

Larger sizes available

STAINLESS STEEL BUTT WELD FITTINGS ANSI B16.9 WELDED SCH10 316						
SIZE	L/R ELBOW 90	L/R ELBOW 45	WELD TEE		CONCENTRIC REDUCER	
1/2"	STWELB04	STWELB24	STWTE04		1 X 1/2	STWRC03
3/4"	STWELB05	STWELB25	STWTE05		1 X 3/4	STWRC04
1"	STWELB06	STWELB26	STWTE06		1 1/4 X 1	STWRC07
1 1/4"	STWELB07	STWELB27	STWTE07		1 1/2 X 1	STWRC10
1 1/2"	STWELB08	STWELB28	STWTE08		1 1/2 X 1 1/4	STWRC11
2"	STWELB09	STWELB29	STWTE09		2 X 1	STWRC14
2 1/2"	STWELB10	STWELB30	STWTE10		2 X 1 1/2	STWRC16
3"	STWELB11	STWELB31	STWTE11		2 1/2 X 1 1/2	STWRC18
4"	STWELB12	STWELB32	STWTE12		2 1/2 X 2	STWRC19
5"	STWELB13	STWELB33	STWTE13		3 X 1	STWRC20
6"	STWELB15	STWELB34	STWTE15		3 X 1 1/2	STWRC22
8"	STWELB16	STWELB35	STWTE16		3 X 2	STWRC23
10"	STWELB17	STWELB36	STWTE17		4 X 3	STWRC28

Larger sizes and specials available

STAINLESS STEEL FLANGES 316						
	PN16/3		ASA 150		TABLE E	
SIZE	SLIPON PLATE	SCREWED	SLIPON	SCREWED	SLIPON	SCREWED
1/2"	STF16301	STF164015	STF1505015	STF1504015	STFE015	STFE240
3/4"	STF16302	STF164020	STF1505020	STF1504020	STFE020	STFE241
1"	STF16303	STF164025	STF1505025	STF1504025	STFE025	STFE242
1 1/4"	STF16304	STF164032	STF1505032	STF1504032	STFE032	STFE243
1 1/2"	STF16305	STF164040	STF1505040	STF1504040	STFE040	STFE244
2"	STF16306	STF164050	STF1505050	STF1504050	STFE050	STFE245
2 1/2"	STF16307	STF164065	STF1505065	STF1504065	STFE065	STFE246
3"	STF16308	STF164080	STF1505080	STF1504080	STFE080	STFE247
4"	STF16309	STF164100	STF1505100	STF1504100	STFE100	STFE248
5"	STF16309A	*	*	*	STFE125	*
6"	STF16310	STF164150	STF1505150	*	STFE150	*
8"	STF16311	*	STF1505200	*	STFE200	*
10"	STF16312	*	STF1505250	*	STFE250	*

### Stainless Steel Nominal Bore Tube 316

We stock 1/8" to 4" N/B, SCH10/40, 316 welded tube.

Options: 304, seamless, SCH80/160, special cut lengths and sizes up to 24" N/B

### Metric Thin Wall Stainless Steel Tube and Fittings 304/316

Full range available 50mm to 1200mm size



Stainless Steel 316 BSP 150lb

	1/8"	1/4"	3/8"	1/2"	3/4"	1"
Elbow	*	ST1ELB008	ST1ELB010	ST1ELB015	ST1ELB020	ST1ELB025
Elbows M/F	*	ST1EMF008	ST1EMF010	ST1EMF015	ST1EMF020	ST1EMF025
Elbow 45	*	*	*	ST1ELB104	ST1ELB105	ST1ELB106
Tee	ST1TEE006	ST1TEE008	ST1TEE010	ST1TEE015	ST1TEE020	ST1TEE025
Socket	ST1SKT006	ST1SKT008	ST1SKT010	ST1SKT015	ST1SKT020	ST1SKT025
Backnut	*	ST1BNUT008	ST1BNUT010	ST1BNUT015	ST1BNUT020	ST1BNUT025
Plug	ST1PLU006	ST1PLU008	ST1PLU0010	ST1PLU015	ST1PLU020	ST1PLU025
Hex Nipple	ST1HN006	ST1HN008	ST1HN010	ST1HN015	ST1HN020	ST1HN025
Union	ST1UNI006	ST1UNI008	ST1UNI010	ST1UNI015	ST1UNI020	ST1UNI025
Half Socket	ST1SKTH006	ST1SKTH008	ST1SKTH010	ST1SKTH015	ST1SKTH020	ST1SKTH025
Weld Nipple	*	ST1WNIP008	ST1WNIP010	ST1WNIP015	ST1WNIP020	ST1WNIP025
Barrel Nipple	ST1BN006	ST1BN008	ST1BN010	ST1BN015	ST1BN020	ST1BN025
Pipe Clip	*	*	ST1BRK05	ST1BRK06	ST1BRK07	ST1BRK08

