

# Sanitary / SS Products



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# Sanitary Fittings



**CLAMPS, HEAVY DUTY, SINGLE PIN AND STANDARD NUT  
MODEL CL-HD**

**CLAMPS & GASKETS**



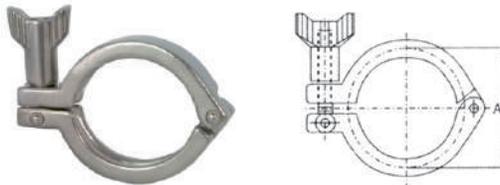
SIZE	SERVICE PRESSURE RATING @ 70°F <sup>1</sup>	DIMENSIONS as per diagram	SERIES # 13MHHM Stainless Steel 304
OD		A	PART #
0,50" & 0,75"	1500	1,062"	CL050HD
1,00" & 1,50"	500	2,122"	CL150HD
2,00"	450	2,654"	CL200HD
2,50"	400	3,185"	CL250HD
3,00"	350	3,717"	CL300HD
4,00"	300	4,820"	CL400HD
6,00"	150	6,695"	CL600HD
8,00"	100	8,695"	CL800HD

<sup>1</sup> Wing nut tightened to 25 lb torque.

DESCRIPTION	PART #
Standard wing nut for HD clamps 2"	NUT-CL200HD

**CLAMPS, HEAVY DUTY, SINGLE PIN AND SERRATED WING NUT  
MODEL CL-HD-SW**

**CLAMPS & GASKETS**



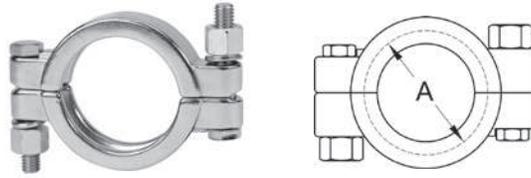
SIZE	SERVICE PRESSURE RATING @ 70°F <sup>1</sup>	DIMENSIONS as per diagram	SERIES # 13MHHM Stainless Steel 304
OD		A	PART #
0,50" & 0,75"	1500	1,062"	CL050HD-SW
1,00" & 1,50"	500	2,122"	CL150HD-SW
2,00"	450	2,654"	CL200HD-SW
2,50"	400	3,185"	CL250HD-SW
3,00"	350	3,717"	CL300HD-SW
4,00"	300	4,820"	CL400HD-SW
6,00"	150	6,695"	CL600HD-SW
8,00"	100	8,695"	CL800HD-SW

<sup>1</sup> Wing nut tightened to 25 lb torque.

DESCRIPTION	PART #
Serrated wing nut for HD clamps 2"	NUT-CL200HD-SW

**CLAMPS, HIGH PRESSURE, DUAL BOLTED  
MODEL CL13MHP**

**CLAMPS & GASKETS**



SIZE	SERVICE PRESSURE RATING @ 70°F <sup>1</sup>	DIMENSIONS as per diagram	SERIES # 13MHP Stainless Steel 304
OD		A	PART #
0,50" & 0,75"	1500	1,062"	CL13MHP-050HD
1,00" & 1,50"	1500	2,046"	CL13MHP-150HD
2,00"	1000	2,578"	CL13MHP-200HD
2,50"	1000	3,110"	CL13MHP-250HD
3,00"	1000	3,640"	CL13MHP-300HD
4,00"	800	4,744"	CL13MHP-400HD
6,00"	300	6,632"	CL13MHP-600HD

<sup>1</sup> Wing nut tightened to 25 lb torque.

**GASKETS, PEROXIDE CURED, CLEAR SILICONE, FDA APPROVED  
MODEL G-CS**

**CLAMPS & GASKETS**

**TEMPERATURE RANGE**

- 50°F / 400°F  
- 46°C / 204°C



SIZE	SERIES # 42MP Clear Silicone, no dot			SERIES # 40MP Clear Silicone, no dot		
	OD	PART #	QUANTITY	PART #		QUANTITY
0,50"	G050-CS		25 PACK			
0,75"	G075-CS		25 PACK			
1,00"				G100-CS		25 PACK
1,50"				G150-CS		25 PACK
2,00"				G200-CS		25 PACK
2,50"				G250-CS		25 PACK
3,00"				G300-CS		10 PACK
4,00"				G400-CS		10 PACK
6,00"				G600-CS		Individually
8,00"				G800-CS		Individually

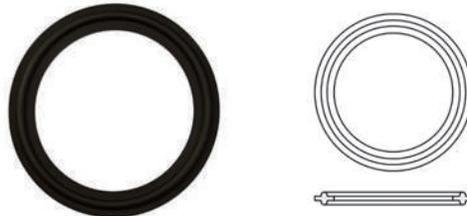
Other diameters available upon request.

**GASKETS, PEROXIDE CURED, EPDM, FDA APPROVED  
MODEL G-EPDM**

**CLAMPS & GASKETS**

**TEMPERATURE RANGE**

- 40°F / 275°F  
- 40°C / 135°C



SIZE	SERIES # 42MP EPDM, 3 green dots			SERIES # 40MP EPDM, 3 green dots		
	OD	PART #	QUANTITY	PART #		QUANTITY
0,50"	G050-EPDM		25 PACK			
0,75"	G075-EPDM		25 PACK			
1,00"				G100-EPDM		25 PACK
1,50"				G150-EPDM		25 PACK
2,00"				G200-EPDM		25 PACK
2,50"				G250-EPDM		25 PACK
3,00"				G300-EPDM		10 PACK
4,00"				G400-EPDM		10 PACK
6,00"				G600-EPDM		Individually
8,00"				G800-EPDM		Individually

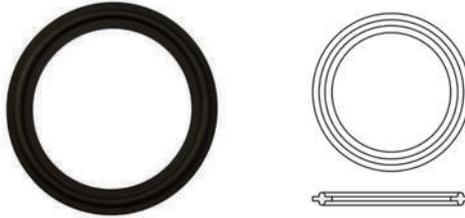
Other diameters available upon request.

**GASKETS, BUNA-N, FDA APPROVED  
MODEL G-BN**

**CLAMPS & GASKETS**

**TEMPERATURE RANGE**

- 25°F / 225°F  
- 32°C / 107°C



SIZE	SERIES # 42MP BUNA-N, 1 red dot		SERIES # 40MP BUNA-N, 1 red dot	
OD	PART #	QUANTITY	PART #	QUANTITY
0,50"	G050-BN	25 PACK		
0,75"	G075-BN	25 PACK		
1,00"			G100-BN	25 PACK
1,50"			G150-BN	25 PACK
2,00"			G200-BN	25 PACK
2,50"			G250-BN	25 PACK
3,00"			G300-BN	10 PACK
4,00"			G400-BN	10 PACK
6,00"			G600-BN	Individually
8,00"			G800-BN	Individually

Other diameters available upon request.

**GASKETS, PEROXIDE CURED, VITON (FKM), FDA APPROVED  
MODEL G-FKM**

**CLAMPS & GASKETS**

**TEMPERATURE RANGE**

- 15°F / 375°F  
- 26°C / 191°C



SIZE	SERIES # 42MP VITON, 1 white dot & 1 yellow dot		SERIES # 40MP VITON, 1 white dot & 1 yellow dot	
OD	PART #	Quantity	PART #	Quantity
0,50"	G050-FKM	Individually		
0,75"	G075-FKM	Individually		
1,00"			G100-FKM	Individually
1,50"			G150-FKM	Individually
2,00"			G200-FKM	Individually
2,50"			G250-FKM	Individually
3,00"			G300-FKM	Individually
4,00"			G400-FKM	Individually
6,00"			G600-FKM	Individually
8,00"			G800-FKM	Individually

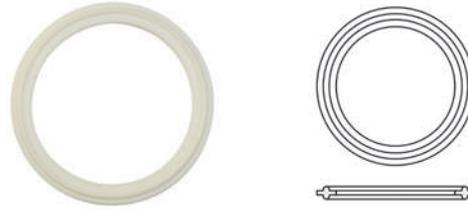
Other diameters available upon request.

**GASKETS, PTFE (WHITE TEFLON), FDA APPROVED  
MODEL G-PTFE**

**CLAMPS & GASKETS**

**TEMPERATURE RANGE**

- 10°F / 300°F  
- 23°C / 232°C



Not recommended for double nut hose clamps.

SIZE	SERIES # 42MP PTFE, no dot			SERIES # 40MP PTFE, no dot		
	OD	PART #	QUANTITY	PART #	QUANTITY	QUANTITY
0,50"	G050-PTFE		25 PACK			
0,75"	G075-PTFE		25 PACK			
1,00"				G100-PTFE		25 PACK
1,50"				G150-PTFE		25 PACK
2,00"				G200-PTFE		25 PACK
2,50"				G250-PTFE		25 PACK
3,00"				G300-PTFE		10 PACK
4,00"				G400-PTFE		10 PACK
6,00"				G600-PTFE		Individually
8,00"				G800-PTFE		Individually

Other diameters available upon request.

**FLANGED GASKETS, PEROXIDE CURED, EPDM, FDA APPROVED  
MODEL FG-EPDM**

**CLAMPS & GASKETS**

**TEMPERATURE RANGE**

- 40°F / 275°F  
- 40°C / 135°C



Type 2 - Flanged

SIZE	SERIES # 42MPF EPDM, 3 green dots			SERIES # 40MPF EPDM, 3 green dots		
	OD	PART #	QUANTITY	PART #	QUANTITY	QUANTITY
0,50"	FG050-EPDM		25 PACK			
0,75"	FG075-EPDM		25 PACK			
1,00"				FG100-EPDM		25 PACK
1,50"				FG150-EPDM		25 PACK
2,00"				FG200-EPDM		25 PACK
2,50"				FG250-EPDM		25 PACK
3,00"				FG300-EPDM		10 PACK
4,00"				FG400-EPDM		10 PACK
5,00"				FG500-EPDM		10 PACK
6,00"				FG600-EPDM		Individually
8,00"	FG800-EPDM		Individually			

Other diameters available upon request.

## FLANGED GASKETS, PEROXIDE CURED, CLEAR SILICONE, FDA APPROVED MODEL FG-CS

### CLAMPS & GASKETS

**TEMPERATURE RANGE**

- 50°F / 400°F  
- 46°C / 204°C



Type 2 - Flanged

SIZE	SERIES # 42MPF Clear Silicone, no dot			SERIES # 40MPF Clear Silicone, no dot		
	OD	PART #	QUANTITY	PART #		QUANTITY
0,50"	FG050-CS		25 PACK			
0,75"	FG075-CS		25 PACK			
1,00"				FG100-CS		25 PACK
1,50"				FG150-CS		25 PACK
2,00"				FG200-CS		25 PACK
2,50"				FG250-CS		25 PACK
3,00"				FG300-CS		10 PACK
4,00"				FG400-CS		10 PACK
5,00"				FG500-CS		10 PACK
6,00"				FG600-CS		Individually
8,00"				FG800-CS		Individually

Other diameters available upon request.

