valve	GPHS60015PP
22mm High Handle Lever Ball Valve	GPHS60022PP
28mm High Handle Lever Ball Valve	GPHS60028PP
35mm High Handle Lever Ball Valve	GPHS60035PP
42mm High Handle Lever Ball Valve	GPHS60042PP
54mm High Handle Lever Ball Valve	GPHS60054PP



Stainless 316 3-Piece Lever Ball Valves

Product Description	Article Number
15mm 3pc Lever Ball Valve Water	SS30015PP
22mm 3pc Lever Ball Valve Water	SS30022PP
28mm 3pc Lever Ball Valve Water	SS30028PP
35mm 3pc Lever Ball Valve Water	SS30035PP
42mm 3pc Lever Ball Valve Water	SS30042PP
54mm 3pc Lever Ball Valve Water	SS30054PP
66.7mm 3pc Lever Ball Valve Water	SS30067PP
76.1mm 3pc Lever Ball Valve Water	SS30076PP
88.9mm 3pc Lever Ball Valve Water	SS30089PP
108mm 3pc Lever Ball Valve Water	SS300108PP



Stainless 316 3-Piece Lever Ball Valves Gas

Product Description	Article Number
15mm 3pc Lever Ball Valve Gas	SS30015YH
22mm 3pc Lever Ball Valve Gas	SS30022YH
28mm 3pc Lever Ball Valve Gas	SS30028YH
35mm 3pc Lever Ball Valve Gas	SS30035YH
42mm 3pc Lever Ball Valve Gas	SS30042YH
54mm 3pc Lever Ball Valve Gas	SS30054YH
66.7mm 3pc Lever Ball Valve Gas	SS30067YH
76.1mm 3pc Lever Ball Valve Gas	SS30076YH
88.9mm 3pc Lever Ball Valve Gas	SS30089YH
108mm 3pc Lever Ball Valve Gas	SS300108YH



Stainless 304 3-Piece Lever Ball Valves

Product Description	Article Number
15mm 3pc Lever Ball Valve Water	SS30415PP
22mm 3pc Lever Ball Valve Water	SS30422PP
28mm 3pc Lever Ball Valve Water	SS30428PP
35mm 3pc Lever Ball Valve Water	SS30435PP
42mm 3pc Lever Ball Valve Water	SS30442PP
54mm 3pc Lever Ball Valve Water	SS30454PP
66.7mm 3pc Lever Ball Valve Water	SS30467PP
76.1mm 3pc Lever Ball Valve Water	SS30476PP
88.9mm 3pc Lever Ball Valve Water	SS30489PP
108mm 3pc Lever Ball Valve Water	SS304108PP



Stainless 304 3-Piece Lever Ball Valves Gas

Product Description	Article Number
15mm 3pc Lever Ball Valve Gas	SS30415YH
22mm 3pc Lever Ball Valve Gas	SS30422YH
28mm 3pc Lever Ball Valve Gas	SS30428YH
35mm 3pc Lever Ball Valve Gas	SS30435YH
42mm 3pc Lever Ball Valve Gas	SS30442YH
54mm 3pc Lever Ball Valve Gas	SS30454YH
66.7mm 3pc Lever Ball Valve Gas	SS30467YH
76.1mm 3pc Lever Ball Valve Gas	SS30476YH
88.9mm 3pc Lever Ball Valve Gas	SS30489YH
108mm 3pc Lever Ball Valve Gas	SS304108YH



Butterfly Dual Handle 316 Ball Valve

Product Description	Article Number
15mm Butterfly Dual Handle Ball Valves Water	GPMS60015PP-BF
22mm Butterfly Dual Handle Ball Valves Water	GPMS60022PP-BF
28mm Butterfly Dual Handle Ball Valves Water	GPMS60028PP-BF



Butterfly Yellow Handle 316 Ball Valves

Product Description	Article Number
15mm Butterfly Yellow Handle Ball Valves Gas	GPGMS60015PP-YF
22mm Butterfly Yellow Handle Ball Valves Gas	GPGMS60022PP-YF
28mm Butterfly Yellow Handle Ball Valves Gas	GPGMS60028PP-YF



Brass Ball Valves

EPDM

Seal Definitions	EPDM - Ethylene Propylene Diene Monomer
Sizes	15mm - 54mm
Pressure	16 bar
Min Temp	-30degC
Max Temp	120deg C
Warranty (Years)	50 Years (against manufacturers defects)
Specification	WRAS (can also be used with Copper, Carbon and Stainless systems)
Casting (body)	CF8M 9316), CF8 (304)
Valve Seat	PTFE



