

FOOD GRADE PIPING*

TABLE OF CONTENTS

Page

F-1 to F-12	Sanitary Stainless Bevel Seat Fittings
F-13	Sanitary Stainless John Perry Fittings
F-14 to F-23	Sanitary Stainless Clamp Fittings
F-24 to F-28	Sanitary Stainless Buttweld Fittings
F-29 to F-32	Stainless O.D. Buttweld Fittings
F-33 to F-39	Sanitary Stainless Automatic Weld Fittings
F-40 to F-41	Sanitary Stainless Mini Clamp & Weld Fittings
F-42 to F-49	Sanitary Stainless Valves & Miscellaneous Accessories

**All dimensions shown herein are as per the factory data supplied to
Resistaloy Inc. and are subject to change without notice.*

A black and white photograph showing a variety of stainless steel pipe fittings and a wrench. The items are arranged on a dark, textured background. The fittings include a large 90-degree elbow, a T-junction, a small straight pipe, several flanges of different sizes and shapes (including a hexagonal one), and various rings and gaskets. A large, open-end wrench is positioned on the right side of the image. The lighting highlights the metallic sheen and textures of the components.

Bevel Seat Specifications

Materials: 304

316L

Finish: No.7- ID and OD polished

No.5 - OD only polished

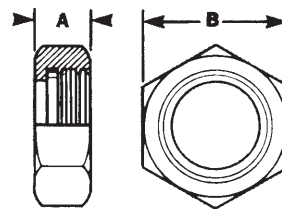
No.3-ID only polished

No.1 - unpolished ID and OD

Sanitary Stainless Bevel Seat Fittings (cont'd)

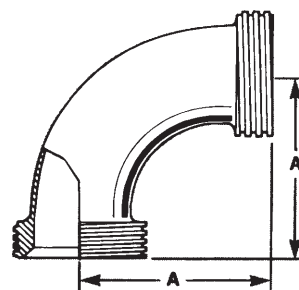
13H - HEX UNION NUT (3A)

SIZE (TUBE O.D.)	A	B
1	$\frac{29}{32}$	$1\frac{13}{16}$
1 $\frac{1}{2}$	$\frac{31}{32}$	$2\frac{13}{32}$
2	$1\frac{1}{16}$	3
2 $\frac{1}{2}$	$1\frac{3}{16}$	$3\frac{19}{32}$
3	$1\frac{9}{32}$	$4\frac{3}{16}$
4	$1\frac{1}{2}$	$5\frac{7}{16}$



2C-90 DEGREE SWEEP ELBOW (3A)

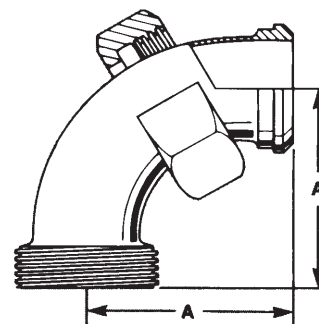
SIZE (TUBE O.D.)	A
1	$2\frac{3}{16}$
1 $\frac{1}{2}$	$2\frac{31}{32}$
2	$3\frac{23}{32}$
2 $\frac{1}{2}$	$4\frac{27}{32}$
3	$5\frac{29}{32}$
4	$8\frac{1}{16}$



2F-90 DEGREE SWEEP ELBOW (3A)

SIZE (TUBE O.D.)	A
1	$2\frac{3}{16}$
1 $\frac{1}{2}$	$2\frac{31}{32}$
2	$3\frac{23}{32}$
2 $\frac{1}{2}$	$4\frac{27}{32}$
3	$5\frac{29}{32}$
4	$8\frac{1}{16}$

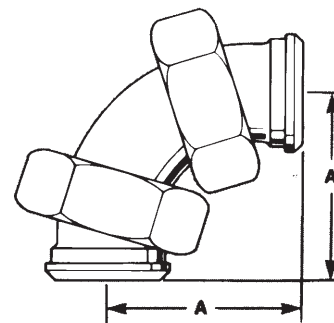
HEX NUT INCLUDED



2E-90 DEGREE SWEEP ELBOW (3A)

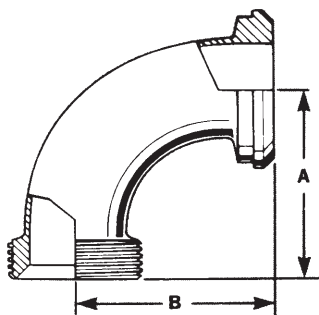
SIZE (TUBE O.D.)	A
1	$2\frac{3}{16}$
1 $\frac{1}{2}$	$2\frac{31}{32}$
2	$3\frac{23}{32}$
2 $\frac{1}{2}$	$4\frac{27}{32}$
3	$5\frac{29}{32}$
4	$8\frac{1}{16}$

HEX NUTS INCLUDED



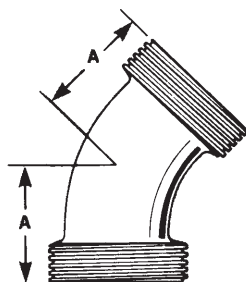
Sanitary Stainless Bevel Seat Fittings (cont'd)

2F-31 90 DEGREE CONCENTRIC REDUCING ELL (3A)



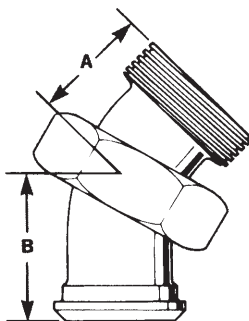
SIZE (TUBE O.D.)	A	B
1 $\frac{1}{2}$ X 1	2 $\frac{3}{16}$	1 $\frac{15}{16}$
2 X 1	2 $\frac{3}{16}$	2 $\frac{1}{16}$
2 X 1 $\frac{1}{2}$	2 $\frac{31}{32}$	2 $\frac{13}{16}$
2 $\frac{1}{2}$ X 1 $\frac{1}{2}$	2 $\frac{31}{32}$	2 $\frac{13}{16}$
2 $\frac{1}{2}$ X 2	3 $\frac{23}{32}$	3 $\frac{9}{16}$
3 X 1 $\frac{1}{2}$	2 $\frac{31}{32}$	2 $\frac{15}{16}$
3 X 2	3 $\frac{23}{32}$	3 $\frac{11}{16}$
3 X 2 $\frac{1}{2}$	4 $\frac{27}{32}$	4 $\frac{7}{16}$
4 X 2 $\frac{1}{2}$	4 $\frac{27}{32}$	4 $\frac{9}{16}$
4 X 3	5 $\frac{29}{32}$	5 $\frac{5}{16}$

2K-45 DEGREE SWEEP EL. (3A)



SIZE (TUBE O.D.)	A
1	1 $\frac{5}{16}$
1 $\frac{1}{2}$	1 $\frac{21}{32}$
2	2 $\frac{1}{8}$
2 $\frac{1}{2}$	2 $\frac{5}{8}$
3	3 $\frac{1}{8}$
4	4 $\frac{1}{4}$

2P-45 DEGREE - SWEEP ELL (3A)



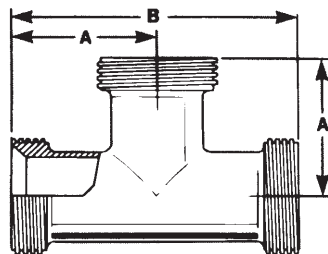
SIZE (TUBE O.D.)	A	B
1	1 $\frac{5}{16}$	2 $\frac{1}{8}$
1 $\frac{1}{2}$	1 $\frac{21}{32}$	2 $\frac{1}{8}$
2	2 $\frac{1}{8}$	2 $\frac{5}{16}$
2 $\frac{1}{2}$	2 $\frac{5}{8}$	2 $\frac{9}{16}$
3	3 $\frac{1}{8}$	2 $\frac{29}{32}$
4	4 $\frac{1}{4}$	3 $\frac{7}{8}$

HEX NUT INCLUDED

Sanitary Stainless Bevel Seat Fittings (cont'd)

7 TEE (3A)

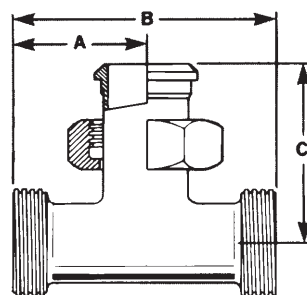
SIZE (TUBE O.D.)	A	B
1	1 ¹³ / ₁₆	3 ⁵ / ₈
1 ½	2 ³ / ₈	4 ³ / ₄
2	2 ²⁵ / ₃₂	5 ⁹ / ₁₆
2 ½	3 ³ / ₁₆	6 ³ / ₈
3	3 ½	7
4	4 ²¹ / ₃₂	9 ⁵ / ₁₆



7A TEE (3A)

SIZE (TUBE O.D.)	A	B	C
1	1 ¹³ / ₁₆	3 ⁵ / ₈	2 ¹¹ / ₁₆
1 ½	2 ³ / ₈	4 ³ / ₄	3 ¹³ / ₃₂
2	2 ²⁵ / ₃₂	5 ⁹ / ₁₆	3 ¹³ / ₁₆
2 ½	3 ³ / ₁₆	6 ³ / ₈	4 ¼
3	3 ½	7	4 ⁵ / ₈
4	4 ²¹ / ₃₂	9 ⁵ / ₁₆	6 ⅛

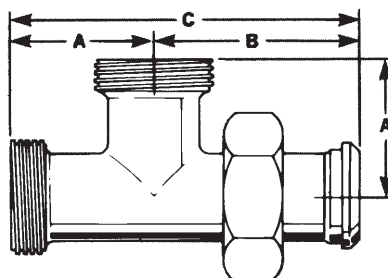
HEX NUT INCLUDED



7B TEE (3A)

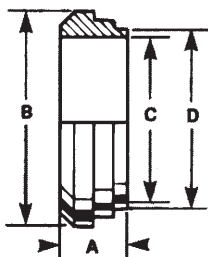
SIZE (TUBE O.D.)	A	B	C
1	1 ¹³ / ₁₆	2 ¹¹ / ₁₆	4 ½
1 ½	2 ³ / ₈	3 ¹³ / ₃₂	5 ²⁵ / ₃₂
2	2 ²⁵ / ₃₂	3 ¹³ / ₁₆	6 ¹⁹ / ₃₂
2 ½	3 ³ / ₁₆	4 ¼	7 ⁷ / ₁₆
3	3 ½	4 ⁵ / ₈	8 ⅛
4	4 ²¹ / ₃₂	6 ⅛	10 ²⁵ / ₃₂

HEX NUT INCLUDED



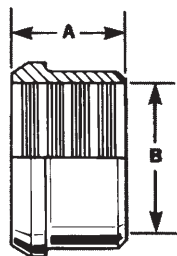
Sanitary Stainless Bevel Seat Fittings (cont'd)

14RW SHORT WELD FERRULE (3A)



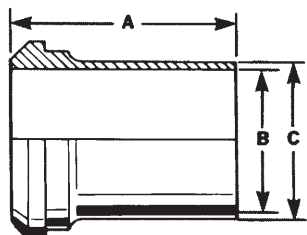
SIZE (TUBE O.D.)	A	B	C	D
1	$1\frac{1}{16}$	$1\frac{5}{16}$	$\frac{55}{64}$	1
1 ½	$\frac{23}{32}$	$1\frac{27}{32}$	$1\frac{23}{64}$	1 ½
2	$\frac{23}{32}$	$2\frac{3}{8}$	$1\frac{55}{64}$	2
2 ½	$\frac{27}{32}$	$2\frac{29}{32}$	$2\frac{23}{64}$	2 ½
3	$\frac{29}{32}$	$3\frac{7}{16}$	$2\frac{55}{64}$	3
4	$1\frac{7}{32}$	$4\frac{1}{2}$	$3\frac{13}{16}$	4

14R - PLAIN RECESSLESS FERRULE (3A) (For Expanding)



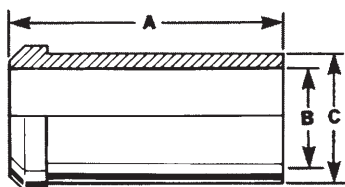
SIZE (TUBE O.D.)	A	B
1	$\frac{3}{4}$	1
1 ½	$1\frac{1}{8}$	1 ½
2	$1\frac{5}{16}$	2
2 ½	$1\frac{3}{8}$	2 ½
3	$1\frac{7}{16}$	3
4	$1\frac{1}{2}$	4

14A - PLAIN TUBE FERRULE (3A)



SIZE (TUBE O.D.)	A	B	C
1	$1\frac{3}{8}$	$\frac{29}{32}$	1
1 ½	$1\frac{1}{2}$	$1\frac{13}{32}$	1 ½
2	$1\frac{1}{2}$	$1\frac{7}{8}$	2
2 ½	$1\frac{3}{4}$	$2\frac{3}{8}$	2 ½
3	$1\frac{3}{4}$	$2\frac{7}{8}$	3
4	$1\frac{3}{4}$	$3\frac{27}{32}$	4

14W - PLAIN FERRULE, TANK SPUD (HEAVY) (3A)

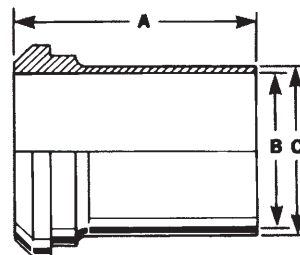


SIZE (TUBE O.D.)	A	B	C
1	2 3/8	.900	1 5/32
1 1/2	2 17/32	1.400	1 43/64
2	2 25/32	1.868	1 3/64
2 1/2	3 1/16	2.368	1 45/64
3	3 17/32	2.868	1 7/32
4	4 5/16	3.832	1 1/4

Sanitary Stainless Bevel Seat Fittings (cont'd)

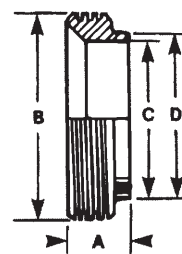
14WL - PLAIN FERRULE, TANK SPUD (LIGHT) (3A)

SIZE (TUBE O.D.)	A	B	C
1	2	$2\frac{9}{32}$	1
1 1/2	2 1/4	$1\frac{13}{32}$	1 1/2
2	2 1/2	$1\frac{7}{8}$	2
2 1/2	2 3/4	$2\frac{3}{8}$	2 1/2
3	3	$2\frac{7}{8}$	3
4	4	$3\frac{27}{32}$	4



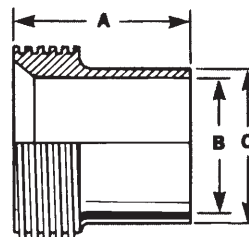
15RW SHORT WELD FERRULE (3A)

SIZE (TUBE O.D.)	A	B	C	D
1	$1\frac{1}{16}$	$1\frac{29}{64}$	$\frac{55}{64}$	1
1 1/2	$\frac{23}{32}$	$1\frac{63}{64}$	$1\frac{23}{64}$	1 1/2
2	$\frac{23}{32}$	$2\frac{33}{64}$	$1\frac{55}{64}$	2
2 1/2	$\frac{27}{32}$	$3\frac{1}{32}$	$2\frac{23}{64}$	2 1/2
3	$\frac{29}{32}$	$3\frac{9}{16}$	$2\frac{55}{64}$	3
4	$1\frac{7}{32}$	$4\frac{43}{64}$	$3\frac{13}{16}$	4



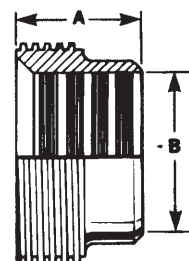
15A THREADED TUBE FERRULE (3A)

SIZE (TUBE O.D.)	A	B	C
1	$1\frac{3}{8}$	$2\frac{9}{32}$	1
1 1/2	$1\frac{1}{2}$	$1\frac{13}{32}$	1 1/2
2	$1\frac{1}{2}$	$1\frac{7}{8}$	2
2 1/2	$1\frac{3}{4}$	$2\frac{3}{8}$	2 1/2
3	$1\frac{3}{4}$	$2\frac{7}{8}$	3
4	$1\frac{3}{4}$	$3\frac{27}{32}$	4



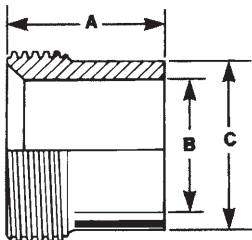
15R - THREADED RECESSLESS FERRULE (3A) (For Expanding)

SIZE (TUBE O.D.)	A	B
1	$\frac{13}{16}$	1
1 1/2	$1\frac{1}{8}$	1 1/2
2	$1\frac{3}{8}$	2
2 1/2	$1\frac{1}{2}$	2 1/2
3	$1\frac{5}{8}$	3
4	$1\frac{5}{8}$	4



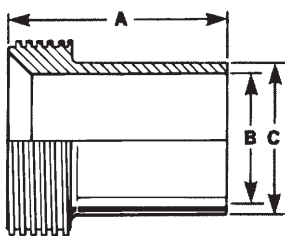
Sanitary Stainless Bevel Seat Fittings (cont'd)

15W - THREADED FERRULE, TANK SPUD (HEAVY) (3A)



SIZE (TUBE O.D.)	A	B	C
1	1 1/2	29/32	1 1/4
1 1/2	1 5/8	1 13/32	1 3/4
2	1 3/4	1 7/8	2 5/16
2 1/2	1 3/4	2 3/8	2 7/8
3	1 13/16	2 7/8	3 3/8
4	2 1/8	3 27/32	4 1/4

15WL - THREADED FERRULE, TANK SPUD (LIGHT) (3A)



