

Contents

Welded Products.....1-41

Belled Bends.....3-10

Short Radius Belled Bends.....	4
Long Radius Belled Bends.....	5
Short Belled 180 Return Bends.....	6
Long Belled 180 Return Bends.....	7
Short Belled Double Branch Bends.....	8
Long Belled Double Branch Bends.....	9
Belled Bend Specifications.....	10

Tees.....11-14

Short Belled Tees.....	12
Long Belled Tees.....	13
Tee Specifications.....	14

Laterals.....15-19

Short Radius Laterals (Style A).....	16
Long Radius Laterals (Style A).....	17
Belled Laterals (Style B).....	18
Lateral Specifications.....	19

Y's.....21-24

Short Radius 60 and 90 Y's.....	22
Long Radius 60 and 90 Y's.....	23
Y Specifications.....	24

Crosses.....25-28

Short Belled Crosses.....	26
Long Belled Crosses.....	27
Cross Specifications.....	28

Strainers.....29-35

Tee Type Strainers.....	30
45 and 60 Lateral Line Strainers.....	31
Straight Strainers.....	32
Strainer Screen Baskets.....	33
Strainer Specifications.....	34

Plugs, Belled Reducers, Connectors.....35-39

Belled Concentric Reducers.....	36
Belled Eccentric Reducers.....	37
Grooved Line Plug.....	38
Specifications.....	39

Seamless Products.....41-69

Seamless Belled Bends.....43-46

Seamless Short Radius Belled Bends...44	
Seamless Long Radius Belled Bends...45	
Seamless Belled Bend Specifications.46	

Seamless Tees.....47-50

Seamless Short Belled Tees.....	48
Seamless Long Belled Tees.....	49

Seamless Laterals.....51-53

Seamless Short Radius Laterals.....	52
Seamless Long Radius Laterals.....	53

Seamless Crosses.....55-58

Seamless Short Belled Crosses.....	56
Seamless Long Belled Crosses.....	57
Seamless Cross Specifications.....	58

Seamless Strainers.....59-61

Seamless Straight Strainers.....	60
Seamless Strainer Specifications.....	61

Seamless Belled Reducers, Connectors, Saddles & Side Steps.63-69

Seamless Concentric Reducers.....	64
Seamless Eccentric Reducers.....	65
Belled Connector.....	66
Belled Saddles.....	67
Side Steps.....	68
Specifications.....	69

Flanges.....	71-78
Aluminum Flued Flanges.....	72
Flued Flanges.....	73
TTMA Aluminum Flanges	74
Blind Flanges	75
Eccentric Reducing Flued Flanges.....	76
Concentric Reducing Flued Flanges...	77
Square Flanges.....	78
Drain Pockets.....	81-84
Drain Pockets Removable Studs (A)....	82
Drain Pockets Welded Studs (B).....	83
Drain Pocket Specifications.....	84
Couplings & Nipples.....	85-92
Mark 1 Coupling.....	86
Mark 2 Coupling.....	87
Dry Bulk Couplings.....	88
Grooved Nipples.....	89
Belled Grooved Nipples.....	90
Threaded Nipples.....	91
Coupling & Nipple Specifications.....	92
Dry Bulk	93-97
Cookie Cutter.....	94
Dry Bulk Coupling.....	95
Square Flanges.....	96
Dry Bulk Specifications.....	97
Gaskets.....	99-116
Elastomer Fluid Compatibility.....	101-113
Coupling Gaskets	114
Flat Gaskets.....	115
Gasket Specifications.....	116



Welded Products

Manufactured and tested for use at **low pressures**. Each item is welded with **100% weld penetration** by ASME Section IX & AWS D1.1 certified welders. Look for their **mark of excellence**.

We do not advocate use above the API RP 1004 recommendations of:
75 psig - working pressure
112.5 psig - test pressure
300 psig - burst pressure

Fittings are **individually inspected & randomly tested** at our manufacturing facility as part of our quality control program. We do not test every fitting. The user should test all fittings at 1.5 - 2 times the working pressure after installation.





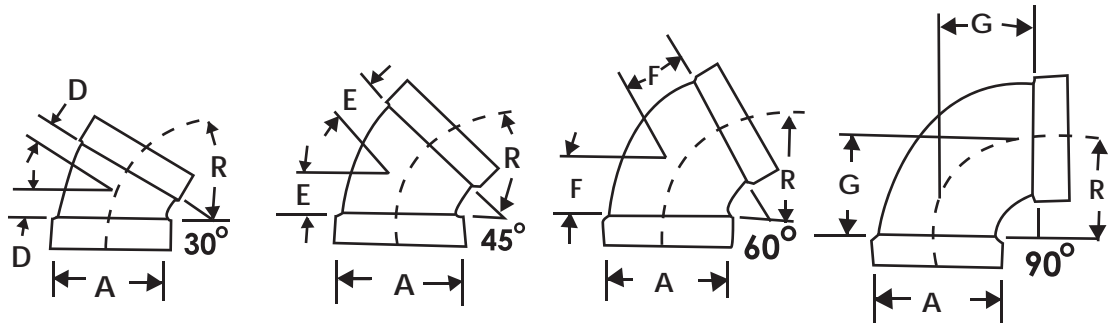
Belled Bends

EGHENY COUPLING CO.
WARREN, PA.

Short Radius Belled Bends



- Aluminum**
- Steel**
- 304 Stainless**
- 316 Stainless**



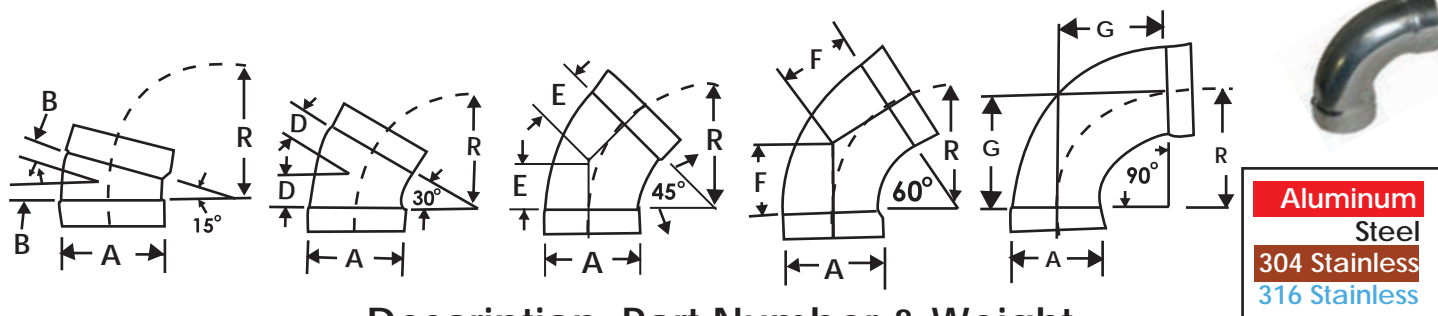
Description, Part Number & Weight

Pipe/Tubing Nom. Size	O.D.	Thickness	30°		45°		60°		90°	
			Part#	Wt	Part#	Wt	Part#	Wt	Part#	Wt
2	2 3/8	.125	40634D	.25	40634C	.3	40634B	.45	40634A	.63
		.0598	40262D	.3	40262C	.4	40262B	.5	40262A	.75
		.0598	S40684D	.3	S40684C	.4	S40684B	.5	S40684A	.75
		.0598	SS40754D	.3	SS40754C	.4	SS40754B	.5	SS40754A	.75
2 1/2	2 7/8	.0598	40864D	.5	40864C	.6	40864B	.8	40864A	1.0
		.0598	S40899D	.5	S40899C	.6	S40899B	.8	S40899A	1.0
		.0598	SS40982D	.5	SS40982C	.6	SS40982B	.8	SS40982A	1.0
3	3 1/2	.125	40633D	.6	40633C	.75	40633B	1.0	40633A	1.0
		.0598	40263D	.7	40263C	.9	40263B	1.2	40263A	1.4
		.0598	S40539D	.7	S40539C	.9	S40539B	1.2	S40539A	1.4
		.0598	SS40666D	.7	SS40666C	.9	SS40666B	1.2	SS40666A	1.4
4	4 1/2	.125	40591D	.9	40591C	1.0	40591B	1.3	40591A	1.6
		.0598	40264D	1.2	40264C	1.3	40264B	1.6	40264A	2.3
		.0598	S40355D	1.2	S40355C	1.3	S40355B	1.6	S40355A	2.3
		.0598	SS40614D	1.2	SS40614C	1.3	SS40614B	1.6	SS40614A	2.3
6	6 5/8	.125	40821D	2.2	40821C	2.8	40821B	3.4	40821A	3.0
		.0747	40613D	2.4	40613C	3.5	40613B	4.4	40613A	5.7
		.0747	S40613D	2.4	S40613C	3.5	S40613B	4.4	S40613A	5.7
		.0747	SS40613D	2.4	SS40613C	3.5	SS40613B	4.4	SS40613A	5.7

Dimensions

Size	R	A (I.D.)	D	E	F	G
2	2	2 13/32	17/32	13/16	1 5/32	2
2 1/2	2 1/2	2 29/32	5/8	1 1/8	1 1/4	2 1/2
3	3	3 17/32	13/16	1 1/4	1 3/4	3
4	4	4 17/32	1 1/32	1 21/32	2 5/16	4
6	6	6 21/32	1 7/16	2 5/16	3 3/16	6

Long Radius Belled Bends



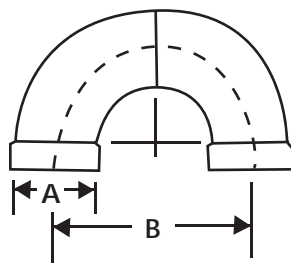
Description, Part Number & Weight

Pipe/Tubing Nom. Size	O.D.	Thickness	15°		30°		45°		60°		90°	
			Part#	Wt	Part#	Wt	Part#	Wt	Part#	Wt	Part#	Wt
1 1/2	1 7/8	.0598	NA		40622D	.4	40622C	.45	40622B	.5	40622A	.6
		.0598	NA		S40622D	.4	S40622C	.45	S40622B	.5	S40622A	.6
		.0598	NA		SS40622D	.4	SS40622C	.45	SS40622B	.5	SS40622A	.6
2	2 3/8	.125	40126F	.3	40126D	.4	40126C	.5	40126B	.6	40126A	.7
		.0598	40113F	.4	40113D	.5	40113C	.6	40113B	.7	40113A	.9
		.0598	S40173F	.4	S40173D	.5	S40173C	.6	S40173B	.7	S40173A	.9
		.0598	SS40123F	.4	SS40123D	.5	SS40123C	.6	SS40123B	.7	SS40123A	.9
2 1/2	2 7/8	.125	40564F	.4	40564D	.5	40564C	.6	40564B	.8	40564A	1.0
		.0598	40231F	.5	40231D	.7	40231C	.8	40231B	1.0	40231A	1.3
		.0598	S40248F	.5	S40248D	.7	S40248C	.8	S40248B	1.0	S40248A	1.3
		.0598	SS40249F	.5	SS40249D	.7	SS40249C	.8	SS40249B	1.0	SS40249A	1.3
3	3 1/2	.125	40111F	.6	40111D	.7	40111C	.88	40111B	1.1	40111A	1.4
		.0598	40090F	.7	40090D	.9	40090C	1.1	40090B	1.4	40090A	1.7
		.0598	S40174F	.7	S40174D	.9	S40174C	1.1	S40174B	1.4	S40174A	1.7
		.0598	SS40124F	.7	SS40124D	.9	SS40124C	1.1	SS40124B	1.4	SS40124A	1.7
4	4 1/2	.125	40127F	.8	40127D	1.0	40127C	1.5	40127B	1.9	40127A	2.2
		.0598	40112F	1.0	40112D	1.3	40112C	1.7	40112B	2.1	40112A	2.8
		.0598	S40175F	1.0	S40175D	1.3	S40175C	1.7	S40175B	2.1	S40175A	2.8
		.0598	SS40125F	1.0	SS40125D	1.3	SS40125C	1.7	SS40125B	2.1	SS40125A	2.8
6	6 5/8	.125	40327F	2.2	40327D	2.8	40327C	3.8	40327B	4.6	40327A	4.2
		.0747	40199F	2.8	40199D	3.6	40199C	4.8	40199B	5.9	40199A	7.8
		.0747	S40199F	2.8	S40199D	3.6	S40199C	4.8	S40199B	5.9	S40199A	7.8
		.0747	SS40199F	2.8	SS40199D	3.6	SS40199C	4.8	SS40199B	5.9	SS40199A	7.8

Dimensions

Size	R	A (I.D.)	B	D	E	F	G
1 1/2	2 1/4	1 29/32	NA	19/32	7/8	1 1/8	2 1/4
2	3	2 13/32	13/32	13/16	1 1/4	1 3/4	3
2 1/2	3 3/4	2 29/32	1/2	1	1 9/16	2 5/32	3 3/4
3	4 1/2	3 17/32	19/32	1 3/16	1 7/8	2 19/32	4 1/2
4	6	4 17/32	25/32	1 19/32	2 1/2	3 15/32	6
6	9	6 21/32	1 3/16	2 13/32	3 3/4	5 3/16	9

Short Radius Belled 180° Return Bends

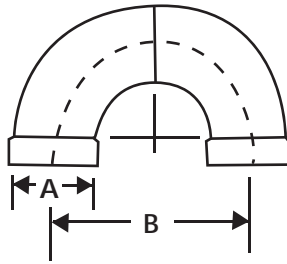


Aluminum
Steel
304 Stainless
316 Stainless

Description, Part Number & Weight Dimensions

Pipe/Tubing Nom. Size	O.D.	Thickness	Part#	Wt	B	A
2	2 3/8	.0598	40755	1.3	4	2 13/32
		.0598	S40755	1.3	4	2 13/32
		.0598	SS40755	1.3	4	2 13/32
3	3 1/2	.125	40681	2.3	6	3 17/32
		.0598	40668	2.7	6	3 17/32
		.0598	S40668	2.7	6	3 17/32
		.0598	SS40668	2.7	6	3 17/32
4	4 1/2	.125	40664	3.8	8	4 17/32
		.0598	40663	4.5	8	4 17/32
		.0598	S40663	4.5	8	4 17/32
		.0598	SS40663	4.5	8	4 17/32
6	6 5/8	.125	40883	8.1	12	6 21/32
		.0598	40858	10.1	12	6 21/32
		.0598	S40858	10.1	12	6 21/32
		.0598	SS40858	10.1	12	6 21/32

Long Radius Belled 180° Return Bends

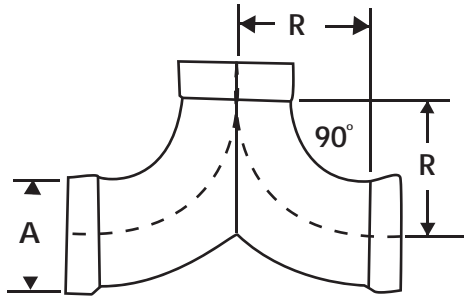


Aluminum
Steel
304 Stainless
316 Stainless

Description, Part Number & Weight Dimensions

Pipe/Tubing Nom. Size	O.D.	Thickness	Part#	Wt	B	A
1 1/2	1 7/8	.0598	40683	1.1	4 1/2	1 29/32
		.0598	S40683	1.1	4 1/2	1 29/32
		.0598	SS40683	1.1	4 1/2	1 29/32
2	2 3/8	.125	40658	1.7	6	2 13/32
		.0598	40652	1.7	6	2 13/32
		.0598	S40652	1.7	6	2 13/32
		.0598	SS40652	1.7	6	2 13/32
2 1/2	2 7/8	.125	40659	1.9	7 1/2	2 29/32
		.0598	40655	2.4	7 1/2	2 29/32
		.0598	S40655	2.4	7 1/2	2 29/32
		.0598	SS40655	2.4	7 1/2	2 29/32
3	3 1/2	.125	40660	2.6	9	3 17/32
		.0598	40653	3.2	9	3 17/32
		.0598	S40653	3.2	9	3 17/32
		.0598	SS40653	3.2	9	3 17/32
4	4 1/2	.125	40661	4.8	12	4 17/32
		.0598	40654	5.3	12	4 17/32
		.0598	S40654	5.3	12	4 17/32
		.0598	SS40654	5.3	12	4 17/32
6	6 5/8	.125	40662	10.1	18	6 21/32
		.0747	40656	10.5	18	6 21/32
		.0747	S40656	10.5	18	6 21/32
		.0747	SS40656	10.5	18	6 21/32

Short Radius Belled Double Branch Bends

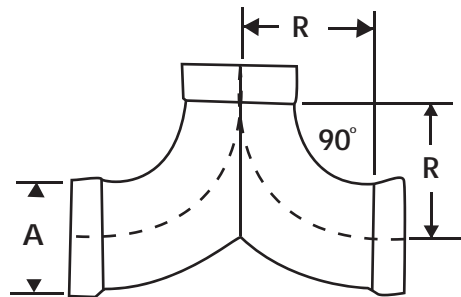


Aluminum
Steel
304 Stainless
316 Stainless

Description, Part Number & Weight Dimensions

Pipe/Tubing Nom. Size	O.D.	Thickness	Part#	Wt	R	A
2	2 3/8	.0598	40679	1.0	2	2 13/32
		.0598	S40679	1.0	2	2 13/32
		.0598	SS40679	1.0	2	2 13/32
3	3 1/2	.125	40758	1.5	3	3 17/32
		.0598	40667	2.2	3	3 17/32
		.0598	S40667	2.2	3	3 17/32
		.0598	SS40667	2.2	3	3 17/32
4	4 1/2	.125	40618	2.7	4	4 17/32
		.0598	40600	3.5	4	4 17/32
		.0598	S40600	3.5	4	4 17/32
		.0598	SS40600	3.5	4	4 17/32
6	6 5/8	.125	40932	7.5	6	6 21/32
		.0598	40885	9.4	6	6 21/32
		.0598	S40885	9.4	6	6 21/32
		.0598	SS40885	9.4	6	6 21/32

Long Radius Belled Double Branch Bends



Aluminum
Steel
304 Stainless
316 Stainless

Description, Part Number & Weight Dimensions

Pipe/Tubing Nom. Size	O.D.	Thickness	Part#	Wt	R	A
1 1/2	1 7/8	.0598	40757	.9	2 1/4	1 29/32
		.0598	S40757	.9	2 1/4	1 29/32
		.0598	SS40757	.9	2 1/4	1 29/32
2	2 3/8	.125	40602	.9	3	2 13/32
		.0598	40599	1.3	3	2 13/32
		.0598	S40599	1.3	3	2 13/32
		.0598	SS40599	1.3	3	2 13/32
2 1/2	2 7/8	.125	40636	1.6	3 3/4	2 29/32
		.0598	40605	1.9	3 3/4	2 29/32
		.0598	S40605	1.9	3 3/4	2 29/32
		.0598	SS40605	1.9	3 3/4	2 29/32
3	3 1/2	.125	40603	2.1	4 1/2	3 17/32
		.0598	40590	2.5	4 1/2	3 17/32
		.0598	S40590	2.5	4 1/2	3 17/32
		.0598	SS40590	2.5	4 1/2	3 17/32
4	4 1/2	.125	40604	3.2	6	4 17/32
		.0598	40598	4.1	6	4 17/32
		.0598	S40598	4.1	6	4 17/32
		.0598	SS40598	4.1	6	4 17/32
6	6 5/8	.125	40565	9.0	9	6 21/32
		.0747	40601	10.1	9	6 21/32
		.0747	S40601	10.1	9	6 21/32
		.0747	SS40601	10.1	9	6 21/32

SPECIFICATIONS

BELLED BENDS

1. Greater flow insures faster delivery.
2. Belled ends permit faster fitting and welding.
3. Lightweight and strong; made from metal stampings longitudinally butt-welded (not edge-welded) for greater strength.
4. Where space prohibits use of Long Radius Belled Bends, use Short Radius Belled Bends

BELLED 180 RETURN BENDS

1. Belled ends provide better piping alignment, faster installation
2. Necessity of cutting tubing square or to exact length is eliminated.
3. Piping may be installed by on person
4. Large Inside Diameter for Greater Flow
5. Lightweight and strong made from metal stampings longitudinally butt-welded (not edgewelded) for greater strength
6. May be used with pipe or thinwall tubing

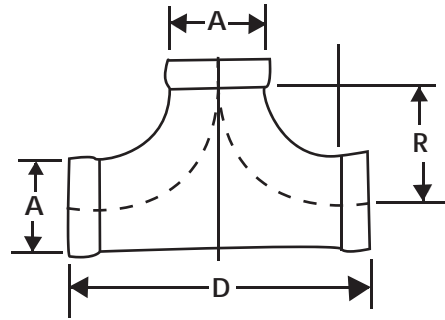
BELLED DOUBLE BRANCH BENDS

1. Belled ends provide better piping alignment, faster installation
2. Necessity of cutting tubing square or to exact length is eliminated.
3. Piping may be installed by on person
4. Large Inside Diameter for Greater Flow
5. Lightweight and strong made from metal stampings longitudinally butt-welded (not edge-welded) for greater strength
6. May be used with pipe or thin-wall tubing



Tees

Short Radius Belled Tees



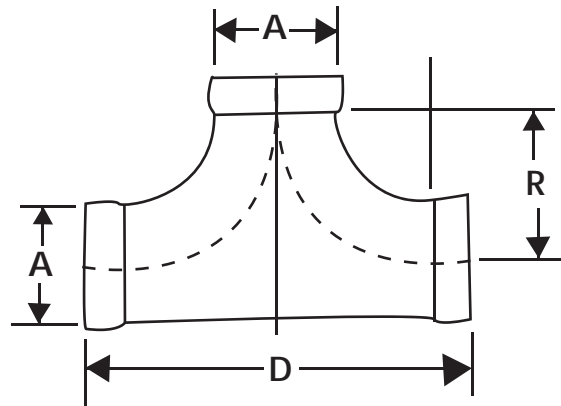
- Aluminum
- Steel
- 304 Stainless
- 316 Stainless