HNBR

Seal Definitions	HNBR - Hydrogenated Nitrile Butadiene Rubber
Sizes	15mm - 54mm
Pressure	16 bar (5 for Natural Gases)
Min Temp	-30degC
Max Temp	70deg C
Warranty (Years)	50 Years (against manufacturers defects)
Specification	EN331 as per DVGW for Gases PN1-5 (MOP 5)
Casting (body)	DZR Forged Brass material no. CW602N
Valve Seat	PTFE



Applications

Potable Water Services
Hydronic Heating
Compressed Air
BCWS (Boosted Cold Water Services)
Chilled Water Applications
Inert Gases*
Purified Water

Application Services

Drinking Water
HWS & Domestic Heating
Compressed Air (<25mg/M3 Compressor Oils)
BCWS and Risers
Cooling Water (chilled water) with Glycol <50% concentration
*Helium, Neon, Argon, Krypton, Xenon, Radon
Grey Water

Applications

Potable Water Services
Hydronic Heating
Compressed Air
BCWS (Boosted Cold Water Services)
Chilled Water Applications
Inert Gases*
Purified Water

Application Services

Drinking Water
HWS & Domestic Heating
Compressed Air (<25mg/M3 Compressor Oils)
BCWS and Risers
Cooling Water (chilled water) with Glycol <50% concentration
*Helium, Neon, Argon, Krypton, Xenon, Radon
Grey Water

Brass Ball Valves

Brass Lever Ball Valves

Product Description	Article Number
15mm Lever Ball Valve Dual Handle	GP60015PP
22mm Lever Ball Valve Dual Handle	GP60022PP
28mm Lever Ball Valve Dual Handle	GP60028PP
35mm Lever Ball Valve Dual Handle	GP60035PP
42mm Lever Ball Valve Dual Handle	GP60042PP
54mm Lever Ball Valve Dual Handle	GP60054PP



Gas Brass Lever Ball Valves

Product Description	Article Number
15mm Lever Ball Valve Gas	GPG60015PP
22mm Lever Ball Valve Gas	GPG60022PP
28mm Lever Ball Valve Gas	GPG60028PP
35mm Lever Ball Valve Gas	GPG60035PP
42mm Lever Ball Valve Gas	GPG60042PP
54mm Lever Ball Valve Gas	GPG60054PP



Brass Dual Handle Female Lever Ball Valves

Product Description	Article Number
15mm x 1/2" Lever Ball Valve	GP60015012PP
22mm x 3/4" Lever Ball Valve	GP60022034PP
28mm x 1" Lever Ball Valve	GP60028100PP
35mm x 1 1/4" Lever Ball Valve	GP60035114PP
42mm x 1 1/2" Lever Ball Valve	GP60042112PP
54mm x 2" Lever Ball Valve	GP60054200PP



Brass High Handle Lever Ball Valves

Product Description	Article Number
15mm High Handle Lever Ball Valve	GPH60015PP
22mm High Handle Lever Ball Valve	GPH60022PP
28mm High Handle Lever Ball Valve	GPH60028PP
35mm High Handle Lever Ball Valve	GPH60035PP
42mm High Handle Lever Ball Valve	GPH60042PP
54mm High Handle Lever Ball Valve	GPH60054PP



Drain Cock

Product Description	Article Number
15mm Drain Cock	DC-TypeA



Isolation Valve

Product Description	Article Number
15mm Isolation Valve	GPIV-60015PP



Butterfly Dual Handle Brass Ball Valves

Product Description	Article Number
15mm Brass Butterfly Dual Handle Ball Valve Water	GP60015PP-BF
22mm Brass Butterfly Dual Handle Ball Valve Water	GP60022PP-BF
28mm Brass Butterfly Dual Handle Ball Valve Water	GP60028PP-BF



Butterfly Yellow Handle Brass Ball Valves

Product Description	Article Number
15mm Brass Butterfly Yellow Handle Ball Valve Gas	GP60015PP-YF
22mm Brass Butterfly Yellow Handle Ball Valve Gas	GP60022PP-YF
28mm Brass Butterfly Yellow Handle Ball Valve Gas	GP60028PP-YF