SIZE (TUBE O.D.)	A	B	C
1	2	29/32	1
1 1/2	2 1/4	1 13/32	1 1/2
2	2 1/2	1 7/8	2
2 1/2	2 3/4	2 3/8	2 1/2
3	3	2 7/8	3
4	4	3 27/32	4

16A SOLID END CAP (3A)



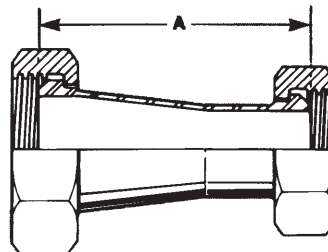
SIZE (TUBE O.D.)	A
1	1 15/16
1 1/2	1 27/32
2	2 3/8
2 1/2	2 29/32
3	3 7/16
4	4 1/2

Sanitary Stainless Bevel Seat Fittings (cont'd)

31-14F - CONVERTING TAPER REDUCER (3A)

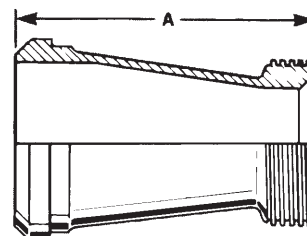
SIZE (TUBE O.D.)	A
1½ x 1	4 ¹¹ / ₃₂
2 x 1	6 ¹ / ₃₂
2 x 1½	4 ⁷ / ₁₆
2½ x 1½	6 ⁹ / ₁₆
2½ x 2	4 ³ / ₄
3 x 2	6 ¹³ / ₁₆
3 x 2½	5 ¹ / ₁₆
4 x 2½	9 ³ / ₈
4 x 3	7 ¹⁷ / ₃₂

HEX NUTS INCLUDED



31-15F - CONCENTRIC TAPER REDUCER (3A)

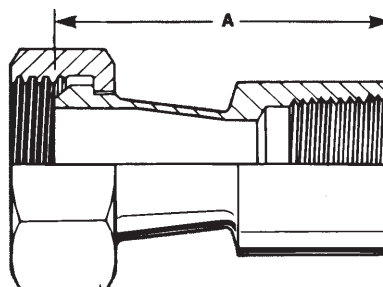
SIZE (TUBE O.D.)	A
1½ x 1	3 ¹³ / ₃₂
2 x 1	5 ¹³ / ₃₂
2 x 1½	3 ⁷ / ₁₆
2½ x 1½	5 ⁹ / ₁₆
2½ x 2	3 ⁹ / ₁₆
3 x 2	5 ⁵ / ₈
3 x 2½	3 ³ / ₄
4 x 2½	8 ¹ / ₁₆
4 x 3	6 ¹ / ₈



31-18F - TAPER REDUCER-ADAPTER

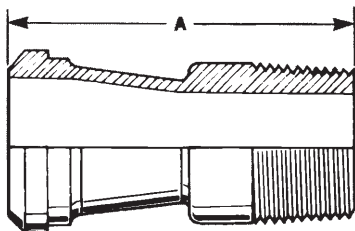
SIZE (TUBE O.D.)	A
1½ x 1	4 ¹ / ₁₆
2 x 1	6 ¹ / ₁₆
2 x 1½	4 ¹ / ₃₂
2½ x 1½	6 ⁵ / ₃₂
2½ x 2*	4 ³ / ₈
3 x 2	6 ⁷ / ₁₆
3 x 2½*	4 ²⁷ / ₃₂
4 x 2½	9 ⁵ / ₃₂
4 x 3	7 ¹³ / ₃₂

*HEX NUT INCLUDED ON THESE SIZES ONLY



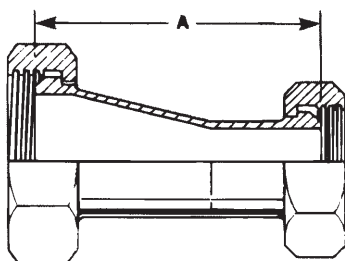
Sanitary Stainless Bevel Seat Fittings (cont'd)

31-19F - TAPER REDUCER-ADAPTER



SIZE (TUBE O.D.)	A
1 1/2 x 1	4 15/32
2 x 1	6 15/32
2 x 1 1/2	4 15/32
2 1/2 x 1 1/2	6 19/32
2 1/2 x 2	4 21/32
3 x 2	6 23/32
3 x 2 1/2	5 7/32
4 x 2 1/2	9 17/32
4 x 3	7 23/32

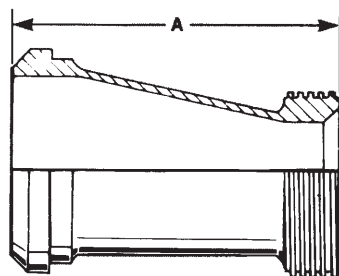
32-14F - ECCENTRIC TAPER REDUCER (3A)



SIZE (TUBE O.D.)	A
1 1/2 x 1	4 11/32
2 x 1	6 11/32
2 x 1 1/2	4 7/16
2 1/2 x 1 1/2	6 9/16
2 1/2 x 2	4 3/4
3 x 2	6 13/16
3 x 2 1/2	5 1/16
4 x 2 1/2	9 3/8
4 x 3	7 17/32

HEX NUTS INCLUDED

32-15F - ECCENTRIC TAPER REDUCER (3A)

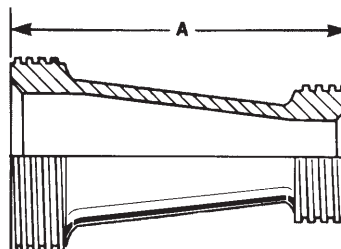


SIZE (TUBE O.D.)	A
1 1/2 x 1	3 13/32
2 x 1	5 13/32
2 x 1 1/2	3 7/16
2 1/2 x 1 1/2	5 9/16
2 1/2 x 2	3 9/16
3 x 2	5 5/8
3 x 2 1/2	3 3/4
4 x 2 1/2	8 1/16
4 x 3	6 1/8

Sanitary Stainless Bevel Seat Fittings (cont'd)

31TT - REDUCER (3A)

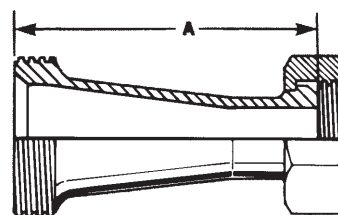
SIZE (TUBE O.D.)	A
1 1/2 x 1	3 13/32
2 x 1	3 25/32
2 x 1 1/2	3 7/16
2 1/2 x 1 1/2	3 29/32
2 1/2 x 2	3 9/16
3 x 2	5 5/8
3 x 2 1/2	5 13/32



31TP - TAPER REDUCER (3A)

SIZE (TUBE O.D.)	A
1 1/2 x 1	4 11/32
2 x 1	4 25/32
2 x 1 1/2	4 7/16
2 1/2 x 1 1/2	4 29/32
2 1/2 x 2	4 3/4
3 x 2	6 13/16
3 x 2 1/2	6 13/32

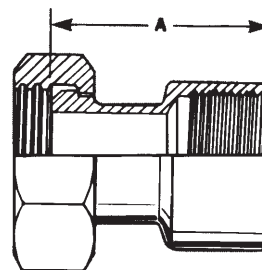
HEX NUT INCLUDED



14-18 ADAPTER (Acme Hex Nut to Female NPT)

SIZE (TUBE O.D.)	A OAL
1	3 1/8
1 1/2	3 1/4
2	3 5/16
2 1/2	4 1/16
3	4 1/4
4	4 5/16

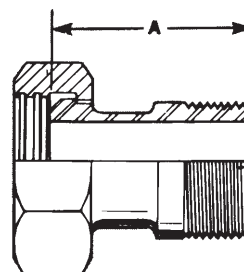
HEX NUT INCLUDED



14-19 ADAPTER (Acme Hex Nut to Male NPT)

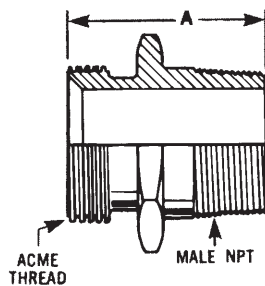
SIZE (TUBE O.D.)	A OAL
1	3 1/8
1 1/2	3 1/4
2	3 5/16
2 1/2	4 1/16
3	4 1/4
4	4 5/16

HEX NUT INCLUDED

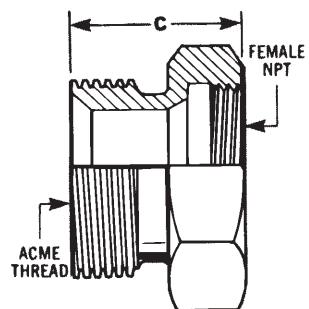


Sanitary Stainless Bevel Seat Fittings (cont'd)

N°21 ADAPTOR



N°22 ADAPTOR

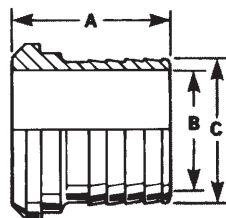


N°21 and N°22 - ADAPTERS

SIZE (TUBE O.D.)	NO. 21 A	NO. 22 C
1 x 3/4	2 3/16	1 5/8
1 x 1	2 1/4	2 1/16
1 x 1 1/2	2 3/8	2 1/2
1 x 2	2 5/8	2 1/2
1 1/2 x 3/4	2 3/16	1 5/8
1 1/2 x 1	2 5/16	1 5/8
1 1/2 x 1 1/4	2 7/16	2 1/2
1 1/2 x 1 1/2	2 7/16	2 1/4
1 1/2 x 2	2 5/8	2 1/2
2 x 1 1/4	2 15/32	1 21/32
2 x 1 1/2	2 15/32	1 21/32
2 x 2	2 21/32	2 11/32
2 x 2 1/2	3 1/8	1 27/32
2 1/2 x 1	2 21/32	1 27/32
2 1/2 x 1 1/2	2 25/32	1 27/32
2 1/2 x 2	2 25/32	1 27/32
2 1/2 x 2 1/2	3 9/32	2 3/32
3 x 3	3 1/2	2 3/16
4 x 4	3 13/16	2 5/8

NOTE: SANITARY SIZE SHOWN FIRST.

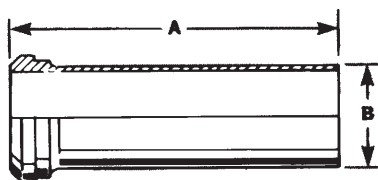
14AHR - RUBBER HOSE ADAPTER



SIZE (TUBE O.D.)	A	B	C
1	1 11/16	1 3/16	1
1 1/2	1 11/16	1 5/16	1 1/2
2	2 5/16	1 13/16	2
2 1/2	2 11/32	2 5/16	2 1/2
3	3 1/2	2 13/16	3
4	4	3 13/16	4

(LONGER LENGTHS AVAILABLE UPON REQUEST.)

14AHT - TYGON HOSE ADAPTER



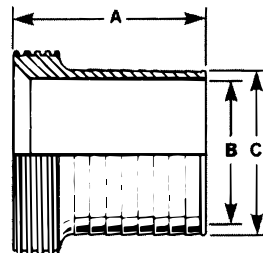
SIZE (TUBE O.D.)	A	B
1	4 11/16	1
1 1/2	4 23/32	1 1/2
2	4 23/32	2
2 1/2	4 27/32	2 1/2
3	4 29/32	3
4	5 7/32	4

Sanitary Stainless Bevel Seat Fittings (cont'd)

15AHR - RUBBER HOSE ADAPTER

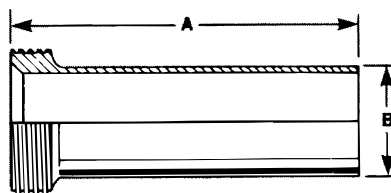
SIZE (TUBE O.D.)	A	B	C
1	1 ¹¹ / ₁₆	¹³ / ₁₆	1
1 ½	1 ¹¹ / ₁₆	1 ⁵ / ₁₆	1 ½
2	2 ⁵ / ₁₆	1 ¹³ / ₁₆	2
2 ½	3	2 ⁵ / ₁₆	2 ½
3	3 ½	2 ¹³ / ₁₆	3
4	4	3 ¹³ / ₁₆	4

(OTHER LENGTHS AVAILABLE UPON REQUEST.)



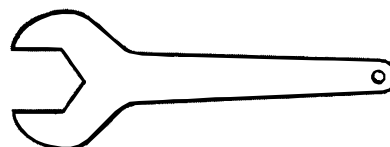
15AHT - TYGON HOSE ADAPTERS

SIZE (TUBE O.D.)	A	B
1	4 ¹¹ / ₁₆	1
1 ½	4 ²³ / ₃₂	1 ½
2	4 ²³ / ₃₂	2
2 ½	4 ²⁷ / ₃₂	2 ½
3	4 ²⁹ / ₃₂	3
4	5 ⁷ / ₃₂	4



25H ALUMINIUM HEX WRENCH - SINGLE END

SIZE
1
1 ½
2
2 ½
3
4

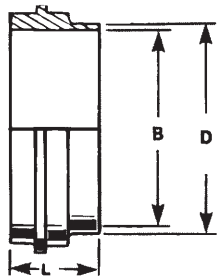


GASKETS FOR STANDARD BEVEL SEAT SANITARY FITTINGS

OEM	RESISTALOY	MATERIAL
40BS-B	B40B	Buna
40BS-E	B40E	EPDM
40BS-BY	B40V	Viton
40BS-T	B40T	Teflon

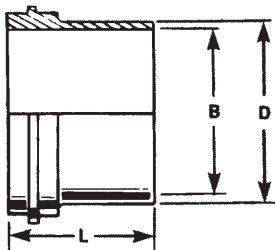


Sanitary Stainless John Perry Fittings



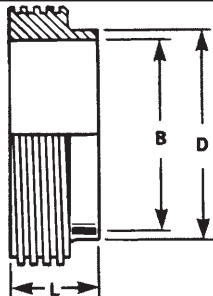
14RWJP SHORT WELD FERRULE - JOHN PERRY (3A)

SIZE (TUBE O.D.)	D	B	L
1	1	.870	$1\frac{1}{16}$
1.5	1.5	1.370	$2\frac{3}{32}$
2.0	2.0	1.870	$2\frac{3}{32}$
2.5	2.5	2.370	$2\frac{7}{32}$
3.0	3.0	2.870	$2\frac{9}{32}$
4.0	4.0	3.834	$1\frac{7}{32}$



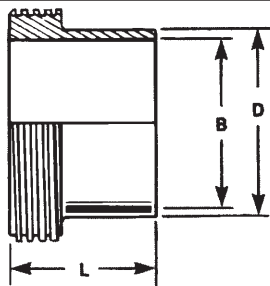
14AJP PLAIN TUBE FERRULE - JOHN PERRY (3A)

SIZE (TUBE O.D.)	D	B	L
1	1	.870	$1\frac{3}{8}$
1.5	1.5	1.370	$1\frac{1}{2}$
2.0	2.0	1.870	$1\frac{1}{2}$
2.5	2.5	2.370	$1\frac{3}{4}$
3.0	3.0	2.870	$1\frac{3}{4}$
4.0	4.0	3.834	$1\frac{3}{4}$



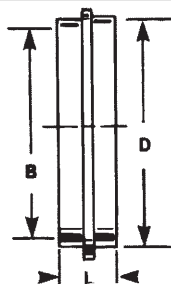
15RWP SHORT WELD FERRULE - JOHN PERRY (3A)

SIZE (TUBE O.D.)	D	B	L
1	1	.870	$1\frac{1}{16}$
1.5	1.5	1.370	$2\frac{3}{32}$
2.0	2.0	1.870	$2\frac{3}{32}$
2.5	2.5	2.370	$2\frac{7}{32}$
3.0	3.0	2.870	$2\frac{9}{32}$
4.0	4.0	3.834	$1\frac{7}{32}$



15AJP THREADED TUBE FERRULE - JOHN PERRY (3A)

SIZE (TUBE O.D.)	D	B	L
1	1	.870	$1\frac{3}{8}$
1.5	1.5	1.370	$1\frac{1}{2}$
2.0	2.0	1.870	$1\frac{1}{2}$
2.5	2.5	2.370	$1\frac{3}{4}$
3.0	3.0	2.870	$1\frac{3}{4}$
4.0	4.0	3.834	$1\frac{3}{4}$



16AJP END CAP - JOHN PERRY (3A)

SIZE (TUBE O.D.)	D	B	L
1	1	1.325	$1\frac{5}{32}$
1.5	1.5	1.856	$3\frac{1}{64}$
2.0	2.0	2.387	$1\frac{7}{32}$
2.5	2.5	2.856	$3\frac{5}{64}$
3.0	3.0	3.387	$3\frac{9}{64}$
4.0	4.0	4.387	$1\frac{1}{16}$

Clamp Fittings



Resistaloy precision crafted Clamp Fittings that provide fast, sanitary and secure connections. Polished fittings are manufactured to FDA and 3A regulatory standards. Special configurations are available upon request.