Description, Part Number & Weight

Dimensions

Pipe/ Tubing Nom. Size	O.D.	Thickness	Part#	Wt	R	D	A
3	3 1/2	.125	40727B	1.5	3	8 3/8	3 17/32
		.0598	40585B	2.4	3	8 3/8	3 17/32
		.0598	S40585B	2.4	3	8 3/8	3 17/32
		.0598	SS40585B	2.4	3	8 3/8	3 17/32
4	4 1/2	.125	40727C	2.25	4	10 3/8	4 17/32
		.0598	40585C	4.0	4	10 3/8	4 17/32
		.0598	S40585C	4.0	4	10 3/8	4 17/32
		.0598	SS40585C	4.0	4	10 3/8	4 17/32
6	6 5/8	.125	41389	5.2	6	14 3/8	6 21/32
		.0598	40827	9.2	6	14 3/8	6 21/32
		.0598	S40827	9.2	6	14 3/8	6 21/32
		.0598	SS40827	9.2	6	14 3/8	6 21/32

Long Radius Belled Tees



Aluminum
Steel
304 Stainless
316 Stainless

Description, Part Number & Weight

Dimensions

Pipe/Tubing Nom. Size	O.D.	Thickness	Part#	Wt	R	D	A
2	2 3/8	.125	40279A	1.2	3	8 3/8	2 13/32
		.0598	40158A	1.5	3	8 3/8	2 13/32
		.0598	S40158A	1.5	3	8 3/8	2 13/32
		.0598	SS40158A	1.5	3	8 3/8	2 13/32
2 1/2	2 7/8	.125	40611	1.7	3 3/4	9 7/8	2 29/32
		.0598	40519	2.0	3 3/4	9 7/8	2 29/32
		.0598	S40519	2.0	3 3/4	9 7/8	2 29/32
		.0598	SS40519	2.0	3 3/4	9 7/8	2 29/32
3	3 1/2	.125	40279B	2.2	4 1/2	11 3/8	3 17/32
		.0598	40158B	2.8	4 1/2	11 3/8	3 17/32
		.0598	S40158B	2.8	4 1/2	11 3/8	3 17/32
		.0598	SS40158B	2.8	4 1/2	11 3/8	3 17/32
4	4 1/2	.125	40279C	3.5	6	14 3/8	4 17/32
		.0598	40158C	4.6	6	14 3/8	4 17/32
		.0598	S40158C	4.6	6	14 3/8	4 17/32
		.0598	SS40158C	4.6	6	14 3/8	4 17/32

SPECIFICATIONS

BELLED TEES

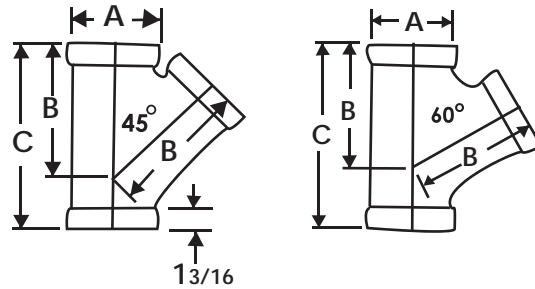
1. Belled ends Provide Better piping alignment, faster installation
2. Necessity of cutting tubing square or to exact length eliminated
3. Piping may be installed by one person
4. Sweeping lines and large I.D. for greater flow.
5. Lightweight and strong; made from metal stampings longitudinally butt-welded (not edge-welded) for greater strength.
6. May be Used with pipe or thin-wall tubing.



Laterals

Short Radius Belled Laterals

Style A



Aluminum
Steel
304 Stainless
316 Stainless

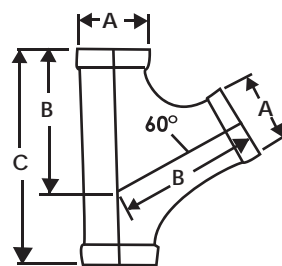
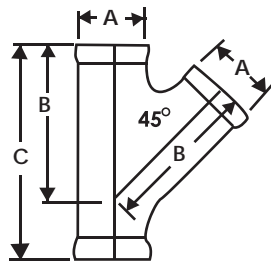
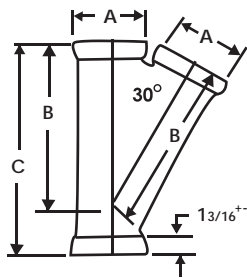
Description, Part Number & Weight

Pipe/Tubing Nom. Size	O.D.	Thickness	45°		60°	
			Part#	Wt	Part#	Wt
3	3 1/2	.125	40798B	2.2	40798C	2.2
		.0598	40637B	2.8	40637C	2.8
		.0598	S40637B	2.8	S40637C	2.8
		.0598	SS40637B	2.8	SS40637C	2.8
4	4 1/2	.125	NA		40743C	3.6
		.0598	NA		40610C	4.6
		.0598	NA		S40610C	4.6
		.0598	NA		SS40610C	4.6
6	6 5/8	.125	41391B	5.9	41391C	5.9
		.0747	40876B	10.3	40876C	10.3
		.0747	S40876B	10.3	S40876C	10.3
		.0747	SS40876B	10.3	SS40876C	10.3

Dimensions

Size	A	B		C
		45°	60°	
3	3 17/32	5 15/16	5 7/16	8 3/8
4	4 17/32	NA	6 7/8	10 3/8
6	6 17/32	10 11/16	9 3/4	14 3/8

Long Radius Belled Laterals Style A



- Aluminum
- Steel
- 304 Stainless
- 316 Stainless

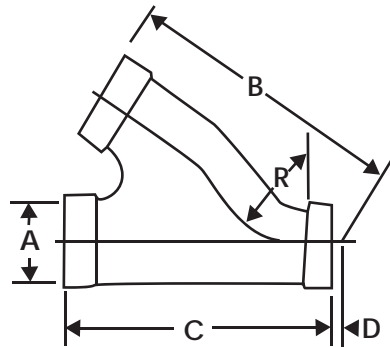
Description, Part Number & Weight

Pipe/Tubing Nom. Size	O.D.	Thickness	30°		45°		60°	
			Part#	Wt	Part#	Wt	Part#	Wt
2	2 3/8	.125	40343A	1.4	40343B	1.4	40343C	1.4
		.0598	40338A	1.8	40338B	1.8	40338C	1.8
		.0598	S40338A	1.8	S40338B	1.8	S40338C	1.8
		.0598	SS40338A	1.8	SS40338B	1.8	SS40338C	1.8
2 1/2	2 7/8	.125	41169A	1.9	41169B	1.9	41169C	1.9
		.0598	40520A	2.5	40520B	2.5	40520C	2.5
		.0598	S40520A	2.5	S40520B	2.5	S40520C	2.5
		.0598	SS40520A	2.5	SS40520B	2.5	SS40520C	2.5
3	3 1/2	.125	40344A	2.5	40344B	2.5	40344C	2.5
		.0598	NA		40339B	3.2	40339C	3.2
		.0598	NA		S40339B	3.2	S40339C	3.2
		.0598	NA		SS40339B	3.2	SS40339C	3.2
4	4 1/2	.125	40345A	3.6	40345B	3.6	40345C	3.6
		.0747	NA		40335B	5.4	40335C	5.4
		.0747	NA		S40335B	5.4	S40335C	5.4
		.0747	NA		SS40335B	5.4	SS40335C	5.4

Dimensions

Size	A	B			C
		30°	45°	60°	
2	2 13/32	6 3/8	5 15/16	5 7/16	8 3/8
2 1/2	2 29/32	7 11/16	7 5/32	6 17/32	9 7/8
3	3 17/32	8 31/32	8 5/16	7 19/32	11 3/8
4	4 17/32	11 5/8	10 11/16	9 25/32	14 1/8

Belled Laterals (Style B)



Aluminum
Steel
304 Stainless
316 Stainless

Description, Part Number & Weight

Pipe/Tubing Nom. Size	O.D.	Thickness	30°		45°	
			Part#	Wt	Part#	Wt
3	3 1/2	.0598	40749A	3.5	NA	
		.0598	S40749A	3.5	NA	
		.0598	SS40749A	3.5	NA	
4	4 1/2	.125	NA		41122B	2.75
		.0598	40750A	5.7	41124B	3.7
		.0598	S40750A	5.7	S41124B	3.7
		.0598	SS40750A	5.7	SS41124B	3.7

Dimensions

Size	A (I.D.)Bells	B		C		D		R	
		30°	45°	30°	45°	30°	45°	30°	45°
3	3 17/32	12	NA	11 3/8	NA	5/8	NA	4 1/2	NA
4	4 17/32	14	9 15/32	14 3/8	10 3/8	3/8	7/8	6	3 7/16

SPECIFICATIONS

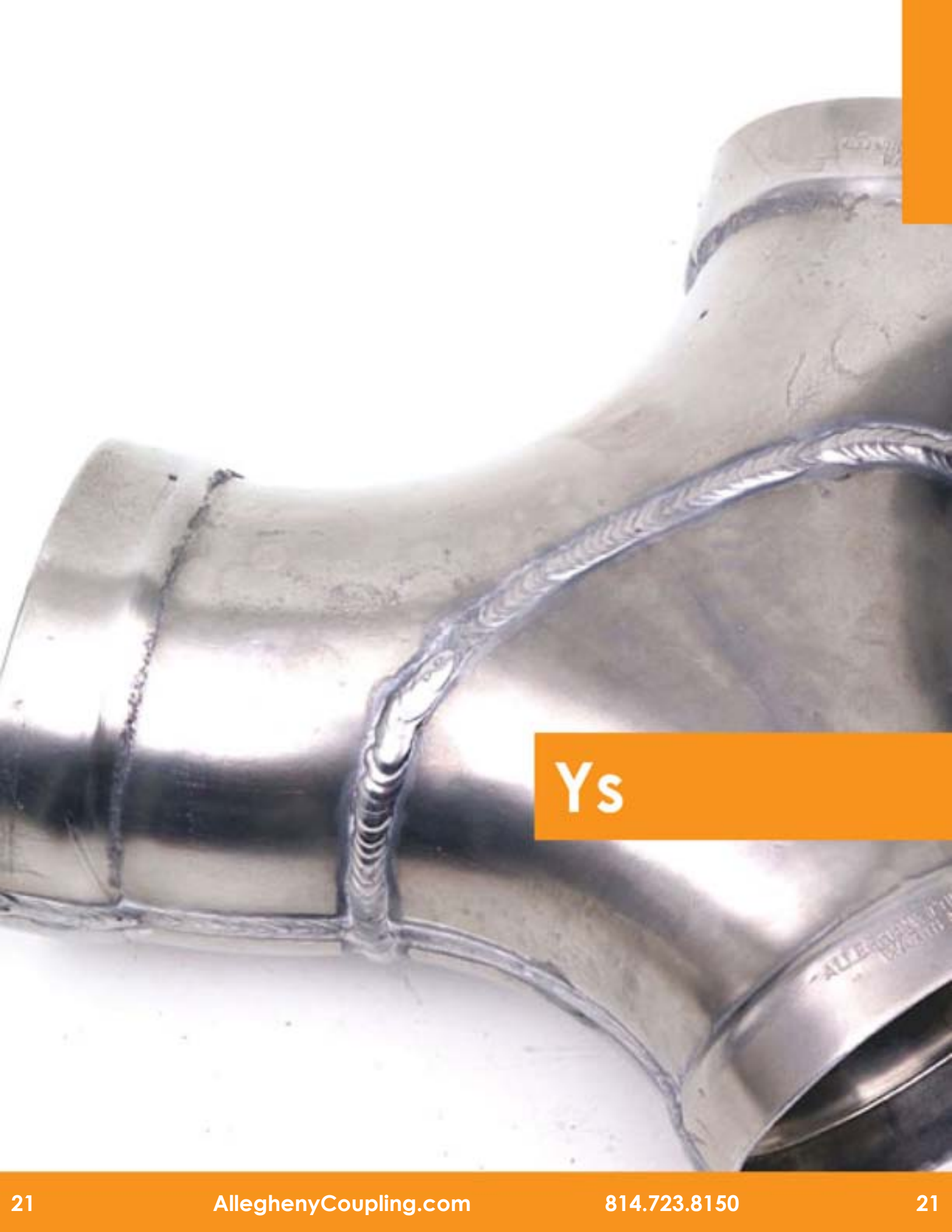
BELLED LATERALS

STYLE A

1. Belled ends Provide Better piping alignment, faster installation
2. Smooth interiors (no projections into the flow area).
3. Streamlined Belled Laterals provide greater flow and greater strength as compared with a mitered joint.
4. Large flow areas, Long radii.
5. Lightweight and strong; made from metal stampings longitudinally butt-welded (not edge-welded) for greater strength.

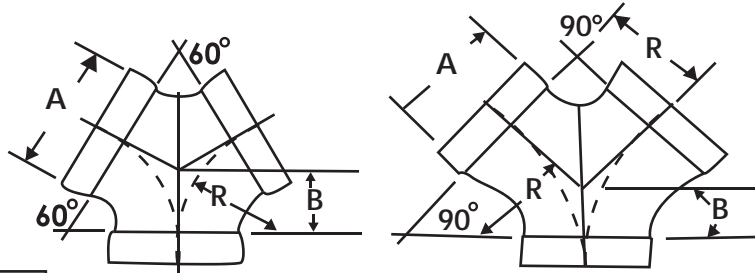
STYLE B

1. Streamlined design provide greater flow and greater strength.
2. Large flow areas
3. Belled ends Provide Better piping alignment, faster installation
4. Lightweight and strong; made from metal stampings longitudinally butt-welded (not edge-welded) for greater strength.



Ys

Short Radius Belled 60° and 90° Y's



Aluminum
Steel
304 Stainless
316 Stainless

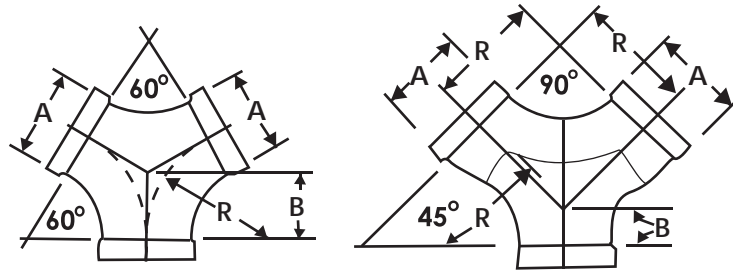
Description, Part Number & Weight

Pipe/Tubing Nom. Size	O.D.	Thickness	60°		90°	
			Part#	Wt	Part#	Wt
3	3 1/2	.125	NA		40799A	1.1
		.0598	40638B	2.2	40638A	2.0
		.0598	S40638B	2.2	S40638A	2.0
		.0598	SS40638B	2.2	SS40638A	2.0
4	4 1/2	.125	40742B	2.5	40742A	2.7
		.0598	40612B	3.0	40612A	3.2
		.0598	S40612B	3.0	S40612A	3.2
		.0598	SS40612B	3.0	SS40612A	3.2
6	6 5/8	.125	NA		41386A	2.7
		.0747	NA		40879A	4.8
		.0747	NA		S40879A	4.8
		.0747	NA		SS40879A	4.8

Dimensions

Size	A	B		R
		60°	90°	
3	3 17/32	1 17/32	25/32	3
4	4 17/32	2 5/16	1 5/16	4
6	6 21/32	NA	1 15/16	6

Long Radius Belled 60° and 90° Y's



Aluminum
Steel
304 Stainless
316 Stainless

Description, Part Number & Weight

Pipe/Tubing Nom. Size	O.D.	Thickness	60°		90°	
			Part#	Wt	Part#	Wt
2	2 3/8	.125	40532B	.75	40532A	.85
		.0598	40529B	1.0	40529A	1.1
		.0598	S40529B	1.0	S40529A	1.1
		.0598	SS40529B	1.0	SS40529A	1.1
2 1/2	2 7/8	.125	40538B	1.2	40538A	1.3
		.0598	40521B	1.5	40521A	1.6
		.0598	S40521B	1.5	S40521A	1.6
		.0598	SS40521B	1.5	SS40521A	1.6
3	3 1/2	.125	40533B	1.5	40533A	1.75
		.0598	40530B	2.0	40530A	2.2
		.0598	S40530B	2.0	S40530A	2.2
		.0598	SS40530B	2.0	SS40530A	2.2
4	4 1/2	.125	40534B	2.5	41534A	2.75
		.0598	40531B	3.5	40531A	3.7
		.0598	S40531B	3.5	S40531A	3.7
		.0598	SS40531B	3.5	SS40531A	3.7

Dimensions

Size	A	B		R
		60°	90°	
2	2 13/32	1 3/4	55/64	3
2 1/2	2 29/32	2 3/16	1 3/16	3 3/4
3	3 17/32	2 9/16	1 7/16	4 1/2
4	4 17/32	3 1/2	1 29/32	6

SPECIFICATIONS

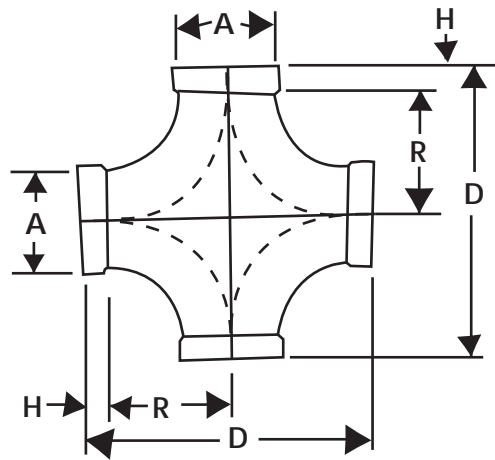
BELLED 60° & 90° Y'S

1. Belled ends Provide Better piping alignment, faster installation
2. Large flow areas, Long radii.
3. Lightweight and strong; made from metal stampings longitudinally butt-welded (not edge-welded) for greater strength.
4. May be Used with pipe or thin-wall tubing.



Crosses

Short Belled Crosses



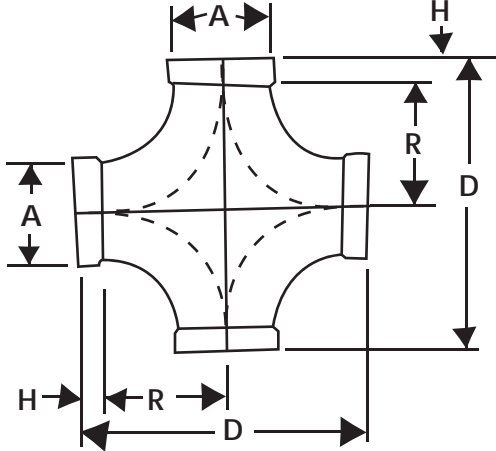
Aluminum
Steel
304 Stainless
316 Stainless

Description, Part Number & Weight

Dimensions

Pipe/Tubing Nom. Size	O.D.	Thickness	Part#	Wt	R	D	A	H
3	3 1/2	.125	40805	2.7	3	8 3/8	3 17/32	1 3/16
		.0598	40740	3.3	3	8 3/8	3 17/32	1 3/16
		.0598	S40740	3.3	3	8 3/8	3 17/32	1 3/16
		.0598	SS40740	3.3	3	8 3/8	3 17/32	1 3/16
4	4 1/2	.125	40741	4.2	4	10 3/8	4 17/32	1 3/16
		.0598	40676	5.5	4	10 3/8	4 17/32	1 3/16
		.0598	S40676	5.5	4	10 3/8	4 17/32	1 3/16
		.0598	SS40676	5.5	4	10 3/8	4 17/32	1 3/16
6	6 5/8	.125	41393	7.6	6	14 3/8	6 21/32	1 3/16
		.0747	40892	13.4	6	14 3/8	6 21/32	1 3/16
		.0747	S40892	13.4	6	14 3/8	6 21/32	1 3/16
		.0747	SS40892	13.4	6	14 3/8	6 21/32	1 3/16

Long Belled Crosses



- Aluminum
- Steel
- 304 Stainless
- 316 Stainless

Description, Part Number & Weight

Dimensions

Pipe/Tubing Nom. Size	O.D.	Thickness	Part#	Wt	R	D	A	H
2	2 3/8	.125	40481	1.7	3	8 3/8	2 13/32	1 3/16
		.0598	40201	2.1	3	8 3/8	2 13/32	1 3/16
		.0598	S40201	2.1	3	8 3/8	2 13/32	1 3/16
		.0598	SS40201	2.1	3	8 3/8	2 13/32	1 3/16
2 1/2	2 7/8	.125	40675	2.3	3 3/4	9 7/8	2 29/32	1 3/16
		.0598	40548	2.9	3 3/4	9 7/8	2 29/32	1 3/16
		.0598	S40548	2.9	3 3/4	9 7/8	2 29/32	1 3/16
		.0598	SS40548	2.9	3 3/4	9 7/8	2 29/32	1 3/16
3	3 1/2	.125	40482	2.9	4 1/2	11 3/8	3 17/32	1 3/16
		.0598	40202	3.75	4 1/2	11 3/8	3 17/32	1 3/16
		.0598	S40202	3.75	4 1/2	11 3/8	3 17/32	1 3/16
		.0598	SS40202	3.75	4 1/2	11 3/8	3 17/32	1 3/16
4	4 1/2	.125	40483	4.8	6	14 3/8	4 17/32	1 3/16
		.0598	40203	6.3	6	14 3/8	4 17/32	1 3/16
		.0598	S40203	6.3	6	14 3/8	4 17/32	1 3/16
		.0598	SS40203	6.3	6	14 3/8	4 17/32	1 3/16

SPECIFICATIONS

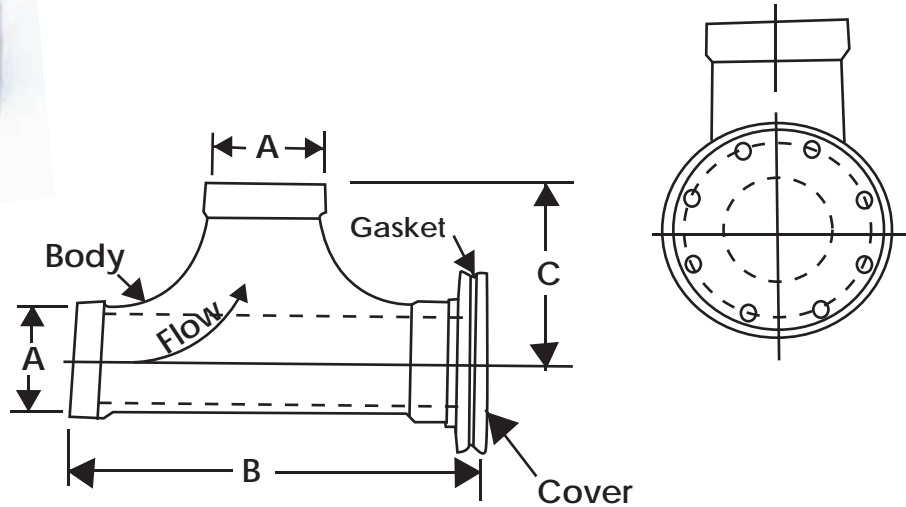
CROSSES

1. Belled ends Provide Better piping alignment, faster installation
2. Necessity of cutting tubing square or to exact length eliminated
3. Piping may be installed by one person
4. Sweeping lines and large I.D. for greater flow.
5. Lightweight and strong; made from metal stampings longitudinally butt-welded (not edge-welded) for greater strength.
6. May be Used with pipe or thin-wall tubing.