	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
Elbow	ST1ELB032	ST1ELB040	ST1ELB050	*	*	*
Elbows M/F	ST1EMF032	ST1EMF040	ST1EMF050	ST1EMF065	*	*
Elbow 45	ST1ELB107	ST1ELB108	ST1ELB109	*	*	*
Tee	ST1TEE032	ST1TEE040	ST1TEE050	ST1TEE065	ST1TEE080	ST1SKT100
Socket	ST1SKT032	ST1SKT040	ST1SKT050	ST1SKT065	ST1SKT080	*
Backnut	ST1BNUT032	ST1BNUT040	ST1BNUT050	*	*	ST1PLU100
Plug	ST1PLU032	ST1PLU040	ST1PLU050	ST1PLU065	ST1PLU080	*
Hex Nipple	ST1HN032	ST1HN040	ST1HN050	*	*	*
Union	ST1UNI032	ST1UNI040	ST1UNI050	*	*	ST1SKTH100
Half Socket	ST1SKTH032	ST1SKTH040	ST1SKTH050	ST1SKTH065	ST1SKTH080	*
Weld Nipple	ST1WNIP032	ST1WNIP040	ST1WNIP050	*	*	ST1BN100
Barrel Nipple	ST1BN032	ST1BN040	ST1BN050	ST1BN065	ST1BN080	*
Pipe Clip	ST1BRK09	ST1BRK10	ST1BRK11	ST1BRK112	ST1BRK113	
Backplate	M8/10	ST1BRK01				

**Reducing Hex Bush**

1/4 To 4"  
In Variable Sizes



**Reducing Hex Nipple**

1/4 To 4"  
In Variable Sizes



**Reducing Socket**

1/4 To 4"  
In Variable Sizes




Hygienic Stainless Steel Dairy Tube 316 Descaled A269

Descaled 316 Plain End Fittings, RJT Unions IDF Fittings & Polished Tube/Fittings Also Available

SIZE O/D	1"	1 1/2"	2"	2 1/2"	3"	4"
Elbows 90 Iso	STDELB110	STDELB111	STDELB112	STDELB112A	STDELB113	STDELB114
Elbows 45	STDELB125	STDELB130	STDELB131	STDELB132	STDELB133	STDELB135
Full Tee	STDTEE101	STDTEE102	STDTEE103	STDTEE104	STDTEE105	STDTEE106
RJT Union	STDUNI025	STDUNI040	STDUNI050	STDUNI065	STDUNI080	STDUNI100
RJT Weld Liner	STDUNI100A	STDUNI101	STDUNI102	STDUNI103	STDUNI103A	STDUNI104
RJT Weld Male	STDUNI111	STDUNI112	STDUNI113	STDUNI114	STDUNI114A	STDUNI114B
RJT Nut	STDUNI115	STDUNI116	STDUNI117	STDUNI118	STDUNI119	STDUNI120
RJT Joint Ring	STDUNI121	STDUNI122	STDUNI123	STDUNI124	STDUNI125	STDUNI126
Anti Vib Clip	STDBRK101	STDBRK102	STDBRK103	STDBRK104	STDBRK105	STDBRK106
Hinged Pipe Clip	*	STDBRK111	STDBRK112	STDBRK113	STDBRK114	STDBRK115
Tri-Clover Clamp	STDTRI025	STDTRI040	STDTRI050	STDTRI065	STDTRI080	STDTRI100
B/Fly Lever RJT	STDBFLY010	STDBFLY011	STDBFLY012	STDBFLY013	STDBFLY014	STDBFLY015
Flange PN16	STDFLG100	STDFLG101	STDFLG102	STDFLG103	STDFLG104	STDFLG105
Tube Descaled	STDTUBE111	STDTUBE112	STDTUBE113	STDTUBE114	STDTUBE115	STDTUBE116

Concentric/Eccentric Reducers 316 Descaled

SIZE O/D	CONC REDUCER	ECC REDUCER
1 1/2 X 1	STDREDC094	STDREDE094
2 X 1 1/2	STDREDC095	STDREDE095
2 1/2 X 1 1/2	STDREDC098	STDREDE098
2 1/2 X 2	STDREDC099	STDREDE099
3 X 1 1/2	STDREDC101	STDREDE101
3 X 2	STDREDC102	STDREDE102
3 X 2 1/2	STDREDC103	STDREDE103
4 X 2	STDREDC103A	STDREDE103A
4 X 2 1/2	STDREDC103B	STDREDE103B
4 X 3	STDREDC104	STDREDE104

A Full Range Of Pulled Tees, Swept Tees, Y Pieces, Crosses & Actuated Butterfly Valves Are Also Available



**INSTALL+™**

**Dual Certified (BS EN 10255 & 10217-1)  
Mechanical Suitability**



Corus INSTALL+™, welded steel tube (also known as gas list and previously specified to BS 1387) suitable for general purpose conveyance and pressure applications



- Dual certified to BS EN10255, grade S195T and BS EN 10217-1 grade P195TR1.
- Suitable for threading, grooving, welding, forming and manipulation.
- Supplied galvanized or red primer painted, with either plain ends, screwed and socketed joints.