Pipes

Stainless Steel Pipe - 304

Sizes	15mm - 168mm
Pressure	16 bar
Warranty (Years)	50 Years (against manufacturers defects)
Pipe Specification	1.4301 according to EN10088-3

Applications

Potable Water Services
Hydronic Heating
Compressed Air
BCWS (Boosted Cold Water Services)
Chilled Water Applications
Inert Gases*
Purified Water
Fire Suppression Systems

Application Services

Drinking Water
HWS & Domestic Heating
Compressed Air (<25mg/M3 Compressor Oils)
BCWS and Risers
Cooling Water (chilled Water) with Glycol <50% concentration
Grey Water
*Helium, Neon, Argon, Krypton, Xenon, Radon
Low Pressure Steam Condensate
Fire Sprinkler Systems

304 Information

Series 1 304 Stainless Steel Pipes 15-168.3mm thinner wall.
304 system has no molybdenum, in certain environments has less corrosion resistance.
European standards for press systems 16bar pressure even though tested at 63 bar.
Normal testing for all Press fittings are 24bar.
Cheaper alternative to 316.

Stainless Steel Pipe - 316

Sizes	15mm - 168mm
Pressure	16 bar
Warranty (Years)	50 Years (against manufacturers defects)
Pipe Specification	1.4404 according to EN10312 (Series 1, 316L)

Applications

Potable Water Services
Hydronic Heating
Compressed Air
BCWS (Boosted Cold Water Services)
Chilled Water Applications
Inert Gases*
Purified Water
Fire Suppression Systems

Application Services

Drinking Water
HWS & Domestic Heating
Compressed Air (<25mg/M3 Compressor Oils)
BCWS and Risers
Cooling Water (chilled Water) with Glycol <50% concentration
Grey Water
*Helium, Neon, Argon, Krypton, Xenon, Radon
Low Pressure Steam Condensate
Fire Sprinkler Systems

316 Series 1 Information

Series 1 316 Stainless Steel pipes 15-88.9mm thinner wall
316 system used in corrosive environment like salt, acidic etc.
European standards for press systems 16bar pressure even though tested at 63 bar
Normal testing for all Press fittings are 24bar
Chilled Water Applications
Inert Gases*
Purified Water

316 Series 2 Information

Series 2 316 Stainless Steel Pipes 15-168mm standard wall thickness.
316 system used in corrosive environment like salt, acidic etc.
European standards for press systems 16bar pressure even though tested at 63 bar.
Normal testing for all Press fittings are 24bar.



Pipes



Stainless Steel Pipe - Series 1

Product Description (Dimensions mm)	Product Code	
	3 mtr	6 mtr
Press-INOX series 1 pipe 15 x 0.6	129501506-3MTR	129501506
Press-INOX series 1 pipe 22 x 0.7	129502207-3MTR	129502207
Press-INOX series 1 pipe 28 x 0.8	129502808-3MTR	129502808
Press-INOX series 1 pipe 35 x 1.0	129503510-3MTR	129503510
Press-INOX series 1 pipe 42 x 1.1	129504211-3MTR	129504211
Press-INOX series 1 pipe 54 x 1.2	129505412-3MTR	129505412
Press-INOX series 1 pipe 66.7 x 1.2	129506712-3MTR	129506712
Press-INOX series 1 pipe 76.1 x 1.5	129507615-3MTR	129507615
Press-INOX series 1 pipe 88.9 x 1.5	129508815-3MTR	129508815

Stainless Steel Pipe - Series 2

Product Description (Dimensions mm)	Product Code	
	3 mtr	6 mtr
Press-INOX series 2 pipe 15 x 1.0	129001510-3MTR	129001510
Press-INOX series 2 pipe 22 x 1.2	129002212-3MTR	129002212
Press-INOX series 2 pipe 28 x 1.2	129002812-3MTR	129002812
Press-INOX series 2 pipe 35 x 1.5	129003515-3MTR	129003515
Press-INOX series 2 pipe 42 x 1.5	129004215-3MTR	129004215
Press-INOX series 2 pipe 54 x 1.5	129005415-3MTR	129005415
Press-INOX series 2 pipe 66.7 x 1.5	129006615-3MTR	129006615
Press-INOX series 2 pipe 76.1 x 2.0	129007620-3MTR	129007620
Press-INOX series 2 pipe 88.9 x 2.0	129008820-3MTR	129008820
Press-INOX series 2 pipe 108 x 2.0	129010820-3MTR	129010820
Press-INOX series 2 pipe 139.7 x 2.0	129013920-3MTR	129013920
Press-INOX series 2 pipe 168.3 x 2.0	129016820-3MTR	129016820