Strainers

Tee Type Line Strainers



Body and Cover

Aluminum
Steel
304 Stainless
316 Stainless
Brass

Description, Part Number & Weight

Dimensions

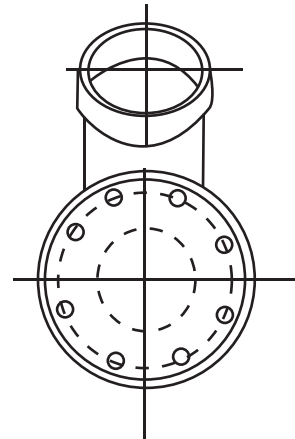
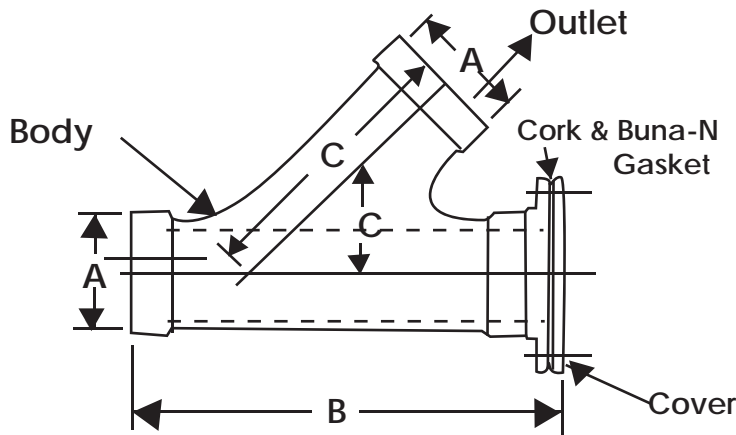
Pipe Size	Material		Part#	Wt	A (I.D)	B	C
	Screen	Machine Screws					
2	Brass	Steel, Cad. Plated	40341A	2.5	2 13/32	9 5/32	4 3/16
	Stainless	Steel, Cad. Plated	40341CS	2.5	2 13/32	9 5/32	4 3/16
	Stainless	Steel, Cad. Plated	40341FS	2.5	2 13/32	9 5/32	4 3/16
	Brass	Steel, Cad. Plated	40273	3.1	2 13/32	9 5/32	4 3/16
	Stainless	Steel, Cad. Plated	S40273	3.1	2 13/32	9 5/32	4 3/16
	Stainless	Steel, Cad. Plated	SS40273	3.1	2 13/32	9 5/32	4 3/16
2 1/2	Brass	Steel, Cad. Plated	40551	4.1	2 29/32	10 21/32	4 15/16
	Stainless	Steel, Cad. Plated	S40551	4.1	2 29/32	10 21/32	4 15/16
	Stainless	Steel, Cad. Plated	SS40551	4.1	2 29/32	10 21/32	4 15/16
3	Brass	Steel, Cad. Plated	40328	4.4	3 17/32	12 9/32	5 11/16
	Brass	Steel, Cad. Plated	40266A	5.5	3 17/32	12 9/32	5 11/16
	Brass	Steel, Cad. Plated	40266B	5.5	3 17/32	12 9/32	5 11/16
	Brass	Steel, Cad. Plated	40266C	5.5	3 17/32	12 9/32	5 11/16
	Stainless	Steel, Cad. Plated	S40266	5.5	3 17/32	12 9/32	5 11/16
	Stainless	Steel, Cad. Plated	SS40266	5.5	3 17/32	12 9/32	5 11/16
4	Brass	Steel, Cad. Plated	40342	6.9	4 17/32	15 13/32	7 3/16
	Brass	Steel, Cad. Plated	40274	9.0	4 17/32	15 13/32	7 3/16
	Stainless	Steel, Cad. Plated	S40274	9.0	4 17/32	15 13/32	7 3/16
	Stainless	Steel, Cad. Plated	SS40274	9.0	4 17/32	15 13/32	7 3/16
6	Brass	Steel, Cad. Plated	41394	12.4	6 21/32	14 7/8	7 3/16
	Brass	Steel, Cad. Plated	41390	18.0	6 21/32	14 7/8	7 3/16
	Stainless	Steel, Cad. Plated	S41390	18.0	6 21/32	14 7/8	7 3/16
	Stainless	Steel, Cad. Plated	SS41390	18.0	6 21/32	14 7/8	7 3/16

Suffix A designates 1/16" mesh

Suffix B designates 1/4" mesh

Suffix C designates 40 mesh

45° and 60° Lateral Line Strainers



Body and Cover

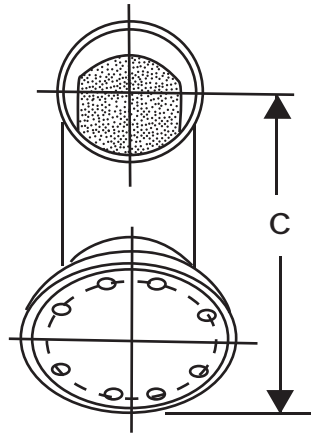
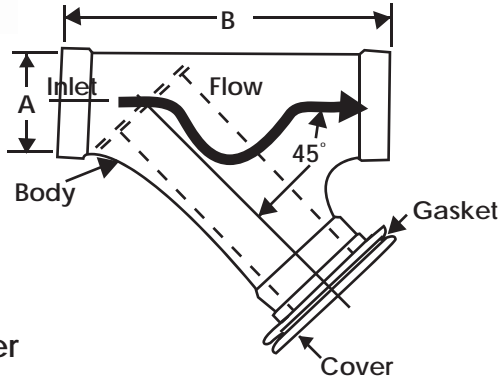
Aluminum
Steel
Stainless
316 Stainless
Brass

Description, Part Number & Weight

Dimensions

Pipe/Tubing		Material Screen	Part# 45°	Part# 60°	Wt	A (I.D)	B	C	
Pipe Size	O.D.							45°	60°
2	2.375	Brass	40381A	40381B	2.7	2 13/32	9 5/32	5 15/16	5 7/16
		Brass	40347A	40347B	3.4	2 13/32	9 5/32	5 15/16	5 7/16
		Stainless	S40381A	S40381B	3.4	2 13/32	9 5/32	5 15/16	5 7/16
2 1/2	2.875	Brass	40522A	40522B	4.7	2 19/32	10 13/16	7 5/32	6 17/32
		Stainless	S40522A	S40522B	4.7	2 19/32	10 13/16	7 5/32	6 17/32
3	3.500	Brass	40382A	40382B	4.7	3 17/32	12 9/32	8 5/16	7 19/32
		Brass	40348A	40348B	6.0	3 17/32	12 9/32	8 5/16	7 19/32
		Stainless	S40348A	S40348B	6.0	3 17/32	12 9/32	8 5/16	7 19/32
		Stainless	SS40348A	SS40348B	6.0	3 17/32	12 9/32	8 5/16	7 19/32
4	4.500	Brass	40383A	40383B	7.6	4 17/32	15 13/32	10 11/16	9 25/32
		Brass	40349A	40349B	9.7	4 17/32	15 13/32	10 11/16	9 25/32
		Stainless	S40349A	S40349B	9.7	4 17/32	15 13/32	10 11/16	9 25/32
6	6.625	Brass	40395A	40395B	13.0	6 21/32	14 7/8	10 11/16	9 3/4
		Brass	40392A	40392B	19.1	6 21/32	14 7/8	10 11/16	9 3/4
		Stainless	S40392A	SS40392B	19.1	6 21/32	14 7/8	10 11/16	9 3/4
		Stainless	SS40392A	SS40392B	19.1	6 21/32	14 7/8	10 11/16	9 3/4

Straight Strainers



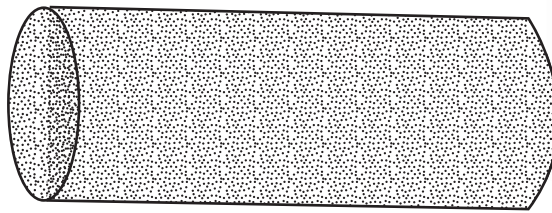
Body and Cover

- Aluminum
- Steel
- 304 Stainless
- 316 Stainless
- Brass

Description, Part Number & Weight Dimensions

Pipe Size	O.D.	Material Screen	Part#	Wt	A (I.D)	B	C
2	2.375	Brass	40785	2.7	2 13/32	8 3/8	6 9/16
		Brass	40546	3.4	2 13/32	8 3/8	6 9/16
		Stainless	S40546	3.4	2 13/32	8 3/8	6 9/16
		Stainless	SS40546	3.4	2 13/32	8 3/8	6 9/16
2 1/2	2.875	Brass	40873	4.7	2 29/32	9 7/8	7 11/16
		Stainless	S40873	4.7	2 29/32	9 7/8	7 11/16
		Stainless	SS40873	4.7	2 29/32	9 7/8	7 11/16
3	3.500	Brass	40783	4.7	3 17/32	11 3/8	8 3/4
		Brass	40719A	5.9	3 17/32	11 3/8	8 3/4
		Stainless	S40719	5.9	3 17/32	11 3/8	8 3/4
		Stainless	SS40719	5.9	3 17/32	11 3/8	8 3/4
4	4.500	Brass	40784	7.6	4 17/32	14 3/8	10 15/16
		Brass	40786	9.7	4 17/32	14 3/8	10 15/16
		Stainless	S40786	9.7	4 17/32	14 3/8	10 15/16
		Stainless	SS40786	9.7	4 17/32	14 3/8	10 15/16
6	6.625	Brass	41397	13.0	6 21/32	14 3/8	10 15/16
		Brass	41396	19.1	6 21/32	14 3/8	10 15/16
		Stainless	S41396	19.1	6 21/32	14 3/8	10 15/16
		Stainless	SS41396	19.1	6 21/32	14 3/8	10 15/16

Strainer Screen Baskets



Baskets Fit All Types of Allegheny Strainers

(All Baskets will fit **Line and Lateral Strainers** as furnished. To fit **Straight Strainers**, Baskets must be cut to length by the customer.)

Size	Material	Mesh	Part Number
2	Brass	1/16 Dia (Holes)	20150D
	Stainless	1/16 Dia	S20150D
	Brass	1/4 Dia	20150G
	Stainless	1/4 Dia	S20150G
	Stainless	20 Mesh	S21155
2 1/2	Stainless	40 Mesh	S21152
	Brass	1/16 Dia	20679D
	Stainless	1/16 Dia	S20679D
	Brass	1/4 Dia	20679G
3	Stainless	1/4 Dia	S20679G
	Brass	40 Mesh	20151C
	Brass	1/16 Dia	20151D
	Stainless	1/16 Dia	S20151D
4	Brass	1/4 Dia	20151G
	Stainless	1/4 Dia	S20151G
	Brass	40 Mesh	20152C
	Brass	1/16 Dia	20152D
	Brass	1/4 Dia	20152G
	Stainless	1/16 Dia	S20152D
6	Stainless	1/4 Dia	S20152G
	Stainless	40 Mesh	S20152C
	Stainless	60 Mesh	S21156
	Stainless	100 Mesh	S21150SP
	Stainless	1/16 Dia	S21154D
	Stainless	1/4 Dia	S21154G

Stainless
Brass

SPECIFICATIONS

STRAINERS

TEE TYPE LINE STRAINERS

1. Suffix A designates 1/16" mesh, B designates 1/4 mesh, C designates 40 Mesh, F designates 20 Mesh, S designates stainless steel.
2. Exceptionally large screen basket area, easily removed for cleanout.

LATERAL LINE STRAINERS

1. Belled inlet and outlet ends simplify fit-up and welding.
2. Exceptionally large screen basket area, easily removed for cleanout.
3. Stamped metal halves are longitudinally butt-welded for great strength.
4. Fabricated construction provides faster flow, greater strength, and lighter weight.

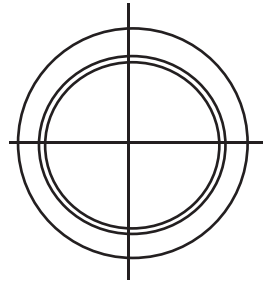
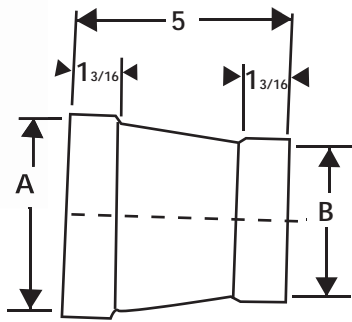
STRAIGHT STRAINERS

1. Suffix A designates 1/16" mesh, B designates 1/4 mesh, C designates 40 Mesh.
2. Belled inlet and Outlet Ends simplify fit-up and welding.
3. Exceptionally large screen basket area, easily removed for cleanout.
4. Stamped metal halves are longitudinally butt-welded for greater strength.
5. Fabricated construction provides faster flow, greater strength, and lighter weight.



Plugs & Belled Reducers

Belled Concentric Reducers

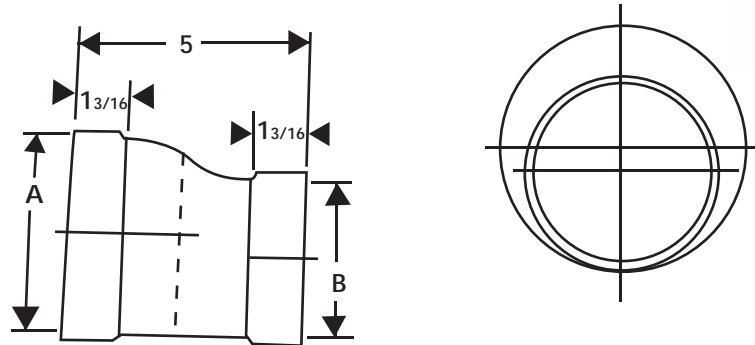


- Aluminum
- Steel
- 304 Stainless
- 316 Stainless

Description, Part Number & Weight Dimensions

Pipe Size	Thickness	Part#	Wt	A	B
2 X 1 1/2	.0598	11280	.63	2 21/32	1 29/32
	.0598	S11280	.63	2 21/32	1 29/32
	.0598	SS11280	.63	2 21/32	1 29/32
2 1/2 X 2	.125	20340	.6	2 29/32	2 13/32
	.0598	20339	.7	2 29/32	2 13/32
	.0598	S20339	.7	2 29/32	2 13/32
	.0598	SS20339	.7	2 29/32	2 13/32
3 X 2	.125	20341	.7	3 17/32	2 13/32
	.0598	20288	.9	3 17/32	2 13/32
	.0598	S20288	.9	3 17/32	2 13/32
	.0598	SS20288	.9	3 17/32	2 13/32
3 X 2 1/2	.125	20342	.8	3 17/32	2 29/32
	.0598	20338	1.0	3 17/32	2 29/32
	.0598	S20338	1.0	3 17/32	2 29/32
	.0598	SS20338	1.0	3 17/32	2 29/32
4 X 3	.125	20343	1.0	4 17/32	3 17/32
	.0598	20286	1.2	4 17/32	3 17/32
	.0598	S20286	1.2	4 17/32	3 17/32
	.0598	SS20286	1.2	4 17/32	3 17/32
6 X 4	.125	20344	1.6	6 43/64	4 17/32
	.0747	20289	2.1	6 43/64	4 17/32
	.0747	S20289	2.1	6 43/64	4 17/32
	.0747	SS20289	2.1	6 43/64	4 17/32

Belled Eccentric Reducers

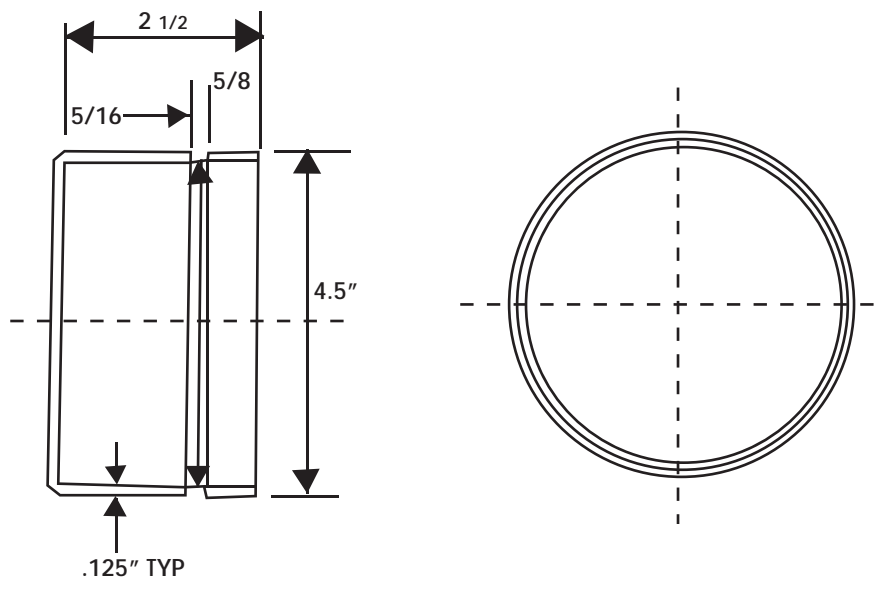


Aluminum
Steel
304 Stainless
316 Stainless

Description, Part Number & Weight Dimensions

Pipe Size	Thickness	Part#	Wt	A	B
2 1/2 X 2	.0598	20509	.7	2 29/32	2 13/32
	.0598	S20509	.7	2 29/32	2 13/32
	.0598	SS20509	.7	2 29/32	2 13/32
3 X 2	.125	20510	.7	3 17/32	2 13/32
	.0598	20374	.9	3 17/32	2 13/32
	.0598	S20374	.9	3 17/32	2 13/32
	.0598	SS20374	.9	3 17/32	2 13/32
3 X 2 1/2	.0598	20413	1.0	3 17/32	2 29/32
	.0598	S20413	1.0	3 17/32	2 29/32
	.0598	SS20413	1.0	3 17/32	2 29/32
4 X 3	.125	20431	.88	4 17/32	3 17/32
	.0598	20350	1.2	4 17/32	3 17/32
	.0598	S20350	1.2	4 17/32	3 17/32
	.0598	SS20350	1.2	4 17/32	3 17/32
6 X 4	.125	41282	1.2	6 43/64	4 17/32
	.0747	20425	2.1	6 43/64	4 17/32
	.0747	S20425	2.1	6 43/64	4 17/32
	.0747	SS20425	2.1	6 43/64	4 17/32

Grooved Line Plug



Description, Part Number & Weight

Aluminum

Nom. Size	O.D.	Part#	Wt
4	4 1/2	41603	.6

SPECIFICATIONS

REDUCERS (CONCENTRIC & ECCENTRIC)

1. Belled ends Provide Better piping alignment, faster installation
2. Smooth interiors (no projections into the flow area).
3. Streamlined for greater flow and greater strength.
4. Lightweight and strong; made from metal stampings longitudinally butt-welded (not edge-welded) for greater strength.