## FLANGED GASKETS, BUNA-N, FDA APPROVED MODEL FG-BN

### CLAMPS & GASKETS

**TEMPERATURE RANGE**

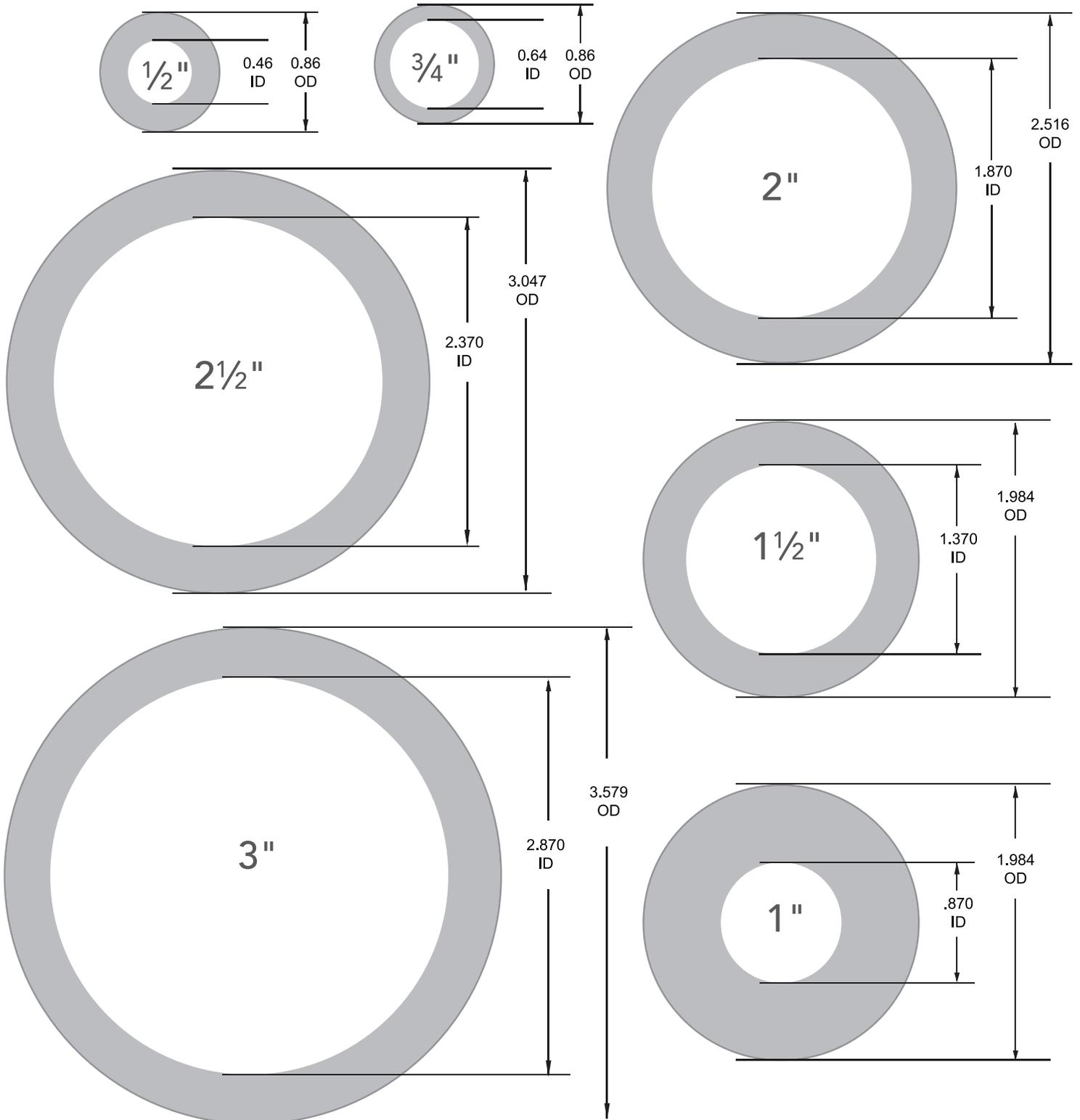
- 25°F / 225°F  
- 32°C / 107°C

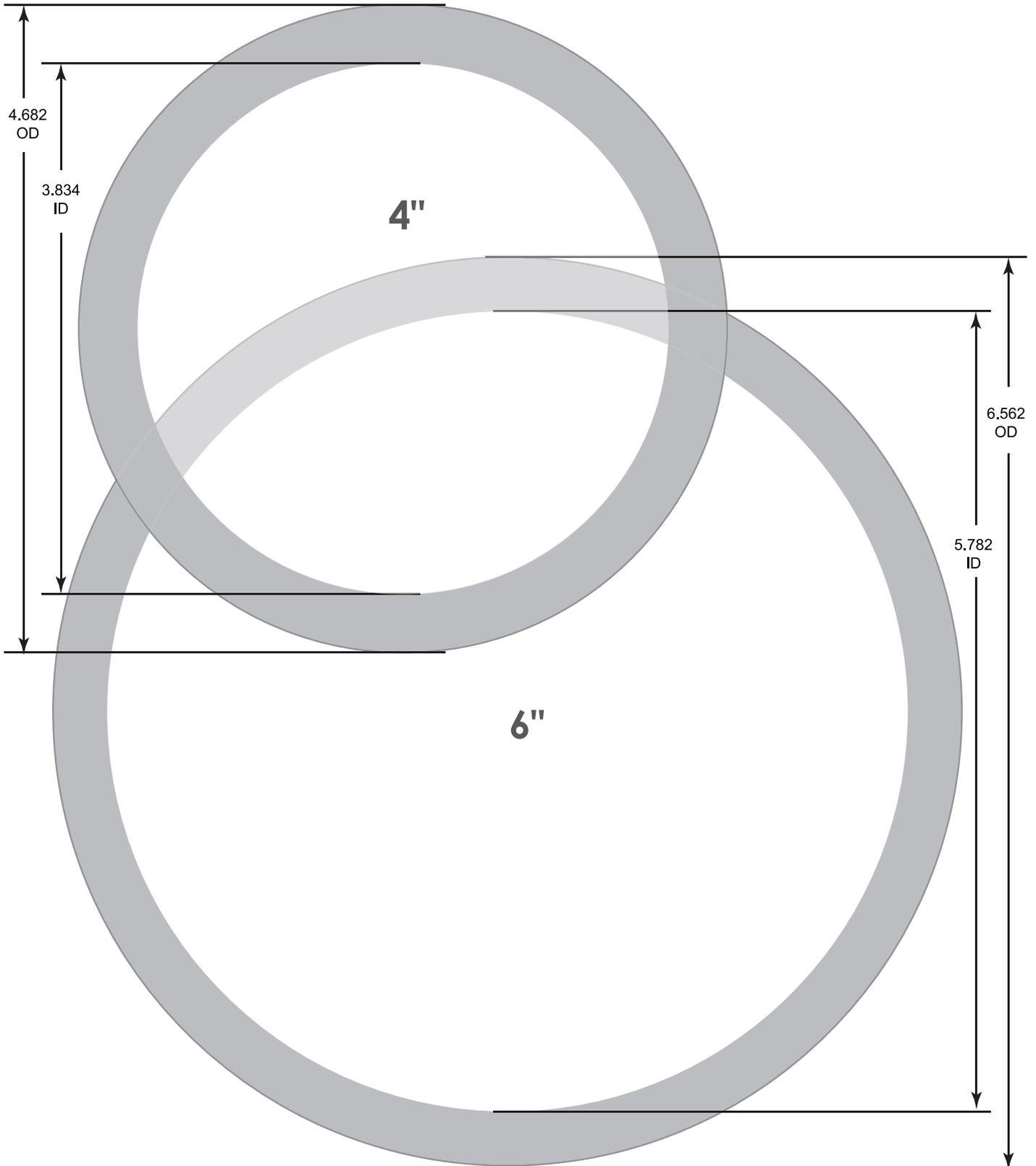


Type 2 - Flanged

SIZE	SERIES # 42MPF BUNA-N, 1 red dot			SERIES # 40MPF BUNA-N, 1 red dot		
	OD	PART #	QUANTITY	PART #		QUANTITY
0,50"	FG050-BN		25 PACK			
0,75"	FG075-BN		25 PACK			
1,00"				FG100-BN		25 PACK
1,50"				FG150-BN		25 PACK
2,00"				FG200-BN		25 PACK
2,50"				FG250-BN		25 PACK
3,00"				FG300-BN		10 PACK
4,00"				FG400-BN		10 PACK
6,00"				FG600-BN		Individually
8,00"				FG800-BN		Individually

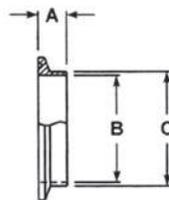
Other diameters available upon request.





## SHORT FERRULES, POLISHED # 7, 3A APPROVED MODEL SF

**BUTT-WELD**

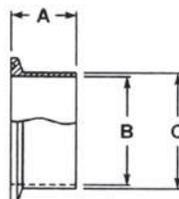


SIZE	DIMENSIONS as per diagram			SERIES # 14WMP Stainless Steel 304	SERIES # 14WMP Stainless Steel 316L
	OD	A	B	C	PART #
0,50"	0,50"	0,37"	0,50"	SF050-304	SF050-316L
0,75"	0,50"	0,62"	0,75"	SF075-304	SF075-316L
1,00"	0,50"	0,87"	1,00"	SF100-304	SF100-316L
1,50"	0,50"	1,37"	1,50"	SF150-304	SF150-316L
2,00"	0,50"	1,87"	2,00"	SF200-304	SF200-316L
2,50"	0,50"	2,37"	2,50"	SF250-304	SF250-316L
3,00"	0,50"	2,87"	3,00"	SF300-304	SF300-316L
4,00"	0,625"	3,834"	4,00"	SF400-304	SF400-316L
6,00"	0,875"	5,782"	6,00"	SF600-304	SF600-316L
8,00"	0,875"	7,76"	8,00"	SF800-304	SF800-316L

Other diameters available upon request.

## LONG FERRULES, POLISHED # 7, 3A APPROVED MODEL LF

**BUTT-WELD**

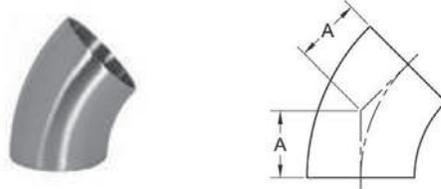


SIZE	DIMENSIONS as per diagram			SERIES # 14AMP Stainless Steel 304	SERIES # 14AMP Stainless Steel 316L
	OD	A	B	C	PART #
0,50"	1,125"	0,37"	0,50"	LF050-304	LF050-316L
0,75"	1,125"	0,62"	0,75"	LF075-304	LF075-316L
1,00"	1,125"	0,87"	1,00"	LF100-304	LF100-316L
1,50"	1,125"	1,37"	1,50"	LF150-304	LF150-316L
2,00"	1,125"	1,87"	2,00"	LF200-304	LF200-316L
2,50"	1,125"	2,37"	2,50"	LF250-304	LF250-316L
3,00"	1,125"	2,87"	3,00"	LF300-304	LF300-316L
4,00"	1,125"	3,834"	4,00"	LF400-304	LF400-316L
6,00"	1,500"	5,782"	6,00"	LF600-304	LF600-316L
8,00"	1,500"	7,76"	8,00"	LF800-304	LF800-316L

Other diameters available upon request.

**45° ELBOWS, BUTT WELD, POLISHED # 7, 3A APPROVED  
MODEL EL45**

**BUTT-WELD**

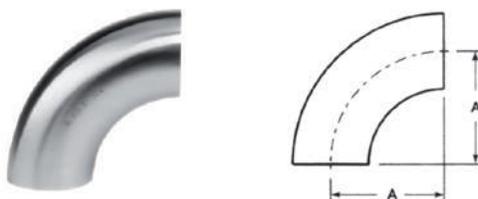


SIZE	DIMENSIONS as per diagram		SERIES # B2WK Stainless Steel 304	SERIES # B2WK Stainless Steel 316L
OD	A	Wall Thickness	PART #	PART #
0,50"	0,280"	0,065"	EL45-050-304	EL45-050-316L
0,75"	0,466"	0,065"	EL45-075-304	EL45-075-316L
1,00"	0,625"	0,065"	EL45-100-304	EL45-100-316L
1,50"	0,937"	0,065"	EL45-150-304	EL45-150-316L
2,00"	1,250"	0,065"	EL45-200-304	EL45-200-316L
2,50"	1,562"	0,065"	EL45-250-304	EL45-250-316L
3,00"	1,875"	0,065"	EL45-300-304	EL45-300-316L
4,00"	2,500"	0,083"	EL45-400-304	EL45-400-316L
6,00"	3,750"	0,109"	EL45-600-304	EL45-600-316L
8,00"	5,000"	0,170"		EL45-800-316L

Other diameters available upon request.

**90° ELBOWS, BUTT WELD, POLISHED # 7, 3A APPROVED  
MODEL EL90**

**BUTT-WELD**



SIZE	DIMENSIONS as per diagram		SERIES # B2WC Stainless Steel 304	SERIES # B2WC Stainless Steel 316L
OD	A	Wall Thickness	PART #	PART #
0,50"	0,750"	0,065"	EL90-050-304	EL90-050-316L
0,75"	1,125"	0,065"	EL90-075-304	EL90-075-316L
1,00"	1,500"	0,065"	EL90-100-304	EL90-100-316L
1,50"	2,250"	0,065"	EL90-150-304	EL90-150-316L
2,00"	3,000"	0,065"	EL90-200-304	EL90-200-316L
2,50"	3,750"	0,065"	EL90-250-304	EL90-250-316L
3,00"	4,500"	0,065"	EL90-300-304	EL90-300-316L
4,00"	6,000"	0,083"	EL90-400-304	EL90-400-316L
6,00"	9,000"	0,109"	EL90-600-304	EL90-600-316L
8,00"	12,000"	0,110"		EL90-800-316L

Other diameters available upon request.

**180° ELBOWS, BUTT WELD, POLISHED # 7, 3A APPROVED**  
MODEL EL180

**BUTT-WELD**

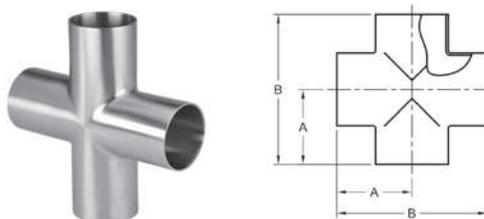


SIZE	DIMENSIONS as per diagram			SERIES # B2WUL Stainless Steel 304	SERIES # B2WUL Stainless Steel 316L
OD	A	B	Wall Thickness	PART #	PART #
1,00"	3,000"	2,000"	0,065"	EL180-10-304	EL180-10-316L
1,50"	4,500"	3,000"	0,065"	EL180-15-304	EL180-15-316L
2,00"	6,000"	4,000"	0,065"	EL180-20-304	
2,50"	7,500"	5,000"	0,065"		
3,00"	9,000"	6,000"	0,065"		
4,00"	12,000"	8,000"	0,083"		

Other diameters available upon request.

**CROSSES, BUTT WELD, POLISHED # 7, 3A APPROVED**  
MODEL PB9WWWW

**BUTT-WELD**

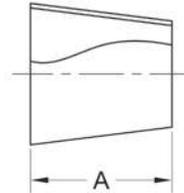


SIZE	DIMENSIONS as per diagram		SERIES # B9WWWW Stainless Steel 304	SERIES # B9WWWW Stainless Steel 316L
OD	A	B	PART #	PART #
1,00"	1,125"	2,250"	PB9WWWW-10-304	
1,50"	1,656"	3,312"	PB9WWWW-15-304	
2,00"	2,062"	4,125"	PB9WWWW-20-304	
2,50"	2,343"	4,687"	PB9WWWW-25-304	
3,00"	2,598"	5,187"	PB9WWWW-30-304	
4,00"	3,437"	6,875"	PB9WWWW-40-304	

Other diameters and materials available on request.

**CONCENTRIC REDUCERS, BUTT WELD, POLISHED # 7, 3A APPROVED  
MODEL CR31W**

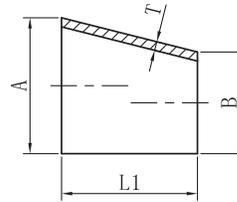
**BUTT-WELD**



SIZE	DIMENSIONS as per diagram	SERIES # B31W Stainless Steel 304	SERIES # B31W Stainless Steel 316L
OD	A	PART #	PART #
1 x 0,5"	1,000"	CR31W-10-050-4	CR31W-10-050-6
1 x 0,75"	1,000"	CR31W-10-075-4	
1,5 x 1"	2,000"	CR31W-15-10-4	CR31W-15-10-6
2 x 1"	4,000"	CR31W-20-10-4	CR31W-20-10-6
2 x 1,5"	2,000"	CR31W-20-15-4	CR31W-20-15-6
2,5 x 1"	6,000"	CR31W-25-10-4	CR31W-25-10-6
2,5 x 1,5"	4,000"	CR31W-25-15-4	CR31W-25-15-6
2,5 x 2"	2,000"	CR31W-25-20-4	CR31W-25-20-6
3 x 1"	8,000"	CR31W-30-10-4	CR31W-30-10-6
3 x 1,5"	6,000"	CR31W-30-15-4	CR31W-30-15-6
3 x 2"	4,000"	CR31W-30-20-4	CR31W-30-20-6
3 x 2,5"	2,000"	CR31W-30-25-4	CR31W-30-25-6
4 x 1"	12,000"	CR31W-40-10-4	CR31W-40-10-6
4 x 1,5"	10,000"	CR31W-40-15-4	CR31W-40-15-6
4 x 2"	8,000"	CR31W-40-20-4	CR31W-40-20-6
4 x 2,5"	6,000"	CR31W-40-25-4	CR31W-40-25-6
4 x 3"	4,000"	CR31W-40-30-4	CR31W-40-30-6
6 x 4"	5,500"	CR31W-60-40-4	CR31W-60-40-6
10 x 8"	7,000"		

Other diameters available upon request.

## ECCENTRIC REDUCERS, BUTT WELD, POLISHED 7, 3A APPROVED MODEL ER32W

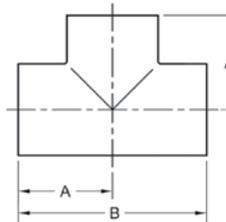


**BUTT-WELD**

SIZE	DIMENSIONS as per diagram		SERIES # ER32W Stainless Steel 304	SERIES # ER32W Stainless Steel 316L
OD (A x B)	L1	T	PART #	PART #
1,5 x 1"	2,000"	0,065 x 0,065"		ER32W-15-10-6
2 x 1"	4,000"	0,065 x 0,065"		ER32W-20-10-6
2 x 1,5"	2,000"	0,065 x 0,065"	ER32W-20-15-4	ER32W-20-15-6
2,5 x 1"	6,000"	0,065 x 0,065"		ER32W-25-10-6
2,5 x 1,5"	4,000"	0,065 x 0,065"		ER32W-25-15-6
2,5 x 2"	2,000"	0,065 x 0,065"		ER32W-25-20-6
3 x 1"	8,000"	0,065 x 0,065"		ER32W-30-10-6
3 x 1,5"	6,000"	0,065 x 0,065"		ER32W-30-15-6
3 x 2"	4,000"	0,065 x 0,065"		ER32W-30-20-6
3 x 2,5"	2,000"	0,065 x 0,065"		ER32W-30-25-6
4 x 1,5"	10,000"	0,083 x 0,065"		ER32W-40-15-6
4 x 2"	8,000"	0,083 x 0,065"		ER32W-40-20-6
4 x 2,5"	6,000"	0,083 x 0,065"		ER32W-40-25-6
4 x 3"	4,000"	0,083 x 0,065"		ER32W-40-30-6
6 x 3"	5,512"	0,109 x 0,065"		ER32W-60-30-6
6 x 4"	5,512"	0,109 x 0,083"		ER32W-60-40-6

Other diameters available upon request.

## SHORT TEES, BUTT WELD, POLISHED # 7, 3A APPROVED MODEL STB7WWW

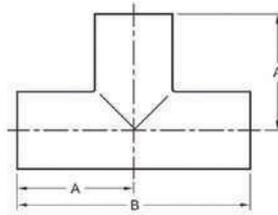


**BUTT-WELD**

SIZE	DIMENSIONS as per diagram		SERIES # B7WWW Stainless Steel 304
OD	A	B	PART #
0,50"			
0,75"			
1,00"	1,125"	2,250"	STB7WWW-100-304
1,50"	1,656"	3,312"	STB7WWW-150-304
2,00"	2,063"	4,125"	STB7WWW-200-304
2,50"	2,344"	4,688"	STB7WWW-250-304
3,00"	2,594"	5,188"	STB7WWW-300-304
4,00"	3,438"	6,875"	STB7WWW-400-304
6,00"	5,625"	11,250"	STB7WWW-600-304
8,00"			

Other diameters available upon request.