Clamp Fittings Specifications

Size Range: 1" OD through 12" OD

Materials: 304
316L

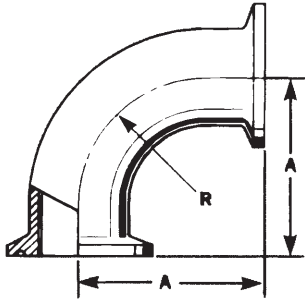
Other materials available upon request

Finish: No.7- ID and OD polished
No.5 - OD only polished
No.3 - ID only polished
No.1 - unpolished ID and OD

Clamp Fittings (cont'd)

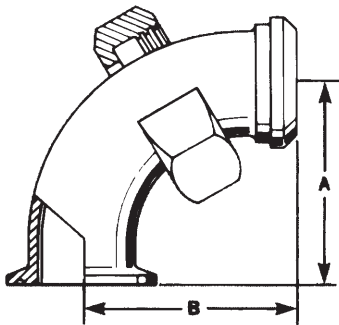
Most items shown on these pages are now available in sizes from 6" to 12".
Dimensions not shown are available upon request.

C2 - 90° ELL (3A)



SIZE (TUBE O.D.)	A	R
1	2	1 1/2
1 1/2	2 3/4	2 1/4
2	3 1/2	3
2 1/2	4 1/4	3 3/4
3	5	4 1/2
4	6 5/8	6

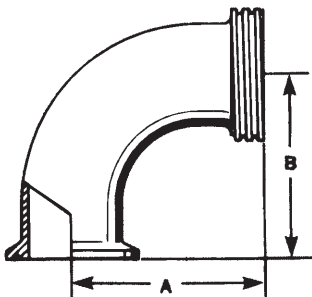
C2-14 - 90° SWEEP ELL (3A)



SIZE (TUBE O.D.)	A	B
1	2	2 3/16
1 1/2	2 3/4	2 31/32
2	3 1/2	3 23/32
2 1/2	4 1/4	4 19/32
3	5	5 13/32
4	6 5/8	7 7/32

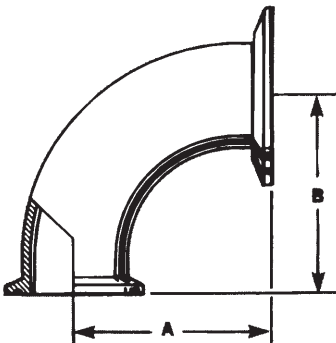
HEX NUT INCLUDED

C2-15 - 90° SWEEP ELL (3A)



SIZE (TUBE O.D.)	A	B
1	2	1 7/8
1 1/2	2 31/32	2 3/4
2	3 23/32	3 1/2
2 1/2	4 19/32	4 1/4
3	5 13/32	5
4	7 7/32	6 5/8

C2-31C - 90° CONCENTRIC REDUCING ELL



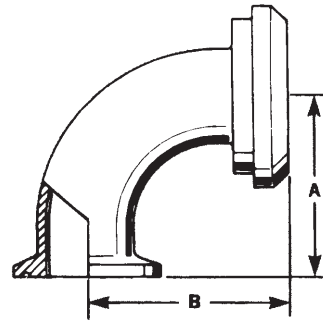
SIZE (TUBE O.D.)	A	B
2 x 1	1 9/16	2
2 x 1 1/2	2 5/16	2 3/4
2 1/2 x 1 1/2	2 5/16	2 3/4
2 1/2 x 2	3 1/16	3 1/2
3 x 1 1/2	2 5/16	2 3/4
3 x 2	3 1/16	3 1/2
3 x 2 1/2	3 13/16	4 1/4
4 x 2 1/2	3 13/16	4 1/4
4 x 3	4 9/16	5

NOTE: 1" CLAMP FITTINGS USE 1 1/2" CLAMPS.

Clamp Fittings (cont'd)

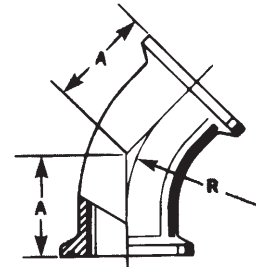
C2-31F - 90° CONCENTRIC REDUCING ELL-NON TAPERED

SIZE (TUBE O.D.)	A	B
2 x 1	2	1 ⁹ / ₁₆
2 x 1 1/2	2 ³ / ₄	2 ⁵ / ₁₆
2 1/2 x 1 1/2	2 ³ / ₄	2 ⁵ / ₁₆
2 1/2 x 2	3 1/2	3 ¹ / ₁₆
3 x 1 1/2	2 ³ / ₄	2 ⁵ / ₁₆
3 x 2	3 1/2	3 ¹ / ₁₆
3 x 2 1/2	4 1/4	3 ¹³ / ₁₆
4 x 2 1/2	4 1/4	3 ¹³ / ₁₆
4 x 3	5	4 ⁹ / ₁₆



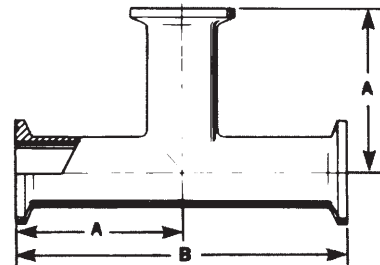
C2C - 45° ELL (3A)

SIZE (TUBE O.D.)	A	R
1	1 ¹ / ₈	1 1/2
1 1/2	1 ⁷ / ₁₆	2 1/4
2	1 ³ / ₄	3
2 1/2	2 ¹ / ₁₆	3 ³ / ₄
3	2 ³ / ₈	4 1/2
4	3 ¹ / ₈	6



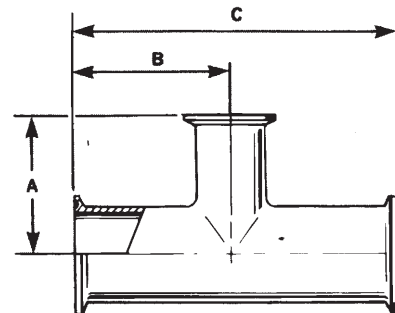
C7 - TEE (3A)

SIZE (TUBE O.D.)	A	B
1	2 ³ / ₈	4 ³ / ₄
1 1/2	2 ³ / ₄	5 1/2
2	3 1/2	7
2 1/2	3 1/2	7
3	3 ³ / ₄	7 1/2
4	4 1/2	9



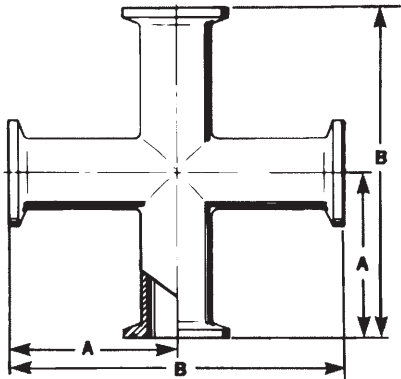
C7R - REDUCING TEE (Reduced Size on Branch)

SIZE (TUBE O.D.)	A	B	C
2 x 1	2 ¹ / ₈	2 ⁹ / ₁₆	5 ¹ / ₈
2 x 1 1/2	2 ¹³ / ₃₂	2 ⁹ / ₁₆	5 ¹ / ₈
2 1/2 x 2	2 ¹³ / ₁₆	2 ²⁷ / ₃₂	5 ¹¹ / ₁₆
3 x 2	3 ¹ / ₁₆	3 ³ / ₃₂	6 ³ / ₁₆
3 x 2 1/2	3 ³ / ₃₂	3 ³ / ₃₂	6 ³ / ₁₆
4 x 2	4 ⁷ / ₈	4 ¹ / ₁₆	8 ¹ / ₈
4 x 2 1/2	4 ⁷ / ₈	4 ¹ / ₁₆	8 ¹ / ₈
4 x 3	4 ⁷ / ₈	4 ¹ / ₁₆	8 ¹ / ₈



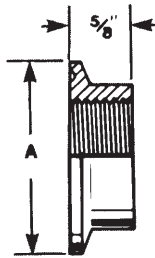
NOTE: 1" CLAMP FITTINGS USE 1 1/2" CLAMPS.

Clamp Fittings (cont'd)



C9 - CROSS (3A)

SIZE (TUBE O.D.)	A	B
1	2 ³ / ₈	4 ³ / ₄
1 1/2	2 ³ / ₄	5 1/2
2	3 1/2	7
2 1/2	3 1/2	7
3	3 ³ / ₄	7 1/2
4	4 1/2	9



C23B - THERMOMETER CAP

SIZE (TUBE O.D.)	A
1	1.984
1 1/2	1.984
2	2.516
2 1/2	3.047
3	3.579
4	4.682

NOTE: 1" TAPPED 1/2" NPT; ALL OTHERS 3/4" NPT



C14-31 - REDUCING FERRULE - CONCENTRIC (3A)

SIZE (TUBE O.D.)	OVERALL LENGTH
1 1/2 x 1	3/4
2 x 1	3/4
2 x 1 1/2	1 1/8
2 1/2 x 1	1 1/8
2 1/2 x 1 1/2	1 1/8
2 1/2 x 2	1 ⁵ / ₁₆
3 x 1	1 ⁵ / ₁₆
3 x 1 1/2	1 ⁵ / ₁₆

SIZE (TUBE O.D.)	OVERALL LENGTH
3 x 2	1 ⁵ / ₁₆
3 x 2 1/2	1 ³ / ₈
4 x 2 1/2	1 ³ / ₈
4 x 3	1 ⁷ / ₁₆



C14R-32 - REDUCING FERRULE - ECCENTRIC (3A)

SIZE (TUBE O.D.)	OVERALL LENGTH
1 1/2 x 1	3/4
2 x 1	3/4
2 x 1 1/2	1 1/8
2 1/2 x 1	1 1/8
2 1/2 x 1 1/2	1 1/8
2 1/2 x 2	1 ⁵ / ₁₆
3 x 1	1 ⁵ / ₁₆
3 x 1 1/2	1 ⁵ / ₁₆

SIZE (TUBE O.D.)	OVERALL LENGTH
3 x 2	1 ⁵ / ₁₆
3 x 2 1/2	1 ³ / ₈
4 x 2 1/2	1 ³ / ₈
4 x 3	1 ⁷ / ₁₆

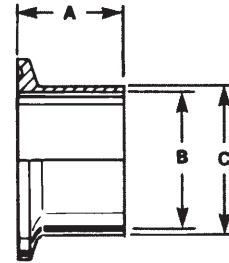
NOTE: 1" CLAMP FITTINGS USE 1 1/2" CLAMPS.

Clamp Fittings (cont'd)

C14A* - BUTT WELDING FERRULE (3A)

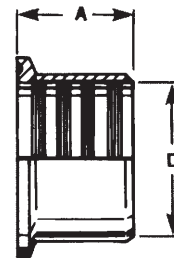
SIZE (TUBE O.D.)	A	B	C
1	1 1/8	.870	1.000
1 1/2	1 1/8	1.370	1.500
2	1 1/8	1.870	2.000
2 1/2	1 1/8	2.370	2.500
3	1 1/8	2.870	3.000
4	1 1/8	3.837	4.000

*ALSO AVAILABLE IN 6" through 12"



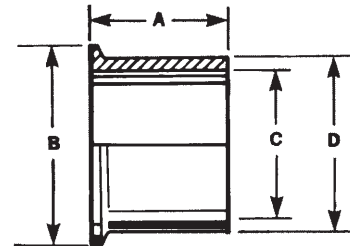
C14R - RECESSLESS FERRULE (3A)

SIZE (TUBE O.D.)	A	D
1	3/4	1
1 1/2	1 1/8	1 1/2
2	1 5/16	2
2 1/2	1 3/8	2 1/2
3	1 7/16	3
4	1 1/2	4



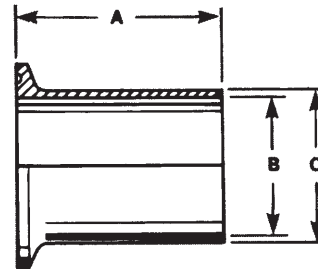
C14W - HEAVY TANK WELDING FERRULE (3A)

SIZE (TUBE O.D.)	A	B	C	D
1	1 5/8	1.984	.900	1.160
1 1/2	1 5/8	1.984	1.400	1.676
2	1 3/4	2.516	1.868	2.192
2 1/2	1 3/4	3.047	2.368	2.708
3	1 13/16	3.579	2.868	3.224
4	2 1/8	4.682	3.832	4.256



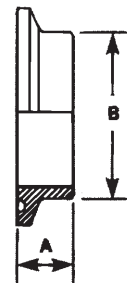
C14WL - TANK WELDING SPUD-LIGHT (3A)

SIZE (TUBE O.D.)	A	B	C
1	3	.900	1.000
1 1/2	3	1.400	1.500
2	3	1.868	2.000
2 1/2	3	2.368	2.500
3	4	2.868	3.000
4	4	3.832	4.000



C14RW - SHORT WELDING FERRULE (3A)

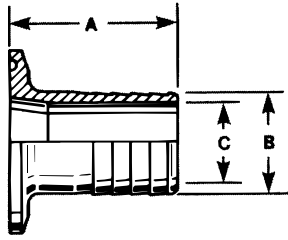
SIZE (TUBE O.D.)	A	B
1	1/2	1.000
1 1/2	1/2	1.500
2	1/2	2.000
2 1/2	1/2	2.500
3	1/2	3.000
4	5/8	4.000
6	3/4	6.000
8	7/8	8.000



NOTE: 1" CLAMP FITTINGS USE 1 1/2" CLAMPS.

Clamp Fittings (cont'd)

C14AHR - RUBBER HOSE ADAPTER

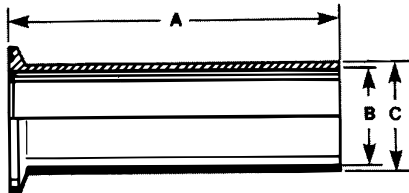


(OTHER LENGTHS AVAILABLE UPON REQUEST.)

SIZE (TUBE O.D.)	A	B	C
1	1 ¹¹ / ₁₆	1.000	.812
1 1/2	1 ¹¹ / ₁₆	1.500	1.312
2	2 ⁵ / ₁₆	2.000	1.810
2 1/2	2 ¹¹ / ₃₂	2.500	2.312
3	3 ³ / ₃₂	3.000	2.834
4	3 ¹³ / ₃₂	4.000	3.834

NOTE: WHEN ORDERING SPECIFY I.D. SIZE OF HOSE BEING USED.

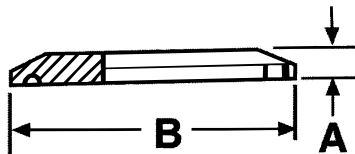
C14AHT - TYGON HOSE ADAPTER



SIZE (TUBE O.D.)	A	B	C
1	4 1/2	.856	1.000
1 1/2	4 1/2	1.356	1.500
2	4 1/2	1.856	2.000
2 1/2	4 1/2	2.356	2.500
3	4 1/2	2.856	3.000
4	4 5/8	3.810	4.000

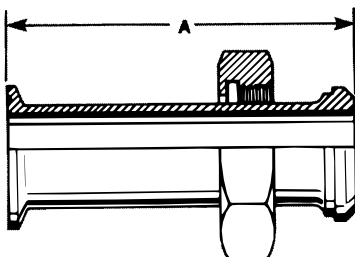
NOTE: WHEN ORDERING SPECIFY I.D. SIZE OF HOSE BEING USED.

C16 - SOLID END CAP (3A)



SIZE (TUBE O.D.)	A	B
1 & 1 1/2	.250	1.9843
2	.250	2.516
2 1/2	.250	3.047
3	.250	3.579
4	.312	4.682
6	.437	6.563
8	.437	8.571
10	.437	10.447
12	.437	12.156

C17-14 - ADAPTER (3A)



SIZE (TUBE O.D.)	A
1	3
1 1/2	3
2	3
2 1/2	3 1/2
3	3 3/4
4	4

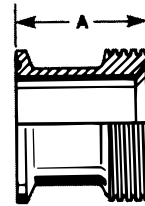
HEX NUT INCLUDED.

NOTE: 1" CLAMP FITTINGS USE 11/2" CLAMPS.

Clamp Fittings (cont'd)

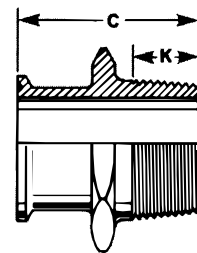
C17-15 - ADAPTER (3A)

SIZE (TUBE O.D.)	A
1	1 11/16
1 1/2	1 23/32
2	1 29/32
2 1/2	1 27/32
3	1 29/32
4	2 11/32

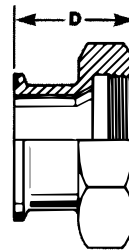


C21 and C22 - ADAPTERS (N.P.T. Pipe Threads)

SIZE (TUBE O.D.)	NO. C21		NO. C22
	C	K	D
1 x 3/4	2 3/16	35/64	1 5/8
1 x 1	2 1/4	1 1/16	1 5/8
1 x 1 1/2	2 7/16	23/32	2 1/4
1 x 2	2 5/8	3/4	2 1/4
1 1/2 x 3/4	2 3/16	35/64	1 5/8
1 1/2 x 1	2 5/16	1 1/16	1 5/8
1 1/2 x 1 1/4	2 7/16	45/64	2 1/4
1 1/2 x 1 1/2	2 7/16	23/32	2 1/4
1 1/2 x 2	2 5/8	3/4	2 1/4
2 x 1 1/4	2 15/32	45/64	1 11/16
2 x 1 1/2	2 15/32	23/32	1 11/16
2 x 2	2 21/32	3/4	2 11/32
2 x 2 1/2	3 1/8	1 9/64	2 13/32
2 1/2 x 1	2 25/32	5/8	1 5/16
2 1/2 x 1 1/2	2 25/32	23/32	1 21/32
2 1/2 x 2	2 25/32	3/4	1 23/32
2 1/2 x 2 1/2	3 9/32	1 9/64	2 3/32
3 x 3	3 1/2	1 13/64	2 3/16
4 x 4	3 13/16	1 19/64	2 5/8



C21
(CLAMP X MALE N.P.T.)