GROOVED LINE PLUG

1. Belled ends Provide Better piping alignment, faster installation
2. Adds flexibility to piping installation. Allows for longitudinal and lateral adjustment.
3. Assembles with a Mark 1 or Mark II Couplings.
4. No welding required.
5. Lightweight



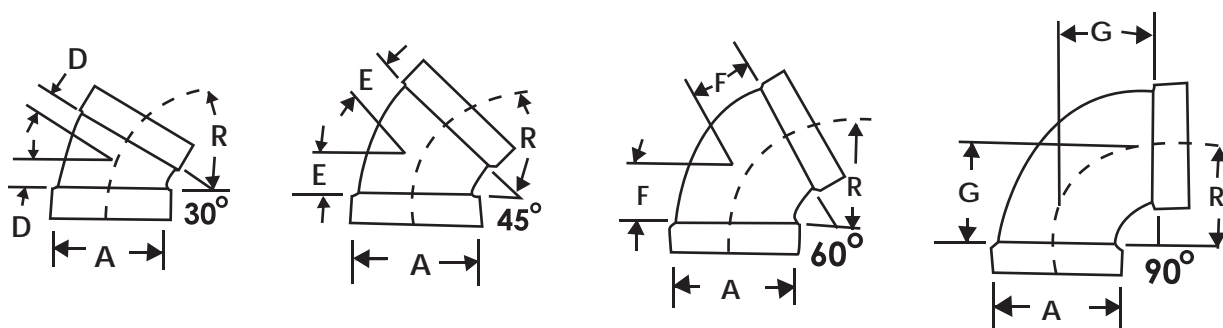
Seamless Products





Seamless Belled Bends

(Seamless) Short Radius Belled Bends



Aluminum

Description, Part Number & Weight

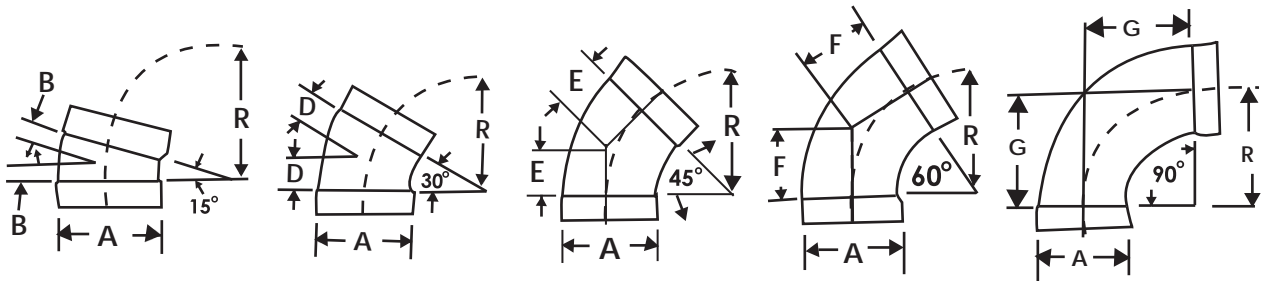
Pipe/Tubing Nom. Size	O.D.	Thickness	30°		45°		60°		90°	
			Part#	Wt	Part#	Wt	Part#	Wt	Part#	Wt
2	2 3/8	.125	T40634D	.275	T40634C	.312	T40634B	.375	T40634A	.500
3	3 1/2	.125	T40633D	.537	T40633C	.600	T40633B	.737	T40633A	.900
4	4 1/2	.125	T40591D	.775	T40591C	.925	T40591B	1.112	T40591A	1.412
6	6 5/8	.125	T40821D	2.175	T40821C	2.625	T40821B	3.162	T40821A	4.125

Also Available in 15°
 2" T40634F
 3" T40633F
 4" T40591F
 6" T40821F

Dimensions

Size	R	A (I.D.)	D	E	F	G
2	2	2 13/32	17/32	13/16	1 5/32	2
3	3	3 17/32	13/16	1 1/4	1 3/4	3
4	4	4 17/32	1 1/32	1 21/32	2 5/16	4
6	6	6 21/32	1 7/16	2 5/16	3 3/16	5

(Seamless) Long Radius Belled Bends



Aluminum

Description, Part Number & Weight

Pipe/Tubing Nom. Size	O.D.	Thickness	15°		30°		45°		60°		90°	
			Part#	Wt	Part#	Wt	Part#	Wt	Part#	Wt	Part#	Wt
2	2 3/8	.125	T40126F	.250	T40126D	.300	T40126C	.337	T40126B	.412	T40126A	.513
2 1/2	2 7/8	.125	T40564F	.362	T40564D	.475	T40564C	.562	T40564B	.650	T40564A	.837
3	3 1/2	.125	T40111F	.487	T40111D	.612	T40111C	.725	T40111B	.825	T40111A	1.137
4	4 1/2	.125	T40127F	.600	T40127D	.912	T40127C	1.000	T40127B	1.225	T40127A	1.837

Dimensions

Size	R	A (I.D.)	B	D	E	F	G
2	3	2 13/32	13/32	13/16	1 1/4	1 3/4	3
2 1/2	3 3/4	2 29/32	1/2	1	1 9/16	2 5/32	3 3/4
3	4 1/2	3 17/32	19/32	1 3/16	1 7/8	2 19/32	4 1/2
4	6	4 17/32	25/32	1 19/32	2 1/2	3 15/32	6

SPECIFICATIONS

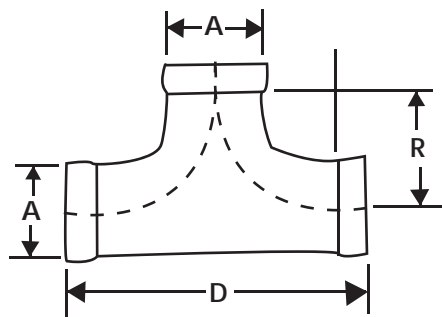
SEAMLESS BELLED BENDS

1. Short Radius is used where space prohibits use of Long Radius Belled Bends.
2. Belled ends permit faster fitting and welding.
3. Lightweight and strong



Seamless Tees

(Seamless) Short Belled Tees



Aluminum
304 Stainless

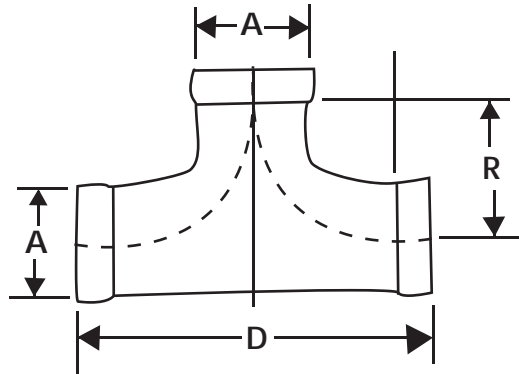
Description, Part Number & Weight

Dimensions

Pipe/Tubing Nom. Size	O.D.	Thickness	Part#	Wt	R	D	A
2	2 3/8	.125	T40727A				
3	3 1/2	.125	T40727B	1.5	3	8 3/8	3 17/32
4	4 1/2	.125	T40727C	2.25	4	10 3/8	4 17/32
		.0598	TS40585C	4.0	4	10 3/8	4 17/32
6	6 5/8	.125	T41389	5.2	6	14 3/8	6 21/32

All sizes can be made in 304, 316 Stainless Steel.

(Seamless) Long Belled Tees



Aluminum

Description, Part Number & Weight

Dimensions

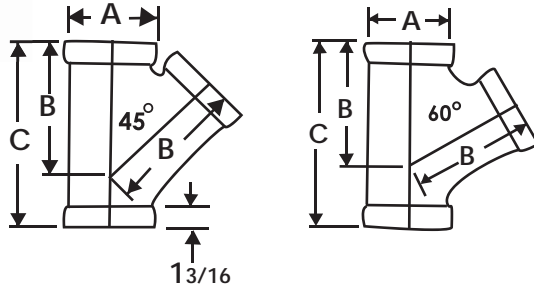
Pipe/Tubing Nom. Size	O.D.	Thickness	Part#	Wt	R	D	A
2	2 3/8	.125	T40279A	1.2	3	8 3/8	2 13/32
3	3 1/2	.125	T40279B	2.2	4 1/2	11 3/8	3 17/32
4	4 1/2	.125	T40279C	3.5	6	14 3/8	4 17/32

All sizes can be made into 304, 316 Stainless Steel.



Seamless Laterals

(Seamless) Short Radius Belled Laterals Style A



Aluminum

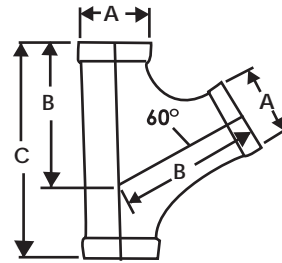
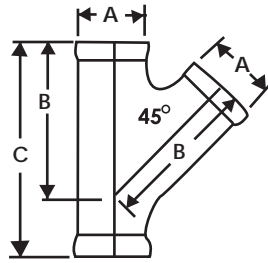
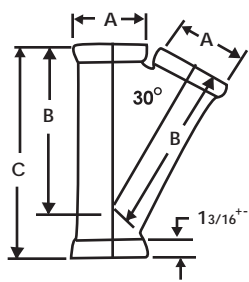
Description, Part Number & Weight

Pipe/Tubing Nom. Size	O.D.	Thickness	45°		60°	
			Part#	Wt	Part#	Wt
3	3 1/2	.125	T40798B	2.2	T40798C	2.2

Dimensions

Size	A	B		C
		45°	60°	
3	3 17/32	5 15/16	5 7/16	8 3/8

(Seamless) Long Radius Belled Laterals



Aluminum
Steel
304 Stainless

Description, Part Number & Weight

Pipe/Tubing Nom. Size	O.D.	Thickness	30°		45°		60°	
			Part#	Wt	Part#	Wt	Part#	Wt
2	2 3/8	.125	T40343A	1.4	T40343B	1.4	T40343C	1.4
		.0598	NA		T40338B	1.8	NA	
3	3 1/2	.125	T40344A	2.5	T40344B	2.5	T40344C	2.5
		.0598	NA		T40339B	3.2	NA	
4	4 1/2	.125	40345A	3.6	T40345B	3.6	40345C	3.6
		.0747	NA		T40335B	5.4	NA	

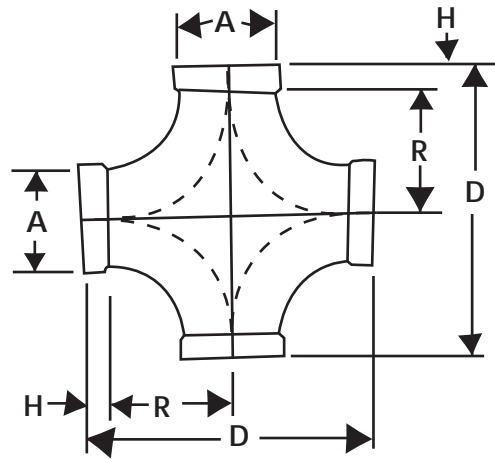
Dimensions

Size	A	B			C
		30°	45°	60°	
2	2 13/32	6 3/8	5 15/16	5 7/16	8 3/8
3	3 17/32	8 31/32	8 5/16	7 19/32	11 3/8
4	4 17/32	11 5/8	10 11/16	9 25/32	14 1/8



Seamless Crosses

(Seamless) Short Radius Belled Crosses



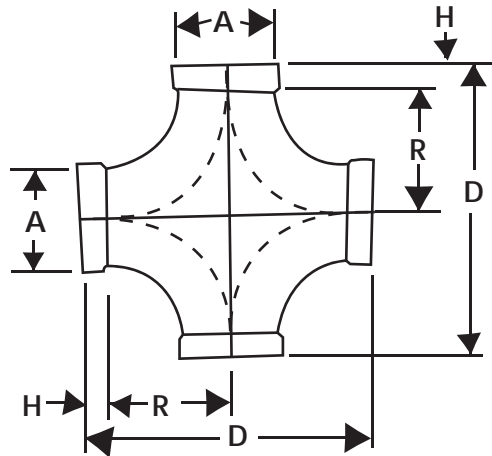
Aluminum

Description, Part Number & Weight

Dimensions

Pipe/Tubing Nom. Size	O.D.	Thickness	Part#	Wt	R	D	A	H
2	2 3/8	.125	T40804		2		2 13/32	1 3/16
3	3 1/2	.125	T40805	2.7	3	8 3/8	3 17/32	1 3/16
4	4 1/2	.125	T40741	4.2	4	10 3/8	4 17/32	1 3/16

(Seamless) Long Radius Belled Crosses



Aluminum

Description, Part Number & Weight

Dimensions

Pipe/Tubing		Thickness	Part#	Wt	R	D	A	H
Nom. Size	O.D.							
2	2 3/8	.125	T40481	1.7	3	8 3/8	2 13/32	1 3/16
3	3 1/2	.125	T40482	2.9	4 1/2	11 3/8	3 17/32	1 3/16
4	4 1/2	.125	T40483	4.8	6	14 3/8	4 17/32	1 3/16

SPECIFICATIONS

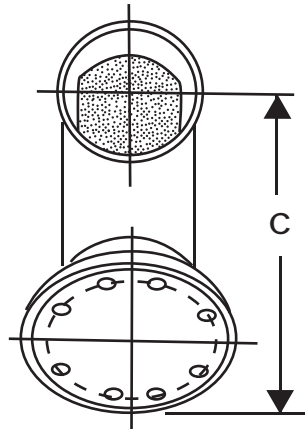
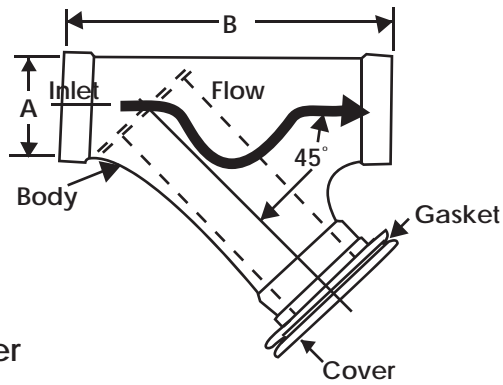
SEAMLESS CROSSES

1. Belled ends Provide Better piping alignment, faster installation
2. Necessity of cutting tubing square or to exact length eliminated
3. Piping may be installed by one person
4. Sweeping lines and large I.D. for greater flow.
5. Lightweight and strong
6. May be Used with pipe or thin-wall tubing.



Seamless Strainers

(Seamless) Straight Strainers



Body and Cover

Aluminum
Steel
304 Stainless
Brass

Description, Part Number & Weight Dimensions

Pipe Size	O.D.	Material Screen	Part#	Wt	A (I.D)	B	C
2	2.375	Brass	T40546	3.4	2 13/32	8 3/8	6 9/16
2 1/2	2.875	Brass	T40873A	4.7	2 29/32	9 7/8	7 11/16
3	3.500	Brass	T40783	4.7	3 17/32	11 3/8	8 3/4
		Brass	T40783C	4.7	3 17/32	11 3/8	8 3/4
		Brass	T40719A	5.9	3 17/32	11 3/8	8 3/4
4	4.500	Brass	T40784	7.6	4 17/32	14 3/8	10 15/16
		Brass	T40784P	7.6	4 17/32	14 3/8	10 15/16
		Stainless	TS40786	9.7	4 17/32	14 3/8	10 15/16

Suffix **A** designates 1/16" Mesh Screen

Suffix **C** designates 40 Mesh Screen

Suffix **P** designates 1/16" Perforated High Flow Ring.

SPECIFICATIONS

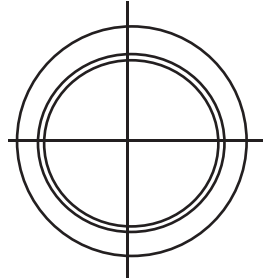
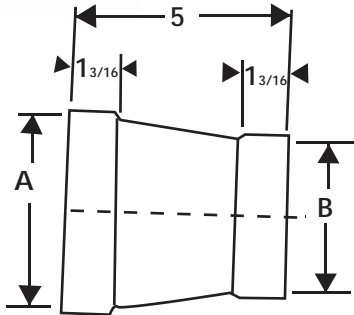
SEAMLESS STRAIGHT STRAINERS

1. Belled inlet and outlet ends simplify fit-up and welding.
2. Exceptionally large screen basket area, easily removed for cleanout.
3. Fabricated construction provides faster flow, greater strength, and lighter weight.



**Seamless Belled
Reducers, Connectors,
Saddles & Side Steps**

(Seamless) Belled Concentric Reducers

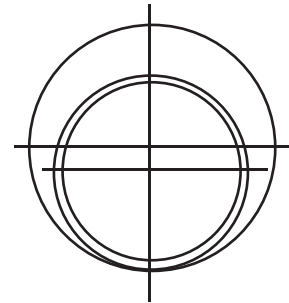
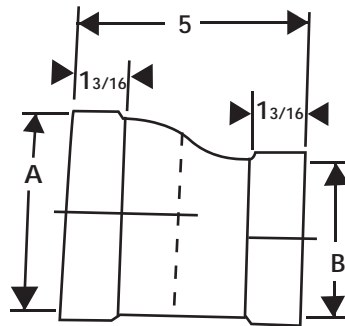


Aluminum

Description, Part Number & Weight Dimensions

Pipe Size	Thickness	Part#	Wt	A	B
3 X 2	.125	T20341	.550	$3 \frac{17}{32}$	$2 \frac{13}{32}$
3 X 2 1/2	.125	T20342	.612	$3 \frac{17}{32}$	$2 \frac{29}{32}$
4 X 3	.125	T20343	.787	$4 \frac{17}{32}$	$3 \frac{17}{32}$
6 X 4	.125	T20344	1.637	$6 \frac{43}{64}$	$4 \frac{17}{32}$

(Seamless) Belled Eccentric Reducers

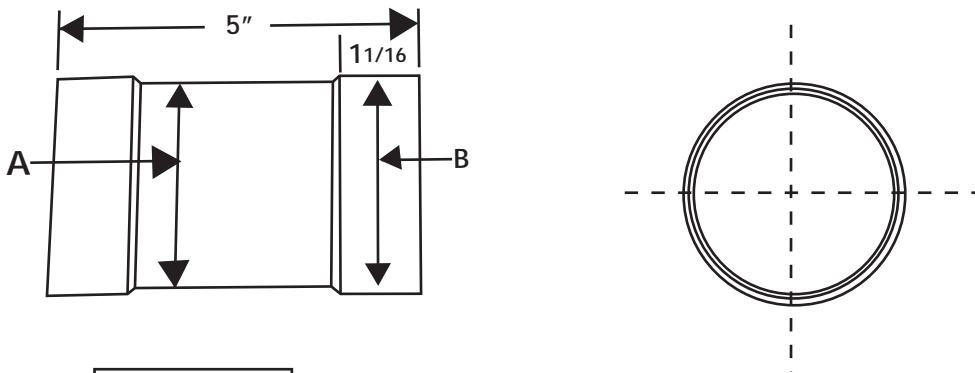


Aluminum

Description, Part Number & Weight Dimensions

Pipe Size	Thickness	Part#	Wt	A	B
3 X 2	.125	T20510	.600	3 17/32	2 13/32
4 X 3	.125	T20431	.787	4 17/32	3 17/32

(Seamless) Belled Connector

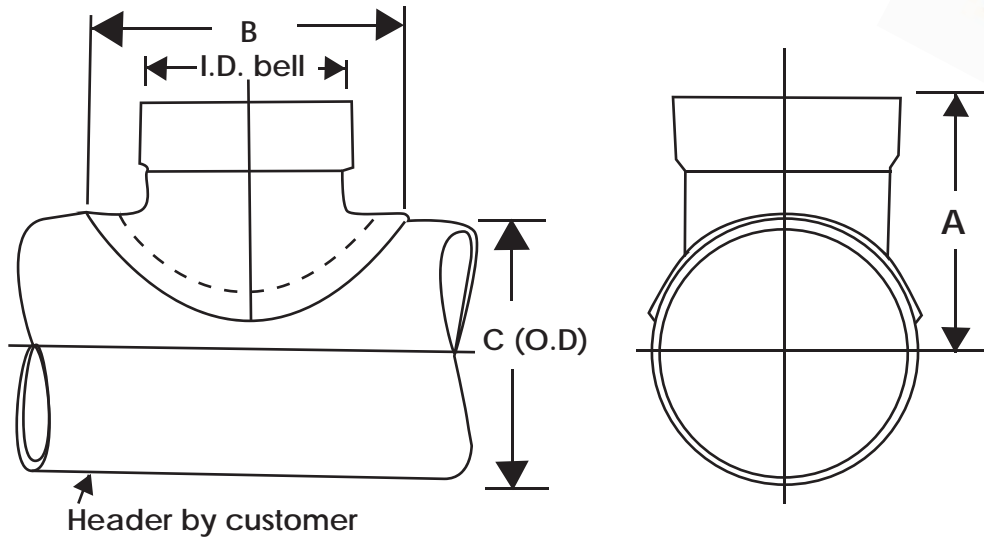


Aluminum
Steel

Description, Part Number & Weight Dimensions

Nom Size	O.D.	Thickness	Part#	Wt	A (O.D)	B (I.D) Belled End
2	2.375	.125	TA10430A	.4	2.375	2 13/32
		.060	T10430A	.6	2.375	2 13/32
2 1/2	2.875	.060	T10430B	.8	2.875	2 29/32
3	3.500	.125	TA10430C	.6	3.500	3 17/32
		.060	T10430C	1.0	3.500	3 17/32
4	4.500	.125	TA10430D	1.0	4.500	4 17/32
		.060	T10430D	1.5	4.500	4 17/32

Belled Saddles



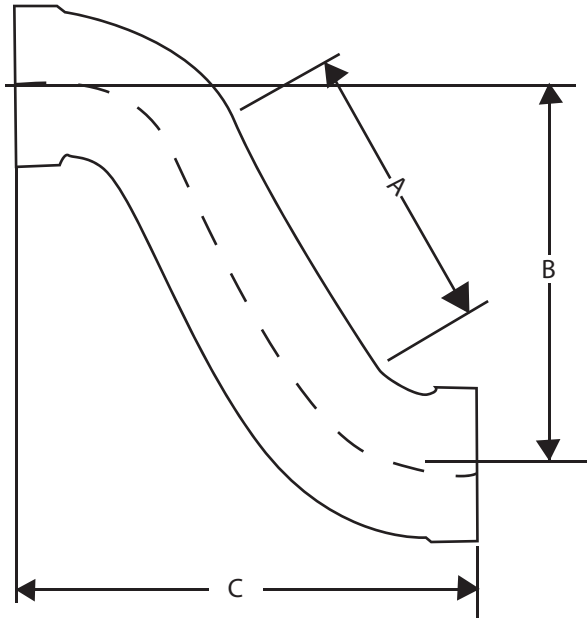
- Aluminum
- Steel
- 304 Stainless
- 316 Stainless

Description, Part Number & Weight

Dimensions

Pipe Size	Thickness	Part#	Wt	A	B	C (O.D. Header)	I.D. Bell
4x3	.125	21120	.6	4 3/8	5 19/32	4 1/2	3 17/32
	.0598	20668	.75	4 3/8	5 19/32	4 1/2	3 17/32
	.0598	S20668	.75	4 3/8	5 19/32	4 1/2	3 17/32
	.0598	SS20668	.75	4 3/8	5 19/32	4 1/2	3 17/32

(Seamless) Side Steps



Aluminum

Description, Part Number & Weight Dimensions

Size	Part#	Wt	A	B	C
3" 90°X 7 drop	T40633AS-7	1.7	1.00	7 drop	8.38
3" 60°X 5 drop	T40633BS-5	1.14	2.31	5 drop	8.73
3" 60°X 9 drop	T40633BS-9	1.74	6.93	9 drop	11.04

SPECIFICATIONS

SEAMLESS BELLED REDUCER

CONCENTRIC REDUCER

1. Belled ends provide better piping alignment, faster installation.
2. Smooth interiors. (no projections into the flow area)
3. Streamlined for greater flow and greater strength.
4. Lightweight and strong; made from seamless tubing.