Stainless Steel Pipe - 304

Product Description (Dimensions mm)	Product Code	
	3 mtr	6 mtr
Press-INOX 304 pipe 15 x 0.6	129401506-3MTR	129401506
Press-INOX 304 pipe 22 x 0.7	129402207-3MTR	129402207
Press-INOX 304 pipe 28 x 0.8	129402808-3MTR	129402808
Press-INOX 304 pipe 35 x 1.0	129403510-3MTR	129403510
Press-INOX 304 pipe 42 x 1.1	129404211-3MTR	129404211
Press-INOX 304 pipe 54 x 1.2	129405412-3MTR	129405412
Press-INOX 304 pipe 66.7 x 1.5	129406615-3MTR	129406615
Press-INOX 304 pipe 76.1 x 1.5	129407615-3MTR	129407615
Press-INOX 304 pipe 88.9 x 1.5	129408815-3MTR	129408815
Press-INOX 304 pipe 108 x 2.0	129410820-3MTR	129410820
Press-INOX 304 pipe 139.7 x 2.0	129413920-3MTR	129413920
Press-INOX 304 pipe 168.3 x 2.0	129416830-3MTR	129416830

Stainless Steel 316 Pipe-Clips

Product Description	Article Number
Rubber Lined Pipe Clips M10 Thread 15mm SS316 Black DN15	M10RLPC15
Rubber Lined Pipe Clips M10 Thread 22mm SS316 Black DN20	M10RLPC22
Rubber Lined Pipe Clips M10 Thread 28mm SS316 Black DN25	M10RLPC28
Rubber Lined Pipe Clips M10 Thread 35mm SS316 Black DN32	M10RLPC35
Rubber Lined Pipe Clips M10 Thread 42mm SS316 Black DN40	M10RLPC42
Rubber Lined Pipe Clips M10 Thread 54mm SS316 Black DN50	M10RLPC54
Rubber Lined Pipe Clips M10 Thread 76.1mm SS316 Black DN65	M10RLPC76.1
Rubber Lined Pipe Clips M10 Thread 88.9mm SS316 Black DN80	M10RLPC88.9
Rubber Lined Pipe Clips M10 Thread 108mm SS316 Black DN100	M10RLPC108



Stainless Steel 316 Pipe-Clips

Product Description	Article Number
Rubber Lined Pipe Clips M10 Thread 15mm SS316 Blue DN15	M10RLPC15BLUE
Rubber Lined Pipe Clips M10 Thread 22mm SS316 Blue DN20	M10RLPC22BLUE
Rubber Lined Pipe Clips M10 Thread 28mm SS316 Blue DN25	M10RLPC28BLUE
Rubber Lined Pipe Clips M10 Thread 35mm SS316 Blue DN32	M10RLPC35BLUE
Rubber Lined Pipe Clips M10 Thread 42mm SS316 Blue DN40	M10RLPC42BLUE
Rubber Lined Pipe Clips M10 Thread 54mm SS316 Blue DN50	M10RLPC54BLUE
Rubber Lined Pipe Clips M10 Thread 76.1mm SS316 Blue DN65	M10RLPC76.1BLUE
Rubber Lined Pipe Clips M10 Thread 88.9mm SS316 Blue DN80	M10RLPC88.9BLUE
Rubber Lined Pipe Clips M10 Thread 108mm SS316 Blue DN100	M10RLPC108BLUE



Carbon Pipes

Inside/Outside Galvanised Pipe

Sizes	15mm - 108mm
Pressure	16 bar
Min Temp	-30degC
Max Temp	50deg C
Warranty (Years)	25 Years (against manufacturers defects)
Pipe Specification	Unalloyed E195 (RSt 34-2) steel galv not less than 8 microns

Applications

Compressed Air

Cooling Systems*

*Closed / Unvented Systems Only

Application Services

Compressed Air (<25mg/M3 Compressor Oils)**

Chilled Water Systems*

*Closed / Unvented Systems Only

Outside Galvanised Only Pipe

Sizes	15mm - 168mm
Pressure	16 bar
Min Temp	-30degC
Max Temp	120degC (140degC short periods)
Warranty (Years)	25 Years (against manufacturers defects)
Pipe Specification	Unalloyed E195 (RSt 34-2) steel galv not less than 8 microns