SIZE	MEDIUM TUBE				HEAVY TUBE			
	Water		Air Or Steam @ 260c Max		Water		Air Or Steam @ 260c Max	
	psi	bar	psi	bar	psi	bar	psi	bar
1/2	305	21	145	10	348	24	174	12
3/4	305	21	145	10	348	24	174	12
1	305	21	145	10	348	24	174	12
1 1/4	247	17	130	9	305	21	145	10
1 1/2	247	17	130	9	305	21	145	10
2	203	14	101	7	247	17	130	9
2 1/2	203	14	101	7	247	17	130	9
3	203	14	101	7	247	17	130	9
4	145	10	80	5.5	203	14	101	7
5	145	10	80	5.5	203	14	101	7
6	145	9	58	4	145	10	80	5.5

(Figures above show recommended pressure ratings for screwed and socketed joints – taper/parallel - and values are provided for information only)

**WEIGHT PER 100 METERS (KG)**

	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6
<b>HEAVY</b>	145	188	295	382	441	626	805	1050	1480	1840	2190
<b>MEDIUM</b>	122	157	243	313	360	510	654	853	1250	1710	2040

**INSTALL+ RED PRIMED TUBE (EN10255/10217-1)**

SIZE	O/D	Wall Thickness		Part No			
		Med	Hvy	Med S/S	Med P/E	Hvy S/S	Hvy P/E
1/2	21.3	2.6	3.2	TBRMSS01	*	TBRHSS01	*
3/4	26.9	2.6	3.2	TBRMSS02	*	TBRHSS02	*
1	33.7	3.2	4.0	TBRHSS03	*	TBRHSS03	*
1 1/4	42.4	3.2	4.0	TBRMSS04	*	TBRHSS04	*
1 1/2	48.3	3.2	4.0	TBRMSS05	*	TBRHSS05	*
2	60.3	3.6	4.5	TBRMSS06	*	TBRHSS06	*
2 1/2	76.1	3.6	4.5	TBRMSS07	TBRMPE07	TBRHSS07	TBRHPE07
3	88.9	4.0	5.0	TBRMSS08	TBRMPE08	TBRHSS08	TBRHPE08
4	114.3	4.5	5.4	TBRMSS09	TBRMPE09	TBRHSS09	TBRHPE09
5	139.7	5.0	5.4	TBRMSS10	TBRMPE10	TBRHSS10	TBRHPE10
6	165.1	5.0	5.4	TBRMSS11	TBRMPE11	TBRHSS11	TBRHPE11

OD sizes shown are specified OD values as per EN 10255.

**INSTALL+ GALVANISED TUBE (EN10255/10217-1)**

SIZE	O/D	Wall Thickness		Part No		
		Med	Hvy	Med S/S	Med P/E	Hvy S/S
1/2	21.3	2.6	3.2	TB1GMSS015	*	TB1GHSS015
3/4	26.9	2.6	3.2	TB1GMSS020	*	TB1GHSS020
1	33.7	3.2	4.0	TB1GMSS025	TB1GMPE025	TB1GHSS025
1 1/4	42.4	3.2	4.0	TB1GMSS032	TB1GMPE032	TB1GHSS032
1 1/2	48.3	3.2	4.0	TB1GMSS040	TB1GMPE040	TB1GHSS040
2	60.3	3.6	4.5	TB1GMSS050	TB1GMPE050	TB1GHSS050
2 1/2	76.1	3.6	5.0	TB1GMSS065	*	TB1GHSS065
3	88.9	4.0	5.4	TB1GMSS080	*	TB1GHSS080
4	114.3	4.5	5.4	TB1GMSS100	*	TB1GHSS100
5	139.7	5.0	5.4	TB1GMSS125	*	TB1GHSS125
6	165.1	5.0	5.4	TB1GMSS150	*	TB1GHSS150

OD sizes shown are specified OD values as per EN 10255



# GF Piping Systems

GF Piping Systems is a leading supplier of piping systems made of metal and plastics. For customers around the world, we develop system solutions and high quality components for the safe transportation of water, gas and other media.

These are used in industrial applications, the water and gas distribution industries, and in domestic and sanitary installations. GF Piping Systems covers the growing demand for complete solutions from a single source in a wide variety of applications.

### Precision Manufacturer

George Fischer achieves threads using the highest possible angle exactness and measurement accuracy. Using the latest technology the threads are chamfered by machine, and the flanks of the threads are precisely executed, ensuring that assembly can be easily undertaken.