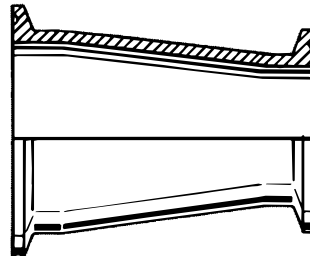


C22
(CLAMP X FEMALE N.P.T.)

C31C - CONCENTRIC REDUCER (3A)

SIZE (TUBE O.D.)	OVERALL LENGTH
1 1/2 x 1	3
2 x 1	5
2 x 1 1/2	3
2 1/2 x 1	7
2 1/2 x 1 1/2	5
2 1/2 x 2	3
3 x 1 1/2	7

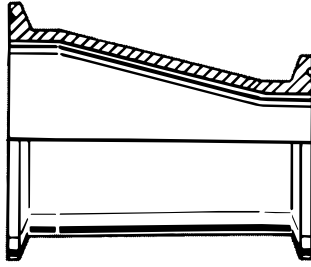
SIZE (TUBE O.D.)	OVERALL LENGTH
3 x 2	5
3 x 2 1/2	3
4 x 2	9 1/8
4 x 2 1/2	7 1/8
4 x 3	5 1/8



NOTE: 1" CLAMP FITTINGS USE 11/2" CLAMPS.

Clamp Fittings (cont'd)

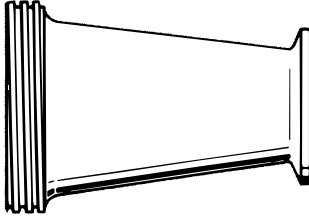
C32C - ECCENRIC REDUCER (3A)



SIZE (TUBE O.D.)	OVERALL LENGTH
1½ x 1	3
2 x 1	5
2 x 1½	3
2½ x 1½	5
2½ x 2	3
3 x 1½	7

SIZE (TUBE O.D.)	OVERALL LENGTH
3 x 2	5
3 x 2½	3
4 x 2	9⅛
4 x 2½	7⅞
4 x 3	5⅞

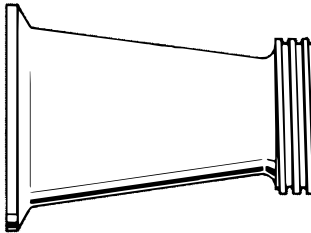
C31TC - ADAPTER-REDUCER-CONCENTRIC (3A)



SIZE (TUBE O.D.)	OVERALL LENGTH
1½ x 1	3⅞
2 x 1	5⅞
2 x 1½	3⅞
2½ x 1½	5⅞
2½ x 2	3⅞

SIZE (TUBE O.D.)	OVERALL LENGTH
3 x 2	5⅞
3 x 2½	3⅞
4 x 2½	7⅞
4 x 3	5⅞

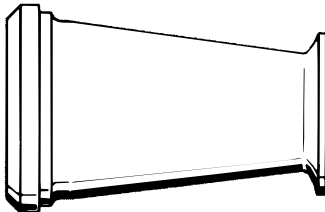
C31CT - ADAPTER-REDUCER-CONCENTRIC (3A)



SIZE (TUBE O.D.)	OVERALL LENGTH
1½ x 1	3⅞
2 x 1	5⅞
2 x 1½	3⅞
2½ x 1½	5⅞
2½ x 2	3⅞

SIZE (TUBE O.D.)	OVERALL LENGTH
3 x 2	5⅞
3 x 2½	3⅞
4 x 2½	7⅞
4 x 3	5⅞

C31PC - ADAPTER-REDUCER-CONCENTRIC (3A)

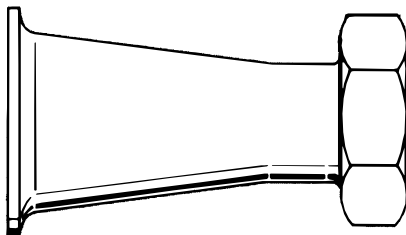


SIZE (TUBE O.D.)	OVERALL LENGTH
* 1½ x 1	3⅞
2 x 1	5⅞
2 x 1½	3⅞
2½ x 1½	5⅞
2½ x 2	3⅞

SIZE (TUBE O.D.)	OVERALL LENGTH
3 x 2	5⅞
3 x 2½	3⅞
4 x 2½	7⅞
4 x 3	5⅞

• HEX NUT INCLUDED IN 1½" x 1" ONLY

C31PC - ADAPTER-REDUCER-CONCENTRIC (3A)



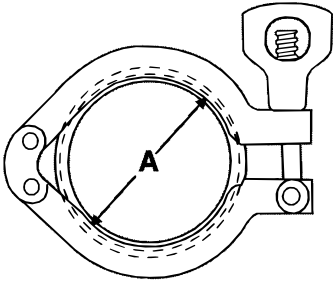
SIZE (TUBE O.D.)	OVERALL LENGTH
1½ x 1	4⅞
2 x 1	6⅞
2 x 1½	4⅞
2½ x 1½	6⅞
2½ x 2	4⅞

SIZE (TUBE O.D.)	OVERALL LENGTH
3 x 2	6⅞
3 x 2½	4⅞
4 x 2½	8⅞
4 x 3	6⅞

HEX NUT INCLUDED.

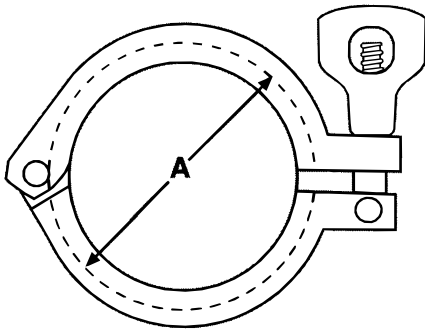
NOTE: 1" CLAMP FITTINGS USE 1½" CLAMPS.

Clamp Fittings (cont'd)



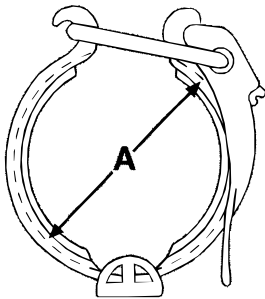
C13HHD - HEAVY DUTY CLAMP
Size Range: 1-11/2" to 10" Tube O.D.

SIZE (TUBE O.D.)	A
1-1 1/2	2.140
2	2.610
2 1/2	3.141
3	3.673
4	4.776
6	6.695
8	8.695
10	10.695



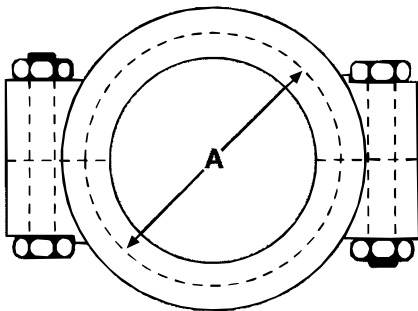
C13HH - HEAVY DUTY CLAMP (STANDARD)
Size Range: 1/2" to 8" Tube O.D.

SIZE (TUBE O.D.)	A
1-1 1/2	2.140
2	2.610
2 1/2	3.141
3	3.673
4	4.776
6	6.695
8	8.695



C13CH - ADJUSTABLE CLAMP
Size Range: 1-11/2" to 4" Tube O.D.

SIZE (TUBE O.D.)	A
1-1 1/2	2.140
2	2.610
2 1/2	3.141
3	3.673
4	4.776



C13MHP* - HIGH PRESSURE CLAMP
Size Range: 1 1/2" to 6" Tube O.D.

SIZE (TUBE O.D.)	A
1-1 1/2	2.046
2	2.578
2 1/2	3.110
3	3.640
4	4.744
6	6.632

*with Aluminium Bronze Nuts

Clamp Gaskets

CLAMP GASKETS (1" O.D. TO 8" O.D.) (3A)



O-RING

C40B	Buna N
C40BW	Buna White
C40S	Silicone
C40E	E.P.D.M.
C40V	SFY Viton
C40T	Teflon



FLANGED (TYPE 2)

C40BF	Buna N
C40SF	Silicone
C40EF	E.P.D.M.
C40VF	Viton

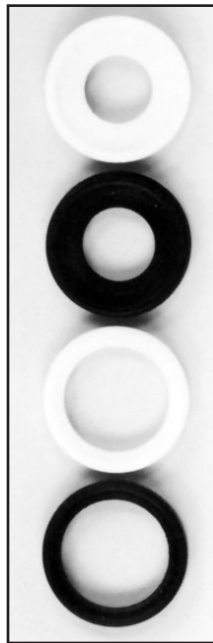
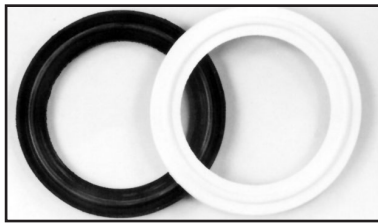


ENVELOPE (TYPE 3)

C40GR	Teflon
-------	--------

ALSO AVAILABLE:

Bevel Seat, I-Clamp
John Perry and many others



FRACTIONAL SIZE GASKETS for CLAMP-TYPE FITTINGS

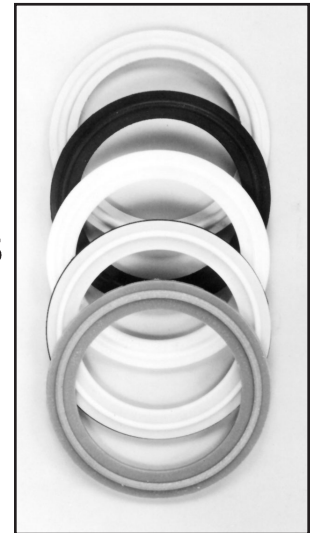
Our line of Clamp Gaskets also includes 1/2" and 3/4" fractional sizes.

OEM #	Material	Resistaloy
42MPUW	Buna-n (Black)	C40BW
42MPU	Buna-N (White)	C40B
42MPSFY	Viton	C40V
42MPE	EPDM	C40E
42MP-X	Silicone	C40S
42MP-G	Teflon	C40T

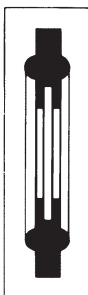
FLANGED GASKETS for CLAMP-TYPE FITTINGS

OEM #	Material
40MPF-U	Buna-N (Black)
40MPF-UW	Buna-N (White)
40MPF-X	Silicone
40MPF-E	EPDM
40MPF-SFY	Viton

Larger sizes are available.



SCREEN & ORIFICE GASKETS



OEM #	Material
40MPSU	Screen Type 316 Stainless Steel
40MPUP	Perforated Screen Type 316 Stainless Steel
40MPSG	Teflon Screen
A80MPU	Buna Orifice Plate Type 316 Stainless Steel
A80MPSFY	Viton Orifice Plate Type

*Other mesh sizes available, #14, #16, #20, #30, #40, #60, #100, #200

SCHEDULE 5 GASKETS



OEM #	Material
40MVU	Buna
40MVSFY	Viton
40MVG	Teflon
40MVGR	Teflon Envelope
40MVX	Silicone
40MVE	EPDM
40MVFU	Flanged Buna
40MVFX	Flanged Silicone
40MVFSFY	Flanged Viton
40MVFE	Flanged EPDM

Sanitary Butt-Weld Fittings



Resistaloy provides a complete range of smooth flow Sanitary Butt-Weld Fittings for all sanitary applications. Special configurations are available upon request.

Butt-Weld Specifications

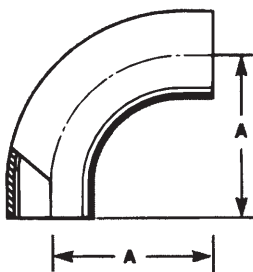
Size Range: 1" OD through 4" OD

Materials: 304
316L

Finish: No.7- ID and OD polished
No.5 - OD only polished
No.3 - ID only polished
No.1 - unpolished ID and OD

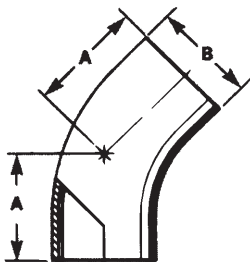
Sanitary Butt-Weld Fittings (cont'd)

S2S - 90° TUBE BEND (3A)



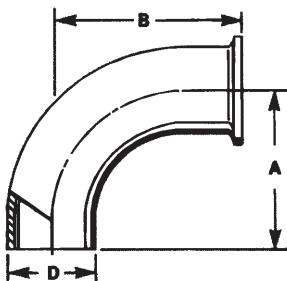
SIZE (TUBE O.D.)	A
1	2 ¹ / ₁₆
1 ½	2 ¹⁵ / ₁₆
2	4 ¹ / ₁₆
2 ½	5 ³ / ₁₆
3	6 ⁷ / ₁₆
4	8 ⁵ / ₁₆

S2CS - 45° TUBE BEND (3A)



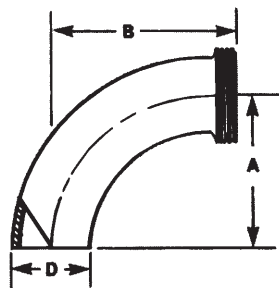
SIZE (TUBE O.D.)	A	B
1	1 ³ / ₁₆	1
1 ½	1 ⁵ / ₈	1 ½
2	2 ⁵ / ₁₆	2
2 ½	3	2 ½
3	3 ¹ / ₁₆	3
4	4 ³ / ₁₆	4

S2CK - 90° SWEEP ELL (3A)



SIZE (TUBE O.D.)	A	B	D
1 ½	2 ¹⁵ / ₁₆	3 ⁷ / ₁₆	1 ½
2	4 ¹ / ₁₆	4 ⁹ / ₁₆	2
2 ½	5 ³ / ₁₆	5 ¹ / ₁₆	2 ½
3	6 ⁷ / ₁₆	6 ³ / ₁₆	3
4	8 ⁵ / ₁₆	8 ¹ / ₁₆	4

S2C - 90° ELL (3A)



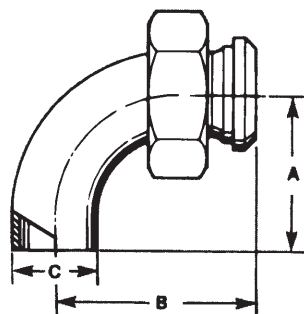
SIZE (TUBE O.D.)	A	B	D
1 ½	2 ¹⁵ / ₁₆	3 ²¹ / ₃₂	1 ½
2	4 ¹ / ₁₆	4 ²⁵ / ₃₂	2
2 ½	5 ³ / ₁₆	6 ¹ / ₃₂	2 ½
3	6 ⁷ / ₁₆	7 ⁷ / ₃₂	3
4	8 ⁵ / ₁₆	9 ¹⁷ / ₃₂	4

Sanitary Butt-Weld Fittings (cont'd)

S2F - 90° SWEEP ELL (3A)

SIZE (TUBE O.D.)	A	B	C
1 1/2	2 15/16	3 21/32	1 1/2
2	4 1/16	4 25/32	2
2 1/2	5 9/16	6 1/32	2 1/2
3	6 5/16	7 7/32	3
4	8 5/16	9 17/32	4

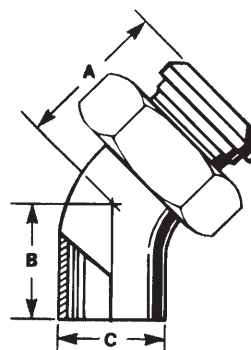
HEX NUT INCLUDED



S2P - 45° SWEEP ELL (3A)

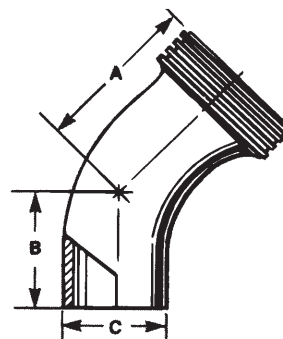
SIZE (TUBE O.D.)	A	B	C
1 1/2	2 11/32	1 5/8	1 1/2
2	3 1/32	2 5/16	2
2 1/2	3 27/32	3	2 1/2
3	4 19/32	3 11/16	3
4	6 1/32	4 13/16	4

HEX NUT INCLUDED



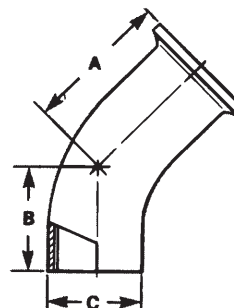
S2C - 45° SWEEP ELL (3A)

SIZE (TUBE O.D.)	A	B	C
1 1/2	2 11/32	1 5/8	1 1/2
2	3 1/32	2 5/16	2
2 1/2	3 27/32	3	2 1/2
3	4 19/32	3 11/16	3
4	6 1/32	4 13/16	4

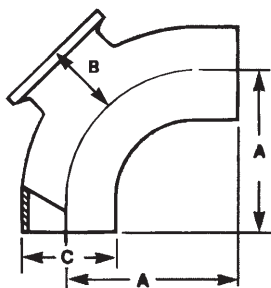


S2CC - 45° SWEEP ELL (3A)

SIZE (TUBE O.D.)	A	B	C
1 1/2	2 1/8	1 5/8	1 1/2
2	2 13/16	2 5/16	2
2 1/2	3 1/2	3	2 1/2
3	4 3/16	3 11/16	3
4	5 7/16	4 13/16	4

