Section **B**



Clamp Fittings



Stainless Steel Flow Control Equipment for the Food, Beverage, Dairy, Cosmetics, Biotechnology, Pharmaceutical and Electronics Processing Industries



www.toplineonline.com

Clamp Fittings

Top Line has been supplying high quality stainless steel products to the dairy, food, beverage, pharmaceutical and other process industries for 50 years. Our commitment to fine craftsmanship, responsible service and realistic pricing has led to our company's successive years of growth.

Top Line specializes in stainless steel materials - types 304, 316, and "L grades". In addition, Top Line can also manufacture fittings in other material grades upon request.

Our modern, well-equipped manufacturing facilities are staffed by our skilled and dedicated craftsmen. Consistently meeting important tolerances and finish specifications is of primary concern to us. Before any products leave our plant they are subjected to rigid quality assurance checks.

Top Line should always be considered your first choice for both standard and custom fabricated stainless stell products.

Top Line precision crafted Clamp Fittings provide fast, sanitary and secure connections. Polished fittings meet or exceed FDA and 3A regulatory standards.

Clamp Fittings Specifications

Size Range: Materials:

Finish:

1" OD through 4" OD 304 (Stock No. Prefix 32) 316L (Stock No. Prefix 38) No. 7 - ID and OD (standard) No. 5 - OD only (special)

- No. 3 ID only (special)
 - No. 1 unpolished (special)



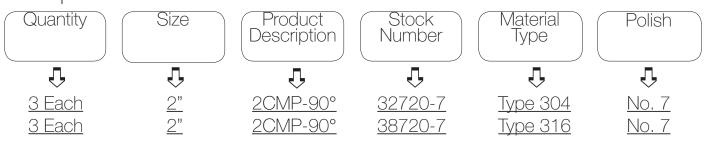
Polish specifications: 3A fittings meet or exceed 180 grit ID (32Ra) and 150 grit OD.

Ordering Specifications

Specify:

- Quantity
- Size
- Product Description
- · Stock Number
- Material Type
- · Polish Requirements

Example



LIMITED WARRANTY

Top Line Process Equipment Company products are warranted to be free of defects in material or workmanship for a period of one year from date of shipment. Warranty covers those Top Line products used in an approved installation and maintained in strict accordance with recognized standard industry practice. If, after properly authorized return, Top Line determines that products are defective, Top Line may at its option, repair or replace such defective products. Top Line shall not be liable for consequential, indirect or incidental damages. The above warranty is in lieu of all other warranties, expressed or implied.

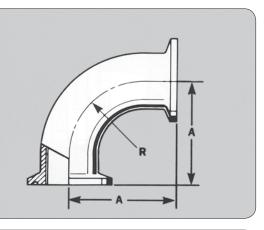
*Styles and dimensions are subject to change without notice.



ELBOWS

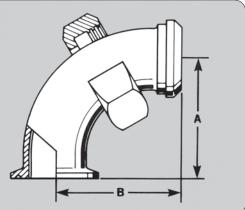
2CMP 90° ELL (3A)

SIZE (TUBE O.D.)	A	R	STOCK NO.	
1 1-1/2	2 2-3/4	1-1/2 2-1/4	32710 32715	
2 2-1/2	3-1/2 4-1/4	3 3-3/4	32720 32725	
3	5	4-1/2	32730	
4	6-5/8	6	32740	



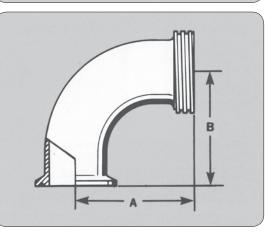
2FMP-14 90° SWEEP ELL (3A)

(SIZE				
	(TUBE O.D.)	A	В	STOCK NO.	
	1	2	2-3/16	327010	
	1-1/2	2-3/4	2-31/32	327015	
	2	3-1/2	3-23/32	327020	
	2-1/2	4-1/4	4-19/32	327025	
	3	5	5-13/32	327030	
	4	6-5/8	7-7/32	327040	
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2FMP-15 90° SWEEP ELL (3A)

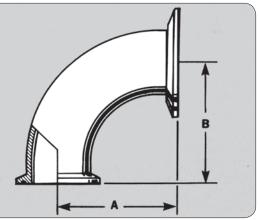
SIZE (TUBE O.D.)	А	В	STOCK NO.	
1 1-1/2	2 2-31/32	1-7/8 2-3/4	327110 327115	
2 2-1/2	3-23/32 4-19/32	3-1/2 4-1/4	327120 327125	
3	5-13/32	5	327130	
4	7-7/32	6-5/8	327140	



2CMP-31MP 90° CONCENTRIC REDUCING ELL

SIZE (TUBE O.D.)	А	В	STOCK NO.
2 X 1 2 X 1-1/2	2 2-3/4	2 2-3/4	327220 327220A
2-1/2 X 1-1/2 2-1/2 X 2	2-3/4 3-1/2	2-3/4 3-1/2	327225 327225A
3 X 1-1/2 3 X 2 3 X 2-1/2	2-3/4 3-1/2 4-1/4	2-3/4 3-1/2 4-1/4	327230 327230A 327230B
4 X 2-1/2	4-1/4	4-1/4	327240
4 X 3	5	5	327240A