### Innovative Surface

We preserve all GF fittings with a temporary corrosion protection medium in order to avoid rust forming on non-zinc coated surfaces during storage. GF ensures this medium conforms with food laws. This preservation guarantees that polycyclic hydrocarbons are avoided.

### Whiteheart Malleable Iron

This material is distinguished through its elastic properties (elongation) and its high tensile strength. Whiteheart malleable iron guarantees optimum zinc coating results by generating a homogenous iron-zinc layer.

### Thread Concept

GF produce corrosion inhibiting, free outrunning threads, this method requires greater wall thickness, which does not yield

any disadvantage for the end user whilst positively influencing the life span of the product. Approximately 50% of our fittings are now being produced in this way - we have modified all our popular parts.

### Technical Advice

If technical advice is requested, our customers have access to trained experts with practical experience. We also offer group training on specific subjects, as well as practically orientated advice regarding installation guidelines.



## > Your benefits

- technological expertise
- premier quality and performance
- system solutions
- know-how and experience
- local support



**GEORG FISCHER**  
PIPING SYSTEMS

Black Malleable Iron Pipe Fittings +GF+ BS EN10242

G/F Fig No	3/8"	1/2"	3/4"	1"	1 1/4"	
90 F/F Elbow	90	GFB090103	GFB090104	GFB090105	GFB090106	GFB090107
90 M/F Elbow	92	GBB092103	GBB092104	GBB092105	GBB092106	GBB092107
45 F/F Elbow	120	GFB120103	GFB120104	GFB120105	GFB120106	GFB120107
45 M/F Elbow	121	GBB092103	GBB092104	GBB092105	GBB092106	GBB092107
90 F/F Bend	2a	GFB02A103	GFB02A104	GFB02A105	GFB02A106	GFB02A107
90 M/F Bend	1a	GFB01A103	GFB01A104	GFB01A105	GFB01A106	GFB01A107
Twin Elbow	132	*	GFB131104	GFB131105	GFB131106	GFB131107
Square Tee	130	GFB130103	GFB130104	GFB130105	GFB130106	GFB130107
Swept Tee	131	*	GFB131104	GFB131105	GFB131106	GFB131107
Socket	270	GFB270103	GFB270104	GFB270105	GFB270106	GFB270107
Backnut	312	GFB312103	GFB312104	GFB312105	GFB312106	GFB312107
Cap	300	GFB300103	GFB300104	GFB300105	GFB300106	GFB300107
Plug	291	*	GBF291104	GBF291105	GBF291106	GBF291107
Hex Nipple	280	GFB270103	GFB270104	GFB270105	GFB270106	GFB270107
F/F Iron Union	340	GFB340103	GFB340104	GFB340105	GFB340106	GFB340107
F/F Navy Union	342a	*	GFB342A104	GFB342A105	GFB342A106	GFB342A107

G/F Fig No	1 1/2"	2"	2 1/2"	3"	4"	
90 F/F Elbow	90	GFB090108	GFB090109	GFB090110	GFB090111	GFB090112
90 M/F Elbow	92	GBB092108	GBB092109	GBB092110	GBB092111	GBB092112
45 F/F Elbow	120	GFB120108	GFB120109	GFB120110	GFB120111	GFB120112
45 M/F Elbow	121	GBB092108	GBB092109	GBB092110	GBB092111	GBB092112
90 F/F Bend	2a	GFB02A108	GFB02A109	GFB02A110	GFB02A111	GFB02A112
90 M/F Bend	1a	GFB01A108	GFB01A109	GFB01A110	GFB01A111	GFB01A112
Twin Elbow	132	GFB131108	GFB131109	GFB131110	GFB131111	GFB131112
Square Tee	130	GFB130108	GFB130109	GFB130110	GFB130111	GFB130112
Swept Tee	131	GFB131108	GFB131109	GFB131110	GFB131111	GFB131112
Socket	270	GFB270108	GFB270109	GFB270110	GFB270111	GFB270112
Backnut	312	GFB312108	GFB312109	GFB312110	GFB312111	GFB312112
Cap	300	GFB300108	GFB300109	GFB300110	GFB300111	GFB300112
Plug	291	GBF291108	GBF291109	GBF291110	GBF291111	GBF291112
Hex Nipple	280	GFB270108	GFB270109	GFB270110	GFB270111	GFB270112
F/F Iron Union	340	GFB340108	GFB340109	GFB340110	GFB340111	GFB340112
F/F Navy Union	342a	GFB342A108	GFB342A109	*	*	*

We Stock A Full Range Of Black Reducing Bushes, Tees, Sockets & Available in Galvanised.