ECCENTRIC REDUCER

1. Belled ends provide better piping alignment, faster installation.
2. Smooth interiors. (no projections into the flow area)
3. Streamlined for greater flow and greater strength.
4. Lightweight and strong; made from seamless tubing for greater strength.

SEAMLESS BELLED CONNECTOR

1. Belled ends provide better piping alignment, faster installation.
2. Adds flexibility to piping installation. Allows for longitudinal and lateral adjustment.
3. Smooth Seamless interiors.
4. Lightweight and strong; made from Seamless Tubing for greater strength.
5. May be used with pipe or thin-wall tubing.



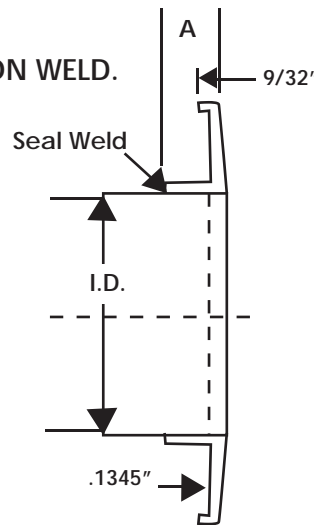
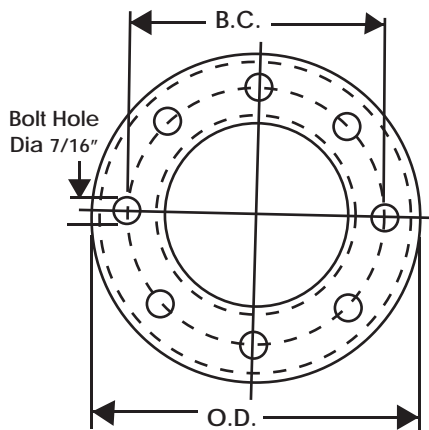
Flanges

New Aluminum Flued Flanges



1. **LESS WEIGHT:** 4" flanges 17% lighter
3" flanges 16% lighter
2. **SIGNIFICANT SAVINGS:** \$1 Per flange below TTMA.
3. **GREATER SEALING AREA:** 34% Higher pressure before leaking
4" TTMA w/ cork and buna gasket hydro : 410 psi
4" Aluminum "flued" flanges with cork & buna gasket : 550 psi
4. **HALF THE WELD TIME:**
No tack, positive aligning
No pre-heat, heat zone remote from flange face
No double pass welding
No weld interference with nut or bolt heads
Preformed weld pocket for internal welds

5. GREATER LOAD BEARING, LOWER STRESS RISERS ON WELD.



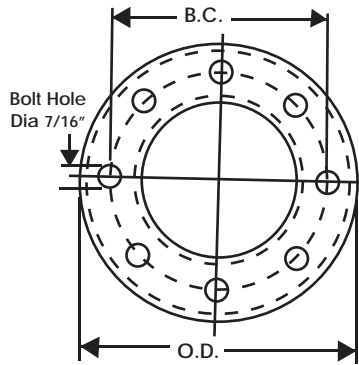
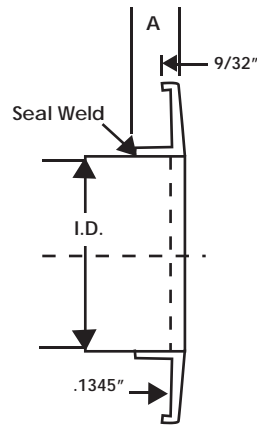
Description, Part Number & Weight

Dimensions

Pipe Size	Part #	Wt	I.D.	O.D.	B.C	A	# of Holes
2	20189A-FF		2 13/32	5	3 3/4	1/2	6
3	20189C-FF	.4	3 17/32	6 1/8	4 7/8	5/8	8
4	20189D-FF	.4875	4 17/32	7 1/8	5 7/8	3/4	8
6	20189E-FF		6 11/16	9 3/8	8 1/8	3/4	12

.160 Thickness

Flued Flanges



.135 Thickness

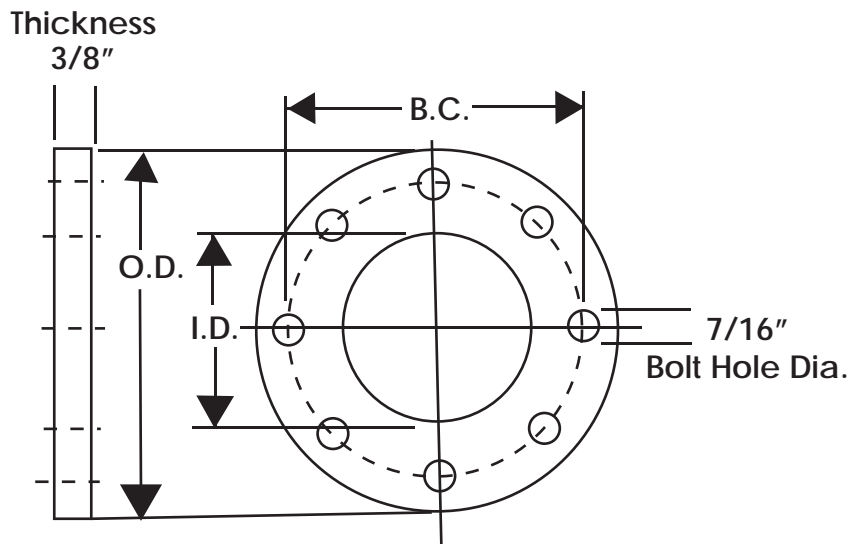
Steel
304 Stainless
316 Stainless

Description, Part Number & Weight

Dimensions

Pipe Size	Part #	Wt	I.D.	O.D.	B.C	A	# of Holes
1	11283A	.46	1 11/32	3 29/32	2 21/32	1/2	4
1 1/2	20706A	.6	1 15/16	4 1/2	3 1/4	1/2	4
	S20706A	.6	1 15/16	4 1/2	3 1/4	1/2	4
	SS20706A	.6	1 15/16	4 1/2	3 1/4	1/2	4
2	20079A	.7	2 13/32	5	3 3/4	1/2	6
	S20079A	.7	2 13/32	5	3 3/4	1/2	6
	SS20079A	.7	2 13/32	5	3 3/4	1/2	6
2 1/2	20174A	.81	2 29/32	5 1/2	4 1/4	9/16	6
	S20174A	.81	2 29/32	5 1/2	4 1/4	9/16	6
	SS20174A	.81	2 29/32	5 1/2	4 1/4	9/16	6
3	20056A	1	3 17/32	6 1/8	4 7/8	5/8	8
	S20056A	1	3 17/32	6 1/8	4 7/8	5/8	8
	SS20056A	1	3 17/32	6 1/8	4 7/8	5/8	8
4	20080A	1.25	4 17/32	7 1/8	5 7/8	3/4	8
	S20080A	1.25	4 17/32	7 1/8	5 7/8	3/4	8
	SS20080A	1.25	4 17/32	7 1/8	5 7/8	3/4	8
5	20290A	1.4	5 5/8	8 1/4	7	3/4	12
	S20290A	1.4	5 5/8	8 1/4	7	3/4	12
	SS20290A	1.4	5 5/8	8 1/4	7	3/4	12
6	20167A	1.7	6 11/16	9 3/8	8 1/8	3/4	12
	S20167A	1.7	6 11/16	9 3/8	8 1/8	3/4	12
	SS20167A	1.7	6 11/16	9 3/8	8 1/8	3/4	12

TTMA Aluminum Flanges



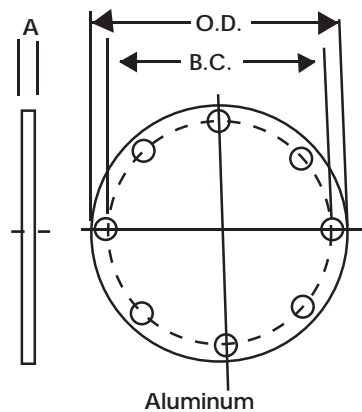
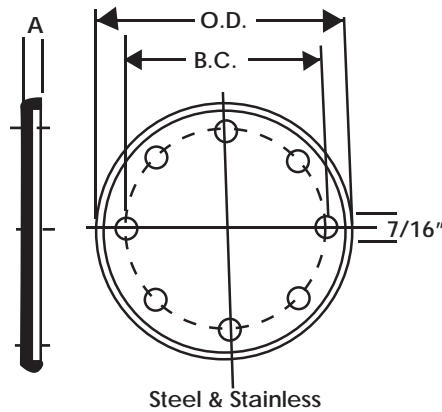
Aluminum

Description, Part Number & Weight

Dimensions

Pipe Size	Part #	Wt	I.D.	O.D.	B.C.	# of Holes
2	20189A	.38	2 7/16	4 1/2	3 3/4	6
3	20189C	.6	3 9/16	5 5/8	4 7/8	8
4	20189D	.8	4 9/16	6 5/8	5 7/8	8
6	20189E	1.1	6 11/16	9	8 1/8	12

Blind Flanges



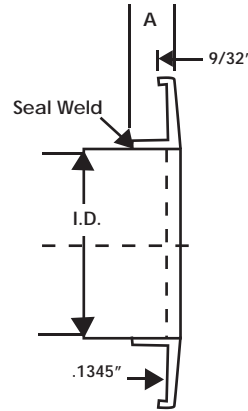
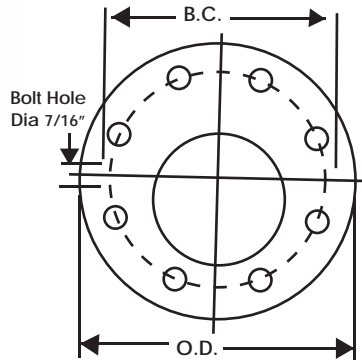
Aluminum
Steel
304 Stainless
316 Stainless

Description, Part Number & Weight

Dimensions

Pipe Size	Part #	Wt	O.D.	A	B.C.	# of Holes
2	20661A	.5	4 1/2	3/8	3 3/4	6
	20518	.9	5	9/32	3 3/4	6
	S20518	.9	5	9/32	3 3/4	6
	SS20518	.9	5	9/32	3 3/4	6
2 1/2	20519	1.0	5 1/2	9/32	4 1/4	6
	S20519	1.0	5 1/2	9/32	4 1/4	6
	SS20519	1.0	5 1/2	9/32	4 1/4	6
3	20661C	.8	5 5/8	3/8	4 7/8	8
	20520	1.3	6 1/8	9/32	4 7/8	8
	S20520	1.3	6 1/8	9/32	4 7/8	8
	SS20520	1.3	6 1/8	9/32	4 7/8	8
4	20661D	1.25	6 5/8	3/8	5 7/8	8
	20521	1.5	7 1/8	9/32	5 7/8	8
	S20521	1.5	7 1/8	9/32	5 7/8	8
	SS20521	1.5	7 1/8	9/32	5 7/8	8
5	20522	1.7	8 1/4	9/32	7	12
	S20522	1.7	8 1/4	9/32	7	12
	SS20522	1.7	8 1/4	9/32	7	12
6	20661E	2.4	9	3/8	8 1/8	12
	20553	2.7	9 3/8	3/4	8 1/8	12
	S20553	2.7	9 3/8	3/4	8 1/8	12
	SS20553	2.7	9 3/8	3/4	8 1/8	12

Eccentric Reducing Flued Flanges



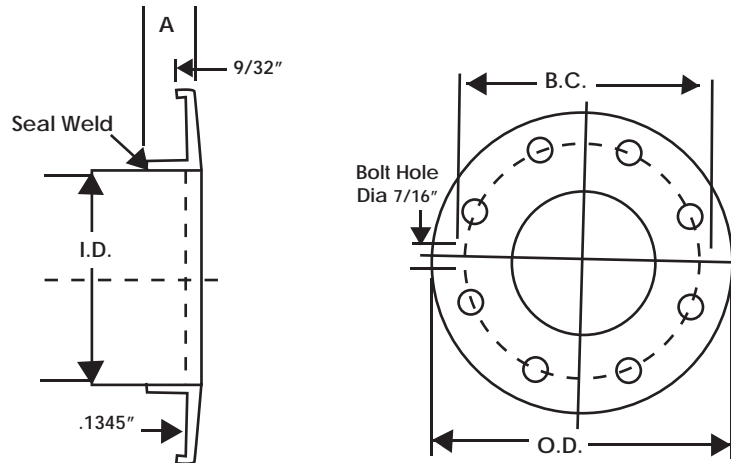
- Aluminum
- Steel
- 304 Stainless
- 316 Stainless

Description, Part Number & Weight

Dimensions

Pipe Size	Part #	Wt	I.D.	O.D.	A	B.C.	# of Holes
2 1/2 X 2	40983A	.73	2 13/32	5 1/2	9/16	4 1/4	6
	S40983A	.73	2 13/32	5 1/2	9/16	4 1/4	6
	SS40983A	.73	2 13/32	5 1/2	9/16	4 1/4	6
3 X 2	41001B	.7	2 7/16	5 5/8	9/16	4 7/8	8
	40983B	.85	2 13/32	6 1/8	5/8	4 7/8	8
	S40983B	.85	2 13/32	6 1/8	5/8	4 7/8	8
	SS40983B	.85	2 13/32	6 1/8	5/8	4 7/8	8
3 X 2 1/2	41001C	.8	2 15/16	5 5/8		4 7/8	8
	40983C	1.15	2 29/32	6 1/8	5/8	4 7/8	8
	S40983C	1.15	2 29/32	6 1/8	5/8	4 7/8	8
	SS40983C	1.15	2 29/32	6 1/8	5/8	4 7/8	8
4 X 3	41001D	.9	3 9/16	6 5/8	1/2	5 7/8	8
	40983D	1.3	3 17/32	7 1/8	3/4	5 7/8	8
	S40983D	1.3	3 17/32	7 1/8	3/4	5 7/8	8
	SS40983D	1.3	3 17/32	7 1/8	3/4	5 7/8	8
5 X 3	40983E	1.5	3 17/32	8 1/4	3/4	7	12
	S40983E	1.5	3 17/32	8 1/4	3/4	7	12
	SS40983E	1.5	3 17/32	8 1/4	3/4	7	12
6 X 4	41001F	1.3	4 9/16	9	1 1/8	8 1/8	12
	40983F	1.75	4 17/32	9 3/8	3/4	8 1/8	12
	S40983F	1.75	4 17/32	9 3/8	3/4	8 1/8	12
	SS40983F	1.75	4 17/32	9 3/8	3/4	8 1/8	12

Concentric Reducing Flued Flanges



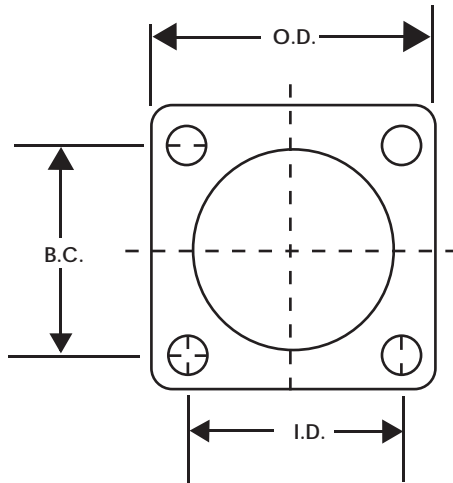
Steel
 304 Stainless
 316 Stainless

Description, Part Number & Weight

Dimensions

Pipe Size	Part #	Wt	I.D.	O.D.	A	B.C.	# of Holes
2 1/2 X 2	40984A	.73	2 13/32	5 1/2	9/16	4 1/4	6
	S40984A	.73	2 13/32	5 1/2	9/16	4 1/4	6
	SS40984A	.73	2 13/32	5 1/2	9/16	4 1/4	6
3 X 2	40984B	.85	2 13/32	6 1/8	5/8	4 7/8	8
	S40984B	.85	2 13/32	6 1/8	5/8	4 7/8	8
	SS40984B	.85	2 13/32	6 1/8	5/8	4 7/8	8
3 X 2 1/2	40984C	1.15	2 29/32	6 1/8	5/8	4 7/8	8
	S40984C	1.15	2 29/32	6 1/8	5/8	4 7/8	8
	SS40984C	1.15	2 29/32	6 1/8	5/8	4 7/8	8
4 X 3	40984D	1.3	3 17/32	7 1/8	3/4	5 7/8	8
	S40984D	1.3	3 17/32	7 1/8	3/4	5 7/8	8
	SS40984D	1.3	3 17/32	7 1/8	3/4	5 7/8	8
5 X 3	40984E	1.5	3 17/32	8 1/4	3/4	7	12
	S40984E	1.5	3 17/32	8 1/4	3/4	7	12
	SS40984E	1.5	3 17/32	8 1/4	3/4	7	12
6 X 4	40984F	1.75	4 17/32	9 3/8	3/4	8 1/8	12
	S40984F	1.75	4 17/32	9 3/8	3/4	8 1/8	12
	SS40984F	1.75	4 17/32	9 3/8	3/4	8 1/8	12

Square (Dry Bulk) Flanges



Aluminum

Steel

Description, Part Number, Weight & Dimensions

Nom. Size	Part #	Wt	I.D.	O.D.	B.C.	No. Of Holes
3	20100C	.4	3.5	4.81	3.5	4
3	20057A	.6	3.5	4.81	3.5	4

ALLEGHENY

Customized Assemblages

- Pre-welded Assemblages
- Ready for installation at key points on your manufacturing floor
- Time and Money Saving
- Greater Productivity

Call us today! We will be happy to meet your needs.

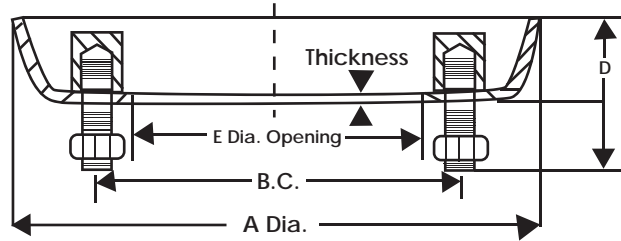
"We Listen, We Act!"





Drain Pockets

Drain Pocket with Removable Studs (Style A)



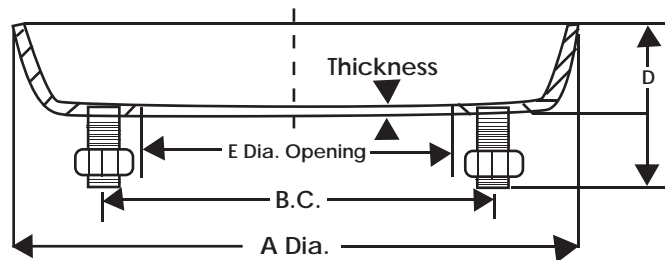
Aluminum
Steel
304 Stainless
316 Stainless

Description, Part Number & Weight

Dimensions

Pipe Size	Part #	Wt	Thickness	A Dia.	B.C	D	E Dia.	# of Holes
3	A40043A	2.8	1/4	9.13	6 1/4	1.56	5	6
	40043A	5.2	3/16	9.13	6 1/4	1.56	5	6
	S40043A	5.2	3/16	9.13	6 1/4	1.56	5	6
	SS40043A	5.2	3/16	9.13	6 1/4	1.56	5	6
4	A40043B	3.4	1/4	10.38	7 1/4	1.56	6	8
	40043B	6.5	3/16	10.38	7 1/4	1.56	6	8
	S40043B	6.5	3/16	10.38	7 1/4	1.56	6	8
	SS40043B	6.5	3/16	10.38	7 1/4	1.56	6	8

Drain Pocket Welded Studs (Style B)



Steel
 304 Stainless
 316 Stainless

Description, Part Number & Weight

Dimensions

Pipe Size	Part #	Wt	Thickness	A Dia.	B.C.	D	E Dia.	# of Holes
3	40122A	4.3	3/16	9.13	6 1/4	1.56	5	6
	S40122A	4.3	3/16	9.13	6 1/4	1.56	5	6
	SS40122A	4.3	3/16	9.13	6 1/4	1.56	5	6
4	40122B	5.3	3/16	10.38	7 1/4	1.56	6	8
	S40122B	5.3	3/16	10.38	7 1/4	1.56	6	8
	SS40122B	5.3	3/16	10.38	7 1/4	1.56	6	8

SPECIFICATIONS

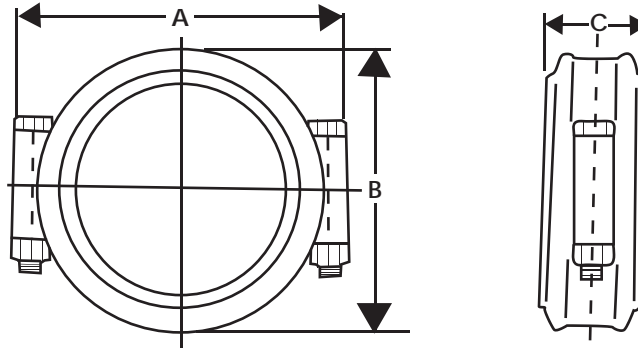
DRAIN POCKETS

1. Full tooling assures accuracy of dimensions and flatness of surfaces.
2. Stainless steel Drain Pockets are furnished with Stainless steel studs and hex nuts.
3. Location of studs is in accordance with TTMA Recommended Practice.
4. Aluminum drain pockets made from 5454 Alloy
5. All drain pockets pressure tested at 50 psig.