**LONG TEES, BUTT WELD, POLISHED # 7, 3A APPROVED  
MODEL LTB7W**

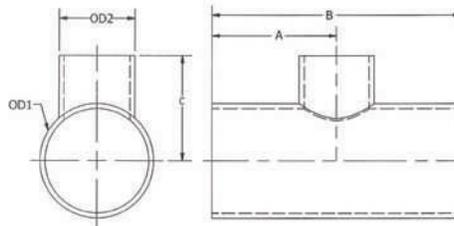


**BUTT-WELD**

SIZE	DIMENSIONS as per diagram		SERIES # B7W Stainless Steel 304	SERIES # B7W Stainless Steel 316L
	OD	A	B	PART #
0,50"	1,875"	3,750"		LTB7W-050-316L
0,75"	2,000"	4,000"		LTB7W-075-316L
1,00"	1,875"	3,750"	LTB7W-100-304	LTB7W-100-316L
1,50"	2,250"	4,500"	LTB7W-150-304	LTB7W-150-316L
2,00"	3,000"	6,000"	LTB7W-200-304	LTB7W-200-316L
2,50"	3,000"	6,000"	LTB7W-250-304	LTB7W-250-316L
3,00"	3,250"	6,500"	LTB7W-300-304	LTB7W-300-316L
4,00"	3,875"	7,750"	LTB7W-400-304	LTB7W-400-316L
6,00"	5,625"	11,250"	LTB7W-600-304	LTB7W-600-316L

Other diameters available upon request.

**REDUCING TEES, BUTT WELD, POLISHED # 7, 3A APPROVED  
MODEL LTB7RW**



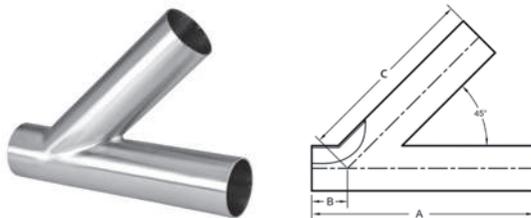
**BUTT-WELD**

SIZE		DIMENSIONS as per diagram			SERIES # BR7WWW Stainless Steel 316L
OD1	OD2	A	B	C	PART #
0,75"	0,50"	1,874"	3,748"	1,874"	LTB7RW-075-050-6L
1,00"	0,50"	1,874"	3,748"	1,874"	LTB7RW-100-050-6L
1,00"	0,75"	1,874"	3,748"	1,874"	LTB7RW-100-075-6L
1,50"	0,50"	2,252"	4,504"	2,252"	LTB7RW-150-050-6L
1,50"	0,75"	2,252"	4,504"	2,252"	LTB7RW-150-075-6L
1,50"	1,00"	2,252"	4,504"	2,252"	LTB7RW-150-100-6L
2,00"	1,00"	3,000"	6,000"	3,000"	LTB7RW-200-100-6L
2,00"	1,50"	3,000"	6,000"	3,000"	LTB7RW-200-150-6L
2,50"	1,50"	3,000"	6,000"	3,000"	LTB7RW-250-150-6L
2,50"	2,00"	3,000"	6,000"	3,000"	LTB7RW-250-200-6L
3,00"	1,50"	3,252"	6,504"	3,252"	LTB7RW-300-150-6L
3,00"	2,00"	3,252"	6,504"	3,252"	LTB7RW-300-200-6L
3,00"	2,50"	3,252"	6,504"	3,252"	LTB7RW-300-250-6L
4,00"	1,50"	3,874"	7,748"	3,874"	LTB7RW-400-150-6L
4,00"	2,00"	3,874"	7,748"	3,874"	LTB7RW-400-200-6L
4,00"	2,50"	3,874"	7,748"	3,874"	LTB7RW-400-250-6L
4,00"	3,00"	3,874"	7,748"	3,874"	LTB7RW-400-300-6L
6,00"	2,00"	5,630"	11,260"	5,630"	LTB7RW-600-200-6L
6,00"	3,00"	5,630"	11,260"	5,630"	LTB7RW-600-300-6L
6,00"	4,00"	5,630"	11,260"	5,630"	LTB7RW-600-400-6L

Other diameters and materials available upon request.

**LATERAL Y'S, BUTT WELD, POLISHED # 7, 3A APPROVED  
MODEL YLB28WA**

**BUTT-WELD**

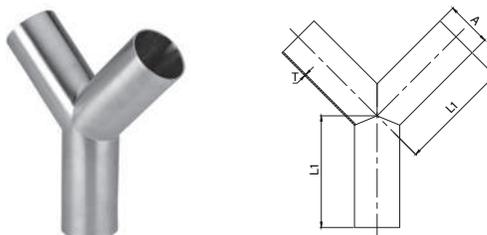


SIZE	DIMENSIONS as per diagram			SERIES # B28WA Stainless Steel 304	SERIES # B28WA Stainless Steel 316L
	OD	A	B	C	PART #
1,00"	6,000"	1,000"	5,000"	YLB28WA-10-304	
1,50"	7,375"	1,188"	6,188"	YLB28WA-15-304	
2,00"	8,750"	1,625"	7,125"	YLB28WA-20-304	
2,50"	10,000"	1,500"	8,500"	YLB28WA-25-304	
3,00"	10,750"	1,875"	8,875"	YLB28WA-30-304	
4,00"	12,812"	2,015"	10,750"	YLB28WA-40-304	
6,00"	16,500"	4,000"	14,750"	YLB28WA-60-304	

Other diameters and materials available on request.

**TRUE Y'S, BUTT WELD, POLISHED # 7, 3A APPROVED  
MODEL YB28W**

**BUTT-WELD**

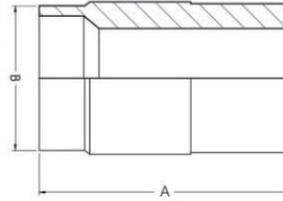


SIZE	DIMENSIONS as per diagram		SERIES # B28W Stainless Steel 304	SERIES # B28W Stainless Steel 316L
	OD (A)	L1	T	PART #
1,00"	3,000"	0.065"	YB28W-10-304	
1,50"	3,000"	0.065"	YB28W-15-304	
2,00"	4,000"	0.065"	YB28W-20-304	
2,50"	5,000"	0.065"	YB28W-25-304	
3,00"	6,000"	0.065"	YB28W-30-304	
4,00"	8,000"	0.083"	YB28W-40-304	

Other diameters and materials available on request.

**ADAPTERS, BUTT WELD x NPTM, POLISHED # 7  
MODEL 19WB**

**BUTT-WELD**

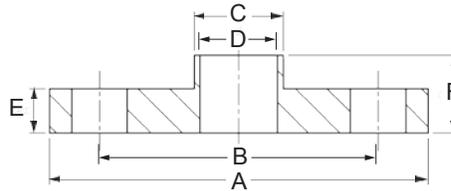


SIZE	NPTM	DIMENSIONS as per diagram		SERIES # 19WB Stainless Steel 304	SERIES # 19WB Stainless Steel 316L
		OD	A	B	PART #
1,00"	0,75"	1,750"	1,000"		P19WB-10-075-6L
1,00"	1,00"	1,750"	1,000"		P19WB-10-10-6L
1,50"	1,00"	1,750"	1,500"		P19WB-15-10-6L
1,50"	1,50"	1,750"	1,500"		P19WB-15-15-6L
2,00"	1,50"	1,813"	2,000"		P19WB-20-15-6L
2,00"	2,00"	1,813"	2,000"		P19WB-20-20-6L

Other diameters and materials available on request.

**WELD NECK FLANGES, POLISHED # 7, 3A APPROVED  
MODEL SPW-B38W**

**BUTT-WELD**

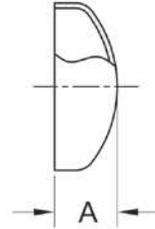


SIZE	DIMENSIONS * as per diagram						SERIES # B38W Stainless Steel 304	SERIES # B38W Stainless Steel 316L
	OD	A	B	C	D	E	F	PART #
1,00"	4,250"	3,126"	1,000"	0,870"	0,375"	0,500"		SPW-B38W100-6L
1,50"	5,000"	3,874"	1,500"	1,370"	0,375"	0,500"		SPW-B38W150-6L
2,00"	6,000"	4,752"	2,000"	1,870"	0,500"	0,625"		SPW-B38W200-6L
2,50"	7,000"	5,500"	2,500"	2,370"	0,500"	0,625"		SPW-B38W250-6L
3,00"	7,500"	6,000"	3,000"	2,870"	0,500"	0,625"		SPW-B38W300-6L
4,00"	9,000"	7,500"	4,000"	3,835"	0,500"	0,625"	SPW-B38W400-4	SPW-B38W400-6L
6,00"	11,000"	9,500"	6,000"	5,780"	0,500"	0,625"		SPW-B38W600-6L

Other diameters and materials available on request.

**DOME CAPS, POLISHED # 7, 3A APPROVED  
MODEL RC**

**BUTT-WELD**

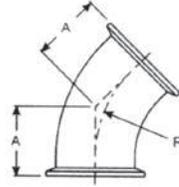


SIZE	DIMENSIONS as per diagram	SERIES # B16W Stainless Steel 304	SERIES # B16W Stainless Steel 316L
OD	A	PART #	PART #
1,00"	0,375"		RC100-316L
1,50"	0,562"	RC150-304	RC150-316L
2,00"	0,750"	RC200-304	RC200-316L
2,50"	1,000"	RC250-304	RC250-316L
3,00"	1,250"	RC300-304	RC300-316L
4,00"	1,500"		RC400-316L

Other diameters available upon request.

**45° ELBOWS, TRI-CLAMP®, POLISHED # 7, 3A APPROVED  
MODEL PFCL45**

**TRI-CLAMP®**

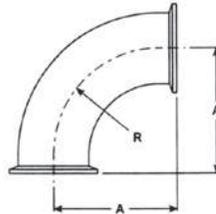


SIZE	DIMENSIONS as per diagram		SERIES # B2KMP Stainless Steel 304	SERIES # B2KMP Stainless Steel 316L
	OD	A	R	PART #
1"	1,125"	1,50"	PFCL45-10-304	PFCL45-10-316L
1,50"	1,437"	2,25"	PFCL45-15-304	PFCL45-15-316L
2,00"	1,750"	3,00"	PFCL45-20-304	PFCL45-20-316L
2,50"	2,062"	3,75"	PFCL45-25-304	PFCL45-25-316L
3,00"	2,375"	4,50"	PFCL45-30-304	PFCL45-30-316L
4,00"	3,125"	6,00"	PFCL45-40-304	PFCL45-40-316L
6,00"	4,625"	9,00"	PFCL45-60-304	PFCL45-60-316L

Other diameters available upon request.

**90° ELBOWS, TRI-CLAMP®, POLISHED # 7, 3A APPROVED  
MODEL PFCL90**

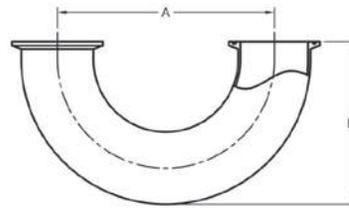
**TRI-CLAMP®**



SIZE	DIMENSIONS as per diagram		SERIES # B2CMP Stainless Steel 304	SERIES # B2CMP Stainless Steel 316L
	OD	A	R	PART #
0,50"	1,625"	1,125"		PFCL90-050-316L
0,75"	1,625"	1,125"		PFCL90-075-316L
1,00"	2,00"	1,50"	PFCL90-10-304	PFCL90-10-316L
1,50"	2,75"	2,25"	PFCL90-15-304	PFCL90-15-316L
2,00"	3,50"	3,00"	PFCL90-20-304	PFCL90-20-316L
2,50"	4,25"	3,75"	PFCL90-25-304	PFCL90-25-316L
3,00"	5,00"	4,50"	PFCL90-30-304	PFCL90-30-316L
4,00"	6,625"	6,00"	PFCL90-40-304	PFCL90-40-316L
6,00"	9,875"	9,00"	PFCL90-60-304	

Other diameters available upon request.

**180° RETURN BENDS, TRI-CLAMP®, POLISHED # 7, 3A APPROVED  
MODEL PFCL180**

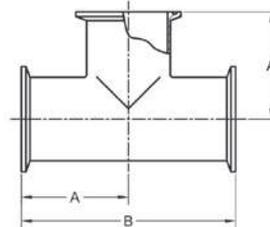


**TRI-CLAMP®**

SIZE	DIMENSIONS as per diagram		SERIES # B2WUMP Stainless Steel 304	SERIES # B2WUMP Stainless Steel 316L
	OD	A	B	PART #
1"	3,000"	2,500"		
1,50"	4,500"	3,500"	PFCL180-15-304	PFCL180-15-316L
2,00"	6,000"	4,500"	PFCL180-20-304	
2,50"	7,500"	5,500"		
3,00"	9,000"	6,500"		
4,00"	12,000"	8,625"		

Other diameters available upon request.

**LONG TEES, TRI-CLAMP®, POLISHED # 7, 3A APPROVED  
MODEL LTB7MP**



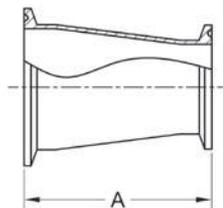
**TRI-CLAMP®**

SIZE	DIMENSIONS as per diagram		SERIES # B7MP Stainless Steel 304	SERIES # B7MP Stainless Steel 316L
	OD	A	B	PART #
0,50"	2,375"	4,750"		
0,75"	2,500"	5,000"		
1,00"	2,375"	4,750"	LTB7MP-100-304	LTB7MP-100-316L
1,50"	2,750"	5,500"	LTB7MP-150-304	LTB7MP-150-316L
2,00"	3,500"	7,000"	LTB7MP-200-304	LTB7MP-200-316L
2,50"	3,500"	7,000"	LTB7MP-250-304	LTB7MP-250-316L
3,00"	3,750"	7,500"	LTB7MP-300-304	LTB7MP-300-316L
4,00"	4,500"	9,000"	LTB7MP-400-304	LTB7MP-400-316L
6,00"	6,500"	13,000"		

Other diameters available upon request.

**CONCENTRIC REDUCERS, TRI-CLAMP®, POLISHED # 7, 3A APPROVED  
MODEL 3114MP**

**TRI-CLAMP®**

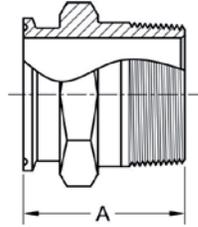


SIZE	DIMENSIONS as per diagram	SERIES # B3114MP Stainless Steel 304	SERIES # B3114MP Stainless Steel 316L
OD	A	PART #	PART #
1,5 x 1"	2,000"	3114MP-15-10-4	3114MP-15-10-6
2 x 1"	4,000"	3114MP-20-10-4	3114MP-20-10-6
2 x 1,5"	3,000"	3114MP-20-15-4	3114MP-20-15-6
2,5 x 1"	7,000"	3114MP-25-10-4	3114MP-25-10-6
2,5 x 1,5"	4,000"	3114MP-25-15-4	3114MP-25-15-6
2,5 x 2"	2,000"	3114MP-25-20-4	3114MP-25-20-6
3 x 1"	9,000"		3114MP-30-10-6
3 x 1,5"	7,000"	3114MP-30-15-4	3114MP-30-15-6
3 x 2"	4,000"	3114MP-30-20-4	3114MP-30-20-6
3 x 2,5"	2,000"	3114MP-30-25-4	3114MP-30-25-6
4 x 1"	13,000"		3114MP-40-10-6
4 x 1,5"	11,125"	3114MP-40-15-4	3114MP-40-15-6
4 x 2"	8,000"	3114MP-40-20-4	3114MP-40-20-6
4 x 2,5"	7,125"	3114MP-40-25-4	3114MP-40-25-6
4 x 3"	4,000"	3114MP-40-30-4	3114MP-40-30-6
6 x 4"	7,000"	3114MP-60-40-4	

Other diameters available upon request.