**GEORG FISCHER**  
PIPING SYSTEMS





Mild Steel Equal Fittings To BS EN10241 (Formerly BS1740)

	1/8"	1/4"	3/8"	1/2"	3/4"	1"
Elbow 90	TF3BELB006	TF3BELBO08	TF3BEL010	TF3BELB025	TF3BELB020	TF3BELB025
Elbows 45	*	*	*	TF3BELBN015	TF3BELBN020	TF3BELBN025
Tee	TF3BTEE006	TF3BTEE008	TF3BTEE010	TF3BTEE015	TF3BTEE020	TF3BTEE025
Cross	*	*	*	TF3BCRS015	TF3BCRS020	TF3BCRS025
Backnut	TF3BNUT006	TF3BNUT008	TF3BNUT010	TF3BNUT015	TF3BNUT020	TF3BNUT025
Cap	*	*	*	TF3BCAP015	TF3BCAP020	TF3BCAP025
Plug	*	TF3BPLG008	TF3BPLG010	TF3BPLG015	TF3BPLG020	TF3BPLG025
Hex Nipple	TF3BHN006	TF3BHN008	TF3BHN010	TF3BHN015	TF3BHN020	TF3BHN025
Union	*	TF3BUN008	TF3BUN010	TF3BUN015	TF3BUN020	TF3BUN025
Bend	TF2BEND006	TF2BEND008	TF2BEND010	TF2BEND015	TF2BEND020	TF2BEND025
Long Screw	TF2BLS006	TF2BLS008	TF2BLS010	TF2BLS015	TF2BLS020	TF2BLS025

	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
Elbow 90	TF3BELB032	TF3BELB040	TF3BELB050	TF3BELB065	TF3BELB080	TF3BELB100
Elbows 45	TF3BELBN032	TF3BELBN040	TF3BELBN050	*	*	*
Tee	TF3BTEE032	TF3BTEE040	TF3BTEE050	TF3BTEE065	TF3BTEE080	TF3BTEE100
Cross	TF3BCRS032	TF3BCRS040	TF3BCRS050	*	*	*
Backnut	TF3BNUT032	TF3BNUT040	TF3BNUT050	TF3BNUT065	TF3BNUT080	*
Cap	TF3BCAP032	TF3BCAP040	TF3BCAP050	*	*	*
Plug	TF3BPLG032	TF3BPLG040	TF3BPLG050	TF3BPLG065	TF3BPLG080	TF3BPLG100
Hex Nipple	TF3BHN032	TF3BHN040	TF3BHN050	TF3BHN065	TF3BHN080	*
Union	TF3BUN032	TF3BUN040	TF3BUN050	*	*	*
Bend	TF2BEND032	TF2BEND040	TF2BEND050	TF2BEND065	TF2BEND080	TF2BEND100
Long Screw	TF2BLS032	TF2BLS040	TF2BLS050	TF2BLS065	TF2BLS080	*

Mild Steel Reducing Fittings BS EN10241 (Formerly BS1740) Are Available In Bushes, Tees, Hex Nipples, Sockets & In Galvanised Finish.

Mild steel fittings are suited for high pressure applications, for use on steam, water, gas & air services.





Mild Steel Nipples/Sockets To BS EN10241 (Formerly BS1740)

BARREL NIPPLE				CLOSE TAPER NIPPLE		
SIZE	BLACK	GALV	MIN LTH	BLACK	GALV	MIN LTH
1/8	TF1BBN006	TF1GBN006	38mm			
1/4	TF1BBN008	TF1GBN008	38mm	TF1BCTN008	TF1GCTN008	27mm
3/8	TF1BBN010	TF1GBN010	38mm	TF1BCTN010	TF1GCTN010	28mm
1/2	TF1BBN015	TF1GBN015	51mm	TF1BCTN015	TF1GCTN015	37mm
3/4	TF1BBN020	TF1GBN020	54mm	TF1BCTN020	TF1GCTN020	39mm
1	TF1BBN025	TF1GBN025	60mm	TF1BCTN025	TF1GCTN025	46mm
1 1/4	TF1BBN032	TF1GBN032	70mm	TF1BCTN032	TF1GCTN032	51mm
1 1/2	TF1BBN040	TF1GBN040	70mm	TF1BCTN040	TF1GCTN040	51mm
2	TF1BBN050	TF1GBN050	79mm	TF1BCTN050	TF1GCTN050	60mm
2 1/2	TF1BBN065	TF1GBN065	89mm	TF1BCTN065	TF1GCTN065	69mm
3	TF1BBN080	TF1GBN080	102mm	TF1BCTN080	TF1GCTN080	75mm
4	TF1BBN100	TF1GBN100	114mm	TF1BCTN100	TF1GCTN100	87mm
5	TF1BBN125	TF1GBN125	124mm	TF1BCTN125	TF1GCTN125	96mm
6	TF1BBN150	TF1GBN150	127mm	TF1BCTN150	TF1GCTN150	96mm