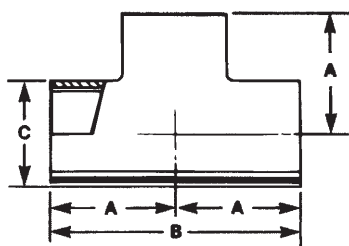


Sanitary Butt-Weld Fittings (cont'd)



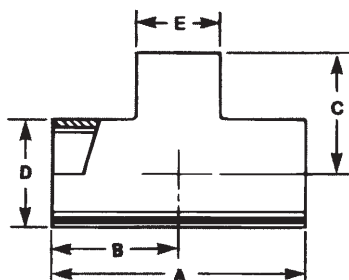
S2CP - 90° INSPECTION ELBOW

SIZE (TUBE O.D.)	A	B	C
1 ½	2 15/16	1 3/8	1 ½
2	4 1/16	1 5/8	2
2 ½	5 3/16	1 7/8	2 ½
3	6 3/16	2 1/8	3
4	8 3/16	2 3/4	4



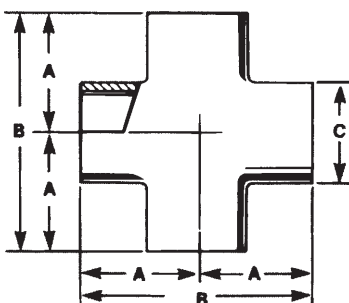
S7WWW - TEE (3A)

SIZE (TUBE O.D.)	A	B	C
1	1 1/8	2 ¼	1
1 ½	1 21/32	3 5/16	1 ½
2	2 1/16	4 1/8	2
2 ½	2 11/32	4 11/16	2 ½
3	2 19/32	5 3/16	3
4	3 7/16	6 7/8	4



S7RWWW - REDUCING TEE (3A)

SIZE (TUBE O.D.)	A	B	C	D	E
1 ½ x 1	3 5/16	1 21/32	1 3/8	1 ½	1
2 x 1 ½	4 1/8	2 1/16	1 29/32	2	1 ½
2 ½ x 2	4 11/16	2 11/32	2 5/16	2 ½	2
3 x 2	5 3/16	2 19/32	2 9/16	3	2
3 x 2 ½	5 3/16	2 19/32	2 19/32	3	2 ½
4 x 2	9 ¼	4 5/8	4 ¼	4	2
4 x 2 ½	9 ¼	4 5/8	4 ¼	4	2 ½
4 x 3	9 ¼	4 5/8	4 ¼	4	3



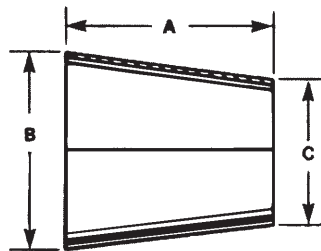
S9WWW - CROSS (3A)

SIZE (TUBE O.D.)	A	B	C
1 ½	1 21/32	3 5/16	1 ½
2	2 1/16	4 1/8	2
2 ½	2 11/32	4 11/16	2 ½
3	2 19/32	5 3/16	3
4	3 7/16	6 7/8	4

Sanitary Butt-Weld Fittings (cont'd)

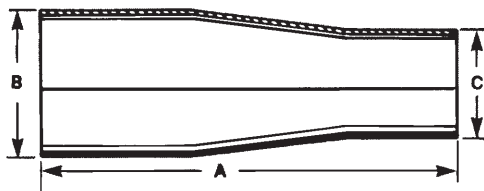
S31 - CONCENTRIC REDUCER (3A)

SIZE (TUBE O.D.)	A	B	C
1½ x 1	2	1½	1
2 x 1½	2	2	1½
2½ x 1½	4	2½	1½
2½ x 2	2	2½	2
3 x 1½	6	3	1½
3 x 2	4	3	2
3 x 2½	2	3	2½
4 x 1½	10	4	1½
4 x 2	8	4	2
4 x 2½	6	4	2½
4 x 3	4	4	3



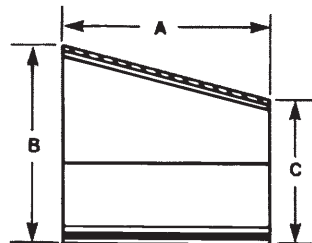
S31E - CONCENTRIC REDUCERS (3A)

SIZE (TUBE O.D.)	A	B	C
1½ x 1	3⅞	1½	1
2 x 1½	3⅞	2	1½
2½ x 1½	6	2½	1½
2½ x 2	4¼	2½	2
3 x 1½	8⅞	3	1½
3 x 2	6⅞	3	2
3 x 2½	4½	3	2½
4 x 1½	12¼	4	1½
4 x 2	10½	4	2
4 x 2½	8⅞	4	2½
4 x 3	6¾	4	3



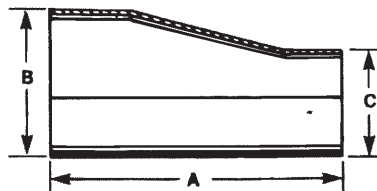
S32 - ECCENTRIC REDUCER (3A)

SIZE (TUBE O.D.)	A	B	C
1½ x 1	2	1½	1
2 x 1½	2	2	1½
2½ x 1½	4	2½	1½
2½ x 2	2	2½	2
3 x 1½	6	3	1½
3 x 2	4	3	2
3 x 2½	2	3	2½
4 x 1½	10	4	1½
4 x 2	8	4	2
4 x 2½	6	4	2½
4 x 3	4	4	3



S32E - ECCENTRIC REDUCER (3A)

SIZE (TUBE O.D.)	A	B	C
1½ x 1	3⅞	1½	1
2 x 1½	3⅞	2	1½
2½ x 1½	6	2½	1½
2½ x 2	4¼	2½	2
3 x 1½	8⅞	3	1½
3 x 2	6⅞	3	2
3 x 2½	4½	3	2½
4 x 1½	12¼	4	1½
4 x 2	10½	4	2
4 x 2½	8⅞	4	2½
4 x 3	6¾	4	3



Tube O.D. Butt-Weld Fittings

Resistaloy provides a complete range of non tangent OD Weld Fittings. Special configurations available upon request.

Tube O.D. Butt-Weld Specifications

Size Range: 1" OD through 12" OD

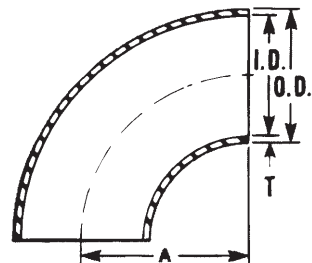
Materials: 304
316L

Finish: No.1 - unpolished
No.7 - polished I.D. and O.D.

Butt-Weld Fittings (cont'd)

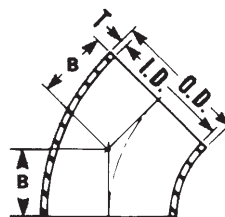
B2WC - L.R. 90° ELL

SIZE (TUBE O.D.)	O.D.	I.D.	T	A
1	1.000	.870	.065	1½
1½	1.500	1.370	.065	2¼
2	2.000	1.870	.065	3
2½	2.500	2.370	.065	3¾
3	3.000	2.870	.065	4½
4	4.000	3.834	.083	6
6	6.000	5.782	.109	9



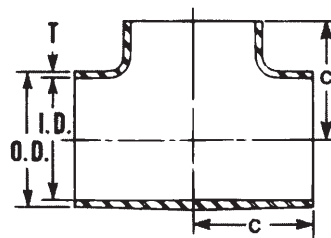
B2WK - L.R. 45° ELL

SIZE (TUBE O.D.)	O.D.	I.D.	T	B
1	1.000	.870	.065	5/8
1½	1.500	1.370	.065	15/16
2	2.000	1.870	.065	1¼
2½	2.500	2.370	.065	19/16
3	3.000	2.870	.065	17/8
4	4.000	3.834	.083	2½
6	6.000	5.782	.109	3¾



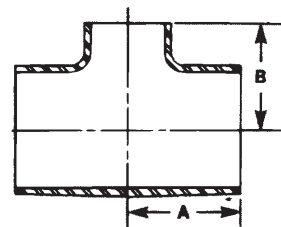
B7W - TEE

SIZE (TUBE O.D.)	O.D.	I.D.	T	C
1	1.000	.870	.065	17/8
1½	1.500	1.370	.065	2¼
2	2.000	1.870	.065	3
2½	2.500	2.370	.065	3
3	3.000	2.870	.065	3¼
4	4.000	3.834	.083	37/8
6	6.000	5.782	.109	5



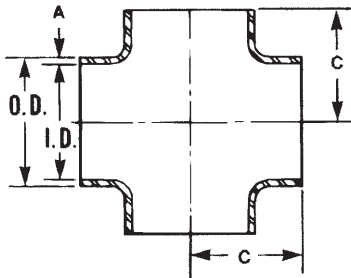
B7WR - REDUCING TEE

SIZE (TUBE O.D.)	A	B
1½ x 1	2¼	2⅝
2 x 1	3	2⅜
2 x 1½	3	2½
2½ x 1½	3	2¾
2½ x 2	3	3¼
3 x 1½	3¼	3
3 x 2	3¼	3½
3 x 2½	3¼	3¼
4 x 2	37/8	4
4 x 2½	37/8	3¾
4 x 3	37/8	3¾
6 x 3	5	4¾
6 x 4	5	47/8



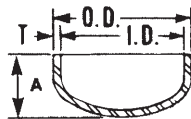
Butt-Weld Fittings (cont'd)

B9W - CROSS



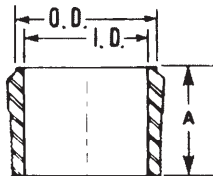
SIZE (TUBE O.D.)	O.D.	I.D.	A	C
1	1.000	.870	.065	1 ⁷ / ₈
1 ¹ / ₂	1.500	1.370	.065	2 ¹ / ₄
2	2.000	1.870	.065	3
2 ¹ / ₂	2.500	2.370	.065	3
3	3.000	2.870	.065	3 ¹ / ₄
4	4.000	3.834	.083	3 ⁷ / ₈
6	6.000	5.782	.109	5

B16W - CAP



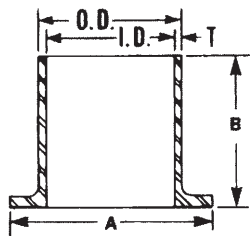
SIZE (TUBE O.D.)	O.D.	I.D.	T	A
1	1.000	.870	.065	³ / ₈
1 ¹ / ₂	1.500	1.370	.065	⁹ / ₁₆
2	2.000	1.870	.065	³ / ₄
2 ¹ / ₂	2.500	2.370	.065	1
3	3.000	2.870	.065	1 ¹ / ₄
4	4.000	3.834	.083	1 ¹ / ₂

B19W - ADAPTER



SIZE (TUBE O.D.)	O.D.	I.D.	A
1	1.000	.870	1 ³ / ₄
1 ¹ / ₂	1.500	1.370	1 ³ / ₄
2	2.000	1.870	1 ¹³ / ₁₆
2 ¹ / ₂	2.500	2.370	2 ⁵ / ₁₆
3	3.000	2.870	2 ¹ / ₂
4	4.000	3.834	2 ⁹ / ₁₆

B14WC - STUB END

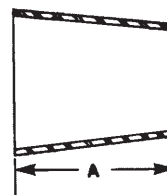


SIZE (TUBE O.D.)	O.D.	I.D.	T	A	B
1	1.000	.870	.065	2	1 ⁵ / ₈
1 ¹ / ₂	1.500	1.370	.065	2 ⁷ / ₈	1 ³ / ₄
2	2.000	1.870	.065	3 ⁵ / ₈	1 ¹ / ₂
2 ¹ / ₂	2.500	2.370	.065	4 ¹ / ₈	2
3	3.000	2.870	.065	5	2 ¹ / ₄
4	4.000	3.834	.083	6 ³ / ₁₆	2 ⁵ / ₈
6	6.000	5.782	.109	8 ¹ / ₂	3

Butt-Weld Fittings (cont'd)

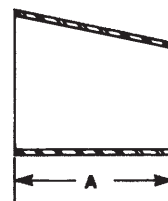
B31W - CONCENTRIC REDUCER

SIZE (TUBE O.D.)	A
1½ x 1	2
2 x 1	4
2 x 1½	2
2½ x 1½	4
2½ x 2	2
3 x 1½	6
3 x 2	4
3 x 2½	2
4 x 2	8
4 x 2½	6
4 x 3	4
6 x 3	6
6 x 4	4



B32W - ECCENTRIC REDUCER

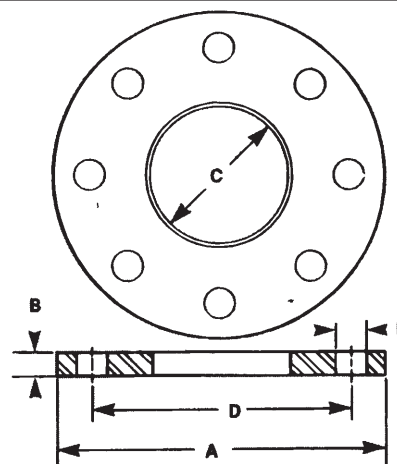
SIZE (TUBE O.D.)	A
1½ x 1	2
2 x 1	4
2 x 1½	2
2½ x 1½	4
2½ x 2	2
3 x 1½	6
3 x 2	4
3 x 2½	2
4 x 2	8
4 x 2½	6
4 x 3	4
6 x 3	6
6 x 4	4



B38BU - BACK-UP FLANGE (304 STAINLESS)

SIZE (TUBE O.D.)	OUTSIDE DIA. A	WALL THICKNESS B	INSIDE DIA. C	BOLT CIRCLE D	NO. & DIA. OF BOLT HOLES E
1	4¼	⅜	1.063	3⅛	4-⅝
1½	5	⅜	1.563	3⅞	4-⅝
2	6	⅞	2.063	4¾	4-¾
2½	7	⅞	2.563	5½	4-¾
3	7½	½	3.063	6	4-¾
4	9	½	4.063	7½	8-¾
6	11	⅞	6.063	9½	8-⅞

ALSO AVAILABLE: B38LWN - O.D. WELDING FLANGE



Long Tangent Fittings

Resistaloy provides long tangent precision crafted automatic weld fittings designed for high speed automatic welding equipment. Automatic weld fittings are available with sanitary finishes to meet pharmaceutical process specifications. Long tangent fittings are manufactured to dimensional specifications per ASTM A270.

Long Tangent Fittings Specifications

Size Range: 1/2" OD through 4" OD

Materials: 316L

Finish: No.3 - 20 RA Mechanical ID only

No.3 EP - 15 RA Mechanical and Electropolish ID only

No.7 - 20 RA Mechanical ID 150 Grit Mechanical OD

No.7 EP - 15 RA Mechanical and Electropolish ID 150 Grit

Mechanical OD

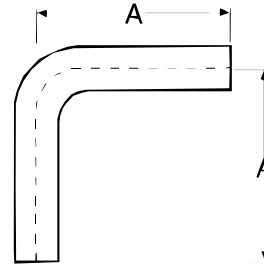
No.1 - unpolished

Special finishes available upon request.