**ADAPTERS, TRI-CLAMP® x NPTM, POLISHED # 7  
MODEL CA21MP**

**TRI-CLAMP®**

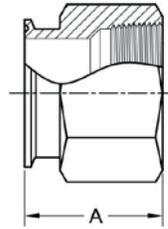


SIZE	DIMENSIONS as per diagram	SERIES # 21MP Stainless Steel 304	SERIES # 21MP Stainless Steel 316L
OD (TC x NPTM)	A	PART #	PART #
1 x 0,5"	2,190"		CA21MP-10-050-6
1 x 0,75"	2,190"		CA21MP-10-075-6
1 x 1"	2,250"		CA21MP-10-10-6
1,5 x 0,25"	2,200"	CA21MP-15-025-4	CA21MP-15-025-6
1,5 x 0,50"	2,150"	CA21MP-15-050-4	CA21MP-15-050-6
1,5 x 0,75"	2,200"	CA21MP-15-075-4	CA21MP-15-075-6
1,5 x 1,25"	2,460"	CA21MP-15-125-4	
1,5 x 1"	2,250"	CA21MP-15-10-4	CA21MP-15-10-6
1,5 x 1,5"	2,583"	CA21MP-15-15-4	CA21MP-15-15-6
1,5 x 2 "	2,550"		CA21MP-15-20-6
2 x 0,25"	2,250"	CA21MP-20-025-4	CA21MP-20-025-6
2 x 0,50"	2,250"	CA21MP-20-050-4	
2 x 1"	2,450"	CA21MP-20-10-4	
2 x 1,5"	2,450"	CA21MP-20-15-4	CA21MP-20-15-6
2 x 2"	2,638"	CA21MP-20-20-4	CA21MP-20-20-6
2 x 2,5"	2,835"	CA21MP-20-25-4	CA21MP-20-25-6
2,5 x 1,5"	2,750"		CA21MP-25-15-6
2,5 x 2"	2,750"	CA21MP-25-20-4	CA21MP-25-20-6
2,5 x 2,5"	2,874"	CA21MP-25-25-4	CA21MP-25-25-6
3 x 1,5"	3,000"		CA21MP-30-15-6
3 x 2"	2,550"		CA21MP-30-20-6
3 x 2,5"	3,000"		CA21MP-30-25-6
3 x 3"	3,000"	CA21MP-30-30-4	CA21MP-30-30-6
4 x 3"	3,100"		CA21MP-40-30-6

Other diameters available upon request.

**ADAPTERS, TRI-CLAMP® x NPTF, POLISHED # 7  
MODEL CAF22MP**

**TRI-CLAMP®**

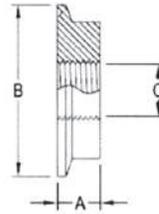


SIZE	DIMENSIONS as per diagram	SERIES # 22MP Stainless Steel 304	SERIES # 22MP Stainless Steel 316L
OD (TC x NPTF)	A	PART #	PART #
1 x 0,50"	1,630"		CAF22MP-10-050-6
1 x 0,75"	1,630"		CAF22MP-10-075-6
1 x 1"	1,630"		CAF22MP-10-10-6
1,5 x 0,25"	1,630"		CAF22MP-15-025-6
1,5 x 0,50"	1,630"		CAF22MP-15-050-6
1,5 x 0,75"	1,630"		CAF22MP-15-075-6
1,5 x 1"	1,630"		CAF22MP-15-10-6
1,5 x 1,25"	1,700"		CAF22MP-15-125-6
1,5 x 1,5"	2,250"		CAF22MP-15-15-6
2 x 1"	1,700"		CAF22MP-20-10-6
2 x 1,25"	1,750"		CAF22MP-20-125-6
2 x 1,5"	1,750"		CAF22MP-20-15-6
2 x 2"	2,300"		CAF22MP-20-20-6
2,5 x 1,5"	1,700"		CAF22MP-25-15-6
2,5 x 2"	1,700"		CAF22MP-25-20-6
2,5 x 2,5"	2,100"		CAF22MP-25-25-6
3 x 2"	2,000"		CAF22MP-30-20-6
3 x 2,5"	2,200"		CAF22MP-30-25-6
3 x 3"	2,200"		CAF22MP-30-30-6
4 x 1,5"	2,200"		CAF22MP-40-15-6
4 x 2"	2,200"		CAF22MP-40-20-6
4 x 2,5"	2,200"		CAF22MP-40-25-6
4 x 3"	2,200"		

Other diameters, threads and materials available on request.

**THERMOMETER CAPS, TRI-CLAMP® x NPTF, POLISHED # 7  
MODEL THCL**

**TRI-CLAMP®**

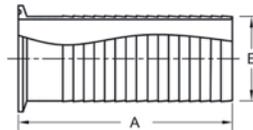


SIZE	DIMENSIONS as per diagram			SERIES # 23BMP Stainless Steel 316L
	A	B	C	PART #
1,00" & 1,50"	0,625"	1,984"	1/4" NPTF	THCL150-25-316L
1,00" & 1,50"	0,625"	1,984"	1/2" NPTF	THCL150-50-316L
2,00"	0,625"	2,516"	1/4" NPTF	THCL200-25-316L
2,00"	0,625"	2,516"	1/2" NPTF	THCL200-50-316L
2,50"	0,625"	3,047"	1/4" NPTF	THCL250-25-316L
2,50"	0,625"	3,047"	1/2" NPTF	THCL250-50-316L
3,00"	0,625"	3,579"	1/4" NPTF	THCL300-25-316L
3,00"	0,625"	3,579"	1/2" NPTF	THCL300-50-316L
4,00"	0,625"	4,682"	1/4" NPTF	THCL400-25-316L
4,00"	0,625"	4,682"	1/2" NPTF	THCL400-50-316L

Other diameters available upon request.

**ADAPTERS, TRI-CLAMP® x HOSE BARB, 3A APPROVED  
MODEL HB14MPHRL**

**TRI-CLAMP®**

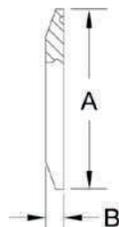


SIZE	DIMENSIONS as per diagram		SERIES # 14MPHRL Stainless Steel 316L
	A	B	PART #
1,00"	3,500"	1,030"	HB14MPHRL-100-6L
1,50"	5,000"	1,530"	HB14MPHRL-150-6L
2,00"	5,000"	2,030"	HB14MPHRL-200-6L
2,50"	5,500"	2,530"	HB14MPHRL-250-6L
3,00"	5,500"	3,030"	HB14MPHRL-300-6L
4,00"	5,500"	4,030"	HB14MPHRL-400-6L
6,00"	5,500"	6,00"	HB14MPHRL-600-6L

Other diameters available upon request.

**SOLID END CAPS, POLISHED # 7, 3A APPROVED  
MODEL CAP**

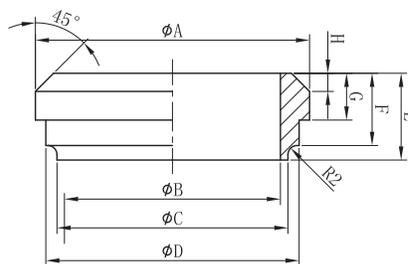
**TRI-CLAMP®**



SIZE	DIMENSIONS as per diagram		SERIES # 16AMP Stainless Steel 304	SERIES # 16AMP Stainless Steel 316L
	A	B	PART #	PART #
0,50" & 0,75"	0,992"	0,187"	CAP050-304	CAP050-316L
1,00" & 1,50"	1,984"	0,250"	CAP150-304	CAP150-316L
2,00"	2,516"	0,250"	CAP200-304	CAP200-316L
2,50"	3,047"	0,250"	CAP250-304	CAP250-316L
3,00"	3,579"	0,250"	CAP300-304	CAP300-316L
4,00"	4,682"	0,250"	CAP400-304	CAP400-316L
6,00"	6,570"	0,437"	CAP600-304	CAP600-316L
8,00"	8,600"	0,437"	CAP800-304	

Other diameters available upon request.

**SHORT PLAIN BEVEL SEAT WELD FERRULES, POLISHED #7, 3A APPROVED  
MODEL 14PRF**

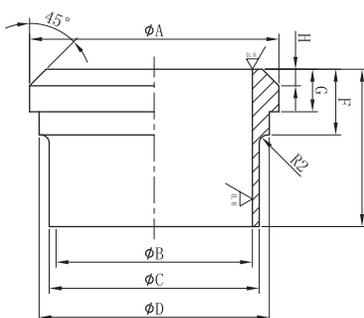


**BEVEL**

SIZE	DIMENSIONS as per diagram								SERIES # 14PRF Stainless Steel 304	
	OD	A	B	C	D	E	F	G	H	PART #
2,00"	2,374"	1,870"	2,000"	2,193"	0,752"	0,626"	0,406"	0,157"		SS14PRF-200-304
2,50"	2,906"	2,370"	2,500"	2,709"	0,878"	0,657"	0,437"	0,173"		SS14PRF-250-304
3,00"	3,437"	2,870"	3,000"	3,224"	0,909"	0,720"	0,469"	0,189"		SS14PRF-300-304
4,00"	4,500"	3,835"	4,000"	4,256"	1,031"	0,811"	0,563"	0,220"		SS14PRF-400-304

Other diameters and materials available upon request.

**LONG PLAIN BEVEL SEAT WELD FERRULES, POLISHED #7, 3A APPROVED  
MODEL 14A**



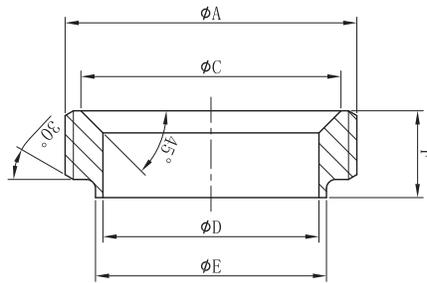
**BEVEL**

SIZE	DIMENSIONS as per diagram								SERIES # 14A Stainless Steel 304	
	OD	A	B	C	D	E	F	G	H	PART #
2,00"	2,374"	1,870"	2,000"	2,193"	1,500"	0,626"	0,405"	0,157"		SS14A-200-304
2,50"	2,906"	2,370"	2,500"	2,709"	1,752"	0,657"	0,437"	0,173"		SS14A-250-304
3,00"	3,437"	2,870"	3,000"	3,224"	1,752"	0,720"	0,469"	0,189"		SS14A-300-304

Other diameters and materials available upon request.

**SHORT THREADED BEVEL SEAT WELD FERRULES, POLISHED #7, 3A APPROVED  
MODEL 15TRF**

**BEVEL**

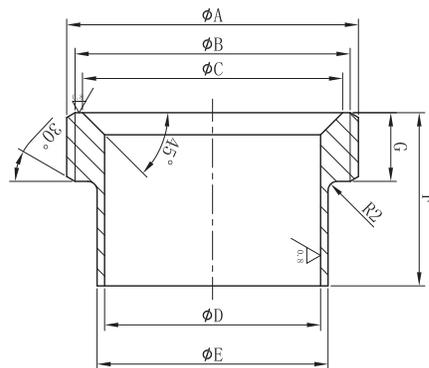


SIZE	DIMENSIONS as per diagram					SERIES # 15TRF Stainless Steel 304	
OD	A	C	D	E	F	PART #	
1,50"	1,994"	1,720"	1,374"	1,500"	0,720"	SS15TRF-150-304	
2,00"	2,526"	2,252"	1,870"	2,000"	0,752"	SS15TRF-200-304	
2,50"	3,058"	2,783"	2,370"	2,500"	0,874"	SS15TRF-250-304	
3,00"	3,590"	3,315"	2,870"	3,000"	0,909"	SS15TRF-300-304	
4,00"	4,695"	4,307"	3,835"	4,000"	1,031"	SS15TRF-400-304	

Other diameters and materials available upon request.

**LONG THREADED BEVEL SEAT WELD FERRULES, POLISHED #7, 3A APPROVED  
MODEL 15A**

**BEVEL**

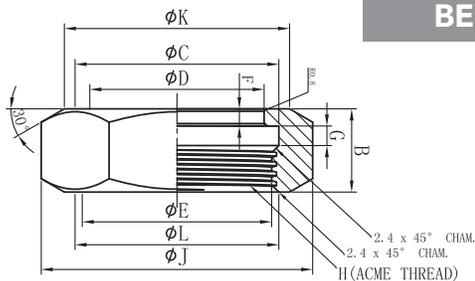
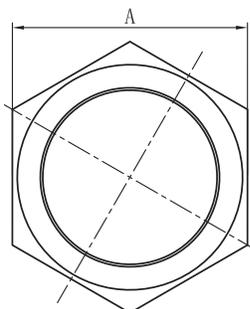


SIZE	DIMENSIONS as per diagram							SERIES # 15A Stainless Steel 304	
OD	A	B	C	D	E	F	G	PART #	
1,50"	1,994"	1,850"	1,720"	1,370"	1,500"	1,500"	0,563"	SS15A-150-304	
2,00"	2,526"	2,382"	2,252"	1,870"	2,000"	1,500"	0,594"	SS15A-200-304	
2,50"	3,058"	2,913"	2,783"	2,370"	2,500"	1,752"	0,720"	SS15A-250-304	
3,00"	3,590"	3,445"	3,315"	2,870"	3,000"	1,752"	0,752"	SS15A-300-304	

Other diameters and materials available upon request.

**BEVEL SEAT UNION HEX NUT, POLISHED #7, 3A APPROVED  
MODEL 13H**

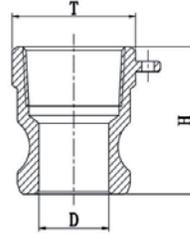
**BEVEL**



SIZE	DIMENSIONS as per diagram											SERIES # 13H Stainless Steel 304
OD	A	B	C	D	E	F	G	H	J	K	L	PART #
1,50"	2,406"	0,969"	2,079"	1,709"	1,884"	0,220"	0,250"	8T	2,780"	2,281"	2,030"	BS13H-150-304
2,00"	3,000"	1,063"	2,600"	2,224"	2,417"	0,220"	0,250"	8T	3,465"	2,874"	2,561"	BS13H-200-304
2,50"	3,595"	1,189"	3,142"	2,740"	2,949"	0,220"	0,250"	8T	4,150"	3,469"	3,094"	BS13H-250-304
3,00"	4,189"	1,281"	3,675"	3,256"	3,496"	0,250"	0,250"	8T	4,835"	4,063"	3,626"	BS13H-300-304
4,00"	5,421"	1,500"	4,780"	4,287"	4,543"	0,250"	0,377"	6T	6,260"	5,280"	4,728"	BS13H-400-304

Other diameters and materials available upon request.

## CAMLOCK COUPLINGS, TYPE A MODEL CAMA

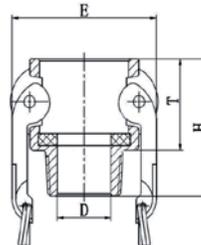


**CAMLOCK**

SIZE	DIMENSIONS as per diagram				SERIES CAMA Stainless Steel 304	SERIES CAMA Stainless Steel 316L
OD	T	H	D	PART #		
0,5"	0,976"	1,346"	0,591"			CAMA-050-6L
0,75"	1,272"	1,551"	0,819"			CAMA-075-6L
1,00"	1,504"	1,772"	1,000"			CAMA-100-6L
1,25"	1,890"	2,106"	1,220"			CAMA-125-6L
1,50"	2,114"	1,988"	1,575"			CAMA-150-6L
2,00"	2,583"	2,236"	1,890"			CAMA-200-6L
2,50"	3,217"	2,795"	2,362"			
3,00"	3,724"	2,756"	3,059"			CAMA-300-6L
4,00"	4,764"	2,717"	4,106"			CAMA-400-6L

Other diameters and materials available on request.