Applications

Commercial HWS*

Compressed Air*

Biomass*

Cooling Systems*

*Closed / Unvented Systems Only

Application Services

Commercial Heating*

Compressed Air (<25mg/M3 Compressor Oils)*

Chilled Water Systems*

Biomass & District Heating Systems*

*Closed / Unvented Systems Only

Carbon Steel Press Pipe - Out Plated

Product Description (Dimensions mm)	Product Code	
	3 mtr	6 mtr
Press- STEEL PIPE 15 x 1.2	239001512-3MTR	239001512
Press- STEEL PIPE 22 x 1.5	239002212-3MTR	239002212
Press- STEEL PIPE 28 x 1.5	239002815-3MTR	239002815
Press- STEEL PIPE 35 x 1.5	239003515-3MTR	239003515
Press- STEEL PIPE 42 x 1.5	239004215-3MTR	239004215
Press- STEEL PIPE 54 x 1.5	239005415-3MTR	239005415
Press- STEEL PIPE 66.7 x 1.5	239006615-3MTR	239006615
Press- STEEL PIPE 76.1 x 2.0	239007621-3MTR	239007620
Press- STEEL PIPE 88.9 x 2.0	239008820-3MTR	239008820
Press- STEEL PIPE 108 x 2.0	239010820-3MTR	239010820

Carbon Steel Press Pipe - In and Out Plated

Product Description (Dimensions mm)	Product Code	
	3 mtr	6 mtr
Press- STEEL PIPE I/O 15 x 1.2	239801512-3MTR	239801512
Press- STEEL PIPE I/O 22 x 1.5	239802215-3MTR	239802215
Press- STEEL PIPE I/O 28 x 1.5	239802815-3MTR	239802815
Press- STEEL PIPE I/O 35 x 1.5	239803515-3MTR	239803515
Press- STEEL PIPE I/O 42 x 1.5	239804215-3MTR	239804215
Press- STEEL PIPE I/O 54 x 1.5	239805415-3MTR	239805415
Press- STEEL PIPE I/O 66.7 x 1.5	239806615-3MTR	239806615
Press- STEEL PIPE I/O 76.1 x 2.0	239807620-3MTR	239807620
Press- STEEL PIPE I/O 88.9 x 2.0	239808920-3MTR	239808920
Press- STEEL PIPE I/O 108 x 2.0	239810820-3MTR	239810820



NOVOPRESS ACO103 BT Battery Pressing Tool - Mini

Description	Part Number	Box (Piece)	Pressing System
NovoPress ACO103 Tool Only, No Case	4700080-50	1	M
NovoPress ACO103 no batteries no charger in a case	4979580-50	1	M
NovoPress ACO103 2x2Ah batteries and charger	486048062-50	1	M
NovoPress ACO103 2x2Ah batteries, charger and 3 Press Jaws M15, 22, 28	497788062-50	1	M
SET NovoPress ACO103 BT – 12V-2.0Ah 1 Battery, 1 Charger, 4 press-jaws M15-M35	486268062-50	1	M



M Profile Press Jaws

Description	Part Number	Box (Piece)	Pressing System
15mm	48044-50	1	M
22mm	48046-50	1	M
28mm	48047-50	1	M
35mm	48048-50	1	M



U Profile Press Jaws

Description	Part Number	Box (Piece)	Pressing System
16mm	48066-50	1	U
20mm	48068-50	1	U
25mm	48069-50	1	U



Pivoting Press Jaws

Description	Part Number	Box (Piece)	Pressing System
15mm	50694-50	1	M
22mm	50695-50	1	M
28mm	50696-50	1	M
35mm	50697-50	1	M
Jaw Adaptor	50765-50	1	M



Pivoting Press Jaws Case

Description	Part Number	Box (Piece)	Pressing System
Novopress Pivot Adaptor Jaw 15-22mm Case	50869-50	1	M



NOVOPRESS ACO203 BT Battery Pressing Tool

Description	Part Number	Box (Piece)	Pressing System
NovoPress ACO203 BT 18V-2.0Ah 2 Battery, 1 Charger, 4 Press-Jaws M15-35	4716580-50	1	M
NovoPress ACO203 BT 18V-2.0Ah 1 Battery, 1 Charger, 6 Press-Jaws M15-54	4716580-50 / 48960-50	1	M



