



## Sanitary Butt Weld Fittings



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

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# Butt Weld Fittings

Top line precision crafted sanitary butt weld polished fittings come standard with the No. 7 ID/OD finish (32R<sub>a</sub> ID/OD) which meets or exceeds FDA and 3-A regulatory standards.

## Specifications:

Size Range: 1" OD - 4" OD, 6" OD

Wall Thickness: .065 (1" - 3")

.083 (4")

.109 (6")

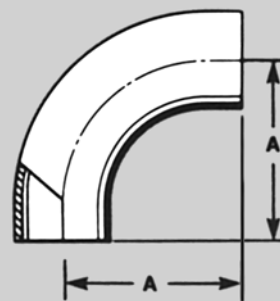
Materials: 304 (Stock No. prefix 35) as shown in part number matrix

316L (Stock No. prefix 39) as shown in part number matrix



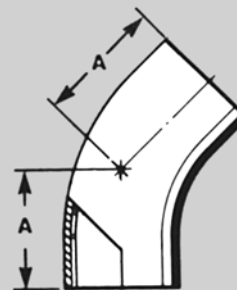
## L2S – Elbow 90° Weld Ends (3-A) 32R<sub>a</sub> ID/32R<sub>a</sub> OD

| SIZE<br>(TUBE O.D.) | A       | 304<br>STOCK NO. | 316L<br>STOCK NO. |
|---------------------|---------|------------------|-------------------|
| 1                   | 2-1/16  | 35710-7          | 39710-7           |
| 1-1/2               | 2-15/16 | 35715-7          | 39715-7           |
| 2                   | 4-1/16  | 35720-7          | 39720-7           |
| 2-1/2               | 5-3/16  | 35725-7          | 39725-7           |
| 3                   | 6-5/16  | 35730-7          | 39730-7           |
| 4                   | 8-5/16  | 35740-7          | 39740-7           |
| 6                   | 11-1/2  | 35760-7          | 39760-7           |



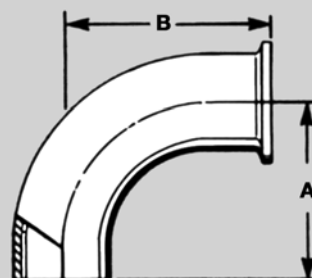
## L2KS – Elbow 45° Weld Ends (3-A) 32R<sub>a</sub> ID/32R<sub>a</sub> OD

| SIZE<br>(TUBE O.D.) | A       | 304<br>STOCK NO. | 316L<br>STOCK NO. |
|---------------------|---------|------------------|-------------------|
| 1                   | 1-3/16  | 35810-7          | 39810-7           |
| 1-1/2               | 1-5/8   | 35815-7          | 39815-7           |
| 2                   | 2-5/16  | 35820-7          | 39820-7           |
| 2-1/2               | 3       | 35825-7          | 39825-7           |
| 3                   | 3-11/16 | 35830-7          | 39830-7           |
| 4                   | 4-13/16 | 35840-7          | 39840-7           |



## L2CM – Elbow 90° Weld End x Clamp End (3-A) 32R<sub>a</sub> ID/32R<sub>a</sub> OD

| SIZE<br>(TUBE O.D.) | A       | B       | 304<br>STOCK NO. | 316L<br>STOCK NO. |
|---------------------|---------|---------|------------------|-------------------|
| 1                   | 2-1/16  | 2-9/16  | 3510510C         | 3910510           |
| 1-1/2               | 2-15/16 | 3-7/16  | 3510515C         | 3910515           |
| 2                   | 4-1/16  | 4-9/16  | 3510520C         | 3910520           |
| 2-1/2               | 5-3/16  | 5-11/16 | 3510525C         | 3910525           |
| 3                   | 6-5/16  | 6-13/16 | 3510530C         | 3910530           |
| 4                   | 8-5/16  | 8-15/16 | 3510540C         | 3910540           |
| 6                   | 11-1/2  | 12-1/4  |                  | 3910560           |