Couplings & Nipples

Mark 1 Coupling



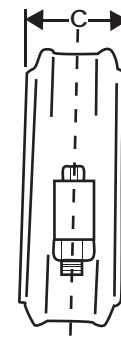
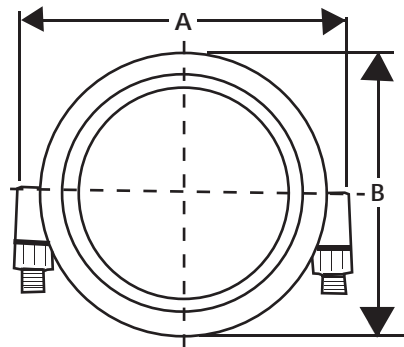
Aluminum
Steel
Steel, Zinc Plated
Steel, Yellow Chromate

Description, Part Number & Weight

Dimensions

Nom. Size	O.D.	Black Buna-N-Gasket	Green Gasket	Wt	A	B	C
2	2.375	20358	20358V	.55	4 1/4	3 3/8	1 19/32
		20352	20352V	1.0	4 1/4	3 3/8	1 19/32
		20352P	20352PV	1.0	4 1/4	3 3/8	1 19/32
		20352CP	20352CPV	1.0	4 1/4	3 3/8	1 19/32
2 1/2	2.875	20359	20359V	.6	4 17/32	3 3/4	1 19/32
		20355	20355V	1.1	4 17/32	3 3/4	1 19/32
		20355 P	20355PV	1.1	4 17/32	3 3/4	1 19/32
		20355CP	20355CPV	1.1	4 17/32	3 3/4	1 19/32
3	3.500	20360	20360V	.7	5 5/16	4 1/2	1 19/32
		20330	20330V	1.25	5 5/16	4 1/2	1 19/32
		20330P	20330PV	1.25	5 5/16	4 1/2	1 19/32
		20330CP	20330CPV	1.25	5 5/16	4 1/2	1 19/32
4	4.500	20361	20361V	1.2	6 7/16	5 5/8	1 23/32
		20334	20334V	1.8	6 7/16	5 5/8	1 23/32
		20334P	20334PV	1.8	6 7/16	5 5/8	1 23/32
		20334CP	20334CPV	1.8	6 7/16	5 5/8	1 23/32
6	6.625	21132	21132V	1.6	8 1/2	7 3/4	1 7/8
		21116	21116V	2.75	8 1/2	7 3/4	1 7/8
		21116P	21116PV	2.75	8 1/2	7 3/4	1 7/8
		21116CP	21116CPV	2.75	8 1/2	7 3/4	1 7/8

Mark 2 Coupling



- Steel
- Steel, Zinc Plated
- Steel, Yellow Chromate

Description, Part Number & Weight

Dimensions

Nom. Size	O.D.	Black Buna-N-Gasket	Green Gasket	Wt	A	B	C
2	2.375	20865	20865V	1.0	4 3/32	3 1/4	1 19/32
		20865P	20865PV	1.0	4 3/32	3 1/4	1 19/32
		20865CP	20865CPV	1.0	4 3/32	3 1/4	1 19/32
2 1/2	2.875	20864	20864V	1.1	4 17/32	3 3/4	1 19/32
		20864P	20864PV	1.1	4 17/32	3 3/4	1 19/32
		20864CP	20864CPV	1.1	4 17/32	3 3/4	1 19/32
3	3.500	20863	20863V	1.25	5 5/16	4 1/2	1 19/32
		20863P	20863PV	1.25	5 5/16	4 1/2	1 19/32
		20863CP	20863CPV	1.25	5 5/16	4 1/2	1 19/32
4	4.500	20838	20838V	1.8	6 7/16	5 5/8	1 23/32
		20838P	20838PV	1.8	6 7/16	5 5/8	1 23/32
		20838CP	20838CPV	1.8	6 7/16	5 5/8	1 23/32
6	6.625	21134	21134V	2.75	8 1/2	7 3/4	1 7/8
		21134P	21134PV	2.75	8 1/2	7 3/4	1 7/8
		21134CP	21134CPV	2.75	8 1/2	7 3/4	1 7/8

Dry Bulk Couplings

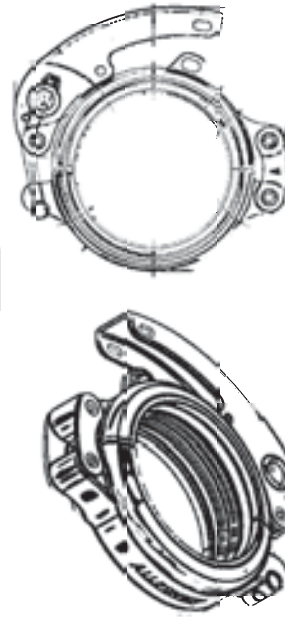
Groove to Groove

Aluminum

Description, Part Number & Weight

Size	Part #	Gasket	Weight
3	20373	Nitrile	1.4
	20373S	* Nitrile	1.4
4	20371	Nitrile	1.9
	20371S	* Nitrile	1.9

*Safety Strap with Food Grade Gasket



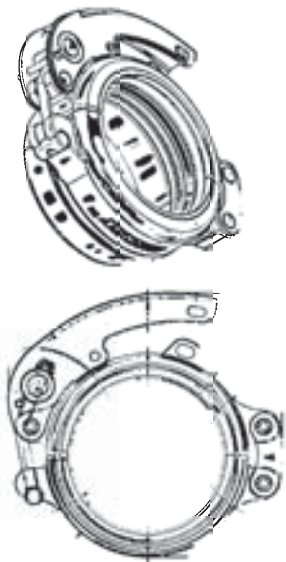
Groove to Plain

Aluminum

Description, Part Number & Weight

Size	Part #	Gasket	Weight
4	20372	Nitrile	2.5
	20372S	* Nitrile	2.5

*Safety Strap with Food Grade Gasket



Plain to Plain

Aluminum

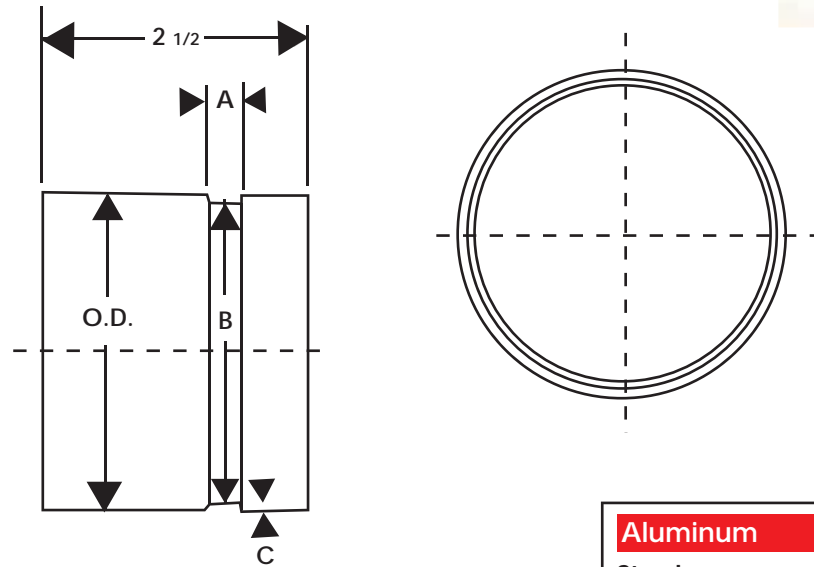
Description, Part Number & Weight

Size	Part #	Gasket	Weight
4	20370	Nitrile	2.88
	20370S	* Nitrile	2.88

*Safety Strap with Food Grade Gasket



Grooved Nipples



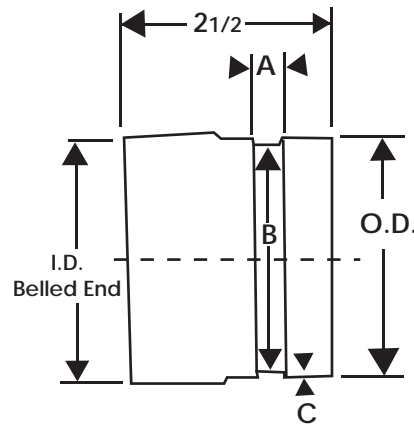
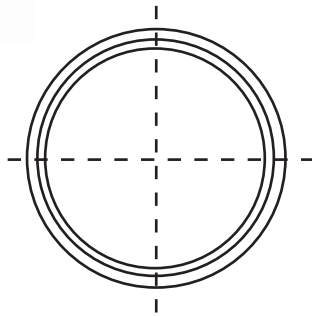
- Aluminum
- Steel
- 304 Stainless Steel

Description, Part Number & Weight

Dimensions

Nom. Size	O.D.	Part #	Wt	A	B	C
2	2.375	41313A	.2	5/16	2.250	.109
		40306A	.4	5/16	2.250	.0598
		S40306A	.4	5/16	2.250	.0598
2 1/2	2.875	41313B	.25	5/16	2.720	.120
		40306B	.45	5/16	2.720	.0598
3	3.500	41313C	.31	5/16	3.344	.120
		40306C	.5	5/16	3.344	.0598
		S40306C	.5	5/16	3.344	.0598
4	4.500	41313D	.4	5/16	4.344	.120
		40306D	.7	5/16	4.344	.0598
		S40306D	.7	5/16	4.344	.0598
6	6.625	41313F	.7	5/16	6.455	.134
		40306F	1.1	5/16	6.455	.075
		S40306F	1.1	5/16	6.455	.075

Belled Grooved Nipples



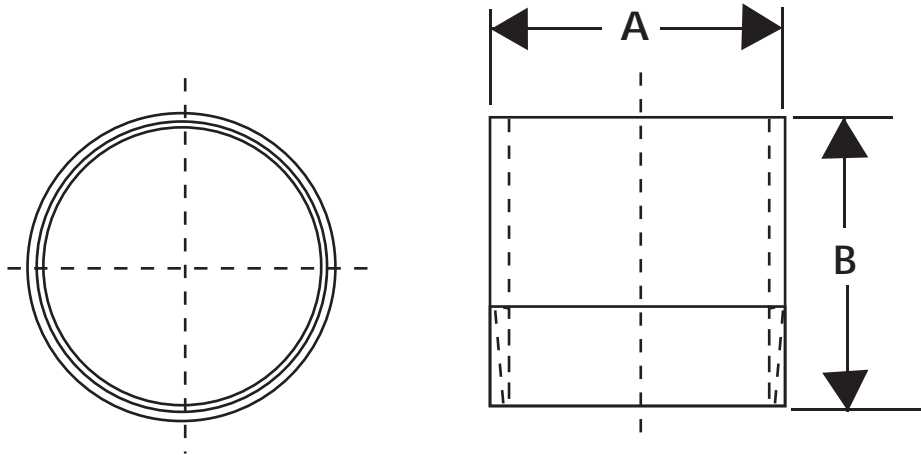
- Aluminum
- Steel
- 304 Stainless Steel

Description, Part Number & Weight

Dimensions

Nom. Size	O.D.	Part #	Wt	A	B	C	I.D.
2	2.375	41318A	.2	5/16	2.250	.109	2 13/32
		40305A	.4	5/16	2.250	.0598	2 13/32
		S40305A	.4	5/16	2.250	.0598	2 13/32
2 1/2	2.875	41318B	.25	5/16	2.720	.120	2 29/32
		40305B	.45	5/16	2.720	.0598	2 29/32
3	3.500	41318C	.3	5/16	3.344	.120	3 17/32
		40305C	.5	5/16	3.344	.0598	3 17/32
		S40305C	.5	5/16	3.344	.0598	3 17/32
4	4.500	41318D	.4	5/16	4.344	.120	4 17/32
		40305D	.7	5/16	4.344	.0598	4 17/32
		S40305D	.7	5/16	4.344	.0598	4 17/32

Threaded Nipples



Aluminum
Steel

Description, Part Number & Weight Dimensions

Nom. Size	O.D.	Part #	Wt	Thickness	A	B
2	2.375	40106A	.32	Sched.40	2 13/32	3.53
		40105A	.88	Sched.40	2 13/32	3.53
3	3.500	40106C	.67	Sched.40	3 17/32	3.53
		40105C	1.83	Sched.40	3 17/32	3.53
4	4.500	40106C	.89	Sched.40	4 17/32	3.53
		40105C	2.61	Sched.40	4 17/32	3.53

Made from Schedule 40 Pipe

SPECIFICATIONS

MARK 1 COUPLING

BLACK BUNA-N GASKET

1. Fabricated Design provides more than adequate strength.
2. Coupling meets A.P.I RP 1004 Pressure Requirements and Canadian Standards Association B 242 except 6" Aluminum which has a burst pressure of 200 psig.
3. Lightweight, Low Cost.
4. Grooving & Gasket are interchangeable with other makes of couplings have standard dimensions.
5. Buna-N is not recommended for use with fuels such as Ethanol, Bio-Diesel or ULSD (Ultra Low Sulfur Diesel). See Gasket specifications.

GREEN FLUORESEAL GASKET

1. Fabricated Design provides more than adequate strength.
2. Coupling meets A.P.I RP 1004 Pressure Requirements and Canadian Standards Association B 242 except 6" Aluminum which has a Burst Pressure of 200 psig.
3. Grooving & Gasket are interchangeable with other makes of couplings have standard dimensions.
4. Recommended for use with fuels such as - Ethanol, U.L.S.D (Ultra Low Sulfur Diesel) and Bio Diesel. See Gasket Specifications.

MARK II COUPLING

BLACK BUNA-N GASKET

1. Fabricated Design provides more than adequate strength.
2. Coupling meets A.P.I RP 1004 Pressure Requirements and Canadian Standards Association B 242 except 6" Aluminum which has a Burst Pressure of 200 psig.
3. Grooving & Gasket are interchangeable with other make of couplings have standard dimensions.
4. Buna-N is not recommended for use with fuels such as Ethanol, Bio-Diesel or ULSD (Ultra Low Sulfur Diesel). See gasket specifications.
5. Bolts are an integral part of the coupling.

GREEN FLUORESEAL GASKET

1. Fabricated Design provides more than adequate strength.
2. Coupling meets A.P.I RP 1004 Pressure Requirements and Canadian Standards Association B 242 except 6" Aluminum which has a Burst Pressure of 200 psig.
3. Grooving & Gasket are interchangeable with other makes of couplings have standart dimensions.
4. Recommended for use with fuels such as - Ethanol, U.L.S.D (Ultra Low Sulfur Diesel). and Bio Diesel. See Gasket Specifications.
5. Bolts are an integral part of the Coupling.

NIPPLES

GROOVED NIPPLE

1. Made from thin-wall tubing.
2. Larger inside diameter assures better flow.
3. Lightweight, Low Cost.
4. For use with most makes of couplings having standard dimensions and tolerances.

BELLED GROOVED NIPPLES SPECIFICATIONS

1. Made from thin-wall tubing.
2. Larger inside diameter assures better flow.
3. Lightweight, Low Cost.
4. For use with most makes of couplings having standard dimensions and tolerances.

THREADED NIPPLE SPECIFICATIONS

1. CNC machined Threads provide accurate tolerances.
2. Smooth interiors (no projections into the flow area).
3. Provide greater flow and greater strength.
4. Large flow areas.
5. May be used with pipe or thin-wall tubing.
6. Standard NPT Threading (national pipe thread).



Dry Bulk



Cookie Cutter



**New Seamless Body.
New Easy to Carry Handle.**



Features:

- Standard dimensions for easy installation.
- EVER-TITE® Cam Couplings permit quick fit up and detach.
- Lightweight and Strong.
- Interior Stainless Steel Cone.
- Designed for the separation and aerating expansion of highly compacted dry bulk products; insuring constant flow discharge.
- 100% Made in the USA.

Aluminum

Description, Part Number & Weight

Size	Part #	Flange Gasket	Weight
4" x 6" x 4"	CC0406	Cork & Buna-N	
	CC0406B	Black Buna-N	
	CC0406V	Green Fluoreseal	
5" x 6" x 5"	CC0506	Cork & Buna-N	
	CC0506B	Black Buna-N	
	CC0506V	Green Fluoreseal	

4" Cookie Cutter **Mounting Kit**
With Evertite Dust Cap and Plug,
Chains, Mounting Brackets &
Brass Locks With Keys
CC4KIT

5" Cookie Cutter **Mounting Kit**
With Evertite Dust Cap and Plug,
Chains, Mounting Brackets &
Brass Locks With Keys
CC5KIT

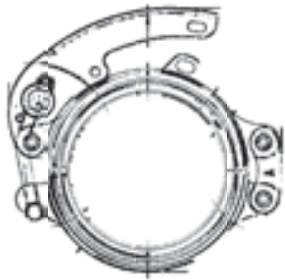
Dry Bulk Couplings

Groove to Groove



Aluminum

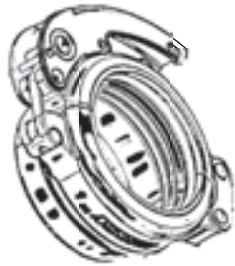
Description, Part Number & Weight



Size	Part #	Gasket	Weight
3	20373	Nitrile	1.4
	20373S	* Nitrile	1.4
4	20371	Nitrile	1.9
	20371S	* Nitrile	1.9

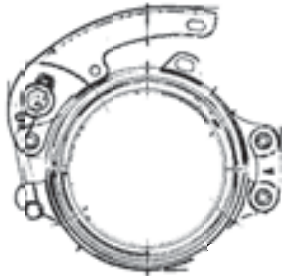
*Safety Strap with Food Grade Gasket

Groove to Plain



Aluminum

Description, Part Number & Weight



Size	Part #	Gasket	Weight
4	20372	Nitrile	2.5
	20372S	* Nitrile	2.5

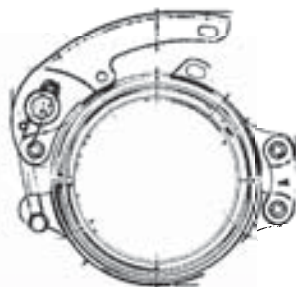
*Safety Strap with Food Grade Gasket

Plain to Plain



Aluminum

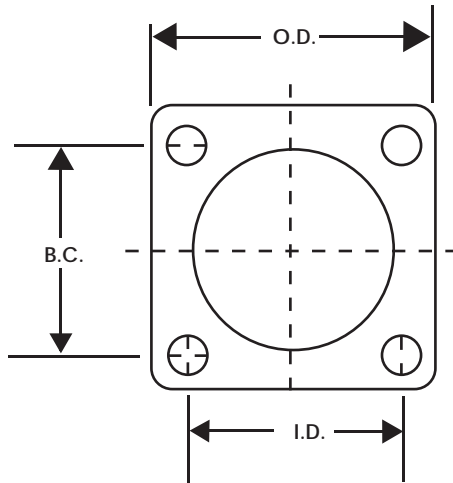
Description, Part Number & Weight



Size	Part #	Gasket	Weight
4	20370	Nitrile	2.88
	20370S	* Nitrile	2.88

*Safety Strap with Food Grade Gasket

Square (Dry Bulk) Flanges



Aluminum

Steel

Description, Part Number, Weight & Dimensions

Nom. Size	Part #	Wt	I.D.	O.D.	B.C.	No. Of Holes
3	20100C	.4	3.5	4.81	3.5	4
3	20057A	.6	3.5	4.81	3.5	4

SPECIFICATIONS

DRY BULK ALUMINUM BC COUPLINGS

1. Hinge design makes it easier to install.
2. Rugged handle design will not pinch your fingers.
3. Lightweight, Low Cost.
4. Secure
5. Fabricated Design provides superior strength.
6. Food Grade White Nitril Gasket.

DRY BULK SQUARE FLANGES

1. Made from cold rolled material
2. Stamped not cast for greater strength.
3. Integrates well with using Standard dimensions
4. Flat surface supports superior gasket retention.
5. Low cost leader.
6. May be Used with pipe or thin-wall tubing.



Gaskets



Need help finding
the **right gasket.....**

Take a look at our
Fluid Compatibility Table!