Automatic Weld Fittings (cont'd)

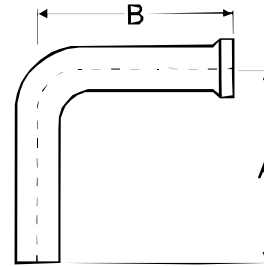
S2SAW - 90° ELL

SIZE (TUBE O.D.)	A
$\frac{1}{2}$	3
$\frac{3}{4}$	3
1	3
$1\frac{1}{2}$	$4\frac{1}{2}$
2	$5\frac{3}{4}$
$2\frac{1}{2}$	$5\frac{1}{2}$
3	$6\frac{1}{4}$
4	8



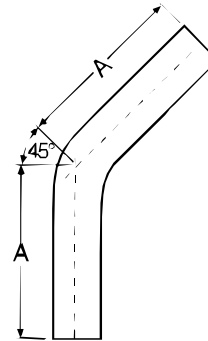
S2CKAW - 90° ELL

SIZE (TUBE O.D.)	A	B
$\frac{1}{2}$	3	$3\frac{1}{2}$
$\frac{3}{4}$	3	$3\frac{1}{2}$
1	3	$3\frac{1}{2}$
$1\frac{1}{2}$	$4\frac{1}{2}$	5
2	$5\frac{3}{4}$	$6\frac{1}{4}$
$2\frac{1}{2}$	$5\frac{1}{2}$	6
3	$6\frac{1}{4}$	$6\frac{3}{4}$
4	8	$8\frac{5}{8}$



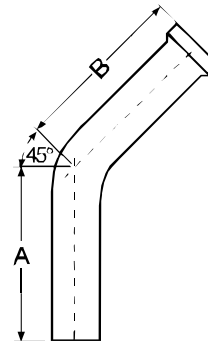
S2CSAW - 45° ELL

SIZE (TUBE O.D.)	A
$\frac{1}{2}$	$2\frac{1}{4}$
$\frac{3}{4}$	$2\frac{1}{4}$
1	$2\frac{1}{4}$
$1\frac{1}{2}$	3
2	$3\frac{1}{4}$
$2\frac{1}{2}$	$3\frac{3}{8}$
3	$3\frac{5}{8}$
4	$4\frac{1}{2}$



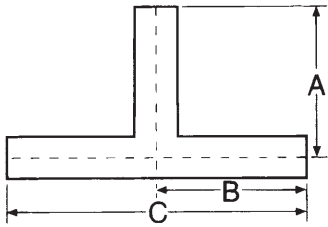
S2CCAW - 45° ELL

SIZE (TUBE O.D.)	A	B
$\frac{1}{2}$	$2\frac{1}{4}$	$2\frac{3}{4}$
$\frac{3}{4}$	$2\frac{1}{4}$	$2\frac{3}{4}$
1	$2\frac{1}{4}$	$2\frac{3}{4}$
$1\frac{1}{2}$	3	$3\frac{1}{2}$
2	$3\frac{1}{4}$	$3\frac{3}{4}$
$2\frac{1}{2}$	$3\frac{3}{8}$	$3\frac{7}{8}$
3	$3\frac{5}{8}$	$4\frac{1}{8}$
4	$4\frac{1}{2}$	$5\frac{1}{8}$



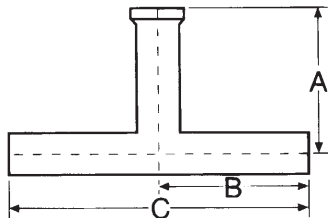
Automatic Weld Fittings (cont'd)

S7WWAW - TEE



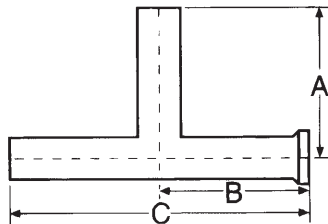
SIZE (TUBE O.D.)	A	B	C
$\frac{1}{2}$	$2\frac{1}{8}$	$2\frac{1}{8}$	$4\frac{1}{4}$
$\frac{3}{4}$	$2\frac{1}{8}$	$2\frac{1}{8}$	$4\frac{1}{4}$
1	$2\frac{1}{8}$	$2\frac{1}{8}$	$4\frac{1}{4}$
$1\frac{1}{2}$	$2\frac{3}{8}$	$2\frac{3}{8}$	$4\frac{3}{4}$
2	$3\frac{1}{8}$	$3\frac{1}{8}$	$6\frac{1}{4}$
$2\frac{1}{2}$	$3\frac{1}{8}$	$3\frac{1}{8}$	$6\frac{1}{4}$
3	$3\frac{3}{8}$	$3\frac{3}{8}$	$6\frac{3}{4}$
4	$4\frac{1}{8}$	$4\frac{1}{8}$	$8\frac{1}{4}$

S7WWKAW - TEE



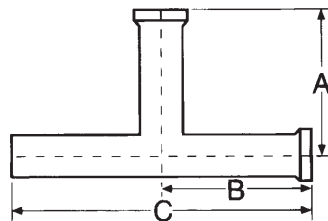
SIZE (TUBE O.D.)	A	B	C
$\frac{1}{2}$	$2\frac{5}{8}$	$2\frac{1}{8}$	$4\frac{1}{4}$
$\frac{3}{4}$	$2\frac{5}{8}$	$2\frac{1}{8}$	$4\frac{1}{4}$
1	$2\frac{5}{8}$	$2\frac{1}{8}$	$4\frac{1}{4}$
$1\frac{1}{2}$	$2\frac{7}{8}$	$2\frac{3}{8}$	$4\frac{3}{4}$
2	$3\frac{5}{8}$	$3\frac{1}{8}$	$6\frac{1}{4}$
$2\frac{1}{2}$	$3\frac{5}{8}$	$3\frac{1}{8}$	$6\frac{1}{4}$
3	$3\frac{7}{8}$	$3\frac{3}{8}$	$6\frac{3}{4}$
4	$4\frac{3}{4}$	$4\frac{1}{8}$	$8\frac{1}{4}$

S7WKWA7 - TEE



SIZE (TUBE O.D.)	A	B	C
$\frac{1}{2}$	$2\frac{1}{8}$	$2\frac{5}{8}$	$4\frac{3}{4}$
$\frac{3}{4}$	$2\frac{1}{8}$	$2\frac{5}{8}$	$4\frac{3}{4}$
1	$2\frac{1}{8}$	$2\frac{5}{8}$	$4\frac{3}{4}$
$1\frac{1}{2}$	$2\frac{3}{8}$	$2\frac{7}{8}$	$5\frac{1}{4}$
2	$3\frac{1}{8}$	$3\frac{5}{8}$	$6\frac{3}{4}$
$2\frac{1}{2}$	$3\frac{1}{8}$	$3\frac{5}{8}$	$6\frac{3}{4}$
3	$3\frac{3}{8}$	$3\frac{7}{8}$	$7\frac{1}{4}$
4	$4\frac{1}{8}$	$4\frac{3}{4}$	$8\frac{7}{8}$

S7WKKAW - TEE

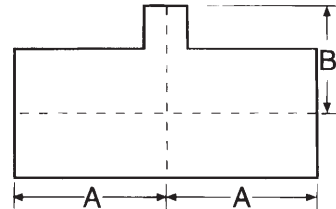


SIZE (TUBE O.D.)	A	B	C
$\frac{1}{2}$	$2\frac{5}{8}$	$2\frac{5}{8}$	$4\frac{3}{4}$
$\frac{3}{4}$	$2\frac{5}{8}$	$2\frac{5}{8}$	$4\frac{3}{4}$
1	$2\frac{5}{8}$	$2\frac{5}{8}$	$4\frac{3}{4}$
$1\frac{1}{2}$	$2\frac{7}{8}$	$2\frac{7}{8}$	$5\frac{1}{4}$
2	$3\frac{5}{8}$	$3\frac{5}{8}$	$6\frac{3}{4}$
$2\frac{1}{2}$	$3\frac{5}{8}$	$3\frac{5}{8}$	$6\frac{3}{4}$
3	$3\frac{7}{8}$	$3\frac{7}{8}$	$7\frac{1}{4}$
4	$4\frac{3}{4}$	$4\frac{3}{4}$	$8\frac{7}{8}$

Automatic Weld Fittings (cont'd)

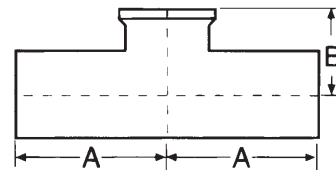
S7RWWAW - REDUCING TEE

SIZE	A	B
$\frac{3}{4} \times \frac{1}{2}$	$2\frac{1}{8}$	$2\frac{1}{8}$
$1 \times \frac{1}{2}$	$2\frac{1}{8}$	$2\frac{1}{8}$
$1 \times \frac{3}{4}$	$2\frac{1}{8}$	$2\frac{1}{8}$
$1\frac{1}{2} \times \frac{1}{2}$	$2\frac{3}{8}$	$2\frac{3}{8}$
$1\frac{1}{2} \times \frac{3}{4}$	$2\frac{3}{8}$	$2\frac{3}{8}$
$1\frac{1}{2} \times 1$	$2\frac{3}{8}$	$2\frac{1}{2}$
$2 \times \frac{1}{2}$	$3\frac{1}{8}$	$2\frac{3}{4}$
2×1	$3\frac{1}{8}$	$2\frac{3}{4}$
$2 \times 1\frac{1}{2}$	$3\frac{1}{8}$	$2\frac{3}{4}$
$2\frac{1}{2} \times 1\frac{1}{2}$	$3\frac{3}{8}$	3
$2\frac{1}{2} \times 2$	$3\frac{3}{8}$	$3\frac{1}{2}$
$3 \times \frac{1}{2}$	$3\frac{3}{8}$	$3\frac{1}{8}$
3×2	$3\frac{5}{8}$	$3\frac{3}{4}$
$3 \times 2\frac{1}{2}$	$3\frac{5}{8}$	$3\frac{3}{4}$
4×2	$4\frac{5}{8}$	$4\frac{1}{4}$
$4 \times 2\frac{1}{2}$	$4\frac{5}{8}$	$4\frac{1}{4}$
4×3	$4\frac{5}{8}$	$4\frac{1}{4}$



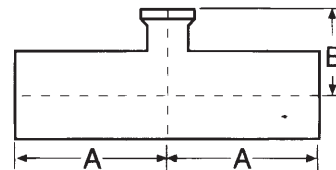
S7WWKSAW - SHORT OUTLET TEE

SIZE (TUBE O.D.)	A	B
$\frac{1}{2}$	$2\frac{1}{8}$	1
$\frac{3}{4}$	$2\frac{1}{8}$	$1\frac{1}{8}$
1	$2\frac{1}{8}$	$1\frac{1}{8}$
$1\frac{1}{2}$	$2\frac{3}{8}$	$1\frac{3}{8}$
2	$3\frac{1}{8}$	$1\frac{5}{8}$
$2\frac{1}{2}$	$3\frac{1}{8}$	$1\frac{7}{8}$
3	$3\frac{3}{8}$	$2\frac{1}{8}$
4	$4\frac{1}{8}$	$2\frac{3}{4}$



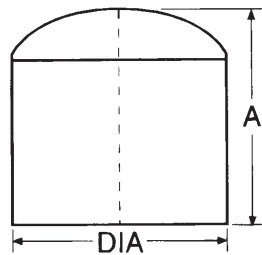
S7RWWKSAW - REDUCING SHORT OUTLET TEE

SIZE	A	B
$\frac{3}{4} \times \frac{1}{2}$	$2\frac{1}{8}$	1
$1 \times \frac{1}{2}$	$2\frac{1}{8}$	$1\frac{1}{8}$
$1 \times \frac{3}{4}$	$2\frac{1}{8}$	$1\frac{1}{8}$
$1\frac{1}{2} \times \frac{1}{2}$	$2\frac{3}{8}$	$1\frac{3}{8}$
$1\frac{1}{2} \times \frac{3}{4}$	$2\frac{3}{8}$	$1\frac{3}{8}$



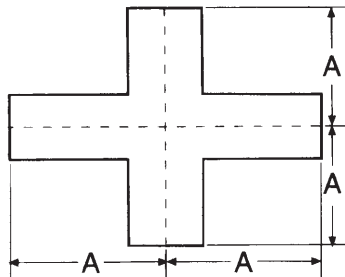
Automatic Weld Fittings (cont'd)

S16WAW - CAP



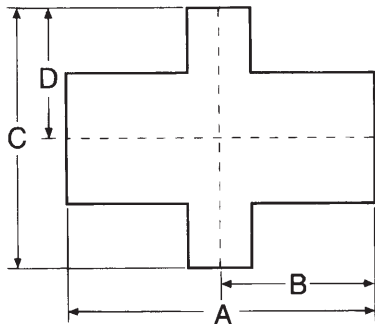
SIZE (TUBE O.D.)	A
$\frac{1}{2}$	$1\frac{1}{2}$
$\frac{3}{4}$	$1\frac{1}{2}$
1	$1\frac{1}{2}$
$1\frac{1}{2}$	$2\frac{1}{16}$
2	$2\frac{1}{4}$
$2\frac{1}{2}$	$2\frac{1}{2}$
3	$2\frac{3}{4}$
4	3

S9WWAW - CROSS



SIZE (TUBE O.D.)	A
$\frac{1}{2}$	$2\frac{1}{8}$
$\frac{3}{4}$	$2\frac{1}{8}$
1	$2\frac{1}{8}$
$1\frac{1}{2}$	$2\frac{3}{8}$
2	$3\frac{1}{8}$
$2\frac{1}{2}$	$3\frac{1}{8}$
3	$3\frac{3}{8}$
4	$4\frac{1}{8}$

S9RWWAW - REDUCING CROSS

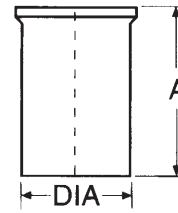


SIZE (TUBE O.D.)	A	B	C	D
$\frac{3}{4} \times \frac{1}{2}$	$4\frac{1}{4}$	$2\frac{1}{8}$	$4\frac{1}{4}$	$2\frac{1}{8}$
$1 \times \frac{1}{2}$	$4\frac{1}{4}$	$2\frac{1}{8}$	$4\frac{1}{4}$	$2\frac{1}{8}$
$1 \times \frac{3}{4}$	$4\frac{1}{4}$	$2\frac{1}{8}$	$4\frac{1}{4}$	$2\frac{1}{8}$
$1\frac{1}{2} \times \frac{1}{2}$	$4\frac{3}{4}$	$2\frac{3}{8}$	$4\frac{3}{4}$	$2\frac{3}{8}$
$1\frac{1}{2} \times \frac{3}{4}$	$4\frac{3}{4}$	$2\frac{3}{8}$	$4\frac{3}{4}$	$2\frac{3}{8}$
$1\frac{1}{2} \times 1$	$4\frac{3}{4}$	$2\frac{3}{8}$	5	$2\frac{1}{2}$
$2 \times \frac{1}{2}$	$6\frac{1}{4}$	$3\frac{1}{8}$	$5\frac{1}{2}$	$2\frac{3}{4}$
$2 \times \frac{3}{4}$	$6\frac{1}{4}$	$3\frac{1}{8}$	$5\frac{1}{2}$	$2\frac{3}{4}$
2×1	$6\frac{1}{4}$	$3\frac{1}{8}$	$5\frac{1}{2}$	$2\frac{3}{4}$
$2 \times 1\frac{1}{2}$	$6\frac{1}{4}$	$3\frac{1}{8}$	$5\frac{1}{2}$	$2\frac{3}{4}$
$2\frac{1}{2} \times 1$	$6\frac{1}{4}$	$3\frac{1}{8}$	$5\frac{3}{4}$	$2\frac{7}{8}$
$2\frac{1}{2} \times 1\frac{1}{2}$	$6\frac{1}{4}$	$3\frac{1}{8}$	$5\frac{3}{4}$	$2\frac{7}{8}$
$2\frac{1}{2} \times 2$	$6\frac{1}{4}$	$3\frac{1}{8}$	$6\frac{1}{4}$	$3\frac{1}{8}$
3×1	$6\frac{3}{4}$	$3\frac{3}{8}$	$6\frac{1}{4}$	$3\frac{1}{8}$
$3 \times 1\frac{1}{2}$	$6\frac{3}{4}$	$3\frac{3}{8}$	$6\frac{1}{4}$	$3\frac{1}{8}$
3×2	$6\frac{3}{4}$	$3\frac{3}{8}$	$6\frac{3}{4}$	$3\frac{3}{8}$
$3 \times 2\frac{1}{2}$	$6\frac{3}{4}$	$3\frac{3}{8}$	$6\frac{3}{4}$	$3\frac{3}{8}$
4×1	$8\frac{1}{4}$	$4\frac{1}{8}$	$7\frac{1}{4}$	$3\frac{5}{8}$
$4 \times 1\frac{1}{2}$	$8\frac{1}{4}$	$4\frac{1}{8}$	$7\frac{1}{4}$	$3\frac{5}{8}$
4×2	$8\frac{1}{4}$	$4\frac{1}{8}$	$7\frac{3}{4}$	$3\frac{7}{8}$
$4 \times 2\frac{1}{2}$	$8\frac{1}{4}$	$4\frac{1}{8}$	$7\frac{3}{4}$	$3\frac{7}{8}$
4×3	$8\frac{1}{4}$	$4\frac{1}{8}$	$7\frac{3}{4}$	$3\frac{7}{8}$

Automatic Weld Fittings (cont'd)

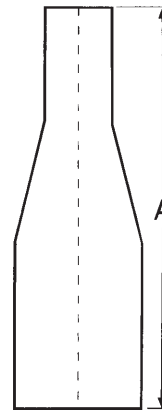
C14A7AW - FERRULE

SIZE (TUBE O.D.)	A
$\frac{1}{2}$	$1\frac{3}{4}$
$\frac{3}{4}$	$1\frac{3}{4}$
1	$1\frac{3}{4}$
$1\frac{1}{2}$	$1\frac{3}{4}$
2	$2\frac{1}{4}$
$2\frac{1}{2}$	$2\frac{1}{4}$
3	$2\frac{1}{4}$
4	$2\frac{1}{4}$



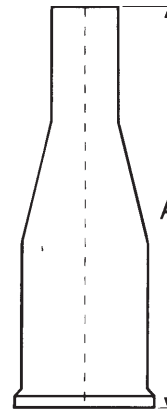
S31AW - CONCENTRIC REDUCER

SIZE	A
$\frac{3}{4} \times \frac{1}{2}$	4
$1 \times \frac{1}{2}$	$4\frac{1}{2}$
$1 \times \frac{3}{4}$	4
$1\frac{1}{2} \times \frac{1}{2}$	$5\frac{1}{2}$
$1\frac{1}{2} \times \frac{3}{4}$	5
$1\frac{1}{2} \times 1$	5
2×1	$7\frac{1}{4}$
$2 \times 1\frac{1}{2}$	$5\frac{1}{4}$
$2\frac{1}{2} \times 1\frac{1}{2}$	$7\frac{1}{4}$
$2\frac{1}{2} \times 2$	$5\frac{1}{2}$
3×2	$7\frac{1}{2}$
$3 \times 2\frac{1}{2}$	$5\frac{1}{2}$
4×2	$11\frac{3}{4}$
$4 \times 2\frac{1}{2}$	$9\frac{3}{4}$
4×3	$7\frac{3}{4}$