## CAMLOCK COUPLINGS, TYPE B MODEL CAMB



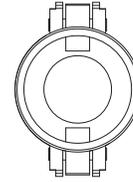
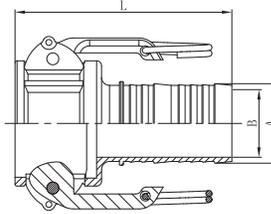
**CAMLOCK**

SIZE	DIMENSIONS as per diagram				SERIES CAMB Stainless Steel 304	SERIES CAMB Stainless Steel 316L
OD	E	T	H	D	PART #	
0,5"	1,673"	1,130"	1,752"	0,571"		CAMB-050-6L
0,75"	2,047"	1,339"	1,988"	0,795"		CAMB-075-6L
1,00"	2,362"	1,496"	2,264"	0,984"		CAMB-100-6L
1,25"	2,933"	1,772"	2,571"	1,299"		CAMB-125-6L
1,50"	3,244"	1,748"	2,539"	1,614"		CAMB-150-6L
2,00"	3,622"	1,949"	2,783"	2,047"		CAMB-200-6L
2,50"	4,173"	2,047"	3,091"	2,575"		
3,00"	5,118"	2,165"	3,307"	2,953"		
4,00"	6,220"	2,205"	3,417"	4,016"		

EPDM gasket included.

Other diameters and materials available on request.

## CAMLOCK COUPLINGS, TYPE C, 6 SHANKS MODEL CAMC



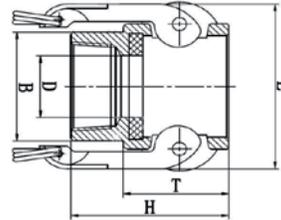
**CAMLOCK**

SIZE	DIMENSIONS as per diagram			SERIES CAMC Stainless Steel 304	SERIES CAMC Stainless Steel 316L
	OD	A	B	L	PART #
0,5"	0,551"	0,335"	2,776"		CAMC-050-6S-6L
0,75"	0,807"	0,571"	3,130"		CAMC-075-6S-6L
1,00"	1,063"	0,787"	3,701"		CAMC-100-6S-6L
1,25"	1,280"	1,043"	4,094"		CAMC-125-6S-6L
1,50"	1,575"	1,339"	4,291"		CAMC-150-6S-6L
2,00"	2,067"	1,831"	4,961"		CAMC-200-6S-6L
2,50"					
3,00"	3,070"	2,756"	5,709"		CAMC-300-6S-6L
4,00"					

EPDM gasket included.

Other diameters and materials available on request.

## CAMLOCK COUPLINGS, TYPE D MODEL CAMD



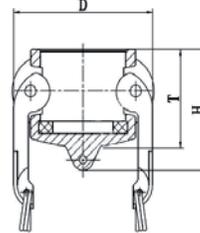
**CAMLOCK**

SIZE	DIMENSIONS as per diagram					SERIES CAMD Stainless Steel 304	SERIES CAMD Stainless Steel 316L
	OD	E	T	H	D	B	PART #
0,5"	1,673"	1,161"	1,752"	0,579"	1,004"		CAMD-050-6L
0,75"	2,047"	1,339"	1,929"	0,768"	1,220"		CAMD-075-6L
1,00"	2,390"	1,508"	2,303"	0,984"	1,457"		CAMD-100-6L
1,25"	2,913"	1,772"	2,480"	1,181"	1,831"		CAMD-125-6L
1,50"	3,287"	1,764"	2,598"	1,555"	2,071"		CAMD-150-6L
2,00"	3,661"	1,969"	2,835"	1,929"	2,512"		CAMD-200-6L
2,50"	4,331"	2,047"	3,150"	2,244"	3,150"		
3,00"	5,236"	2,185"	3,287"	2,992"	3,701"		CAMD-300-6L
4,00"	6,339"	2,224"	3,465"	3,583"	4,724"		

EPDM gasket included.

Other diameters and materials available on request.

## CAMLOCK COUPLINGS, TYPE DC MODEL CAMDC



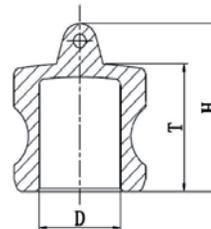
**CAMLOCK**

SIZE	DIMENSIONS as per diagram			SERIES CAMDC Stainless Steel 304	SERIES CAMDC Stainless Steel 316L
	OD	T	H	D	PART #
0,5"	1,299"	1,496"	1,673"		CAMDC-050-6L
0,75"	1,449"	1,811"	2,035"		CAMDC-075-6L
1,00"	1,732"	2,047"	2,362"		CAMDC-100-6L
1,25"	1,969"	2,283"	2,913"		CAMDC-125-6L
1,50"	1,969"	2,283"	3,209"		CAMDC-150-6L
2,00"	2,244"	2,598"	3,622"		CAMDC-200-6L
2,50"	2,343"	2,756"	4,114"		
3,00"	2,441"	2,835"	4,224"		CAMDC-300-6L
4,00"	2,480"	2,953"	6,043"		

EPDM gasket included.

Other diameters and materials available on request.

## CAMLOCK COUPLINGS, TYPE DP MODEL CAMDP

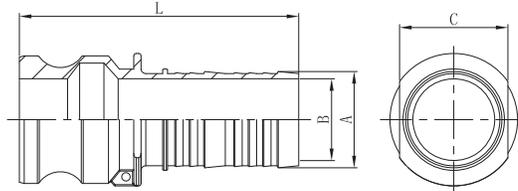


**CAMLOCK**

SIZE	DIMENSIONS as per diagram			SERIES CAMDP Stainless Steel 304	SERIES CAMDP Stainless Steel 316L
	OD	T	H	D	PART #
0,5"	1,083"	1,409"	0,610"		CAMDP-050-6L
0,75"	1,181"	1,496"	0,866"		CAMDP-075-6L
1,00"	1,358"	1,713"	1,024"		CAMDP-100-6L
1,25"	1,673"	2,008"	1,220"		CAMDP-125-6L
1,50"	1,732"	2,028"	1,496"		CAMDP-150-6L
2,00"	1,969"	2,362"	1,870"		CAMDP-200-6L
2,50"	1,969"	2,402"	2,362"		
3,00"	2,228"	2,677"	3,024"		CAMDP-300-6L
4,00"	2,303"	2,717"	4,055"		

Other diameters and materials available on request.

## CAMLOCK COUPLINGS, TYPE E, 6 SHANKS MODEL CAME

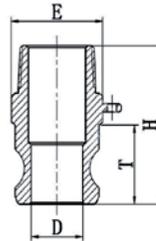


**CAMLOCK**

SIZE	DIMENSIONS as per diagram				SERIES CAME Stainless Steel 304	SERIES CAME Stainless Steel 316L
	OD	A	B	C	L	PART #
0,5"	0,551"	0,335"	0,709"	2,953"		CAME-050-6S-6L
0,75"	0,807"	0,571"	0,945"	3,366"		CAME-075-6S-6L
1,00"	1,063"	0,787"	1,260"	3,976"		CAME-100-6S-6L
1,25"	1,280"	1,043"	1,457"	4,390"		CAME-125-6S-6L
1,50"	1,575"	1,339"	1,772"	4,567"		CAME-150-6S-6L
2,00"	2,067"	1,831"	2,126"	5,394"		CAME-200-6S-6L
2,50"						
3,00"	2,992"	2,736"	3,051"	6,062"		CAME-300-6S-6L
4,00"						

Other diameters and materials available on request.

## CAMLOCK COUPLINGS, TYPE F MODEL CAMF



**CAMLOCK**

SIZE	DIMENSIONS as per diagram				SERIES CAMF Stainless Steel 304	SERIES CAMF Stainless Steel 316L
	OD	E	H	D	T	PART #
0,5"	0,965"	2,008"	0,591"	1,083"		CAMF-050-6L
0,75"	1,260"	2,087"	0,846"	1,299"		CAMF-075-6L
1,00"	1,449"	2,433"	0,984"	1,299"		CAMF-100-6L
1,25"	1,799"	2,835"	1,220"	1,594"		CAMF-125-6L
1,50"	2,126"	2,933"	1,555"	1,614"		CAMF-150-6L
2,00"	2,500"	3,051"	1,909"	1,732"		CAMF-200-6L
2,50"	3,004"	3,524"	2,402"	1,890"		CAMF-250-6L
3,00"	3,583"	3,752"	2,965"	1,969"		CAMF-300-6L
4,00"	4,705"	3,996"	4,055"	2,008"		

Other diameters and materials available on request.

# Sanitary / SS Valves & Related Products



**PITANCO**  
PRECISION

ISO 9001

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**BALL VALVES, NPT, 1000 WOG, FULL PORT, LOCKABLE HANDLE, CRN APPROVED  
MODEL R600**

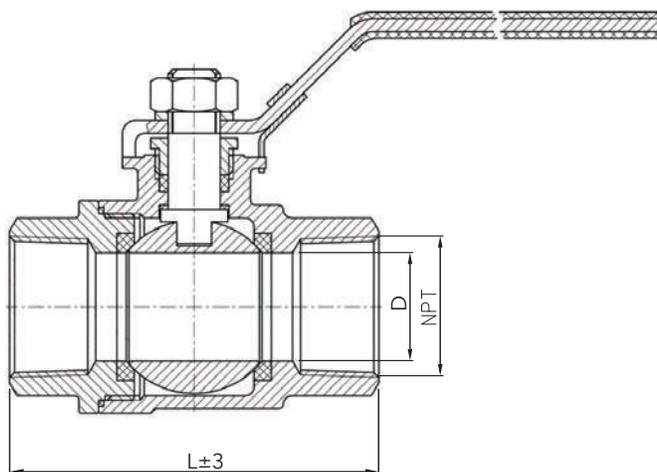
**NPT**



**SERIES # R600**



**SERIES # R600HD**

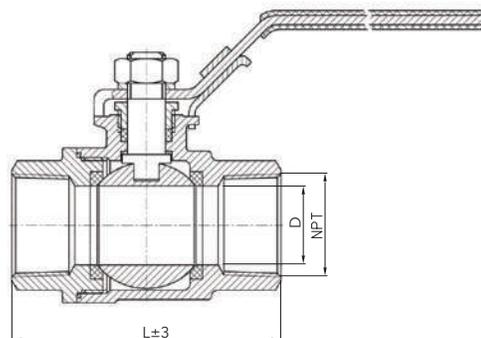


SIZE	DIMENSIONS as per diagram		SERIES # R600 Stainless Steel 304	SERIES # R600HD Stainless Steel 316L - HEAVY DUTY
	OD	D	L	PART #
0,25"	0,3937"	2,1654"	R600-0250-4	R600HD-0250-6L
0,375"	0,4724"	2,1654"	R600-0375-4	R600HD-0375-6L
0,50"	0,5906"	2,1654"	R600-0500-4	R600HD-0500-6L
0,75"	0,7874"	2,4409"	R600-0750-4	R600HD-0750-6L
1,00"	0,9843"	2,9528"	R600-1000-4	R600HD-1000-6L
1,25"	1,2598"	3,3661"	R600-1250-4	R600HD-1250-6L
1,50"	1,4961"	3,8189"	R600-1500-4	R600HD-1500-6L
2,00"	1,9291"	4,2126"	R600-2000-4	R600HD-2000-6L
2,50"	2,5197"	5,6693"	R600-2500-4	R600HD-2500-6L
3,00"	3,1102"	6,6535"	R600-3000-4	R600HD-3000-6L

Other thread available on request.

**BALL VALVES, NPT, 2000 WOG, FULL PORT, LOCKABLE HANDLE, CRN APPROVED  
MODEL R602**

**NPT**

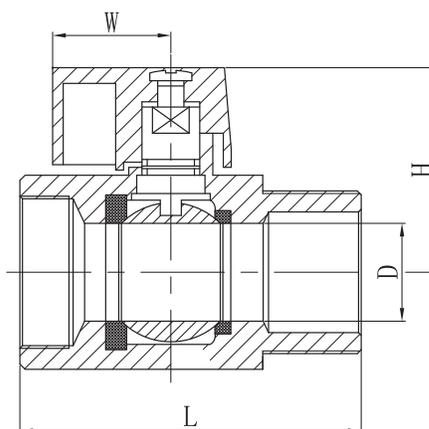


SIZE		DIMENSIONS as per diagram		SERIES # R602 Stainless Steel 304		SERIES # R602 Stainless Steel 316L	
OD	D	L	PART #		PART #		
0,25"	0,3937"	2,1062"	R602-0250-4		R602-0250-6		
0,375"	0,4724"	2,1260"	R602-0375-4		R602-0375-6		
0,50"	0,5906"	2,9528"	R602-0500-4		R602-0500-6		
0,75"	0,7874"	3,1496"	R602-0750-4		R602-0750-6		
1,00"	0,9843"	3,5039"	R602-1000-4		R602-1000-6		
1,25"	1,2598"	4,252"	R602-1250-4		R602-1250-6		
1,50"	1,4961"	4,6850"	R602-1500-4		R602-1500-6		
2,00"	1,9291"	5,4724"	R602-2000-4		R602-2000-6		
2,50"	2,5590"	6,378"	R602-2500-4		R602-2500-6		
3,00"	3,1102"	6,6929"	R602-3000-4		R602-3000-6		

Other diameters available upon request.

**MINI BALL VALVES, NPTF x NPTM, 1000 WOG, CRN APPROVED  
MODEL MBVSS25**

**NPT**



SIZE		DIMENSIONS as per diagram			SERIES # MBVSS25 Stainless Steel 304		SERIES # MBVSS25 Stainless Steel 316L	
OD	L	D	H	W	PART #		PART #	
0,25"	1,6535"	0,2756"	1,0236"	0,9055"	MBVSS25-4		MBVSS25-6L	

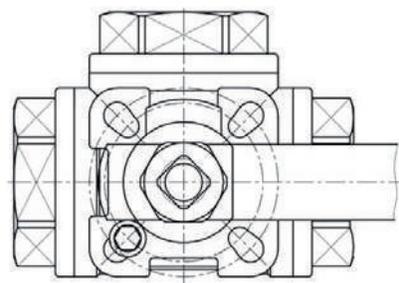
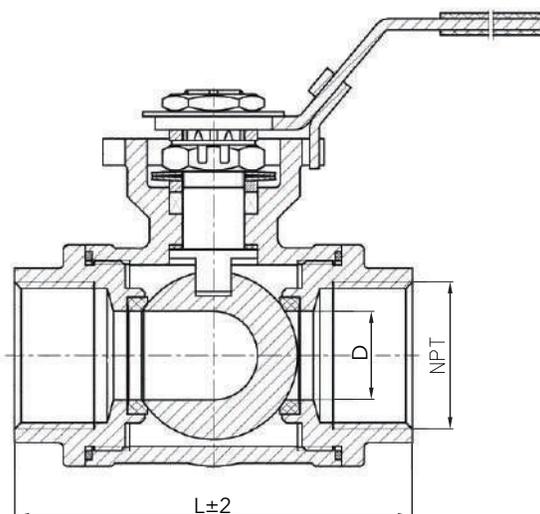
Other thread available on request.