M Profile Press Jaws

Description	Part Number	Box (Piece)	Pressing System
15mm	47570-50	1	M
22mm	47572-50	1	M
28mm	47573-50	1	M
35mm	47574-50	1	M
42mm (42mm M-Profile Snap-On)	48585-50	1	M
54mm (54mm M-Profile Snap-On)	48633-50	1	M



Standard Slings

Description	Part Number	Box (Piece)	Pressing System
SET 42M, 54M & Intermediate Toolbox	48960-50	1	M



U Profile Press Jaws

Description	Part Number	Box (Piece)	Pressing System
16mm	48145-50	1	U
20mm	48147-50	1	U
25mm	48148-50	1	U
32mm	48149-50	1	U



Pivoting Press Jaws

Description	Part Number	Box (Piece)	Pressing System
15mm	50694-50	1	M
22mm	50695-50	1	M
28mm	50696-50	1	M
35mm	50697-50	1	M
ACO203 Jaw Adaptor	50129-50	1	M



NOVOPRESS ACO203 XL BT Battery 18V Pressing Tool

Product Description	Part Number	Box (Piece)	Pressing System
NovoPress ACO203-XL BT 18V-3.0Ah 2 Battery, 1 Charger, No press-jaws	471788062-50	1	M
SET NovoPress ACO203-XL BT 18V-3.0Ah 2 Battery, 1 Charger with 4 press-jaws M15-M35	485658062-50	1	M



M Profile Press Jaws

Product Description	Part Number	Box (Piece)	Pressing System
15mm	47569-50	1	M
22mm	47572-50	1	M
28mm	47573-50	1	M
35mm	47574-50	1	M
42mm (42mm M-Profile Snap-On)	48585-50	1	M
54mm (54mm M-Profile Snap-On)	48633-50	1	M



Standard Slings

Product Description	Part Number	Box (Piece)	Pressing System
SET 42M & 54M & Intermediate Toolbox	48960-50	1	M



Intermediate Jaw in case

Product Description	Part Number	Box (Piece)	Pressing System
66.7, 76.1, 88.9 & 108-1	47948-50	1	M
108-2	47949-50	1	M



Snap-ons

Product Description	Part Number	Box (Piece)	Pressing System
66.7mm	48635-50	1	M
76.1mm	48636-50	1	M
88.9mm	48637-50	1	M
108mm	48638-50	1	M



O-Rings

Copper									
Application	Seal Material	Application	Colour	Sizes	Warranty*	Min Temp	Max Temp	Max Bar	Notes
Watergas	HNBR - Hydrogenated Nitrile Butadiene Rubber	Water/Gas	Yellow	15-54mm	50 Years	-30°C	+150°C	16 bar	5 Bar and 70°C Max Temp for Gas
WATER	EPDM - Ethylene Propylene Diene Monomer	Water	Black	15-108mm	50 Years	-30°C	+120°C	16 bar	
Copper Gas	HNBR - Hydrogenated Nitrile Butadiene Rubber	Gas	Yellow	15-108mm	50 Years	-20°C	+70°C	16 bar	5 Bar for Natural gas
FKM	FKM - Flouro-Elastomer (Viton)	FKM Viton	Green	15-108mm	50 Years	-30°C	+205°C	16 bar	
Steam	AFLAS Steam - FEPM - Flouro-Elastomer Polypropylene Monomer	FEPM	Blue	15-54mm	10 Years	-10°C	+200°C	7 bar	Max 170°C for Steam
									*against manufacturers defects

Stainless Steel 316									
Application	Seal Material	Application	Colour	Sizes	Warranty*	Min Temp	Max Temp	Max Bar	Notes
WATER	EPDM - Ethylene Propylene Diene Monomer	Water	Black	15-168mm	50 Years	-30°C	+120°C	16 bar	
Gas	HNBR - Hydrogenated Nitrile Butadiene Rubber	Gas	Yellow	15-168mm	50 Years	-20°C	+70°C	16 bar	5 Bar for Natural gas
FKM	FKM - Flouro-Elastomer (Viton)	FKM Viton	Green	15-108mm	50 Years	-30°C	+205°C	16 bar	
Steam	AFLAS Steam - FEPM - Flouro-Elastomer Polypropylene Monomer	FEPM	Blue	15-54mm	10 Years	-10°C	+200°C	7 bar	Max 170°C for Steam
									*against manufacturers defects