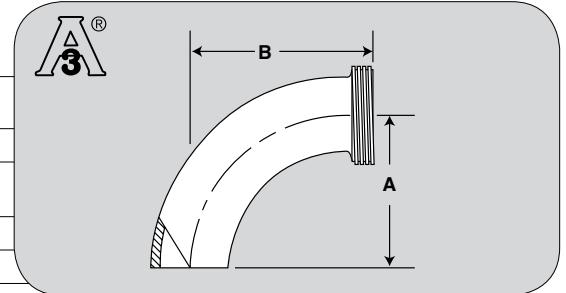
# Elbows

## Butt Weld Fittings

**TOP LINE**

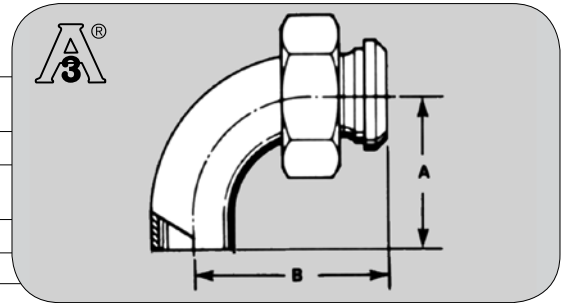
### L2C – Elbow 90° Bevel Seat Threaded End x Weld End (3-A) 32R<sub>a</sub> ID/32R<sub>a</sub> OD

| SIZE<br>(TUBE O.D.) | A       | B       | 304<br>STOCK NO. |
|---------------------|---------|---------|------------------|
| 1-1/2               | 2-15/16 | 3-21/32 | 3510515T         |
| 2                   | 4-1/16  | 4-25/32 | 3510520T         |
| 2-1/2               | 5-3/16  | 6-1/32  | 3510525T         |
| 3                   | 6-5/16  | 7-7/32  | 3510530T         |
| 4                   | 8-5/16  | 9-17/32 | 3510540T         |



### L2F – Elbow 90° Bevel Seat Plain End with Hex Nut x Weld End (3-A) 32R<sub>a</sub> ID/32R<sub>a</sub> OD

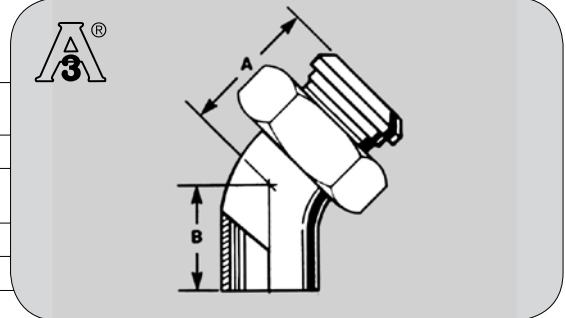
| SIZE<br>(TUBE O.D.) | A       | B       | 304<br>STOCK NO. |
|---------------------|---------|---------|------------------|
| 1-1/2               | 2-15/16 | 3-21/32 | 3510615          |
| 2                   | 4-1/16  | 4-25/32 | 3510620          |
| 2-1/2               | 5-3/16  | 6-1/32  | 3510625          |
| 3                   | 6-5/16  | 7-7/32  | 3510630          |
| 4                   | 8-5/16  | 9-17/32 | 3510640          |



HEX NUT INCLUDED

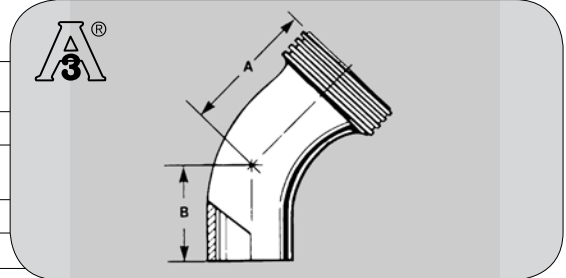
### L2P – Elbow 45° Bevel Seat Plain End with Hex Nut x Weld End (3-A) 32R<sub>a</sub> ID/32R<sub>a</sub> OD

| SIZE<br>(TUBE O.D.) | A       | B       | 304<br>STOCK NO. |
|---------------------|---------|---------|------------------|
| 1-1/2               | 2-11/32 | 1-5/8   | 3510915          |
| 2                   | 3-1/32  | 2-5/16  | 3510920          |
| 2-1/2               | 3-27/32 | 3       | 3510925          |
| 3                   | 4-19/32 | 3-11/16 | 3510930          |
| 4                   | 6-1/32  | 4-13/16 | 3510940          |