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

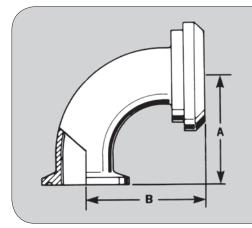


ELBOWS & TEES

CLAMP FITTINGS

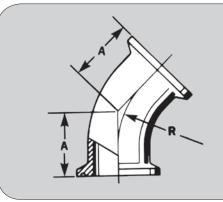


2FMP-31MP 90° ELL(3A)

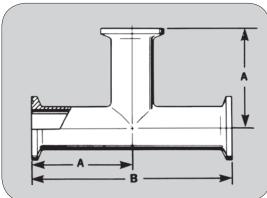


SIZE (TUBE O.D.)	А	В	STOCK NO.	
2 X 1 2 X 1-1/2	2 2-3/4	1-9/16 2-5/16	327420 327420A	
2-1/2 X 1-1/2 2-1/2 X 2	2-3/4 3-1/2	2-5/16 3-1/16	327425 327425A	
3 X 1-1/2 3 X 2 3 X 2-1/2	2-3/4 3-1/2 4-1/4	2-5/16 3-1/16 3-13/16	327430 327430A 327430B	
4 X 2-1/2	4-1/4	3-13/16	327440	
4 X 3	5	4-9/16	327440A	

2KMP 45° ELL (3A)



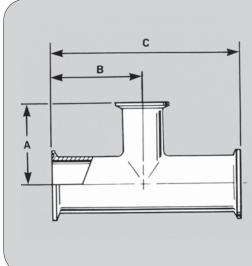
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SIZE (TUBE O.D.)	A	R	STOCK NO.	
1	1-1/8	1-1/2	32810	
1-1/2	1-7/16	2-1/4	32815	
2	1-3/4	3	32820	
2-1/2	2-1/16	3-3/4	32825	
3	2-3/8	4-1/2	32830	
4	3-1/8	6	32840	
1				



				7MP TEE (3A)
SIZE				
(TUBE O.D.)	А	В	STOCK NO.	
1	2-3/8	4-3/4	321110	
1-1/2	2-3/4	5-1/2	321115	
2	3-1/2	7	321120	
2-1/2	3-1/2	7	321125	
3	3-3/4	7-1/2	321130	
4	4-1/2	9	321140	

7RMP - REDUCING TEE (REDUCED SIZE ON BRANCH)

	SIZE				
	(TUBE O.D.)	А	В	С	STOCK NO.
	1-1/2 X 1	1-7/8	2-5/32	5-1/8	321115R10
	2 X 1 2 X 1-1/2 2-1/2 X 1	2-1/8 2-13/32 2-13/16	2-9/16 2-9/16 2-27/32	5-1/8 5-1/8 5-11/16	321120R10 321120R15 321125R10
2	2-1/2 X 1-1/2 2-1/2 X 2	2-13/16 2-13/16	3-27/32 2-27/32	5-11/16 5-11/16	321125R15 321125R20
	3 X 1 3 X 1-1/2 3 X 2 3 X 2-1/2	3-1/16 3-1/16 3-1/16 3-3/32	3-3/32 3-3/32 3-3/32 3-3/32	6-3/16 6-3/16 6-3/16 6-3/16	321130R10 321130R15 321130R20 321130R25
	4 X 1 4 X 1-1/2 4 X 2 4 X 2-1/2 4 X 3	4-7/8 4-7/8 4-7/8 4-7/8 4-7/8	4-1/16 4-1/16 4-1/16 4-1/16 4-1/16	8-1/8 8-1/8 8-1/8 8-1/8 8-1/8 8-1/8	321140R10 321140R15 321140R20 321140R25 321140R25 321140R30



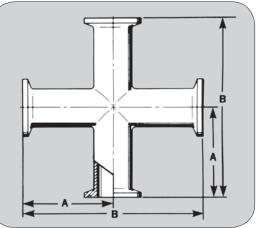
NOTE: 1" CLAMP FITTINGS USE 1-1/2" CLAMPS



CROSSES & CAPS

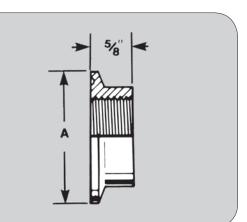
9MP CROSS (3A)

SIZE (TUBE O.D.)	A	В	STOCK NO.	
1	2-3/8	4-3/4	3210110	
1-1/2	2-3/4	5-1/2	3210115	
2	3-1/2	7	3210120	
2-1/2	3-1/2	7	3210125	
3	3-3/4	7-1/2	3210130	
4	4-1/2	9	3210140	



23BMP THERMOMETER CAP

SIZE (TUBE O.D.)	А	STOCK NO.	
1	1.984	329810B	
1-1/2	1.984	329815B	
2	2.516	329820B	
2-1/2	3.047	329825B	
3	3.579	329830B	
4	4.682	329840B	



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