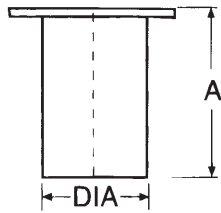
S31CAW - CONCENTRIC REDUCER

SIZE	A
$\frac{3}{4} \times \frac{1}{2}$	3
$1 \times \frac{1}{2}$	$3\frac{1}{2}$
$1 \times \frac{3}{4}$	3
$1\frac{1}{2} \times \frac{1}{2}$	$4\frac{1}{2}$
$1\frac{1}{2} \times \frac{3}{4}$	4
$1\frac{1}{2} \times 1$	4
$2 \times 1\frac{1}{2}$	$3\frac{5}{16}$
$2\frac{1}{2} \times 1\frac{1}{2}$	$5\frac{5}{16}$
$2\frac{1}{2} \times 2$	$3\frac{9}{16}$
3×2	$5\frac{9}{16}$
$3 \times 2\frac{1}{2}$	$3\frac{11}{16}$
4×2	$9\frac{11}{16}$
$4 \times 2\frac{1}{2}$	$7\frac{13}{16}$
4×3	$5\frac{15}{16}$



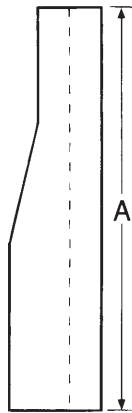
Automatic Weld Fittings (cont'd)

B14WCAW - STUB END



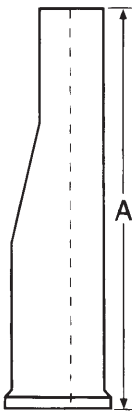
SIZE (TUBE O.D.)	A
$\frac{1}{2}$	2
$\frac{3}{4}$	2
1	$2\frac{3}{4}$
$1\frac{1}{2}$	$2\frac{3}{4}$
2	$2\frac{3}{4}$
$2\frac{1}{2}$	$2\frac{3}{4}$
3	$2\frac{3}{4}$
4	$2\frac{3}{4}$

S32AW - ECCENTRIC REDUCER



SIZE	A
$\frac{3}{4} \times \frac{1}{2}$	4
$1 \times \frac{1}{2}$	$4\frac{1}{2}$
$1 \times \frac{3}{4}$	4
$1\frac{1}{2} \times \frac{1}{2}$	$5\frac{1}{2}$
$1\frac{1}{2} \times \frac{3}{4}$	5
$1\frac{1}{2} \times 1$	5
$2 \times 1\frac{1}{2}$	$5\frac{1}{4}$
$2\frac{1}{2} \times 1\frac{1}{2}$	$7\frac{1}{4}$
$2\frac{1}{2} \times 2$	$5\frac{1}{2}$
3×2	$7\frac{1}{2}$
$3 \times 2\frac{1}{2}$	$5\frac{1}{2}$
4×2	$11\frac{3}{4}$
$4 \times 2\frac{1}{2}$	$9\frac{3}{4}$
4×3	$7\frac{3}{4}$

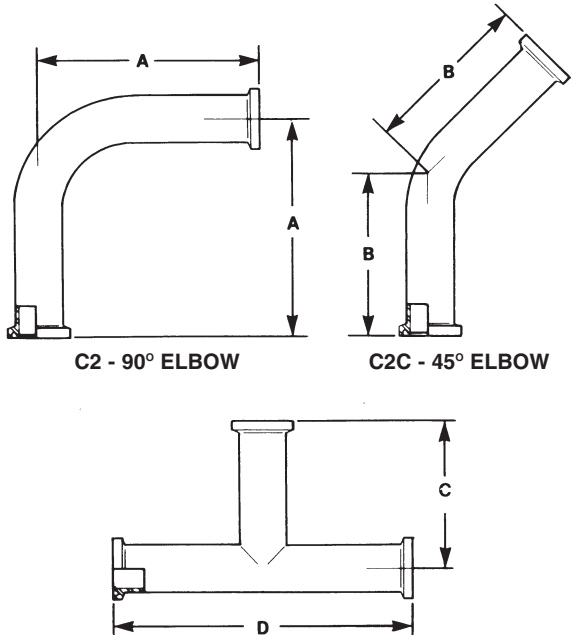
S32CAW - ECCENTRIC REDUCER



SIZE	A
$\frac{3}{4} \times \frac{1}{2}$	3
$1 \times \frac{1}{2}$	$3\frac{1}{2}$
$1 \times \frac{3}{4}$	3
$1\frac{1}{2} \times \frac{1}{2}$	$4\frac{1}{2}$
$1\frac{1}{2} \times \frac{3}{4}$	4
$1\frac{1}{2} \times 1$	4
$2 \times 1\frac{1}{2}$	$3\frac{5}{16}$
$2\frac{1}{2} \times 1\frac{1}{2}$	$5\frac{5}{16}$
$2\frac{1}{2} \times 2$	$3\frac{9}{16}$
3×2	$5\frac{9}{16}$
$3 \times 2\frac{1}{2}$	$3\frac{11}{16}$
4×2	$9\frac{11}{16}$
$4 \times 2\frac{1}{2}$	$7\frac{13}{16}$
4×3	$5\frac{15}{16}$

Mini Clamp Type Fittings

Resistaloy provides mini clamp type fittings for the biotechnology, pharmaceutical, electronics and cosmetic industries. Produced of type 316L stainless steel, the units are available in several finishes, including electropolish.

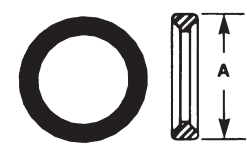


C2 - 90° ELBOW **C2C - 45° ELBOW**

C7 - TEE

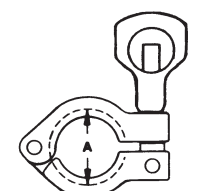
SIZE (TUBE O.D.)	C2	C2C	C7	
	A	B	C	D
1/2	3 1/2	2 3/4	2 5/8	5 1/4
3/4	3 1/2	2 3/4	2 5/8	5 1/4

C40 - GASKET



SIZE (TUBE O.D.)	A
1/2"	.859
3/4	.859

C13HH - HEAVY DUTY CLAMP

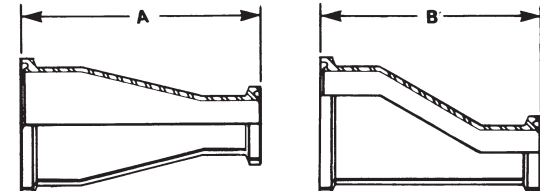


SIZE (TUBE O.D.)	A
1/2	1 1/8
3/4	1 1/8



C16 END CAP **C14RW & C14A WELD FERRULES**

OUTSIDE DIA. (TUBE O.D.)	C16 A	C14RW B	C14A B
1/2	.187	1/2	1 1/2
3/4	.187	1/2	1 1/2

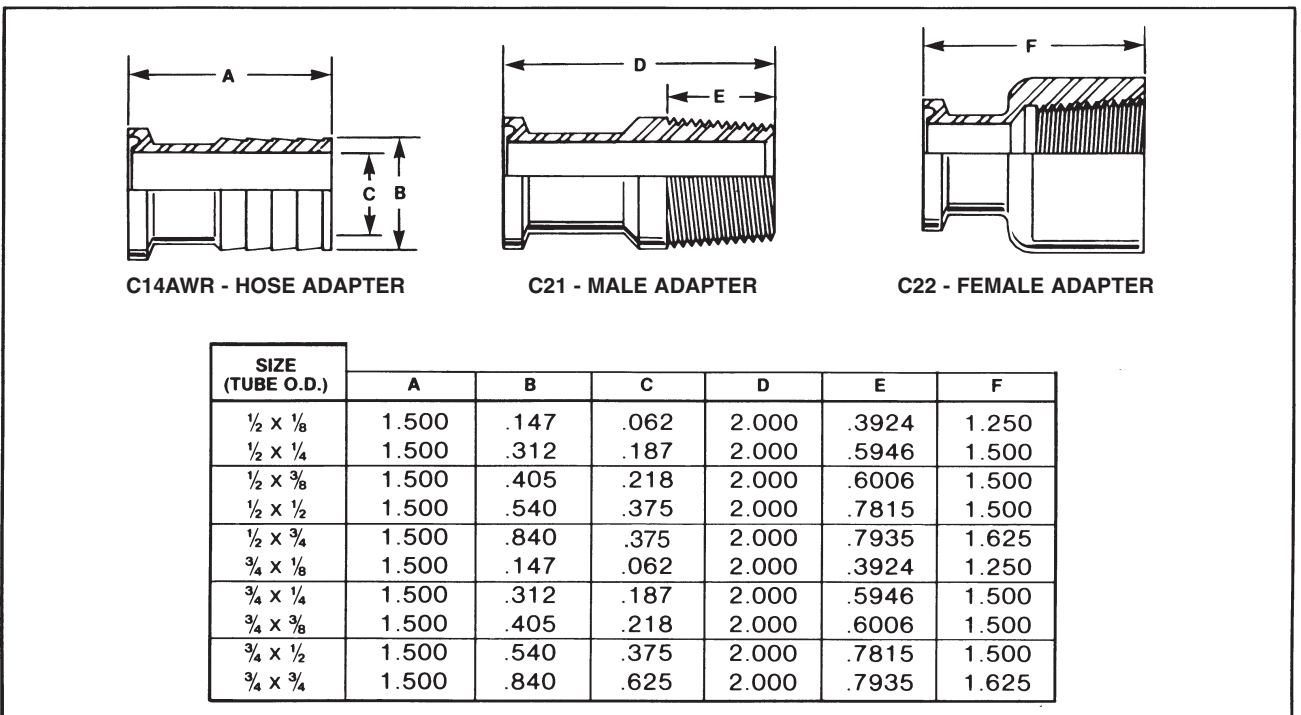
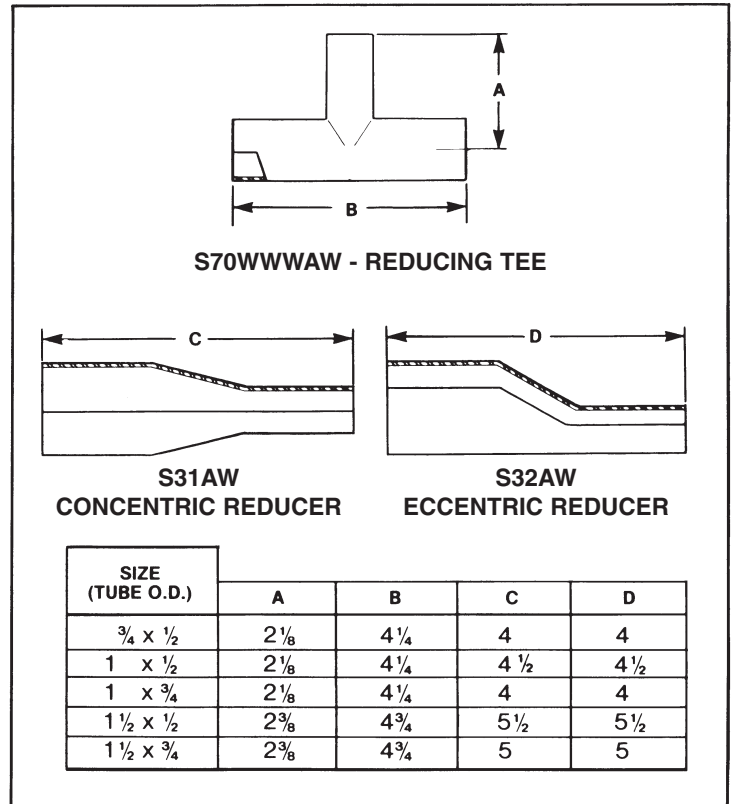
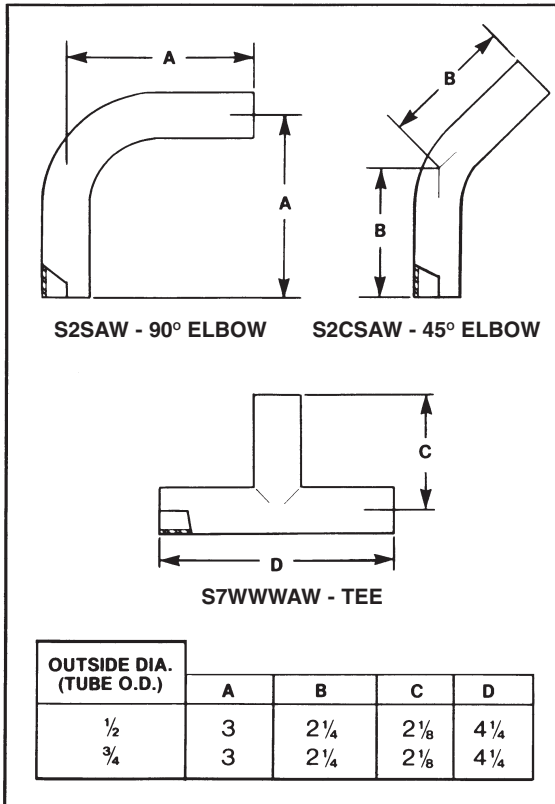


C31C CONCENTRIC REDUCER **C32C ECCENTRIC REDUCER**

SIZE (TUBE O.D.)	C31C	C32C
	A	B
3/4 x 1/2	2	2
1 x 1/2	2 1/2	2 1/2
1 x 3/4	2	2
1 1/2 x 1/2	3 1/2	3 1/2
1 1/2 x 3/4	3	3

Mini Automatic Weld Fittings

Resistaloy provides mini weld fittings for the latest fully automatic welding equipment. Available in many finishes. Special configurations upon request. Available in 316L Stainless.

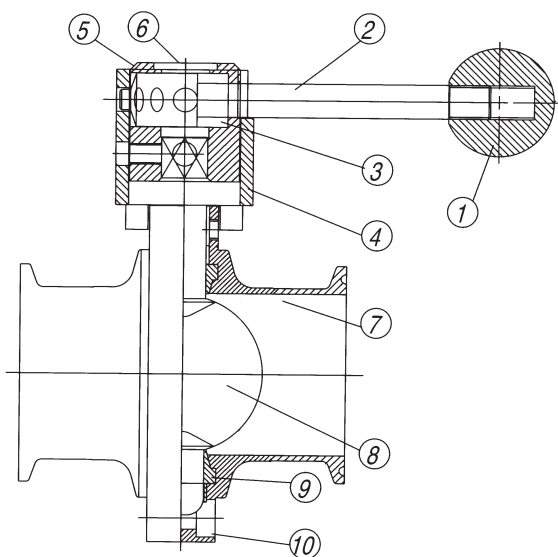


RAM-BALL C51CC Sanitary Butterfly Valves

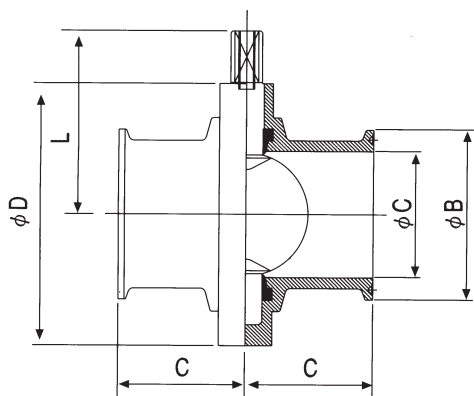


FEATURES:

4 POSITION PULL-LOCK HANDLE
180 DEGREE REVERSIBLE MOUNT
CLAMP CONNECTIONS STANDARD
OTHER CONNECTIONS ON REQUEST
AIR OR ELECTRIC OPERATORS AVAILABLE
ATTRACTIVE, FULLY MACHINED FINISH
TIGHT SHUTOFF TO 150 PSIG.



NO.	PART NO.
1	PLASTIC KNOB
2	ST 304
3	STAINLESS SPRING
4	ST 304 BONNET
5	ST 304 HOLDER
6	PLASTIC CAP
7	ST 304 OR 316 BODY
8	ST 304 OR 316 DISC
9	EPDM SEAT (STANDARD)
10	ST 304 SCREW



3A Clamp / Clamp Butterfly Valves

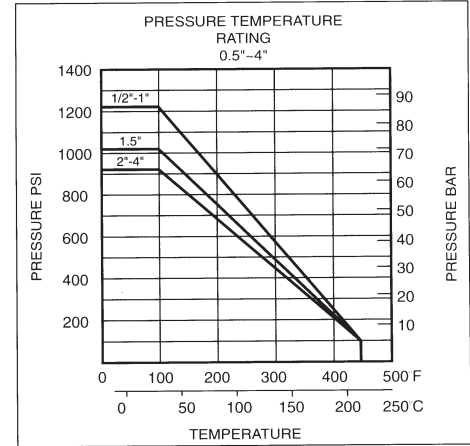
Size	A	B	C	D	L
1.0"	22.2	50.5	44.5	79	61
1.5"	34.9	50.5	44.5	85	64.3
2.0"	47.6	64.0	47.6	105	74.3
2.5"	60.3	77.5	48.4	112	77.6
3.0"	73.0	91.0	51.5	125	84.3
4.0"	97.6	119.0	51.5	157	101.6

NEW!