RUNNING NIPPLE			EQUAL SOCKET			
SIZE	BLACK	GALV	BLACK	GALV	MIN LTH	MIN O/D
1/4	TF1BRN008	TF1GRN008	TF3BSKT008	TF3GSKT008	27mm	18.5mm
3/8	TF1BRN010	TF1GRN010	TF3BSKT010	TF3GSKT010	28mm	22mm
1/2	TF1BRN015	TF1GRN015	TF3BSKT015	TF3GSKT015	37mm	27mm
3/4	TF1BRN020	TF1GRN020	TF3BSKT020	TF3GSKT020	39mm	32.5mm
1	TF1BRN025	TF1GRN025	TF3BSKT025	TF3GSKT025	46mm	39.5mm
1 1/4	TF1BRN032	TF1GRN032	TF3BSKT032	TF3GSKT032	51mm	49mm
1 1/2	TF1BRN040	TF1GRN040	TF3BSKT040	TF3GSKT040	51mm	56mm
2	TF1BRN050	TF1GRN050	TF3BSKT050	TF3GSKT050	60mm	68mm
2 1/2	TF1BRN065	TF1GRN065	TF3BSKT065	TF3GSKT065	69mm	84mm
3	TF1BRN080	TF1GRN080	TF3BSKT080	TF3GSKT080	75mm	98mm
4	TF1BRN100	TF1GRN100	TF3BSKT100	TF3GSKT100	87mm	124mm
5	TF1BRN125	TF1GRN125	TF3BSKT125	TF3GSKT125	96mm	151mm
6	TF1BRN150	TF1GRN150	TF3BSKT150	TF3GSKT150	96mm	178mm

Nipples are made from heavy tube EN10255/BS1387, supplied in standard lengths. Special lengths available on application.

Dimensions for information only, tolerances apply.



Carbon Steel Tube, ERW to API 5L Grade B & EN10217-1 (BS3601)  
 Carbon Steel Tube, Seamless API 5L Grade B Dual Certified to ASTM A106 Grade B  
 Options: Galvanised seamless carbon steel tube & cut lengths to order

<b>LINEPIPE DIMENSIONS (o/d &amp; Wall Thickness)</b>								
<b>N/B SIZE</b>	<b>O/D MM</b>	<b>SCH10</b>	<b>SCH20</b>	<b>SCH30</b>	<b>STD W/T</b>	<b>SCH40</b>	<b>X/S</b>	<b>SCH80</b>
1/4"	13.7				2.2	2.2	3	3
3/8"	17.1				2.3	2.3	3.2	3.2
1/2"	21.3				2.8	2.8	3.7	3.7
3/4"	26.7				2.9	2.9	3.9	3.9
1"	33.4				3.4	3.4	4.5	4.5
1 1/4"	42.2				3.6	3.6	4.9	4.9
1 1/2"	48.3				3.7	3.7	5.1	5.1
2"	60.3				3.9	3.9	5.5	5.5
2 1/2"	73.0				5.2	5.2	7.0	7.0
3"	88.9				5.5	5.5	7.6	7.6
4"	114.3				6.0	6.0	8.6	8.6
5"	141.3				6.6	6.6	9.5	9.5
6"	168.3				7.1	7.1	11.0	11.0
8"	219.1		6.4	7.0	8.2	8.2	12.7	12.7
10"	273.1		6.4	7.8	9.3	9.3	12.7	15.1
12"	323.9		6.4	8.4	9.5	10.3	12.7	17.5
14"	355.6	6.4	7.9	9.5	9.5	11.1	12.7	19.1
16"	406.4	6.4	7.9	9.5	9.5	12.7	12.7	21.4
18"	457	6.4	7.9	11.1	9.5	14.3	12.7	23.8
20"	508	6.4	9.5	12.7	9.5	15.1	12.7	26.2
22"	559	6.4	9.5	12.7	9.5	15.9	12.7	28.6
24"	610	6.4	9.5	14.3	9.5	17.5	12.7	31.0
26"	660	7.9	12.7		9.5		12.7	
28"	711	7.9	12.7	15.9	9.5		12.7	
30"	762	7.9	12.7	15.9	9.5		12.7	
32"	813	7.9	12.7	15.9	9.5	17.5	12.7	
34"	864	7.9	12.7	15.9	9.5	17.5	12.7	
36"	914	7.9	12.7	15.9	9.9	19.1	12.7	

Welded fittings to ASTM A234 WPB, (see steel butt weld fittings section)

ASA flanges to ASTM/ASME SA 105N, (see steel flange section)

Forged steel fittings to A105N BS3799, we stock BSP 3000lb fittings to suit the above tube.

Options available, NPT, socket weld, galvanised & stainless steel in 3K/6K/9K.