Stainless Steel 304									
Application	Seal Material	Application	Colour	Sizes	Warranty*	Min Temp	Max Temp	Max Bar	Notes
WATER	EPDM - Ethylene Propylene Diene Monomer	Water	Black	15-168mm	50 Years	-30°C	+120°C	16 bar	
Gas	HNBR - Hydrogenated Nitrile Butadiene Rubber	Gas	Yellow	15-168mm	50 Years	-20°C	+70°C	16 bar	5 Bar for Natural gas
FKM	FKM - Flouro-Elastomer (Viton)	FKM Viton	Green	15-168mm	50 Years	-30°C	+205°C	16 bar	
									*against manufacturers defects

Carbon									
Application	Seal Material	Application	Colour	Sizes	Warranty*	Min Temp	Max Temp	Max Bar	Notes
WATER	EPDM - Ethylene Propylene Diene Monomer	Water	Black	15-108mm	25 Years	-30°C	+120°C	16 bar	
FKM	FKM - Flouro-Elastomer (Viton)	FKM Viton	Green	15-108mm	50 Years	-30°C	+205°C	16 bar	
									*against manufacturers defects



O-Rings

Gas

Product Description	Part Code			
	Single	Pack of 10	Pack of 50	Pack of 100
M-Press 15mm Yellow O-Ring Gas Seal	1286015			1286015-100
M-Press 22mm Yellow O-Ring Gas Seal	1286022			1286022-100
M-Press 28mm Yellow O-Ring Gas Seal	1286028			1286028-100
M-Press 35mm Yellow O-Ring Gas Seal	1286035			1286035-100
M-Press 42mm Yellow O-Ring Gas Seal	1286042		1286042-50	
M-Press 54mm Yellow O-Ring Gas Seal	1286054		1286054-50	
M-Press 66.7mm Yellow O-Ring Gas Seal	1286066	1286066-10		
M-Press 76.1mm Yellow O-Ring Gas Seal	1286076	1286076-10		
M-Press 88.9mm Yellow O-Ring Gas Seal	1286088	1286088-10		
M-Press 108mm Yellow O-Ring Gas Seal	1286108	1286108-10		
M-Press 139.7mm Yellow O-Ring Gas Seal	1286139			
M-Press 168.3mm Yellow O-Ring Gas Seal	1286168			



FKM Industry

Product Description	Part Code			
	Single	Pack of 10	Pack of 50	Pack of 100
M-Press 15mm Green O-Ring FKM Seal	1284015			1284015-100
M-Press 22mm Green O-Ring FKM Seal	1284022			1284022-100
M-Press 28mm Green O-Ring FKM Seal	1284028			1284028-100
M-Press 35mm Green O-Ring FKM Seal	1284035			1284035-100
M-Press 42mm Green O-Ring FKM Seal	1284042		1284042-50	
M-Press 54mm Green O-Ring FKM Seal	1284054		1284054-50	
M-Press 66.7mm Green O-Ring FKM Seal	1284066	1284066-10		
M-Press 76.1mm Green O-Ring FKM Seal	1284076	1284076-10		
M-Press 88.9mm Green O-Ring FKM Seal	1284088	1284088-10		
M-Press 108mm Green O-Ring FKM Seal	1284108	1284108-10		
M-Press 139.7mm Green O-Ring FKM Seal	1284139			
M-Press 168.3mm Green O-Ring FKM Seal	1284168			



Steam

Product Description	Part Code			
	Single	Pack of 10	Pack of 50	Pack of 100
15mm Black O-Ring AFLAS Seal	1288015			1288015-100
22mm Black O-Ring AFLAS Seal	1288022			1288022-100
28mm Black O-Ring AFLAS Seal	1288028			1288028-100
35mm Black O-Ring AFLAS Seal	1288035			1288035 -100
42mm Black O-Ring AFLAS Seal	1288042		1288042-50	
54mm Black O-Ring AFLAS Seal	1288054		1288054-50	



Accessories

Spare Battery Suitable for Novopress ACO103

Article Number
NOVOBATTERY



Spare Milwaukee Battery 18v for AC0203

Article Number
MILBATTERY2



Depth Gauge

Article Number
DEPTHGAUGE



Muc Off Lubricant

Article Number
MUCLUBE



Manual Deburring Tool

Article Number
DEBTOOL54 (15 - 54mm)
DEBTOOL35 (15 - 35mm)



Manual Pipe Cutter (5mm - 42mm)

Article Number
PIPECUTTER



Starter Kit Box inc 15mm - 22mm Fittings

Article Number
STARTERKIT