**3 WAY L PORT BALL VALVES, NPT, 1000 WOG, REDUCED PORT, LOCKABLE HANDLE, ISO MOUNT, CRN APPROVED  
MODEL BV3W**

**NPT**



SERIES # BV3W Stainless Steel 316L	
PART #	
BV3W-050-316L	
BV3W-075-316L	
BV3W-100-316L	
BV3W-125-316L	
BV3W-150-316L	
BV3W-200-316L	
BV3W-250-316L	
BV3W-300-316L	

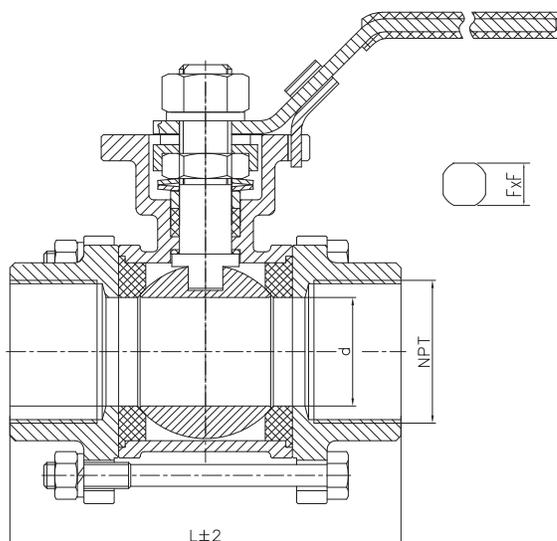
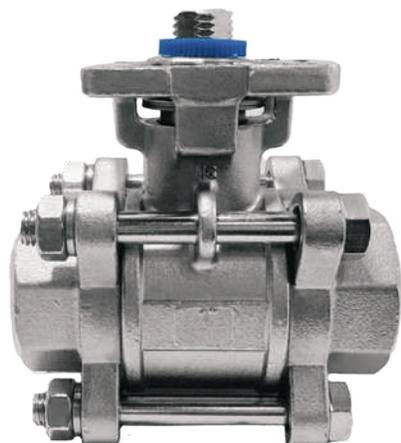


SIZE		DIMENSIONS AS PER DIAGRAM					
OD	d	L	Fx F	ISO 5211	PNEUMATIC ACTUATOR		BREAK TORQUE Inch/lb
					Double Acting	Spring return	
0,50"	0,3937"	2,7953"	9x9mm	F03/F04	PPAT52DA	PPAT52SR	80
0,75"	0,5906"	3,3071"	9x9mm	F04/F05	PPAT52DA	PPAT63SR	100
1,00"	0,7087"	3,4646"	11x11mm	F04/F05	PPAT52DA	PPAT63SR	200
1,25"	0,9449"	4,6063"	11x11mm	F04/F05	PPAT63DA	PPAT75SR	315
1,50"	1,2598"	5,2559"	14x14mm	F05/F07	PPAT63DA	PPAT83SR	400
2,00"	1,4961"	5,7874"	14x14mm	F05/F07	PPAT75DA	PPAT92SR	550
2,50"	1,9291"	6,5354"	17x17mm	F07/F10	PPAT83DA	PPAT105SR	900
3,00"	2,5590"	9,4094"	19x19mm	F07/F10	PPAT105DA	PPAT125SR	1200

Other thread available on request.

**BALL VALVES, 3 PIECES, NPT, 1000 WOG, FULL PORT,  
LOCKABLE HANDLE, ISO MOUNT, CRN APPROVED  
MODEL R801NPT**

**NPT**



**SERIES # R801NPT**  
Stainless Steel 316L

**PART #**

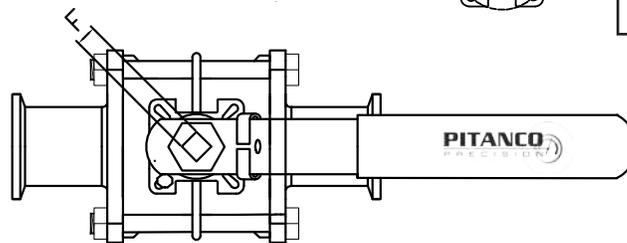
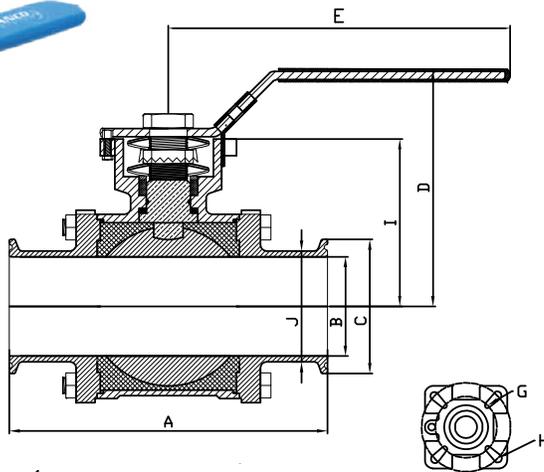
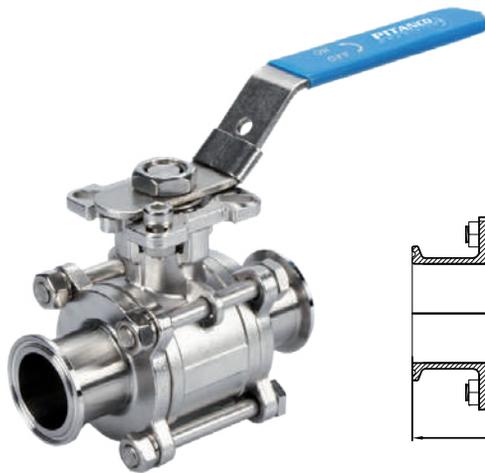
R801NPT-0250-6L
R801NPT-0375-6L
R801NPT-050-6L
R801NPT-075-6L
R801NPT-100-6L
R801NPT-125-6L
R801NPT-150-6L
R801NPT-200-6L
R801NPT-250-6L
R801NPT-300-6L
R801NPT-400-6L

SIZE	DIMENSIONS AS PER DIAGRAM						
OD	d	L	FxF	ISO 5211	PNEUMATIC ACTUATOR		BREAK TORQUE Inch/lb
					Double Acting	Spring return	
0,25"	0,3937"	2,7165"	9x9mm	F03/F04	PPAT52DA	PPAT52SR	50
0,375"	0,3937"	2,7165"	9x9mm	F03/F04	PPAT52DA	PPAT52SR	50
0,50"	0,5906"	2,7165"	9x9mm	F03/F04	PPAT52DA	PPAT52SR	50
0,75"	0,7874"	2,9921"	9x9mm	F03/F04	PPAT52DA	PPAT52SR	70
1,00"	0,9843"	3,3465"	11x11mm	F04/F05	PPAT63DA	PPAT75SR	100
1,25"	1,2598"	3,8583"	11x11mm	F04/F05	PPAT75DA	PPAT83SR	150
1,50"	1,4960"	4,3110"	14x14mm	F05/F07	PPAT83DA	PPAT92SR	225
2,00"	1,9291"	5,1181"	14x14mm	F05/F07	PPAT83DA	PPAT92SR	325
2,50"	2,5590"	6,4961"	14x14mm	F07/F10	PPAT105DA	PPAT105SR	710
3,00"	3,0709"	7,6378"	17x17mm	F07/F10	PPAT125DA	PPAT125SR	725
4,00"	3,8583"	9,8425"	17x17mm	F07/F10	PPAT125DA	PPAT140SR	1400

Other thread available on request.

**BALL VALVES, 3 PIECES, TRI-CLAMP®, ENCAPSULATED, 1000 WOG, FULL PORT, LOCKABLE HANDLE, ISO MOUNT, 3A APPROVED, CRN APPROVED  
MODEL R801CL**

**TRI-CLAMP®**



<b>SERIES # R801CL</b> Stainless Steel 316L	
<b>PART #</b>	
R801CL-050-6L	
R801CL-075-6L	
R801CL-100-6L	
R801CL-150-6L	
R801CL-200-6L	
R801CL-250-6L	
R801CL-300-6L	
R801CL-400-6L	

SIZE	DIMENSIONS AS PER DIAGRAM												
	OD	B	C	A	D	E	I	J	FxF	ISO 5211	PNEUMATIC ACTUATOR		BREAK TORQUE
											Double Acting	Spring return	Inch/lb
0,50"	0,370"	1,004"	3,563"	2,520"	5,157"	1,457"	0,590"	9x9mm	F04	F04	PPAT52DA	PPAT52SR	80
0,75"	0,620"	1,004"	4,071"	2,677"	5,157"	1,693"	0,748"	9x9mm	F04	F04	PPAT52DA	PPAT52SR	85
1,00"	0,870"	1,988"	4,496"	3,386"	6,654"	2,008"	1,142"	11x11mm	F05	F05	PPAT63DA	PPAT75SR	120
1,50"	1,370"	1,988"	5,382"	4,823"	8,386"	2,795"	1,535"	14x14mm	F07	F07	PPAT75DA	PPAT83SR	230
2,00"	1,870"	2,520"	6,031"	4,823"	8,386"	3,110"	2,126"	14x14mm	F07	F07	PPAT83DA	PPAT92SR	450
2,50"	2,370"	3,051"	6,587"	5,492"	8,386"	3,700"	2,638"	14x14mm	F07	F07	PPAT92DA	PPAT105SR	600
3,00"	2,870"	3,583"	7,571"	6,496"	12,598"	4,311"	3,110"	17x17mm	F07/F10	F07/F10	PPAT105DA	PPAT125SR	1050
4,00"	3,835"	4,685"	9,429"	6,969"	12,598"	4,842"	4,252"	17x17mm	F07/F10	F07/F10	PPAT125DA	PPAT140SR	1400

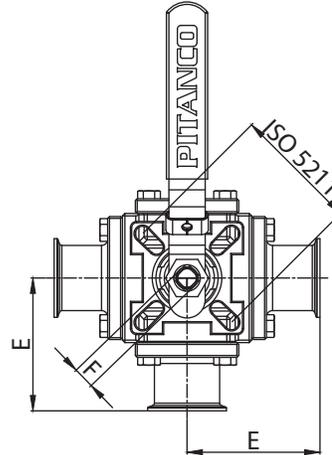
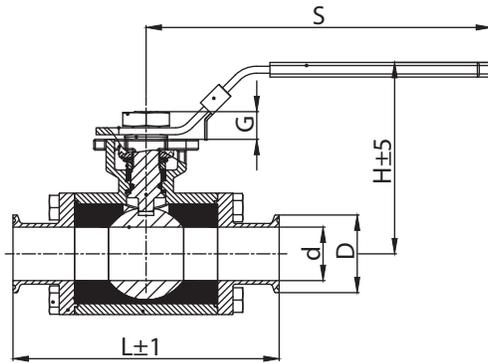
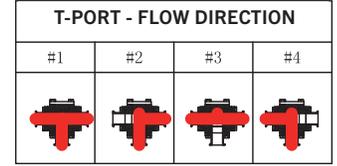
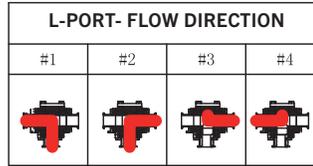
Other sizes available upon request.

PTFE (TEFLON) SEATS REPLACEMENT KIT, FDA APPROVED MODEL RKR801	SIZE	FOR BALL VALVE R801CL (ENCAPSULATED)
	OD	PART #
	0,50"	RKR801-050-PTFE
	0,75"	RKR801-075-PTFE
	1,00"	RKR801-100-PTFE
	1,25"	RKR801-125-PTFE
	1,50"	RKR801-150-PTFE
	2,00"	RKR801-200-PTFE
	2,50"	RKR801-250-PTFE
	3,00"	RKR801-300-PTFE

Other sizes available upon request.

**3 WAY BALL VALVES, TRI-CLAMP®, ENCAPSULATED, 1000 WOG, T OR L PORT, FULL PORT, LOCKABLE HANDLE, ISO MOUNT, 3A APPROVED, CRN APPROVED MODEL DR801CL**

**TRI-CLAMP®**



<b>SERIES # DR801CL</b>	
Stainless Steel 316L	
PART #	
DR801CL-050-6L-(*)	
DR801CL-100-6L-(*)	
DR801CL-150-6L-(*)	
DR801CL-200-6L-(*)	
DR801CL-300-6L-(*)	

\* = L or T Port.

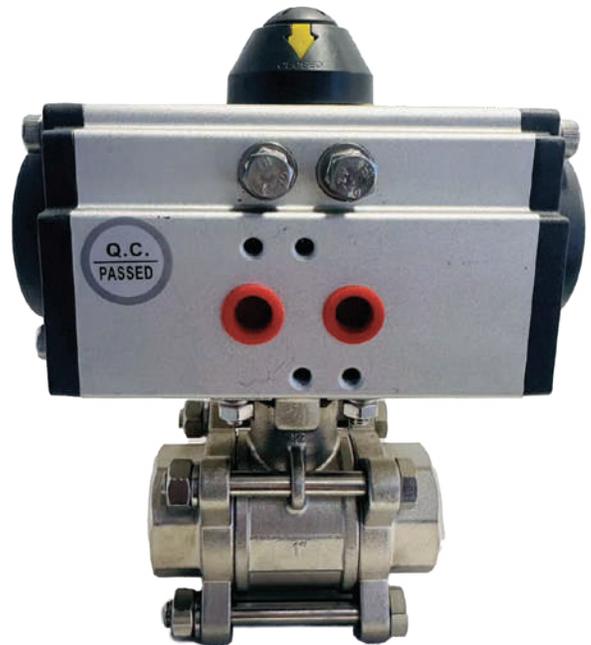
SIZE	DIMENSIONS AS PER DIAGRAM										PNEUMATIC ACTUATOR		BREAK TORQUE Inch/lb
	OD	L ±0.5	d ±0.1	D ±0.1	E ±0.5	H ±5	S ±5	G ±1	FxF	ISO 5211	Double Acting	Spring return	
0,50"	4,173"	0,370"	0,992"	2,087"	3,504"	6,654"	0,472"	9x9mm	F03/F04	PPAT52DA	PPAT52SR	90	
0,75"	4,173"	0,620"	0,992"	2,087"	3,504"	6,654"	0,472"	9x9mm	F03/F04	PPAT52DA	PPAT52SR	100	
1,00"	6,299"	0,870"	1,988"	2,087"	4,016"	6,654"	0,551"	11x11mm	F04/F05	PPAT63DA	PPAT75SR	200	
1,50"	7,205"	1,370"	1,988"	2,087"	5,000"	8,386"	0,748"	14x14mm	F05/F07	PPAT75DA	PPAT83SR	410	
2,00"	8,504"	1,870"	2,520"	4,252"	5,472"	8,386"	0,748"	17x17mm	F07/F10	PPAT83DA	PPAT105SR	700	
2,50"	9,488"	2,370"	3,051"	4,744"	6,524"	8,386"	0,787"	17x17mm	F07/F10	PPAT105DA	PPAT125SR	1300	
3,00"	9,488"	2,870"	3,583"	5,502"	6,693"	12,598"	1,024"	27x27mm	F10/F12	PPAT125DA	PPAT140SR	2200	
4,00"	12,756"	3,835"	4,685"	6,378"	7,598"	12,598"	1,024"	27x27mm	F10/F12	PPAT160DA	PPAT190SR	2500	

Other sizes available upon request.

PTFE (TEFLON) SEATS REPLACEMENT KIT, FDA APPROVED MODEL RKDR801	SIZE	FOR BALL VALVE DR801CL (ENCAPSULATED)
	OD	PART #
	0,50"	RKDR801-050-PTFE
	0,75"	
	1,00"	RKDR801-100-PTFE
	1,50"	RKDR801-150-PTFE
	2,00"	RKDR801-200-PTFE
	2,50"	
	3,00"	RKDR801-300-PTFE

Other sizes available upon request.