Elastomer Fluid Compatibility (for reference only)

Fluoroelastomer	EPDM	Buna-N
-----------------	------	--------

1 = Recommended 2 = Probably Satisfactory
3 = Marginal 4 = Not Recommended

Chemical/Media	FKM	P.C.	NBR	Chemical/Media	FKM	P.C.	NBR
Acetaldehyde	4	2	4	Ammonia Gas, Hot	4	2	4
Acetamide	3	1	1	Ammonia, Liquid	4	1	2
Acetic Acid, 30%	3	1	2	Ammonium Carbonate	3	1	4
Acetic Acid, Glacial	4	2	2	Ammonium Chloride	1	1	1
Acetic Anhydride	4	2	4	Ammonium Hydroxide, Conc.	2	1	4
Acetone	4	1	4	Ammonium Nitrate	1	1	1
Acetonitrile	1	1	3	Ammonium Persulfate	3	1	4
Acetophenone	4	1	4	Ammonium Phosphate, Dibasic	1	1	1
Acetyl Chloride	1	4	4	Ammonium Salts	3	1	1
Acetylacetone	4	1	4	Ammonium Sulfate	1	1	1
Acetylene	1	1	1	Ammonium Sulfide	1	1	1
Acetylene Tetrabromide	1	1	4	Amyl Acetate	4	1	4
Acrylic Acid	4	3	2	Amyl Alcohol	1	1	2
Acrylonitrile	3	4	4	Amyl Borate	1	4	1
Adipic Acid	2	2	1	Amyl Chloride	1	4	1
Aero Lubriplate	1	4	1	Amyl Chloronaphthalene	1	4	4
Aero Shell 17 Grease	1	4	1	Amyl Naphthalene	1	4	4
Aero Shell 1AC Grease	1	4	1	AN-0-3 Grade M	1	4	1
Aero Shell 750	1	4	2	AN-0-366	1	4	1
Aero Shell 7A Grease	1	4	2	AN-0-6	1	4	1
AEROSAFE 2300	4	1	4	AN-VV-0-366B Hydraulic	1	4	1
AEROSAFE 2300W	4	1	4	Anderol (Diester)	1	4	2
Aerozene 50 (50%Hydrazine, 50%UDMH)	4	1	3	ANG-25 (Diester Base)	1	4	2
Air, Below 200° F	1	1	1	ANG-25 (Glyceral Ester)	1	1	2
Alkazene	2	4	4	Aniline	2	2	4
Allyl Chloride	2	1	2	Aniline Dyes	2	2	4
Aluminum Acetate	4	1	2	Aniline Hydrochloride	2	3	4
Aluminum Bromide	1	1	1	Aniline Oils	3	2	4
Aluminum Chloride	1	1	1	Animal Fats (Lard)	1	2	1
Aluminum Fluoride	1	1	1	Ansul Ether 161 or 181	4	3	3
Aluminum Hydroxide	2	2	2	Antimony Trioxide	1	1	1
Aluminum Nitrate	1	1	2	Aqua Regia	2	3	4
Aluminum Phosphate	1	1	1	Argon	1	1	1
Aluminum Salts	1	1	1	AROCLOR 1248	1	2	3
Aluminum Sulfate	1	1	1	AROCLOR 1254	1	2	4
AMBREX 33	1	4	1	AROCLOR 1260	1	2	1
AMBREX 830	1	3	1	Aromatic Fuels	1	4	2
Amines Mixed (Eg: Allyl, Ethyl, Etc.)	4	2	4	Arsenic Acid	1	1	1
Ammonia + Lithium Metal Solution	4	2	4	Arsenic Trichloride	4	4	1
Ammonia Gas, Cold	4	1	1	Askarel Transformer Oil	1	4	2
				Asphalt	1	4	2

(for reference only) **Elastomer Fluid Compatibility**

Fluoroelastomer	EPDM	Buna-N
------------------------	-------------	---------------

1 = Recommended **2** = Probably Satisfactory
3 = Marginal **4** = Not Recommended

Chemical/Media	FKM	P.C.	NBR
ASTM Oil No.1	1	4	1
ASTM Oil No.2	1	4	1
ASTM Oil No.3	1	4	1
ASTM Oil No.4	1	4	2
ASTM Oil No.5	1	4	1
ASTM Reference Fuel A	1	4	1
ASTM Reference Fuel B	1	4	1
ASTM Reference Fuel C	2	4	2
ASTM Reference Fuel D	1	4	2
AUREX 903R	1	4	1
Automatic Transmission Fluid	1	4	1
Automotive Brake Fluid	4	1	3
BARDOL B	1	4	4
Barium Chloride	1	1	1
Barium Hydroxide	1	1	1
Barium Salts	1	1	1
Barium Sulfate	1	1	1
Barium Sulfide	1	1	1
BAYOL 35	1	4	1
BAYOL D	1	4	1
Benzaldehyde	4	1	4
Benzene	2	4	4
Benzenesulfonic Acid	1	4	4
Benzoic Acid	1	4	4
Benzophenone	1	2	4
Benzotrichloride	1	1	4
Benzoyl Chloride	2	4	4
Benzyl Alcohol	1	2	4
Benzyl Benzoate	1	2	4
Benzyl Chloride	1	4	4
Black Liquor	2	2	2
Black Point 77	1	1	1
Blast-Furnace Gas	1	4	4
Bleach Liquor	1	1	2
Bone Oil	1	2	1
Borax	1	1	2
Bordeaux Mixture	1	1	2
Boric Acid	1	1	1
Boron Fluids (HEF)	1	4	2
BRAYCO 885 (MIL-L-6085A)	1	4	2
BRAYCO 910	4	1	2

Chemical/Media	FKM	P.C.	NBR
Brine	1	1	1
Bromine	1	4	4
Bromine Pentafluoride	4	4	4
Bromine Trifluoride	4	4	4
Bromine, Anhydrous	1	4	4
Bromobenzene	1	4	4
Bromochloromethane	1	2	4
Bromochlorotrifluoroethane (HALOTHANE)	1	4	4
Bromotrifluoromethane (FC 13B1)	1	1	1
Bunker C	1	4	1
Butane	1	4	1
Butyl Acetyl Ricinoleate	1	1	2
Butyl Amine	4	4	3
Butyl Benzoate	1	1	4
Butyl CARBITOL	1	1	4
Butyl CELLOSOLVE	4	2	3
Butyl CELLOSOLVE Acetate	2	2	4
Butyl Ether	4	3	3
Butyl Oleate	1	2	4
Butyl Stearate	1	4	2
Butylene	1	4	2
Butyraldehyde	4	2	4
Butyric Acid	2	2	4
Cadmium Cyanide	1	1	1
Calcine Liquors	1	1	1
Calcium Nitrate	1	1	1
Calcium Acetate	4	1	2
Calcium Arsenate	1	1	1
Calcium Bisulfite	1	4	1
Calcium Carbonate	1	1	1
Calcium Chloride	1	1	1
Calcium Cyanide	1	1	1
Calcium Hydrogen Sulfite	1	4	4
Calcium Hydroxide	1	1	1
Calcium Hypochlorite	1	1	2
Calcium Nitrate	1	1	1
Calcium Phosphate, Monobasic	1	1	1
Calcium Salts	1	1	1
Calcium Silicate	1	1	1
Calcium Sulfide	1	1	1
Calcium Sulfite	1	1	1

Elastomer Fluid Compatibility (for reference only)

Fluoroelastomer	EPDM	Buna-N
-----------------	------	--------

1 = Recommended 2 = Probably Satisfactory
3 = Marginal 4 = Not Recommended

Chemical/Media	FKM	P.C.	NBR
Calcium Thiosulfate	1	1	2
Caliche Liquors	1	1	1
Camphor	1	1	1
Cane Sugar Liquors	1	1	1
Caproic Aldehyde	4	2	-
Caprolactam	4	1	1
Carbamate	1	2	3
Carbitol	2	2	2
Carbolic Acid	1	2	4
Carbon Dioxide, Dry	2	2	1
Carbon Dioxide, Wet	2	2	1
Carbon Disulfide	1	4	4
Carbon Monoxide	1	1	1
Carbon Tetrachloride	1	4	2
Carbonic Acid	1	1	4
Castor Oil	1	2	1
Caustic Lime	1	1	1
Caustic Potash	4	1	2
Caustic Soda	4	1	2
CELLOSOLVE	4	2	4
CELLOSOLVE Acetate	4	2	4
CELLUGUARD	1	1	1
CELLULUBE (Phosphate Esters)	1	1	4
CELLULUBE A60	4	2	4
CELLUTHERM 2505A	2	4	2
Cement, Portland	1	1	1
Cetane (Hexadecane)	1	4	1
Chlordane	1	4	2
Chlorextol	1	4	2
Chlorinated Naphthalene	1	4	4
Chlorinated Salt Brine	1	4	4
Chlorinated Solvents	1	4	4
Chlorine (Dry)	1	4	4
Chlorine (Wet)	1	2	3
Chlorine Dioxide	2	3	4
Chlorine Trifluoride	4	4	4
Chlorine Water	1	2	3
Chloroacetic Acid	4	2	4
Chloroacetone	4	1	4
Chlorobenzene	1	4	4
Chlorobromo Methane	1	2	4
Chlorobutadiene	1	4	4

Chemical/Media	FKM	P.C.	NBR
Chlorodifluoroethane (FC 142b)	4	1	-
Chlorodifluoromethane (FC 22)	4	2	4
Chlorododecane	1	4	4
Chloroform	1	4	4
Chlorohydrin	1	1	1
Chloronitroethane	4	4	4
Chloropentafluoroethane (FC 115)	1	1	1
Chloroprene	1	4	4
Chlorosulfonic Acid	4	4	4
Chlorotrifluoromethane (FC 13)	1	1	-
Chlorox	1	2	2
Chrome Alum	1	1	1
Chrome Plating Solution	1	2	4
Chromic Acid	1	2	4
Chromic Oxide	1	2	4
Chromium Potassium Sulfate	1	2	2
Circo Light Process Oil	1	4	1
Citric Acid	1	1	1
City Service 65,120,250	1	4	1
City Service Kool Motor Oil No.140	1	4	1
City Service Pacemaker No.2	1	4	1
CLOROX	1	2	2
Coal Tar	1	4	1
Cobaltous Chloride	1	1	1
Coconut Oil	1	3	1
Cod Liver Oil	1	1	1
Coke Oven Gas	1	4	4
CONVELEX 10	1	3	4
COOLANOL	1	4	1
Copper Acetate	4	1	2
Copper Chloride	1	1	1
Copper Cyanide	1	1	1
Copper Nitrate	1	2	2
Copper Salts	1	1	1
Copper Sulfate	1	1	1
Corn Oil	1	3	1
Cottonseed Oil	1	3	1

(for reference only) Elastomer Fluid Compatibility

Fluoroelastomer	EPDM	Buna-N
-----------------	------	--------

1 = Recommended 2 = Probably Satisfactory
3 = Marginal 4 = Not Recommended

Chemical/Media	FKM	P.C.	NBR
Creosote-Coal Tar	1	4	1
Cresol (Methyl Phenol)	1	4	4
Cresylic Acids	1	4	4
Crotonic Acid	4	2	4
Crude Oil (Asphalt Base)	1	4	2
Cumene	1	4	4
Cupric Sulfate	1	1	1
Cutting Oil	1	4	1
Cyanogen Chloride	2	3	4
Cyclohexane	1	4	1
Cyclohexanol	1	4	1
Cyclohexanone	4	2	4
DDT (Dichlorodiphenyltrichloroet	1	4	4
Decahydronaphthalene	1	4	4
Deionized Water	1	2	2
DELCO Brake Fluid	4	1	3
Detergent Solutions	1	1	1
Developing Fluids	1	2	1
DEXTRON	1	4	1
Diacetone	4	1	4
Diacetone Alcohol (Diacetol)	4	1	4
DIAZINON	2	4	3
Dibenzyl Ether	4	2	4
Dibenzyl Sebacate	2	2	4
Dibromodifluoromethane	-	2	4
Dibromoethylbenzene	1	4	4
Dibromotetrafluoroethane (FC 114B2)	2	4	2
Dibutyl Ether	3	3	4
Dibutyl Phthalate (DBP)	2	2	4
Dibutyl Sebacate	1	2	4
Dicapryl Phthalate	2	2	4
Dichlorobutane	1	4	2
Dichlorodiethyl Sulfide	-	1	-
Dichlorodifluoromethane (FC 12)	2	2	1
Dichloroethylene	2	-	-
Dichlorofluoromethane (FC 21)	4	4	4
Dichloroisopropyl Ether	3	3	4

Chemical/Media	FKM	P.C.	NBR
Dichlorotetrafluoroethane (FC 114)	1	1	1
Dicyclohexylamine	4	4	3
Diesel Oil	1	4	1
Diester Lubricant (MIL-L- 7808)	1	4	2
Diester Synthetic Lubricating Oils	1	4	2
Diethyl Ether	4	4	4
Diethyl Sebacate	2	2	4
Diethyl Sulfate	4	1	4
Diethylamine	4	2	2
Diethylbenzene	1	4	4
Diethylene Glycol	2	1	1
Diethylene Glycol Butyl Ether	3	1	4
Diethylhexyl Phthalate	2	2	4
Diethylhexyl Sebacate	2	2	4
Difluoroethane (FC 152a)	4	1	1
Diisobutyl Ketone	4	1	-
Diisobutylene	1	4	2
Diisooctyl Sebacate (DIOS)	2	3	3
Diisopropyl Ketone	4	1	4
Diisopropylbenzene	1	4	4
Diisopropylidene Acetone	4	3	4
Dimethyl Acetamide (DMAC)	4	-	-
Dimethyl Ether	4	4	4
Dimethyl Phthalate	1	2	4
Dimethyl Sulfoxide (DMSO)	4	1	3
Dimethyl Terephthalate (DMT)	2	-	-
Dimethylaniline	4	2	3
Dimethylformamide (DMF)	4	2	3
Dinitrotoluene (DNT)	4	4	4
Dioxane	4	2	4
Dioxolane	4	2	4
Dipentene	1	4	2
Diphenyl	1	4	4
Diphenyl Oxide	1	4	4
Dow Chemical 50-4, ET588	4	1	3

Elastomer Fluid Compatibility (for reference only)

Fluoroelastomer	EPDM	Buna-N
-----------------	------	--------

1 = Recommended 2 = Probably Satisfactory
3 = Marginal 4 = Not Recommended

Chemical/Media	FKM	P.C.	NBR
Dow Chemical ET378	3	3	4
Dow Corning 1208,4050,6620,F-60,Xf-60	1	1	1
Dow Corning 3,4,11	1	1	1
Dow Corning 5,33,44,200,220,510,550,70	1	1	1
Dow Corning 55	1	1	1
Dow Corning F-61	1	1	1
DOW GUARD	1	1	1
DOWTHERM 209	3	1	3
DOWTHERM A	1	4	4
DOWTHERM E	1	4	4
Drinking Water	1	1	1
Dry Cleaning Fluids	1	4	3
DTE Light Oil	1	4	1
ELCO 28 EP Lubricant	1	4	1
Epichlorohydrin	4	2	4
Epoxy Resins	4	1	3
Esam-6 Fluid	4	1	4
ESSO Fuel 208	1	4	1
ESSO Golden Gasoline	1	4	2
ESSO Motor Oil	1	4	1
ESSO Transmission Fluid, Type A	1	4	1
ESSO WS2812 (MIL-L-7808A)	1	4	1
ESSO XP90-EP Lubricant	1	4	1
ESSTIC 42,43	1	4	1
Ethane	1	4	1
Ethanethiol+D30	2	3	4
Ethanolamine (MEA)	4	2	4
Ether	4	4	4
Ethyl Acetate	4	2	4
Ethyl Acetoacetate	4	2	4
Ethyl Acrylate	4	2	4
Ethyl Alcohol (Ethanol)	3	1	1
Ethyl Benzene	1	4	4
Ethyl Benzoate	1	4	4
Ethyl Bromide	1	4	2
Ethyl Cellulose	4	2	2
Ethyl Chloride	1	3	1
Ethyl Chlorocarbonate	1	4	4
Ethyl Cyanide	1	4	1

Chemical/Media	FKM	P.C.	NBR
Ethyl Dibromide	1	3	4
Ethyl Dichloride	1	3	4
Ethyl Ether	4	3	4
Ethyl Formate	1	2	4
Ethyl Hexanol	1	1	1
Ethyl Mercaptan	2	-	4
Ethyl Oxalate	1	1	4
Ethyl Pentachlorobenzene	1	4	4
Ethyl Silicate (TEOS)	1	1	1
Ethyl Tertiary Butyl Ether	2	3	3
Ethylamine	4	-	-
Ethylcyclopentane	1	4	1
Ethylene	1	2	1
Ethylene Chloride	2	4	4
Ethylene Chlorohydrin	1	2	4
Ethylene Dibromide	1	3	4
Ethylene Dichloride	1	3	4
Ethylene Glycol	1	1	1
Ethylene Glycol Butyl Ether	4	2	3
Ethylene Glycol Butyl Ether Acetate	2	2	4
Ethylene Glycol Ethyl Ether Acetate (EGMEEA)	4	2	4
Ethylene Oxide	4	4	4
Ethylene Trichloride	1	3	4
Ethylenediamine	4	1	1
Ethylmorpholine Stannous Octotate (50/50 mixture)	4	2	4
F 60 Fluid	1	1	1
F 61 Fluid	1	1	1
Fatty Acids	1	3	2
FC 11 (CFC)(Trichlorofluoromethane)	2	4	2
FC 112	1	4	2
FC 113 (CFC)(Trichlorotrifluoroethane)	2	4	2
FC 114 (CFC)(Dichlorotetrafluoroethane)	1	1	1
FC 114B2 (Dibromotetrafluoroethane)	2	4	2
FC 115 (CFC)(Chloropentafluoroethane)	2	1	1

(for reference only) Elastomer Fluid Compatibility

Fluoroelastomer	EPDM	Buna-N
-----------------	------	--------

1 = Recommended 2 = Probably Satisfactory
3 = Marginal 4 = Not Recommended

Chemical/Media	FKM	P.C.	NBR	Chemical/Media	FKM	P.C.	NBR
FC 116 (FC)(Hexafluoroethane)	2	1	1	Fluosilicic Acid	2	2	1
FC 12 (CFC)(Dichlorodifluoromethane)	2	2	1	FOMBLIN	1	-	-
FC 13 (CFC)(Chlorotrifluoromethane)	1	1	1	Formaldehyde	1	2	3
FC 13B1 (FC)(Bromotrifluoromethane)	2	1	1	Formamide	3	1	3
FC 14 (FC)(Tetrafluoromethane)	1	1	1	Formic Acid (88%)	4	1	2
FC 142b (HCFC)(Difluorochloroethane)	2	4	2	Fuel Oil	1	4	1
FC 143a (HFC) (1,1,1-Trifluoroethane)	1	4	4	Fumaric Acid	1	2	1
FC 152a (HCFC)(Difluoroethane)	4	1	1	Furaldehyde	4	2	4
FC 21 (CFC)(Dichlorofluoromethane)	4	4	4	Furan	4	4	4
FC 218	1	1	1	Furfural	4	2	4
FC 22 (HCFC)(Chlorodifluoromethane)	4	2	4	Furfuraldehyde	4	2	4
FC 31	4	1	4	Furfuryl Alcohol	1	2	4
FC 32	4	1	1	Furyl Carbinol	4	2	4
FC 43 (Heptacosofluorotributylamine)	1	1	1	FYRQUEL 90,100,150,220,300,500,550	1	1	4
FC 502	2	1	2	FYRQUEL A60	4	2	4
FC 75	2	1	1	GALDEN	1	-	-
FC BF	1	4	2	Gallic Acid	1	2	2
FC C316	1	1	1	Gasoline	1	4	1
FC C318 (Octafluorotetraethylene)	2	1	1	Glauber's Salt	1	2	4
FC PCA	2	4	1	Glucose	1	1	1
FC T-P35	1	1	1	Glycerol	1	1	1
FC T-WD602	1	2	2	Glycols	1	1	1
FC TA	3	2	1	Green Sulfate Liquor	1	1	2
FC TC	1	2	1	GULF ENDURANCE OILS	1	4	1
FC TMC	1	3	2	HALOTHANE (Bromochlorotrifluoroethane)	1	4	4
Ferric Chloride	1	1	1	HALOWAX OIL	1	4	4
Ferric Nitrate	1	1	1	Heavy Water	2	1	1
Ferric Sulfate	1	1	1	HEF-2 (Trialkyl Pentaborane)	1	4	2
Fish Oil	1	4	1	Helium	1	1	1
Fluoboric Acid	-	1	1	Hexachloroacetone	4	1	4
Fluorine	2	4	-	Hexafluoroethane (FC 116)	2	1	1
FLUORINERT (FC 70)	1	-	-	Hexyl Alcohol	1	3	1
Fluorobenzene	1	4	4	High Viscosity Lubricant H2	1	1	1
FLUOROLUBE	2	1	1	High Viscosity Lubricant U4	1	1	1
				Hydraulic Oils (Petroleum, Aircraft)	1	4	1
				Hydrazine	4	1	2
				Hydrobromic Acid	1	1	4
				Hydrochloric Acid (37%) (Hot)	1	3	4
				Hydrochloric Acid, Conc.	1	2	2

Elastomer Fluid Compatibility (for reference only)

Fluoroelastomer	EPDM	Buna-N
-----------------	------	--------

1 = Recommended 2 = Probably Satisfactory
3 = Marginal 4 = Not Recommended

Chemical/Media	FKM	P.C.	NBR
Hydrocyanic Acid	1	1	2
Hydrofluoric Acid (49%)	1	4	4
Hydrofluoric Acid, Anhydrous	1	3	4
Hydrofluoric Acid, Conc. (Hot)	3	4	4
Hydrofluosilicic Acid	1	1	2
Hydrogen	1	1	1
Hydrogen Chloride, Anhydrous	1	1	4
Hydrogen Fluoride, Anhydrous	4	2	-
Hydrogen Peroxide (36%)	1	1	2
Hydrogen Sulfide	4	1	1
HYDROLUBE	1	1	1
Hydroquinone	2	4	3
Hydyne	4	1	2
HYJET	4	1	4
Hypochlorous Acid	1	2	4
INDUSTRON	1	4	1
Iodine	1	2	2
Iodine pentafluoride	4	4	4
Isobutyl Alcohol	1	1	2
Isobutyl Chloride	1	4	4
Isobutyl Ether	4	4	2
Isobutyl n-Butyrate	1	1	4
Isobutyraldehyde	4	2	3
Isobutyric Acid	4	2	2
Isododecane	1	4	1
Isooctane	1	4	1
Isophorone	4	1	4
Isopropyl Acetate	4	2	4
Isopropyl Alcohol (IPA)	1	1	2
Isopropyl Chloride	1	4	4
Isopropyl Ether	4	4	2
JP-10	1	4	3
JP-3 (MIL-J-5624)	1	4	1
JP-4 (MIL-J-5624)	1	4	1
JP-5 (MIL-J-5624)	1	4	1
JP-6 (MIL-J-25656)	1	4	1
JP-8 (MIL -T-83133)	1	4	4
JP-9 (MIL-F-81912)	1	4	3
JPX (MIL-F-25604)	4	4	1
KEL-F Liquids	2	1	1