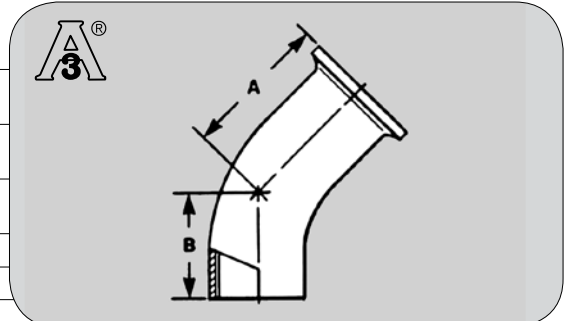
### L2K – Elbow 45° Bevel Seat Threaded End x Weld End (3-A) 32R<sub>a</sub> ID/32R<sub>a</sub> OD

| SIZE<br>(TUBE O.D.) | A       | B       | 304<br>STOCK NO. |
|---------------------|---------|---------|------------------|
| 1-1/2               | 2-11/32 | 1-5/8   | 3510815T         |
| 2                   | 3-1/32  | 2-5/16  | 3510820T         |
| 2-1/2               | 3-27/32 | 3       | 3510825T         |
| 3                   | 4-19/32 | 3-11/16 | 3510830T         |
| 4                   | 6-1/32  | 4-13/16 | 3510840T         |



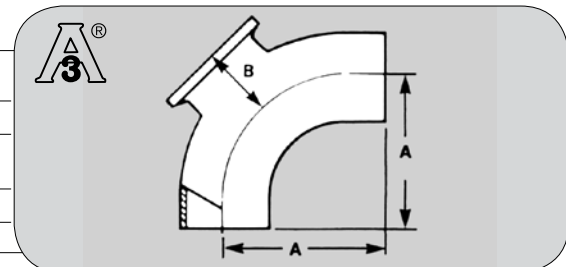
### L2KM – Elbow 45° Weld End x Clamp End (3-A) 32R<sub>a</sub> ID/32R<sub>a</sub> OD

| SIZE<br>(TUBE O.D.) | A       | B       | 304<br>STOCK NO. | 316L<br>STOCK NO. |
|---------------------|---------|---------|------------------|-------------------|
| 1                   | 1-11/16 | 1-3/16  | 3510810C         | 3910810           |
| 1-1/2               | 2-1/8   | 1-5/8   | 3510815C         | 3910815           |
| 2                   | 2-13/16 | 2-5/16  | 3510820C         | 3910820           |
| 2-1/2               | 3-1/2   | 3       | 3510825C         | 3910825           |
| 3                   | 4-3/16  | 3-11/16 | 3510830C         | 3910830           |
| 4                   | 5-7/16  | 4-13/16 | 3510840C         | 3910840           |



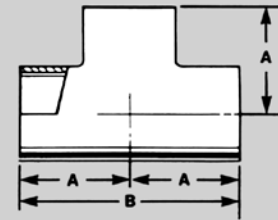
### L2CP – Elbow 90° Inspection Type Weld Ends (3-A) 32R<sub>a</sub> ID/32R<sub>a</sub> OD

| SIZE<br>(TUBE O.D.) | A       | B     | 304<br>STOCK NO. | 316L<br>STOCK NO. |
|---------------------|---------|-------|------------------|-------------------|
| 1-1/2               | 2-15/16 | 1-3/8 | 3510715          | 3910715           |
| 2                   | 4-1/16  | 1-5/8 | 3510720          | 3910720           |
| 2-1/2               | 5-3/16  | 1-7/8 | 3510725          | 3910725           |
| 3                   | 6-3/16  | 2-1/8 | 3510730          | 3910730           |
| 4                   | 8-3/16  | 2-3/4 | 3510740          | 3910740           |



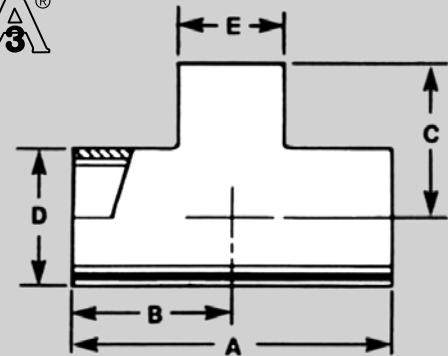
### L7WWW – Tee Weld Ends (3-A) 32R<sub>a</sub> ID/32R<sub>a</sub> OD

| SIZE<br>(TUBE O.D.) | A       | B       | 304<br>STOCK NO. | 316L<br>STOCK NO. |
|---------------------|---------|---------|------------------|-------------------|
| 1                   | 1-1/8   | 2-1/4   | 351110-7         | 391110-7          |
| 1-1/2               | 1-21/32 | 3-5/16  | 351115-7         | 391115-7          |
| 2                   | 2-1/16  | 4-1/8   | 351120-7         | 391120-7          |
| 2-1/2               | 2-11/32 | 4-11/16 | 351125-7         | 391125-7          |
| 3                   | 2-19/32 | 5-3/16  | 351130-7         | 391130-7          |
| 4                   | 3-7/16  | 6-7/8   | 351140-7         | 391140-7          |