Welded Fittings In Accordance With ASTM A234 WPB  
 Concentric/Eccentric Reducers Also Available & All Schedules

size	90 ELBOW L/R		45 ELBOW L/R		EQUAL TEE		END CAP	
	STD	X/S	STD	X/S	STD	X/S	STD	X/S
1/2	W16ELB101	W16XELB100	W16ELB201	W16XELB151	W16TEE015	W16XTEE101	W16CAP015	W16XCAP01
3/4	W16ELB102	W16XELB101	W16ELB102	W16XELB152	W16TEE020	W16XTEE102	W16CAP020	W16XCAP02
1	W16ELB103	W16XELB102	W16ELB203	W16XELB153	W16TEE025	W16XTEE103	W16CAP025	W16XCAP03
1 1/4	W16ELB104	W16XELB103	W16ELB204	W16XELB154	W16TEE032	W16XTEE104	W16CAP032	W16XCAP04
1 1/2	W16ELB105	W16XELB104	W16ELB205	W16XELB155	W16TEE040	W16XTEE105	W16CAP040	W16XCAP05
2	W16ELB106	W16XELB106	W16ELB206	W16XELB156	W16TEE050	W16XTEE106	W16CAP050	W16XCAP06
2 1/2	W16ELB107	W16XELB107	W16ELB207	W16XELB157	W16TEE065	W16XTEE107	W16CAP065	W16XCAP07
3	W16ELB108	W16XELB108	W16ELB208	W16XELB158	W16TEE080	W16XTEE108	W16CAP080	W16XCAP08
4	W16ELB109	W16XELB109	W16ELB209	W16XELB159	W16TEE100	W16XTEE109	W16CAP100	W16XCAP09
5	W16ELB110	W16XELB110	W16ELB210	W16XELB160	W16TEE125	W16XTEE110	W16CAP125	W16XCAP10
6	W16ELB111	W16XELB111	W16ELB211	W16XELB161	W16TEE150	W16XTEE111	W16CAP150	W16XCAP11
8	W16ELB112	W16XELB112	W16ELB212	W16XELB162	W16TEE200	W16XTEE112	W16CAP200	W16XCAP12
10	W16ELB113	W16XELB113	W16ELB213	W16XELB163	W16TEE250	W16XTEE113	W16CAP250	W16XCAP13
12	W16ELB114	W16XELB114	W16ELB214	W16XELB164	W16TEE300	W16XTEE114	W16CAP300	W16XCAP14

















Butt Weld Fittings BS1965, Medium & Heavy

Branch Bends, Concentric/Eccentric Reducers Also Available

size	90 ELBOW L/R		45 ELBOW L/R		EQUAL TEE		END CAP	
	MED	HVY	MED	HVY	MED	HVY	MED	HVY
1/2	WLDEL101	WLDEL117	APPLIC	WLDEL201	APPLIC	WLDTEE015	APPLIC	WLDCAP015
3/4	WLDEL102	WLDEL118	*	WLDEL202	*	WLDTEE020	*	WLDCAP020
1	WLDEL103	WLDEL119	*	WLDEL203	*	WLDTEE025	*	WLDCAP025
1 1/4	WLDEL104	WLDEL120	*	WLDEL204	*	WLDTEE032	*	WLDCAP032
1 1/2	WLDEL105	WLDEL121	*	WLDEL205	*	WLDTEE040	*	WLDCAP040
2	WLDEL106	WLDEL122	*	WLDEL206	*	WLDTEE050	*	WLDCAP050
2 1/2	WLDEL107	WLDEL123	*	WLDEL207	*	WLDTEE065	*	WLDCAP065
3	WLDEL108	WLDEL124	*	WLDEL208	*	WLDTEE080	*	WLDCAP080
4	WLDEL109	WLDEL125	*	WLDEL209	*	WLDTEE100	*	WLDCAP100
5	WLDEL110	WLDEL126	*	WLDEL210	*	WLDTEE125	*	WLDCAP125
6	WLDEL111	WLDEL127	*	WLDEL211	*	WLDTEE150	*	WLDCAP150



Grinnell Grooved Products Are Designed For Use On 1-24" Pipe Services, Various Mediums In The Mechanical Services. The Grinnell System Provides Several Economic Advantages When Compared To Welded Or Flanged Systems. Fittings Are Supplied In Carbon Steel Painted Red/Stainless Steel\* (\*WRAS Approved Product) And Hot Dip Galvanized. Grinnell Offer A Range Of Grooved Ended Valves & Special Fabricated Items On Request.