Chemical/Media	FKM	P.C.	NBR
Kerosene	1	4	1
Lacquer Solvents	4	4	4
Lacquers	4	4	4
Lactams (Amino Acids)	4	2	4
Lactic Acid (Cold)	1	1	1
Lactic Acid (Hot)	1	4	4
Lard (Animal Fats)	1	2	1
Lavender Oil	1	4	2
Lead Acetate	4	1	2
Lead Nitrate	1	1	1
Lead Oxide, Red	1	1	1
Ligroin	1	4	1
Lime Bleach	1	1	1
Lime-Sulfur Solution	1	1	4
LINDOL Hydraulic Fluid	2	1	4
Linoleic Acid	2	4	2
Linseed Oil	1	3	1
Liquid Oxygen	4	4	4
Liquified Petroleum Gas (LPG)	1	4	1
Liquor	1	1	1
Lithium Hydroxide	3	1	2
Lubricating Oils, Diester	1	4	2
Lubricating Oils, Petroleum	1	4	1
Lye	2	1	2
m-Chloroaniline	3	2	4
m-Chlorobenzotrifluoride	1	4	4
Magnesium Chloride	1	1	1
Magnesium Hydroxide	2	1	2
Magnesium Salts	1	1	1
Magnesium Sulfate	1	1	1
Magnesium Sulfite	1	1	1
MALATHION	1	4	2
Maleic Acid	1	4	4
Maleic Anhydride	1	4	4
Malic Acid	1	4	1
MEA (Ethanalamine)	4	2	4
Mercaptobenzothiazole (MBT)	1	1	3
Mercuric Chloride	1	1	1
Mercury	1	1	1
Mercury Vapor	1	1	1
Mesityl Oxide	4	2	4

(for reference only) Elastomer Fluid Compatibility

Fluoroelastomer	EPDM	Buna-N
------------------------	-------------	---------------

1 = Recommended	2 = Probably Satisfactory
3 = Marginal	4 = Not Recommended

Chemical/Media	FKM	P.C.	NBR
Methacrylic Acid	3	2	4
Methane	1	4	1
Methyl Acetate	4	2	4
Methyl Acetoacetate	4	2	4
Methyl Acrylate	4	2	4
Methyl Alcohol (Methanol)	2	1	1
Methyl Benzoate	1	4	4
Methyl Bromide	1	4	2
Methyl Butyl Ketone	4	1	4
Methyl Carbonate	1	4	4
Methyl CELLOSOLVE	4	2	3
Methyl Cellulose	4	2	2
Methyl Chloride	2	3	4
Methyl Chloroform	2	4	4
Methyl Chloroformate	1	4	4
Methyl Ether	1	2	1
Methyl Ethyl Ketone (MEK)	4	1	4
Methyl Ethyl Ketone Peroxide	4	4	4
Methyl Formate	4	2	4
Methyl Isobutyl Ketone (MIBK)	4	3	4
Methyl Isopropyl Ketone	4	2	4
Methyl Mercaptan	-	1	-
Methyl Methacrylate	4	4	4
Methyl Oleate	1	2	4
Methyl Salicylate	-	2	4
Methyl Tertiary Butyl Ether (MTBE)	4	3	3
Methylcyclopentane	1	4	4
Methylene Bromide	1	4	2
Methylene Chloride	2	4	4
MIL-F-25558 (RJ-1)	1	4	1
MIL-F-25656 (JP-6)	1	4	1
MIL-F-81912 (JP-9)	1	4	3
MIL-F-82522 (RJ-4)	1	4	2
MIL-H-8446 (MLO-8515)	1	4	2
MIL-L-23699 LUBRICANTS	1	4	2
MIL-L-7808 LUBRICANTS	1	4	2
MIL-R-25576 (RP-1)	1	4	1
MIL-S-3136 Type I Fuel	1	4	1
MIL-S-3136 Type II Fuel	1	4	2

Chemical/Media	FKM	P.C.	NBR
MIL-S-3136 Type III Fuel	1	4	2
MIL-S-3136 Type IV Oil, High Swell	1	4	1
MIL-S-3136 Type IV Oil, Low Swell	1	4	1
MIL-S-3136 Type V Oil, Medium Swell	1	4	1
MIL-T-5624 (JP-3, JP-4, JP-5)	1	4	1
MIL-T-83133 (JP-8)	1	4	1
Milk	1	1	1
Mineral Oil	1	3	1
Mixed Acid Etchants	3	4	4
MLO-7277, 7557	1	4	3
MLO-8200, 8515 (MIL-H-8446)	1	4	2
MOBIL DELVAC 1100,1110,1120,1130	1	4	1
MOBIL HF	1	4	1
MOBIL NIVAC 20,30	1	1	1
MOBIL THERM 600	1	4	1
Molybdenum Disulfide Grease	1	4	1
Monomethyl Hydrazine	4	1	2
Monomethylaniline	2	4	4
Monovinyl Acetylene	1	1	1
MOPAR BRAKE FLUID	4	1	3
n-Butyl Acetate	4	2	4
n-Butyl Acrylate	4	4	4
n-Butyl Alcohol	1	2	1
n-Butyl Butyrate	1	1	4
n-Decane	1	4	1
n-Dibutylamine	4	4	4
n-Heptane	1	4	1
n-Hexadecane (Cetane)	1	4	1
n-Hexaldehyde	4	1	4
n-Hexane	1	4	1
n-Methyl 2-Pyrrolidone (NMP)	2	2	-
n-Octadecane	1	4	1
n-Octane	1	4	2
n-Octyl Alcohol	1	1	2
n-Pentane	1	4	1
n-Propyl Acetate	4	2	4

Elastomer Fluid Compatibility (for reference only)

Fluoroelastomer	EPDM	Buna-N
-----------------	------	--------

1 = Recommended 2 = Probably Satisfactory
3 = Marginal 4 = Not Recommended

Chemical/Media	FKM	P.C.	NBR
n-Propyl Acetone	4	1	4
n-Propyl Nitrate	1	2	4
n-Propyl Propionate	4	2	4
Naphtha	1	4	2
Naphthalene	1	4	4
Naphthenic Acid	1	4	2
Natural Gas	1	4	1
Neatsfoot Oil	1	2	1
Neon	1	1	1
Neville-Winter Acid	1	2	4
Nickel Acetate	4	1	2
Nickel Ammonium Sulfate	1	1	1
Nickel Chloride	1	1	1
Nickel Sulfate	1	1	1
Nitric Acid (0-50%)	1	3	4
Nitric Acid (70%)	2	4	4
Nitric Acid, Red Fuming	2	4	4
Nitrobenzene	2	4	4
Nitroethane	4	2	4
Nitrogen	1	1	1
Nitrogen Dioxide	4	-	-
Nitrogen Tetroxide	4	4	4
Nitromethane	4	2	4
Nitrous Oxide	1	1	1
NMP (n-Methyl 2-Pyrrolidone)	2	2	-
o-Chlorophenol	1	4	4
o-Dichlorobenzene	1	4	4
Octachloro Toluene	1	4	4
Octafluorocyclobutane	2	1	-
Oleic Acid	2	4	3
Oleum (Fuming Sulfuric Acid)	1	4	3
Olive Oil	1	2	1
Orthochloro Ethyl Benzene	1	4	4
Oxalic Acid	1	1	2
Oxygen, Gas (Hot)	3	4	4
Oxygen, Liquid	4	4	4
Ozonated Deionized Water	1	2	-
Ozone	1	1	4
p-Aminobenzoic Acid (PABA)	2	2	4
p-Chlorotoluene	1	4	4

Chemical/Media	FKM	P.C.	NBR
p-Cymene	1	4	4
p-Dichlorobenzene	1	4	4
p-Phenylenediamine	4	-	-
p-tert-Butylcatechol	1	2	4
Paint Thinner-DUCO	2	4	4
Palmitic Acid (Hexadecanoic Acid)	1	2	1
Par-al-Ketone	4	4	4
Peanut Oil	1	3	1
Pentaerythritol	1	1	1
Perchloric Acid	1	2	4
Perchloroethylene	1	4	2
Petrolatum	1	4	1
Petroleum < 121 C/250 F	1	4	1
Petroleum > 121 C/250 F	2	4	4
Petroleum, Crude	1	4	1
Phenetole	4	4	4
Phenol	1	4	4
Phenolsulfonic Acid	1	-	-
Phenyl Ethyl Ether	4	4	4
Phenylbenzene	1	4	4
Phenylhydrazine	1	4	4
Phorone	4	1	4
Phosphoric Acid (20%)	1	1	4
Phosphoric Acid (80%)	1	1	4
Phosphorous Trichloride	1	1	4
Phthalic Anhydride	4	2	3
Pickling Solution	2	3	4
Picric Acid	1	2	2
Pine Oil	1	4	1
Pinene	1	4	2
Piperidine	4	4	4
Plating Solution, Chrome	1	2	4
Plating Solution, Others	1	1	1
Polyethylene Glycol	3	1	2
Polyvinyl Acetate Emulsion	3	1	1
Potassium Acetate	4	1	2
Potassium Chloride	1	1	1
Potassium Copper Cyanide	1	1	1
Potassium Cyanide	1	1	1
Potassium Dichromate	1	1	1
Potassium Hydroxide	4	1	2
Potassium Nitrate	1	1	1

(for reference only) Elastomer Fluid Compatibility

Fluoroelastomer	EPDM	Buna-N
-----------------	------	--------

1 = Recommended 2 = Probably Satisfactory
3 = Marginal 4 = Not Recommended

Chemical/Media	FKM	P.C.	NBR
Potassium Permanganate	3	-	-
Potassium Sulfate	1	1	1
Potassium Sulfite	1	1	1
PRESTONE Antifreeze	1	1	1
PRL-High Temp, Hydraulic Oil	1	4	2
Producer Gas	1	4	1
Propane	1	4	1
Propyl Alcohol	1	1	1
Propylene	1	4	4
Propylene Glycol	1	1	1
Propylene Oxide	4	2	4
PRS-3000	2	2	-
PYDRAUL 115E	1	1	4
PYDRAUL 230C,312C & 540C	1	4	4
PYRANOL TRANSFORMER OIL	1	4	1
Pyridine	4	2	4
PYROGARD 42,43,53 & 55	1	1	4
PYROGARD C&D (Water & Petroleum)	1	4	1
Pyrolygneous Acid	4	2	4
PYROLUBE	1	2	4
Pyrrole	4	4	4
Radiation	4	1	3
Rapeseed Oil	1	1	2
RED LINE 100 OIL	1	4	1
Resorcinol	1	4	4
RJ-1 (MIL-F-25558)	1	4	1
RJ-4 (MIL-F-82522)	1	4	2
RP-1 (MIL-R-25576)	1	4	1
Sal Ammoniac	1	1	1
Salicylic Acid	1	1	2
Salt Water	2	1	1
SANTOSAFE 300	1	3	4
Sewage	2	1	1
SHELL TELLUS 27 (Petro Base)	1	4	1
SHELL UMF (5% Aromatic)	1	4	1
Silicate Esters	1	4	2
Silicone Oils	1	1	1
Silver Nitrate	1	1	2
SINCLAIR OPALINE CX-EP LUBE	1	4	1

Chemical/Media	FKM	P.C.	NBR
SKYDROL 500	4	1	4
SKYDROL 7000	2	1	4
Soap Solutions	2	1	1
SOCONY PD959B VACUUM	1	4	1
Soda Ash	1	1	1
Sodium Acetate	4	1	2
Sodium Bicarbonate	1	1	1
Sodium Bisulfate	1	1	1
Sodium Bisulfite	1	1	1
Sodium Borate	1	1	1
Sodium Chloride	1	1	1
Sodium Cyanide	2	1	1
Sodium Hydroxide	3	1	2
Sodium Hypochlorite	1	2	2
Sodium Metaphosphate	1	1	1
Sodium Nitrate	1	1	2
Sodium Perborate	1	1	2
Sodium Peroxide	1	1	2
Sodium Phosphate, Dibasic	1	1	1
Sodium Salts	1	1	1
Sodium Silicate	1	1	1
Sodium Sulfate Decahydrate	1	2	4
Sodium Sulfate, Anhydrous	1	1	1
Sodium Sulfite	1	1	1
Sodium Thiosulfate	1	1	2
Sodium Tripolyphosphate	2	1	4
SOLVASOL 1, 2 & 3	1	4	1
Sour Crude Oil	1	4	3
Sour Natural Gas	1	4	3
Soybean Oil	1	3	1
SR6 FUEL	1	4	2
Stannic Chloride	1	1	1
Stannous Chloride	1	1	1
STAUFFER 7700	1	4	2
Steam < 149 C/300 F	2	1	4
Steam > 149 C/300 F	4	4	4
Stearic Acid	2	2	2
Stoddard Solvent (ASTM D-484-52)	1	4	1
Styrene, Monomer	1	4	4
Sucrose Solution	1	1	1
Sulfite Liquors	1	2	2

Elastomer Fluid Compatibility (for reference only)

Fluoroelastomer	EPDM	Buna-N
------------------------	-------------	---------------

1 = Recommended 2 = Probably Satisfactory
3 = Marginal 4 = Not Recommended

Chemical/Media	FKM	P.C.	NBR
Sulfolane	2	1	2
Sulfur Chloride	1	4	4
Sulfur Dioxide	3	1	4
Sulfur Hexafluoride	3	1	2
Sulfur Trioxide, Dry	1	2	4
Sulfur, Molten	1	3	4
Sulfuric Acid (20% Oleum)	1	1	2
Sulfuric Acid (96%)	1	4	4
Sulfurous Acid	3	2	2
SUNOCO SAE 10	1	4	1
SUPERSHELL Gasoline	1	4	1
SWANFINCH EP Lubricant	1	4	1
Tannic Acid	1	1	1
Tar	1	4	2
Tartaric Acid	1	2	1
TEOS (Tetraethylorthosilicate)	1	1	1
Terpineol	1	3	2
tert-Butyl Alcohol	1	2	2
tert-Butyl Mercaptan	1	4	4
Tetrabromomethane	1	4	4
Tetrabutyl Titanate	1	1	2
Tetrachloroethane	1	4	4
Tetrachloroethylene	1	4	2
Tetraethyl Lead	1	4	2
Tetrafluoromethane (FC 14)	1	1	1
Tetrahydrofuran (THF)	4	3	4
TETRALIN (Tetrahydronaphthalene)	1	4	4
TEXACO 3450 GEAR OIL	1	4	1
TEXACO UNI-TEMP GREASE	1	4	1
TEXAMATIC 3525 Fluid	1	4	1
THERMINOL 55	1	4	2
THIOKOL TP-90B	1	1	4
THIOKOL TP-95	1	1	4
Thionyl Chloride	2	3	4
Tidewater Oil, BEEDOL	1	4	1
Titanium Tetrachloride	1	4	2
Toluene	1	4	4
Toluene Diisocyanate (TDI)	3	2	4
Transformer Oil	1	4	1
Transmission Fluid Type A	1	4	1
Triacetin	4	1	2

Chemical/Media	FKM	P.C.	NBR
Triallyl Phosphate	1	1	4
Tributoxyethyl Phosphate	1	1	4
Tributyl Mercaptan	1	4	4
Tributyl Phosphate	4	1	4
Trichloroacetic Acid (TCA)	3	2	2
Trichloroethylene (TCE)	1	4	3
Trichlorofluoromethane (FC 11)	2	4	2
Trichlorotrifluoroethane (FC 113)	2	4	2
Tricresyl Phosphate	1	1	4
Triethanolamine (TEA)	4	2	3
Triethylaluminum	3	3	4
Triethylborane	1	3	4
Trifluoroethane (FC 143a)	1	4	4
Trinitrotoluene (TNT)	2	4	4
Trioctyl Phosphate	2	2	4
Tung Oil (China Wood Oil)	1	4	1
Turbine Oil No.15 (MIL L-7808A)	1	4	2
Turpentine	1	4	1
UCON HYDROLUBE J-4	3	1	2
UCON OIL LB-385, 400X	3	1	1
UDMH (Unsymmetrical Dimethyl Hydrazine)	4	1	2
UNIVIS 40 Hydraulic Fluid	1	4	1
UNIVOLT NO.35 (Mineral Oil)	1	4	1
UPDI (Ultra Pure Deionized Water)	1	2	-
Varnish	1	4	2
Vegetable Oils	1	3	1
VERSILUBE F44, F50 & F55	1	1	1
Vinegar	2	1	2
Vinyl Acetate	4	2	4
Vinyl Chloride (VC)	1	4	4
Vinyl Fluoride	2	-	-
VV-H-910	1	1	3
WAGNER 21B Brake Fluid	4	1	3
Water	1	1	1
WEMCO C	1	4	1
Whiskey & Wines	1	1	1
White Pine Oil	1	4	2
Wolmar Salts	1	1	1

(for reference only) **Elastomer Fluid Compatibility**

Fluoroelastomer	EPDM	Buna-N
-----------------	------	--------

1 = Recommended 2 = Probably Satisfactory 3 = Marginal 4 = Not Recommended

Chemical/Media	FKM	P.C.	NBR
Xenon	1	1	1
Xylene	2	4	4
Xylidine	4	4	3
Xylol	1	4	4
Zeolites	1	1	1
Zinc Acetate	4	1	2
Zinc Chloride	1	1	2
Zinc Salts	1	1	1
Zinc Sulfate	1	1	1

Coupling Gaskets

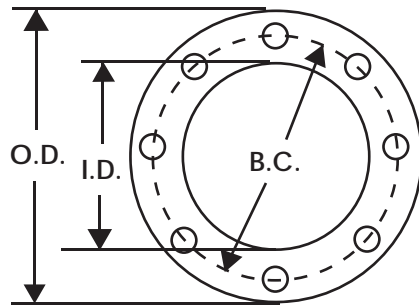


- Black Buna-N
- Green Fluoreseal**
- White Nitril
- EPDM

Description, Part Number & Weight

Nom. Size	Part #	Thickness	I.D.	O.D.	B.C.
2	10137				
	10137V				
	32731				
2 1/2	10403				
	10403V				
	32732				
3	10140				
	10140V				
	10141				
	32733				
4	10139				
	10139V				
	10142				
	32734				
6	21115				
	21115V				
	32735				

Flat (Flange) Gaskets



Non-Asbestos	
Cork	
Cork & Buna-N	
Teflon Envelope	
Buna-N	
Green Fluoreseal	

Description, Part Number & Weight

Nom. Size	Part #	Thickness	I.D.	O.D.	B.C.	Bolt hole Dia	No. Holes
1	10233F	3/32	1 3/8	3 7/16	2 21/32	7/16	4
2	10233A	3/32	2 9/16	4 1/2	3 3/4	7/16	6
	10231A	3/32	2 9/16	4 1/2	3 3/4	7/16	6
	10232A	3/32	2 9/16	4 1/2	3 3/4	7/16	6
	10100A	9/64	2 1/4	4 1/2	3 3/4	7/16	6
	32582	3/32	2 9/16	4 1/2	3 3/4	7/16	6
	32585	3/32	2 9/16	4 1/2	3 3/4	7/16	6
2 1/2	10734	3/32	2 15/16	5	4 1/4	7/16	6
	32583	3/32	2 15/16	5	4 1/4	7/16	6
	32586	3/32	2 15/16	5	4 1/4	7/16	6
3	10233B	3/32	3 11/16	5 5/8	4 7/8	7/16	8
	10231B	3/32	3 11/16	5 5/8	4 7/8	7/16	8
	10232B	3/32	3 11/16	5 5/8	4 7/8	7/16	8
	10100B	9/64	2 1/4	5 5/8	4 7/8	7/16	8
	32491	3/32	3 11/16	5 5/8	4 7/8	7/16	8
	32587	3/32	3 11/16	5 5/8	4 7/8	7/16	8
4	10233C	3/32	4 11/16	6 5/8	5 7/8	7/16	8
	10231C	3/32	4 11/16	6 5/8	5 7/8	7/16	8
	10232C	3/32	4 11/16	6 5/8	5 7/8	7/16	8
	10100C	9/64	4 5/16	6 5/8	5 7/8	7/16	8
	32492	3/32	4 11/16	6 5/8	5 7/8	7/16	8
	32588	3/32	4 11/16	6 5/8	5 7/8	7/16	8
5	15961	3/32	5 9/16	7 3/4	7	7/16	12
	15961CB	3/32	5 9/16	7 3/4	7	7/16	12
6	15587	3/32	6 11/16	9	8 1/8	7/16	12
	10232F	3/32	6 11/16	9	8 1/8	7/16	12
	10100F	9/64	6 7/16	9	8 1/8	7/16	12
	32584	3/32	6 11/16	9	8 1/8	7/16	12
	32589	3/32	6 11/16	9	8 1/8	7/16	12

SPECIFICATIONS

GASKETS

Recommended uses:

1. 100% ETHANOL. (ASME approved)
2. ULSD (Ultra Low Sulfur Diesel)
3. Gasoline Blends with up to 20% Ethanol.
4. Petroleum Oils.
5. Bio-Diesel.
6. Jet Fuels JP3, 4, 5, 6 & 8.
7. Asphalt Liquid Products.
8. Hot Air, Dry Bulk up to 425° F (218.33° C)