## PNEUMATIC ACTUATORS, DOUBLE ACTING / SPRING RETURN MODEL PPATDA & PPATSR



### SPECIFICATIONS

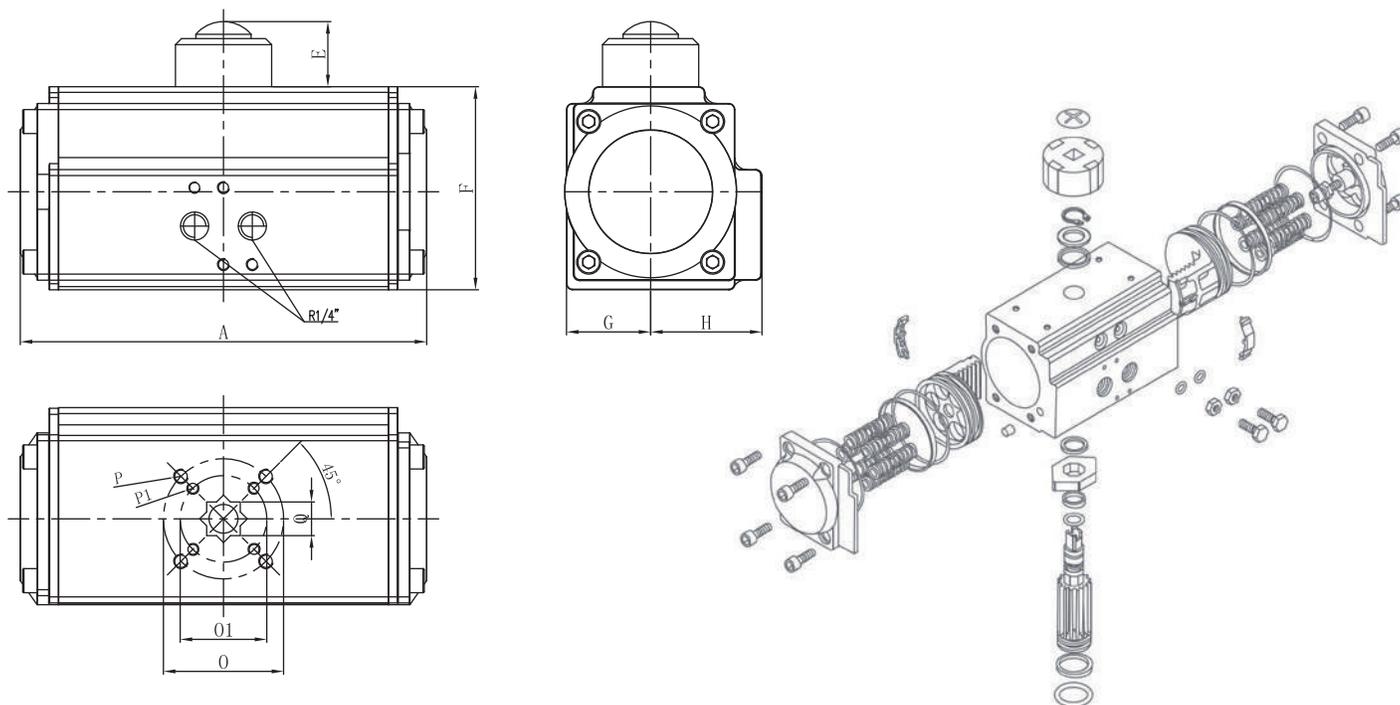
- Operating media: Dry/Lubricated air or Non-Corrosive Gas.
- Temperature of -31 / 300°F (-35 / 150°C)
- Indoor and/or outdoor application to IP67 / IP68
- All actuator selection is based on 80 PSI air inlet (maximum 115 PSI)
- Each PPATSR actuator contains 10 springs.

SERIES # PPATDA Double Acting	SERIES # PPATSR Spring Return/10
PART #	PART #
PPAT52DA	PPAT52SR
PPAT63DA	PPAT63SR
PPAT75DA	PPAT75SR
PPAT83DA	PPAT83SR
PPAT92DA	PPAT92SR
PPAT105DA	PPAT105SR
PPAT125DA	PPAT125SR
PPAT140DA	PPAT140SR

Other sizes available upon request.



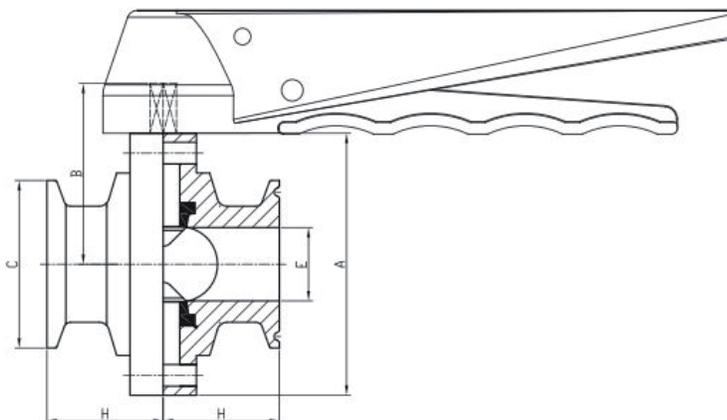
## PNEUMATIC ACTUATORS, DOUBLE ACTING / SPRING RETURN (CONTINUED) MODEL PPATDA & PPATSR



SIZE	DIMENSIONS AS PER DIAGRAM											BREAK TORQUE <i>Inch/lb</i>			WEIGHT (SR) <i>lbs</i>	
	OD	A	E	F	G	H	O1	O	P	P1	Q	ISO 5211	PPATDA	PPATSR		
														0° Start	90° End	
52	5,709"	0,866"	2,835"	1,181"	1,614"	1,417"	1,969"	4-M5	4-M6	9/11	F04/F05	163	120	81	1,5	
63	6,653"	0,866"	3,465"	1,417"	1,811"	1,967"	2,756"	4-M6	4-M8	11/14	F05/F07	286	233	170	2	
75	7,913"	0,866"	3,937"	1,654"	2,047"	1,967"	2,756"	4-M6	4-M8	14/17	F05/F07	568	371	260	3	
83	8,228"	0,866"	4,252"	1,811"	2,165"	1,967"	2,756"	4-M6	4-M8	14/17	F05/F07	894	483	356	3,6	
92	9,528"	0,866"	4,724"	2,008"	2,264"	1,967"	2,756"	4-M6	4-M8	14/17	F05/F07	1295	565	381	5,2	
105	10,827"	0,866"	5,236"	2,283"	2,520"	2,756"	4,016"	4-M8	4-M10	17/22	F07/F10	2089	1049	735	6,9	
125	13,071"	0,866"	6,102"	2,657"	2,756"	2,756"	4,016"	4-M8	4-M10	17/22	F07/F10	2682	1513	1054	10	
140	15.157"	0,866"	6,752"	2,992"	3,031"	4,016"	4,016"	4-M10	4-M12	22/27	F10/F12	4231	2647	1877	15	

**BUTTERFLY VALVES, TRI-CLAMP® 10 POSITION LOCKABLE TRIGGER HANDLE, CRN APPROVED  
MODEL BV5101TH**

**TRI-CLAMP®**



SIZE	DIMENSIONS AS PER DIAGRAM				
OD	A	B	C	E	H
1,00"	3,110"	1,949"	1,988"	0,870"	1,378"
1,50"	3,346"	2,067"	1,988"	1,370"	1,378"
2,00"	3,937"	2,362"	2,520"	1,870"	1,457"
2,50"	4,528"	2,657"	3,051"	2,370"	1,496"
3,00"	5,000"	2,894"	3,583"	2,870"	1,496"
4,00"	6,142"	3,465"	4,685"	3,843"	1,772"

Other sizes & face to face available on request.

**SERIES # BV5101**  
Stainless Steel 316L

SIZE	EPDM	CLEAR SILICONE	RED SILICONE	FKM (VITON)
OD	PART #	PART #	PART #	PART #
1,00"	BV5101TH-E-10-6	BV5101TH-ST-10-6	BV5101TH-S-10-6	BV5101TH-F-10-6
1,50"	BV5101TH-E-15-6	BV5101TH-ST-15-6	BV5101TH-S-15-6	BV5101TH-F-15-6
2,00"	BV5101TH-E-20-6	BV5101TH-ST-20-6	BV5101TH-S-20-6	BV5101TH-F-20-6
2,50"	BV5101TH-E-25-6	BV5101TH-ST-25-6	BV5101TH-S-25-6	BV5101TH-F-25-6
3,00"	BV5101TH-E-30-6	BV5101TH-ST-30-6	BV5101TH-S-30-6	BV5101TH-F-30-6
4,00"	BV5101TH-E-40-6	BV5101TH-ST-40-6	BV5101TH-S-40-6	BV5101TH-F-40-6

**SPECIFICATIONS**

Information below based on water media at 68°F/20°C.

SIZE	BREAK TORQUE (IN/LB)			PRESSURE RATING (PSI)	FLOW COEFFICIENT (C <sub>v</sub> )	WEIGHT (LB)
	SILICONE	EPDM	FKM			
1.00"	20	75	70	140	23	3,50
1.50"	40	130	125	140	80	3,10
2.00"	55	165	175	140	230	3,90
2.50"	70	210	220	110	264	4,90
3.00"	165	350	310	110	372	5,70
4.00"	350	540	450	85	800	7,80

## SEATS FOR BUTTERFLY VALVE, FDA APPROVED



### TEMPERATURE

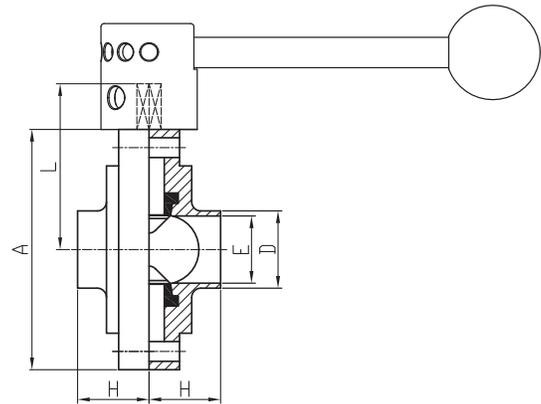
- EPDM: -40/300°F (-40/149°C)
- Clear et Red silicone: -70/420°F (-56/216°C)
- FKM (viton): -10/700°F (-23/371°C)
- Special Silicone, upon request only: -95/220°F (-70/104°C)

SIZE	EPDM 3 green dots	CLEAR SILICONE no dot	RED SILICONE no dot	FKM (VITON) 1 white dot & 1 yellow dot
OD	PART #	PART #	PART #	PART #
1,00"	SBV-E-100	SBV-ST-100	SBV-S-100	SBV-F-100
1,50"	SBV-E-150	SBV-ST-150	SBV-S-150	SBV-F-150
2,00"	SBV-E-200	SBV-ST-200	SBV-S-200	SBV-F-200
2,50"	SBV-E-250	SBV-ST-250	SBV-S-250	SBV-F-250
3,00"	SBV-E-300	SBV-ST-300	SBV-S-300	SBV-F-300
4,00"	SBV-E-400	SBV-ST-400	SBV-S-400	SBV-F-400

Other diameters available upon request.

**BUTTERFLY VALVES, BUTT WELD, 4 POSITION PULL HANDLE, CRN APPROVED  
MODEL VP5101**

**BUTT-WELD**



SIZE	DIMENSIONS AS PER DIAGRAM				
OD	A	D	E	L	H
1,00"	3,1102"	1,00"	0,8700"	1,9488"	0,9252"
1,50"	3,3465"	1,50"	1,3700"	2,0669"	0,9252"
2,00"	3,937"	2,00"	1,8700"	2,3622"	1,0236"
2,50"	4,5276"	2,50"	2,3425"	2,6575"	1,0630"
3,00"	5,000"	3,00"	2,8425"	2,8937"	1,1024"
4,00"	6,1417"	4,00"	3,8425"	3,4646"	1,1811"

Other sizes & face to face available on request.

**SERIES # VP5101  
Stainless Steel 304**

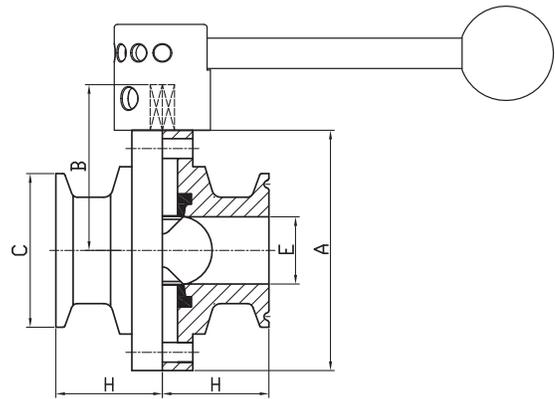
SIZE	EPDM	CLEAR SILICONE	RED SILICONE	FKM (VITON)
OD	PART #	PART #	PART #	PART #
1,00"	VP5101-E-10-4	VP5101-ST-10-4	VP5101-S-10-4	VP5101-F-10-4
1,50"	VP5101-E-15-4	VP5101-ST-15-4	VP5101-S-15-4	VP5101-F-15-4
2,00"	VP5101-E-20-4	VP5101-ST-20-4	VP5101-S-20-4	VP5101-F-20-4
2,50"	VP5101-E-25-4	VP5101-ST-25-4	VP5101-S-25-4	VP5101-F-25-4
3,00"	VP5101-E-30-4	VP5101-ST-30-4	VP5101-S-30-4	VP5101-F-30-4
4,00"	VP5101-E-40-4	VP5101-ST-40-4	VP5101-S-40-4	VP5101-F-40-4

**SERIES # VP5101  
Stainless Steel 316L**

SIZE	EPDM	CLEAR SILICONE	RED SILICONE	FKM (VITON)
OD	PART #	PART #	PART #	PART #
1,00"	VP5101-E-10-6L	VP5101-ST-10-6L	VP5101-S-10-6L	VP5101-F-10-6L
1,50"	VP5101-E-15-6L	VP5101-ST-15-6L	VP5101-S-15-6L	VP5101-F-15-6L
2,00"	VP5101-E-20-6L	VP5101-ST-20-6L	VP5101-S-20-6L	VP5101-F-20-6L
2,50"	VP5101-E-25-6L	VP5101-ST-25-6L	VP5101-S-25-6L	VP5101-F-25-6L
3,00"	VP5101-E-30-6L	VP5101-ST-30-6L	VP5101-S-30-6L	VP5101-F-30-6L
4,00"	VP5101-E-40-6L	VP5101-ST-40-6L	VP5101-S-40-6L	VP5101-F-40-6L

**BUTTERFLY VALVES, TRI-CLAMP®, 4 POSITION PULL HANDLE, CRN APPROVED  
MODEL VP5101CL**

**TRI-CLAMP®**



SIZE	DIMENSIONS AS PER DIAGRAM				
OD	A	B	C	E	H
1,00"	3,1102"	1,9488"	1,9882"	0,8700	1,3780"
1,50"	3,3465"	2,0669"	1,9882"	1,3700	1,3780"
2,00"	3,9370"	2,3622"	2,5197"	1,8700"	1,4567"
2,50"	4,5276"	2,6575"	3,0512"	2,3700"	1,4960"
3,00"	5,000"	2,8937"	3,5827"	2,8700"	1,5354"
4,00"	6,1417"	3,4646"	4,6850"	3,8425"	1,7717"
6,00"	8,4646"	4,6654"	6,5669"	5,7795"	2,4800"

Other sizes & face to face available on request.