<p><b>705</b> Flexible Coupling Option: EPDM Or Nitrile Seal 1 1/4" -12"</p>		<p><b>321</b> Reducer Tee Painted/Galvanized 2"-12" Various Branch Sizes</p>		<p><b>70006E</b> 1/2 KG Lubricant Chilled Water/Air &amp; Drinking Water</p>	
<p><b>577</b> Light Rigid Coupling Option: EPDM Or Nitrile Seal 1 1/4" -12"</p>		<p><b>730 THR</b> BSP Branch Tee 1 1/2" - 4" BSP Branch Up To 8" Run Size Painted/Galvanized</p>		<p><b>71 Din/Ansi</b> Flange Adaptors Insert 2"-12" For Use On Butterfly Valves St/St Material</p>	
<p><b>71</b> Flange Coupling Option: EPDM Or Nitrile Seal PN10/16 ASA150 2"-12"</p>		<p><b>730 GRV</b> Grooved Branch Tee 1 1/4" -4" Branch Sizes Up To 8" Run Sizes</p>		<p><b>E Gasket</b> EPDM Gasket 1"-12" Green Colour Code - 34 + 110c Water/Acids</p>	
<p><b>210</b> 90 Elbow Painted/Galvanized 1"-12" Short Radius Option</p>		<p><b>250</b> Conc Reducer 1"-12" Various Sizes Eccentric Available</p>		<p><b>T Gasket</b> Nitrile/Buna 1"-12" Orange Colour Code -29 +82c Petroleum, Oily Air Systems</p>	
<p><b>201</b> 45 Elbow Painted/Galvanized 1"-12" Short Radius Option</p>		<p><b>260</b> End Cap Painted/Galvanized 1"-12"</p>			
<p><b>219</b> Equal Tee Painted/Galvanized 1"-12"</p>		<p><b>340/344</b> Flange Adaptors Painted/Galvanized 2"-12" PN10/16 ASA150 Option</p>			

Note: We can supply full lengths of grooved ended pipework & cut lengths to your requirements, in steel, galvanized and stainless steel.

Think Grooved.....



Think Grinnell.....

Primofit compression fitting is a time saving pipe jointing system for steel & mdpe pipework. Ease of installation without the need for specialist tools is an important feature allowing connections to plain ended pipe.

<p><b>Coupling</b></p> <p>1/2-3" Stl x Stl Galvanised, NBR Seals</p> <p>20-63mm PE x PE Black, NBR Seals</p>		<p><b>90 Elbow</b></p> <p>1/2-2" Stl x Stl Galvanised, NBR Seals</p> <p>20-63mm PE x PE Black, NBR Seals</p>	
<p><b>Male Adaptor</b></p> <p>1/2-3" Stl x BSP Galvanised, NBR Seals</p> <p>20-63mm PE x BSP, Black, NBR Seals</p>		<p><b>Tee</b></p> <p>1/2-2" Stl x Stl Galvanised, NBR Seals</p> <p>20-63mm PE x PE Black, NBR Seals</p>	
<p><b>Female Adaptor</b></p> <p>1/2-3" Stl x BSP Galvanised, NBR Seals</p> <p>20-63mm PE x BSP Black, NBR Seal</p>		<p><b>Cap</b></p> <p>1/2-2" Stl x Stl Galvanised, NBR Seals</p> <p>20-63mm PE x PE Black, NBR Seals</p>	

FIRE JOINT FITTINGS & POTABLE WATER COUPLINGS ARE AVAILBLE ON REQUEST

MEDIUM	APPLICATION	MAX TEMP	MAX PRESSURE	FINISH	SEAL
Water	Non Potable	80C	16BAR	GALV	NBR
LP Gas	Above Ground	70C	10BAR	GALV	NBR
Natural Gas	Below Ground	70C	10BAR	BLACK	NBR
Oil	Fuel Oil	40C	16BAR	BLACK	NBR
Compressed Air	Supply Lines	105C	10BAR	GALV	FPM
Diesel/Petrol	Fuel Lines	40C	10BAR	BLACK	FPM
Water	Heating Systems	105C	6BAR	BLACK	FPM

The Viking Johnson Maxifit range has been designed to join pipes of various diameters. These fittings can be used on steel, ductile iron, cast iron and pvc-u pipes. The Easi Range, Aquagrip, Flexlock & fabricated couplings are available on request.

SIZE	COUPLING	FLANGE ADAPTOR	O/D RANGE
1 1/2	VJC101	*	48-59MM
2	VJC102	VJC201	57-74MM
2 1/2	VJC103	VJC201A	72-85MM
3	VJC104	VJC202	85-107MM
4	VJC105	VJC203	107-128MM
5	VJC106	VJC204	139-153MM
6	VJC107	VJC205	158-181.6MM
8	VJC108	VJC206	219-234MM
10	VJC110	VJC207	265-280MM
12	VJC115	VJC208	324-338MM

SIZE	MINI REPAIR CLAMP	O/D RANGE
1/2	REPAIR101	21-25MM
3/4	REPAIR102	26-30MM
1	REPAIR103	33-37MM
1 1/4	REPAIR104	42-46MM
1 1/2	REPAIR105	47-51MM
2	REPAIR106	60-64MM