NOW STOCKED IN SIZES UP TO 6"

RAM-BALL 3006C Sanitary, Cavity Filled

3 PIECE BALL VALVES ISO MOUNTING PAD

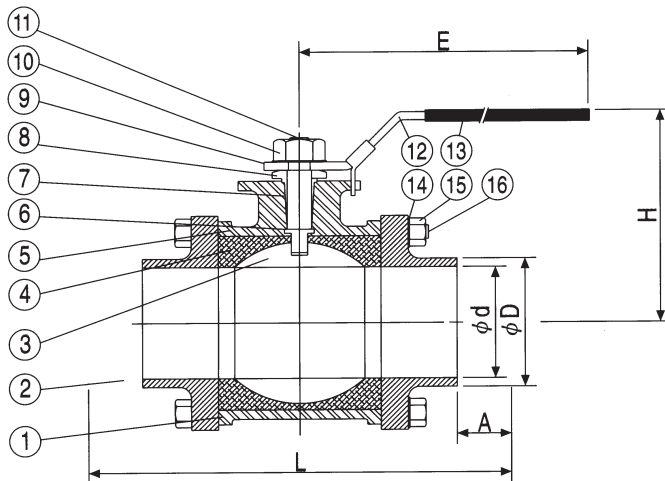


FEATURES:

LOCKING HANDLE STANDARD
STOCKED IN CLAMP ENDS
OTHER END CONNECTIONS AVAILABLE
1000 LBS W.O.G. WORKING PRESSURE
AIR OR ELECTRIC OPERATORS AVAILABLE

Size of Clamp & Weld End

Size	ϕD	ϕd	A	L	H	E
0.5"	12.7	9.5	20	89	52	100
3/4"	19.1	15.9	20	101	57	131
1"	25.4	22.2	20	114	60	131
1.5"	38.2	35.0	20	140	90	187
2"	50.8	47.6	20	156	102	187
2.5"	63.4	60.2	20	197	140	260
3"	76.2	73.0	20	229	155	260
4"	101.6	97.4	20	241	180	290



NO.	PARTS NAME	MATERIAL
1	Body	316
2	Cap	316
3	Ball	316
4	Seat	TEFLON
5	Body Seat	TEFLON
6	Thrust Washer	TEFLON
7	Stem Packing	TEFLON
8	Gland Nut	304
9	Stem	304
10	Stem Nut	304
11	Stem	304
12	Handle	304
13	Plastic Cover	Plastic
14	Bolt Washer	304
15	Nut	304
16	Bolt	304

ALSO AVAILABLE IN MULTI-PORT CONFIGURATIONS

NOTE: DIMENSIONS ARE SUBJECT TO CHANGE DEPENDING ON MANUFACTURER.

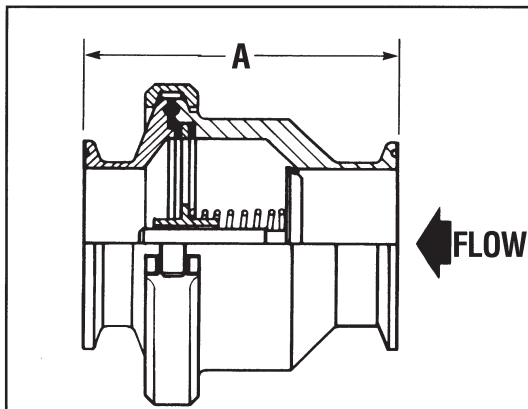
Concentric Check Valves



C45H - CHECK VALVE (3A) (DISC TYPE)

Concentric Check Valve Features

- Operating pressure to 150 psi
- Temperature to 225°F maximum
- Constructed with clamp type ends. Other ends available
- Available in 304 & 316
- Available with soft seat upon request



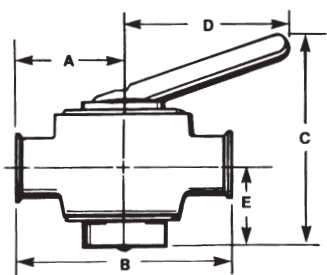
Note: Horizontal valve as shown. Remove spring to convert to vertical valve.

SIZE	A
1	4.00"
1 1/2	4.00"
2	4.00"
2 1/2	4.00"
3	4.00"
4	5.85"
6	8.00"

NOTE: DIMENSIONS ARE SUBJECT TO CHANGE DEPENDING ON MANUFACTURER.

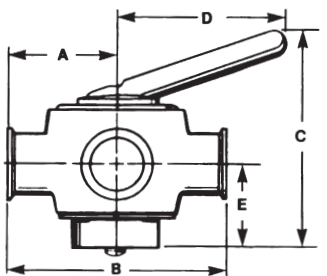
3A Plug Valves

C10C - 2-WAY PLUG VALVE CLAMP



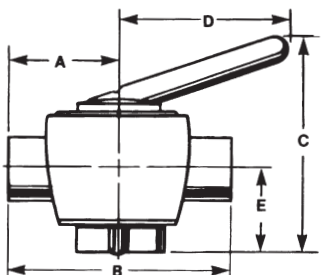
Size (Tube O.D.)	A	B	C	D	E
1	2 9/16	4 9/16	5 1/16	4 39/64	2 19/64
1 1/2	2 29/32	5 13/16	6 7/16	5 5/8	2 13/32
2	3 13/32	6 13/16	7 1/16	5 43/64	2 27/32
2 1/2	4 1/8	8 1/4	8 51/64	5 59/64	3 25/64
3	4 23/32	9 7/16	9 1/2	7 7/8	3 9/16

C11C - 3-WAY PLUG VALVE CLAMP



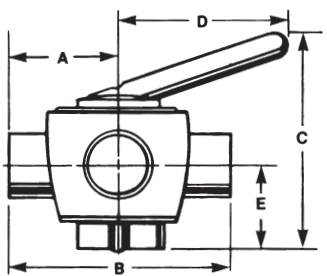
Size (Tube O.D.)	A	B	C	D	E
1	2 9/16	4 9/16	5 1/16	4 39/64	2 19/64
1 1/2	2 29/32	5 13/16	6 7/16	5 5/8	2 13/32
2	3 13/32	6 13/16	7 1/16	5 43/64	2 27/32
2 1/2	4 1/8	8 1/4	8 51/64	5 59/64	3 25/64
3	4 23/32	9 7/16	9 1/2	7 7/8	3 9/16

C10W - 2-WAY PLUG VALVE BUTT-WELD



Size (Tube O.D.)	A	B	C	D	E
1	3 5/8	7 1/4	5 1/16	4 39/64	2 19/64
1 1/2	2 29/32	7 13/16	6 7/16	5 5/8	2 13/32
2	4 13/32	8 13/16	7 1/64	5 43/64	2 27/32
2 1/2	5 1/8	10 1/4	8 51/64	5 59/64	3 25/64
3	5 23/32	11 7/16	9 1/2	7 1/8	3 9/16

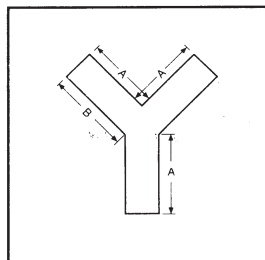
C11W - 3-WAY PLUG VALVE BUTT-WELD



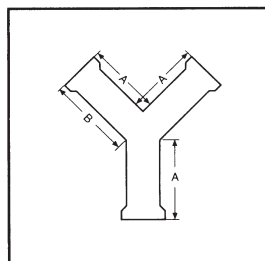
Size (Tube O.D.)	A	B	C	D	E
1	3 5/8	7 1/4	5 1/16	4 39/64	2 19/64
1 1/2	2 29/32	7 13/16	6 7/16	5 5/8	2 13/32
2	4 13/32	8 13/16	7 1/16	5 43/64	2 27/32
2 1/2	5 1/8	10 1/4	8 51/64	5 59/64	3 25/64
3	5 23/32	11 7/16	9 1/2	7 1/8	3 9/16

NOTE: ADD "R" FOR RUBBER PLUG.

Miscellaneous Fittings



B28Y TRUE "Y" 90° - WELD		
SIZE (TUBE O.D.)	A	B
1 1/2	2	2 7/16
2	2 5/8	3 1/4
2 1/2	3 3/8	4 1/8
3	4	4 7/8
4	5 3/8	6 9/16



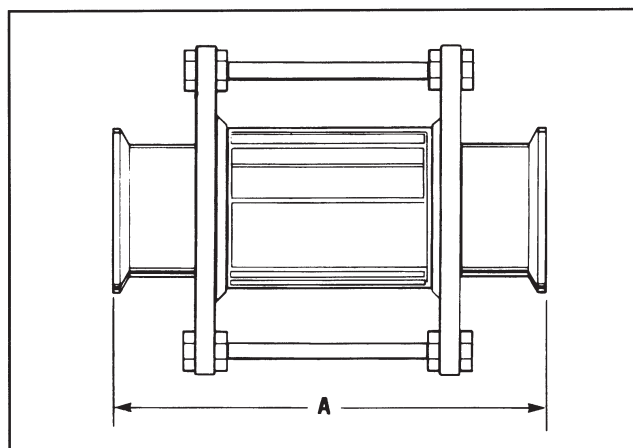
C28Y TRUE "Y" 90° - CLAMP		
SIZE (TUBE O.D.)	A	B
1 1/2	2 1/2	2 15/16
2	3 1/8	3 3/4
2 1/2	3 7/8	4 5/8
3	4 1/2	5 3/8
4	6	7 3/16

C50SG - IN-LINE SIGHT GLASSES

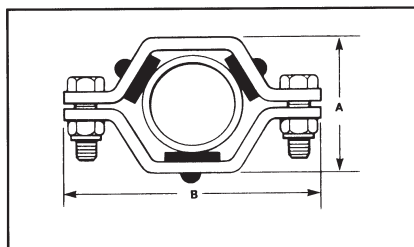
Fast, Continuous Inspection From All Angles

- Pyrex® Glass
- Available in types 304 and 316 S.S.
- Clamp Connections Standard - Also available with Bevel Seat and Weld configurations.
- Extra Safety Sight Glasses also available with clear acrylic protective shell.

SIZE (TUBE O.D.)	A
1	5 7/8
1 1/2	5 7/8
2	5 7/8
2 1/2	6 3/8
3	7 1/2
4	7 5/8

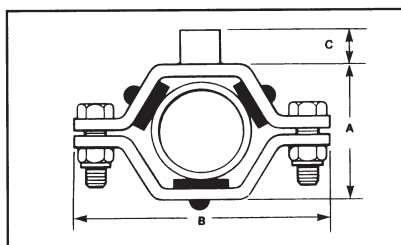


RESISTALOY HANGERS ARE ALSO AVAILABLE WITH ONE-PIECE POLYPROPYLENE INSERTS.



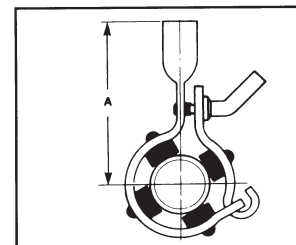
C24G Tubing Hanger

Size (Tube O.D.)	A	B
1/2	2 1/8	3 13/16
3/4	2 1/8	3 13/16
1	2 1/8	3 13/16
1 1/2	2 3/8	5
2	2 1/2	5
2 1/2	3 7/8	6 1/2
3	3 15/16	6 1/2
4	4 3/4	8 1/8
6	6 3/4	9



C24T Tubing Hanger (w/ 3/8" - 18NPT thread)

Size (Tube O.D.)	A	B	C
1/2	2 1/8	3 13/16	13/16
3/4	2 1/8	3 13/16	13/16
1	2 1/8	3 13/16	13/16
1 1/2	2 3/8	5	13/16
2	2 1/2	5	13/16
2 1/2	3 7/8	6 1/2	13/16
3	3 15/16	6 1/2	13/16
4	4 3/4	8 1/8	13/16
6	6 3/4	9	25/32

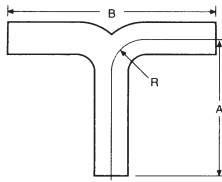


C24FCF Tubing Hanger

(w/ 3/8" - 18NPT thread)

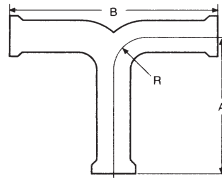
Size (Tube O.D.)	A
1	4 1/8
1 1/2	4 1/8
2	4 1/8
2 1/2	5
3	5
4	5 1/2

Miscellaneous Fittings (cont'd)



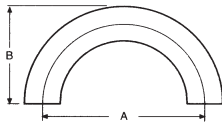
BSW LINE SPLITTER - WELD

SIZE (TUBE O.D.)	A	B	R
1 1/2	2 9/16	6 1/2	2 1/4
2	3 3/8	8	3
2 1/2	5 3/8	10 3/4	3 3/4
3	6	12	4 1/2
4	8	16	5 1/4



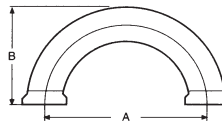
CSC LINE SPLITTER - CLAMP

SIZE (TUBE O.D.)	A	B	R
1 1/2	3 1/16	7 1/2	2 1/4
2	3 7/8	9	3
2 1/2	5 7/8	11 3/4	3 3/4
3	6 1/2	13	4 1/2
4	8 5/8	17 1/4	5 1/4



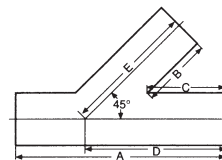
B2WU RETURN BENDS — 180° - WELD

SIZE (TUBE O.D.)	A	B
1	3	2
1 1/2	4 1/2	3 1/2
2	6	4
2 1/2	7 1/2	5
3	9	6
4	12	8



C2WUC RETURN BENDS — 180° - CLAMP

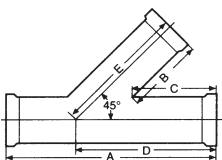
SIZE (TUBE O.D.)	A	B
1	3	2 1/2
1 1/2	4 1/2	4
2	6	4 1/2
2 1/2	7 1/2	5 1/2
3	9	6 1/2
4	12	8 5/8



B28W

LATERAL "Y" 45° - WELD

SIZE	A	B	C	D	E
1 1/2	4 1/2	2	1 1/4	3 1/16	3 13/16
2	5 5/8	2 5/8	1 7/8	4 5/16	5 1/16
2 1/2	6 7/8	3 3/8	2 3/8	5 3/8	6 3/8
3	8	4	2 13/16	6 13/32	7 19/32
4	10 3/8	5 3/8	3 13/16	8 11/16	10 3/16



C28C

LATERAL "Y" 45° - CLAMP

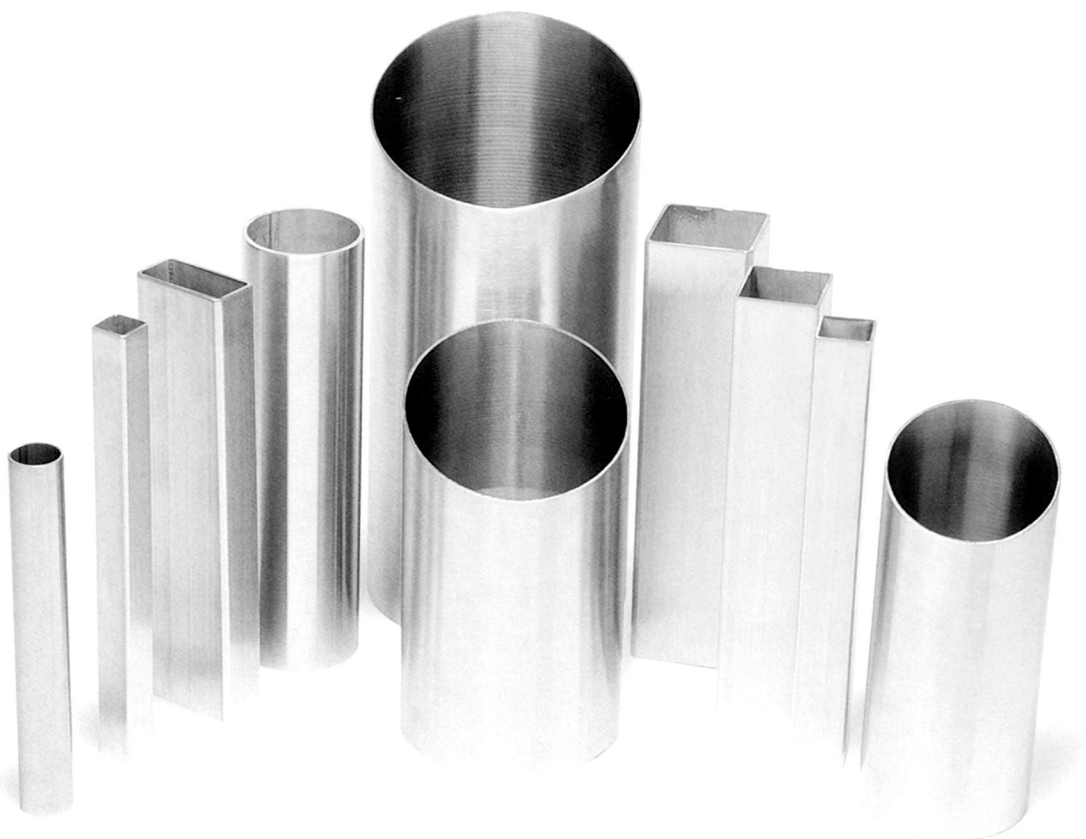
SIZE	A	B	C	D	E
1 1/2	5 1/2	2 1/2	1 3/4	3 9/16	4 5/16
2	6 5/8	3 1/8	2 3/8	4 13/16	5 9/16
2 1/2	7 7/8	3 7/8	2 7/8	5 7/8	6 7/8
3	9	4 1/2	3 7/16	6 29/32	8 3/32
4	11 5/8	6	4 7/16	9 5/16	10 13/16

ALSO AVAILABLE IN SIZES THROUGH 12" O.D.



RESISTALOY INC.

***STAINLESS PIPE, FITTINGS & VALVES.
TUYAU, RACCORDS, VALVES EN INOX.***



***Custom finishing and superior service
I.D. (inside diameter) and
O.D. (outside diameter) polishing
Electropolish Finishing
Hygienic Cleaning & Capping
Material provided or customer supplied***