**SERIES # VP5101CL**  
Stainless Steel 304

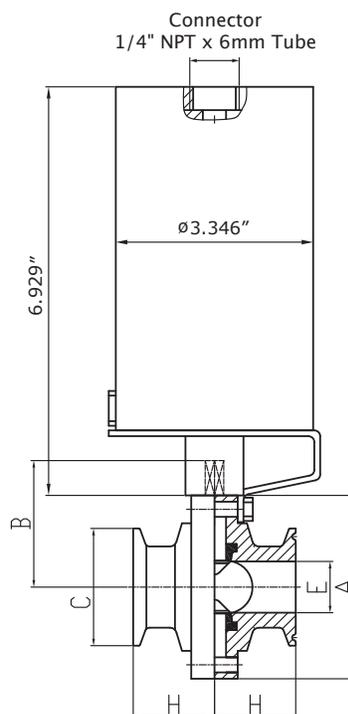
SIZE	EPDM	CLEAR SILICONE	RED SILICONE	FKM (VITON)
OD	PART #	PART #	PART #	PART #
1,00"	VP5101CL-E-10-4	VP5101CL-ST-10-4	VP5101CL-S-10-4	VP5101CL-F-10-4
1,50"	VP5101CL-E-15-4	VP5101CL-ST-15-4	VP5101CL-S-15-4	VP5101CL-F-15-4
2,00"	VP5101CL-E-20-4	VP5101CL-ST-20-4	VP5101CL-S-20-4	VP5101CL-F-20-4
2,50"	VP5101CL-E-25-4	VP5101CL-ST-25-4	VP5101CL-S-25-4	VP5101CL-F-25-4
3,00"	VP5101CL-E-30-4	VP5101CL-ST-30-4	VP5101CL-S-30-4	VP5101CL-F-30-4
4,00"	VP5101CL-E-40-4	VP5101CL-ST-40-4	VP5101CL-S-40-4	VP5101CL-F-40-4

**SERIES # VP5101CL**  
Stainless Steel 316L

SIZE	EPDM	CLEAR SILICONE	RED SILICONE	FKM (VITON)
OD	PART #	PART #	PART #	PART #
1,00"	VP5101CL-E-10-6L	VP5101CL-ST-10-6L	VP5101CL-S-10-6L	VP5101CL-F-10-6L
1,50"	VP5101CL-E-15-6L	VP5101CL-ST-15-6L	VP5101CL-S-15-6L	VP5101CL-F-15-6L
2,00"	VP5101CL-E-20-6L	VP5101CL-ST-20-6L	VP5101CL-S-20-6L	VP5101CL-F-20-6L
2,50"	VP5101CL-E-25-6L	VP5101CL-ST-25-6L	VP5101CL-S-25-6L	VP5101CL-F-25-6L
3,00"	VP5101CL-E-30-6L	VP5101CL-ST-30-6L	VP5101CL-S-30-6L	VP5101CL-F-30-6L
4,00"	VP5101CL-E-40-6L	VP5101CL-ST-40-6L	VP5101CL-S-40-6L	VP5101CL-F-40-6L
6,00"		VP5101CL-ST-60-6L		

**BUTTERFLY VALVES, TRI-CLAMP®, WITH SINGLE ACTING CANISTER TYPE ACTUATOR, CRN APPROVED  
MODEL SU30485SA**

**TRI-CLAMP®**



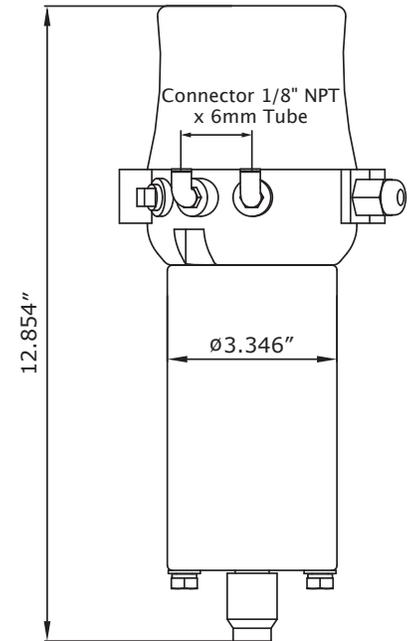
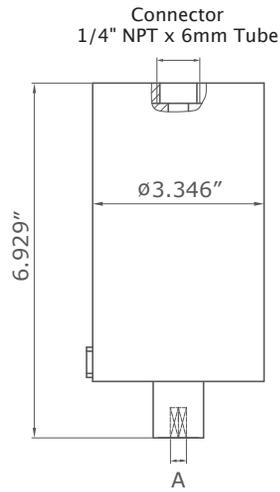
SIZE	DIMENSIONS AS PER DIAGRAM				
OD	A	B	C	E	H
1,00"	3,1102"	1,9488"	1,9882"	0,8700"	1,378"
1,50"	3,3465"	2,0669"	1,9882"	1,3700"	1,378"
2,00"	3,9370"	2,3622"	2,5197"	1,8700"	1,4567"
2,50"	4,5276"	2,6575"	3,0512"	2,3700"	1,4960"
3,00"	5,000"	2,8937"	3,5827"	2,8700"	1,5354"
4,00"	6,1417"	3,4646"	4,6850"	3,8425"	1,7717"

Other sizes & face to face available on request.

**SERIES # BV5101CL/SU30485SA**  
Stainless Steel 316L

SIZE	EPDM	CLEAR SILICONE	RED SILICONE	FKM (VITON)
OD	PART #	PART #	PART #	PART #
1,00"	SU30485SA-10CLE	SU30485SA-10CLST	SU30485SA-10CLS	SU30485SA-10CLF
1,50"	SU30485SA-15CLE	SU30485SA-15CLST	SU30485SA-15CLS	SU30485SA-15CLF
2,00"	SU30485SA-20CLE	SU30485SA-20CLST	SU30485SA-20CLS	SU30485SA-20CLF
2,50"	SU30485SA-25CLE	SU30485SA-25CLST	SU30485SA-25CLS	SU30485SA-25CLF
3,00"	SU30485SA-30CLE	SU30485SA-30CLST	SU30485SA-30CLS	SU30485SA-30CLF
4,00"	SU30485SA-40CLE	SU30485SA-40CLST	SU30485SA-40CLS	SU30485SA-40CLF

## SINGLE ACTING VERTICAL CANISTER ACTUATOR WITH OR WITHOUT POSITIONNER (WITHOUT VALVE)



DESCRIPTION	DIMENSIONS A	PART #
Single acting canister for butterfly valves 1/2" @ 2"	8mm	SU30485SA-STYLE1
Single acting canister for butterfly valves 2,50" @ 4"	10mm	SU30485SA-STYLE2
Single acting canister for butterfly valves 1/2" @ 2" with positionner (2 limit switches)	8mm	SU30485SA-LS1
Single acting canister for butterfly valves 2,50" @ 4" with positionner (2 limit switches)	10mm	SU30485SA-LS2

Note: Ball valve 3" maximum.

## MOUNTING BRACKET FOR BUTTERFLY VALVE & CANISTER TYPE ACTUATORS



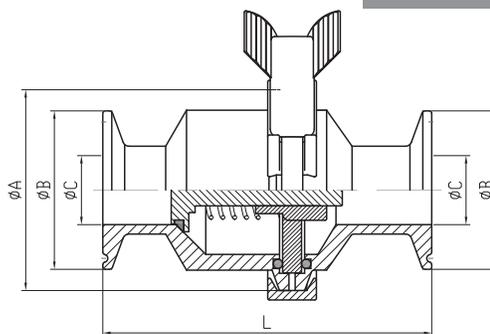
SIZE	ISO	Stainless Steel
OD		PART #
1,00"	F05/F07	BR100-4
1,50"	F05/F07	BR150-4
2,00"	F05/F07	BR200-4
2,50"	F05/F07	BR250-4
3,00"	F05/F07	BR300-4
4,00"	F05/F07	BR400-4

## CHECK VALVE, TRI-CLAMP®, POLISHED # 7, 3A APPROVED, WITH EPDM BLACK SEAT MODEL CLCV

TRI-CLAMP®

### SPECIFICATIONS

- 0.9 PSI cracking pressure
- 15 / 200°F
- 140 PSI maximum
- Black EPDM seat
- Horizontal mount only



SIZE	DIMENSIONS as per diagram				SERIES # CLCV Stainless Steel 316L	
OD	A	B	C	L	CRACKING PRESSURE (PSI)	PART #
0,50"	1,9881"	0,9843"	0,3740"	3,5000"	2,6	CLCV-050-316L
0,75"	2,5197"	0,9843"	0,6220"	3,5000"	2,6	CLCV-075-316L
1,00"	2,5197"	1,9882"	0,8700"	4,1260"	3,6	CLCV-100-316L
1,50"	3,0518"	1,9882"	1,3700"	4,5630"	3,6	CLCV-150-316L
2,00"	3,5827"	2,5197"	1,8700"	5,0630"	3,6	CLCV-200-316L
2,50"	4,1732"	3,0512"	2,3740"	5,3740"	3,6	CLCV-250-316L
3,00"	4,6850"	3,5827"	2,8740"	6,1260"	4,3	CLCV-300-316L
4,00"	5,6890"	4,6850"	3,8425"	8,1260"	4,3	CLCV-400-316L
6,00"	8,5433"	6,5669"	5,7795"	10,1575"	4,7	CLCV-600-316L

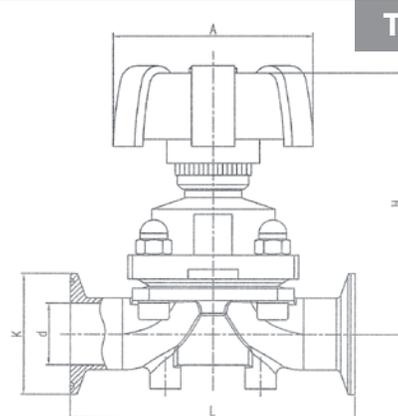
Other diameters and seat material available on request.

## DIAPHRAGM VALVE, TRI-CLAMP®, POLISHED # 7, 3A APPROVED, WITH EPDM/PTFE DIAPHRAGM MODEL DV

TRI-CLAMP®

### SPECIFICATIONS

- -4 / 302°F
- 145 PSI maximum
- EPDM/PTFE Diaphragm
- Plastic Handle

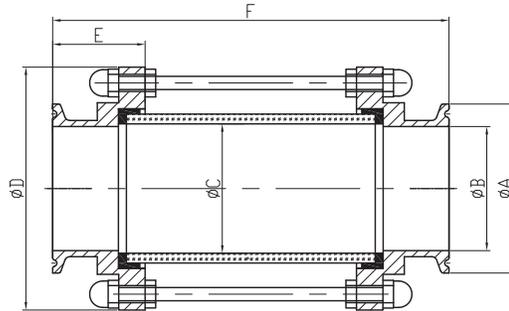


SIZE	DIMENSIONS as per diagram						SERIES # DV Stainless Steel 316L
OD	DN	L	A	Kxd	d	H	PART #
1,00"	DN25	127	90	50.5	22.1	119	DV-100-E-316L
1,50"	DN40	159	114	50.5	34.8	139	DV-150-E-316L
2,00"	DN50	190	140	64	47.5	150	DV-200-E-316L

Other diameters and seat material available on request.

**SIGHT GLASS, TRI-CLAMP®, POLISHED # 7, WITH EPDM BLACK SEAT  
MODEL SG**

**TRI-CLAMP®**



**SPECIFICATIONS**

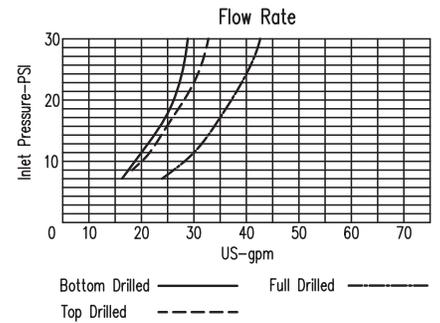
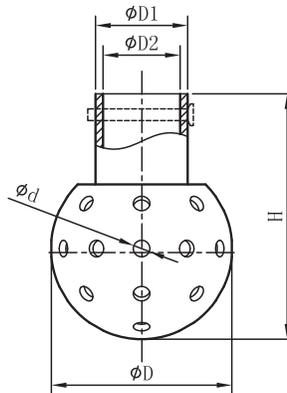
- 5 mm glass
- 200°F maximum
- 87 PSI maximum
- Black EPDM seat

SIZE	DIMENSIONS as per diagram						SERIES # B28W Stainless Steel 316L	REPAIR KIT Includes Borosilicate glass and 2 black EPDM seats
OD	A	B	C	D	E	F	PART #	PART #
1,00"	1,988"	0,870"	0,9449"	3,1102"	1,378"	5,6299"	SG100CL-6L	RKSG-100-EPDM
1,50"	1,988"	1,370"	1,378"	3,3465"	1,378"	5,7480"	SG150CL-6L	RKSG-150-EPDM
2,00"	2,5197"	1,870"	1,9685"	4,1339"	1,4567"	5,9055"	SG200CL-6L	RKSG-200-EPDM
3,00"	3,5827"	2,870"	2,9528"	4,9213"	1,5354"	6,1417"	SG300CL-6L	RKSG-300-EPDM

Other diameters and seat material available on request.

**FIXED SPRAY BALLS, 180° DOWN, 180° UP OR 360°  
MODEL BSTC**

**PIN**



SIZE	SPRAY COVERAGE	DIMENSIONS as per diagram					SERIES # STC Stainless Steel 316L
OD		D	D1	D2	H	d	PART #
1,00"	180° Down	2,078"	1,000"	0,870"	2,598"	0,079"	BSTC-10-180BT-6
1,50"		2,96"	1,500"	1,370"	3,346"	0,087"	BSTC-15-180BT-6
1,00"	180° Up	2,078"	1,000"	0,870"	2,598"	0,079"	BSTC-10-180TOP-6
1,50"		2,96"	1,500"	1,370"	3,346"	0,087"	BSTC-15-180TOP-6
1,00"	360°	2,078"	1,000"	0,870"	2,598"	0,079"	BSTC-10-360-6
1,50"		2,96"	1,500"	1,370"	3,346"	0,087"	BSTC-15-360-6

Other diameters available upon request.



# Tubing and Accessories



**STAINLESS STEEL TUBING, ANNEALED, LENGTH OF 20', 3A APPROVED  
MODEL A270**

**SURFACE FINISH**

· 32 RA OD / 20 RA ID



TUBE	GAUGE	WALL THICKNESS	SERIES # A270	SERIES # A270
			Stainless Steel 304	Stainless Steel 316L
OD			PART #	PART #
0,50"	16	0,065"	A270-050-4**	A270-050-6L**
0,75"	16	0,065"	A270-075-4	A270-075-6L
1,00"	16	0,065"	A270-100-4	A270-100-6L
1,50"	16	0,065"	A270-150-4	A270-150-6L
2,00"	16	0,065"	A270-200-4	A270-200-6L
2,50"	16	0,065"	A270-250-4	A270-250-6L
3,00"	16	0,065"	A270-300-4	A270-300-6L
4,00"	14	0,083"	A270-400-4	A270-400-6L
6,00"	12	0,109"	A270-600-4	A270-600-6L
8,00"	12	0,109"	A270-800-4	

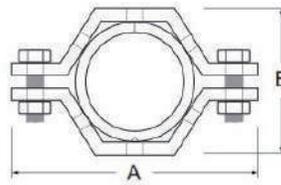
Other diameters available upon request.

\*\*Not-Annealed

**TUBING WEIGHTS & OPERATING PRESSURES**

304 STAINLESS STEEL SIZE				316L STAINLESS STEEL SIZE			
TUBE	WEIGHT PER FOOT (LB)	WORKING PRES-SURE (PSI)	BURST PRES-SURE (PSI)	TUBE	WEIGHT PER FOOT (LB)	WORKING PRES-SURE (PSI)	BURST PRES-SURE (PSI)
0,50"	0,30	4870	19500	0,50"	0,30	3250	19500
0,75"	0,48	3250	13000	0,75"	0,48	2167	13000
1,00"	0,66	2440	9800	1,00"	0,66	2280	9100
1,50"	1,00	1630	6500	1,50"	1,00	1520	6100
2,00"	1,35	1220	4900	2,00"	1,35	1140	4600
2,50"	1,70	980	3900	2,50"	1,70	910	3600
3,00"	2,05	810	3300	3,00"	2,05	760	3000
4,00"	3,50	780	3100	4,00"	3,50	730	2900
6,00"	6,92	680	2720	6,00"	6,92	635	2540
8,00"	9,30	477	1907	8,00"	9,30	450	1810

## HEXAGONAL SIZE HANGERS WITH WHITE PVC INSERT MODEL P24PS



**MAXIMUM TEMPERATURE**

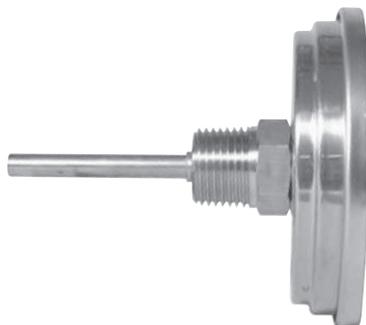
· 230°F / 110°C

TUBE OD	DIMENSIONS as per diagram		SERIES # P24PS Stainless Steel 304
	A	B	PART #
0,50"	2,687"	2,000"	P24PS-0.50
0,75"	2,687"	1,562"	P24PS-0.75
1,00"	3,625"	2,125"	P24PS-1.00
1,50"	4,312"	2,625"	P24PS-1.50
2,00"	4,312"	3,125"	P24PS-2.00
2,50"	4,850"	3,125"	P24PS-2.50
3,00"	5,500"	4,250"	P24PS-3.00
4,00"	7,500"	5,625"	P24PS-4.00
6,00"	9,750"	7,375"	P24PS-6.00
8,00"	11,470"	8,150"	P24PS-8.00

Other diameters available upon request.

***Also available in our "Pressure and Temperature"  
scope of supplies ...***

**Sanitary Tri-Clamp® Diaphragm Seals/Gauges  
(for Pharmaceutical/Food & Beverage markets)  
& Bimetal thermometers**



**Contact us for more information or visit our website  
[www.pitancoprecision.com](http://www.pitancoprecision.com)**