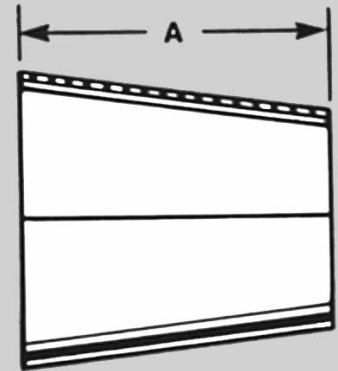
### L7RWWW – Tee Reducing Weld Ends (3-A) 32R<sub>a</sub> ID/32R<sub>a</sub> OD

| SIZE<br>(TUBE O.D.) | A       | B       | C       | D     | E     | 304<br>STOCK NO. | 316L<br>STOCK NO. |
|---------------------|---------|---------|---------|-------|-------|------------------|-------------------|
| 1-1/2 X 1           | 3-5/16  | 1-21/32 | 1-3/8   | 1-1/2 | 1     | 351115R10        | 391115R10         |
| 2 X 1               | 4-1/8   | 2-1/16  | 1-5/8   | 2     | 1     | 351120R10        | 391120R10         |
| 2 X 1-1/2           | 4-1/8   | 2-1/16  | 1-29/32 | 2     | 1-1/2 | 351120R15        | 391120R15         |
| 2-1/2 X 1           | 4-11/16 | 2-11/32 | 1-7/8   | 2-1/2 | 1     | 351125R10        | 391125R10         |
| 2-1/2 X 1-1/2       | 4-11/16 | 2-11/32 | 2-5/32  | 2-1/2 | 1-1/2 | 351125R15        | 391125R15         |
| 2-1/2 X 2           | 4-11/16 | 2-11/32 | 2-5/16  | 2-1/2 | 2     | 351125R20        | 391125R20         |
| 3 X 1               | 5-3/16  | 2-19/32 | 2-13/32 | 3     | 1     | 351130R10        | 391130R10         |
| 3 X 1-1/2           | 5-3/16  | 2-19/32 | 2-13/32 | 3     | 1-1/2 | 351130R15        | 391130R15         |
| 3 X 2               | 5-3/16  | 2-19/32 | 2-9/16  | 3     | 2     | 351130R20        | 351130R20         |
| 3 X 2-1/2           | 5-3/16  | 2-19/32 | 2-19/32 | 3     | 2-1/2 | 351130R25        | 391130R25         |
| 4 X 1               | 6-7/8   | 3-7/16  | 2-29/32 | 4     | 1     | 351140R10        | 391140R10         |
| 4 X 1-1/2           | 6-7/8   | 3-7/16  | 2-29/32 | 4     | 1-1/2 | 351140R15        | 391140R15         |
| 4 X 2               | 6-7/8   | 3-7/16  | 3-1/16  | 4     | 2     | 351140R20        | 391140R20         |
| 4 X 2-1/2           | 6-7/8   | 3-7/16  | 3-3/32  | 4     | 2-1/2 | 351140R25        | 391140R25         |
| 4 X 3               | 6-7/8   | 3-7/16  | 3-3/32  | 4     | 3     | 351140R30        | 391140R30         |



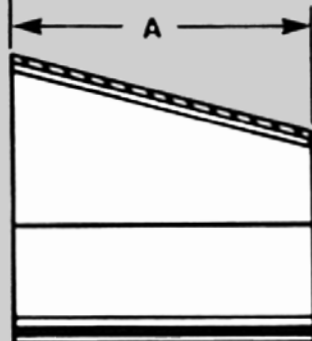
### L31 – Reducer Concentric Weld Ends (3-A) 32R<sub>a</sub> ID/32R<sub>a</sub> OD

| SIZE<br>(TUBE O.D.) | A   | 304<br>STOCK NO. | 316L<br>STOCK NO. |
|---------------------|-----|------------------|-------------------|
| 3/4 X 1/2           | 1   | -                | 3911507-7         |
| 1 X 1/2             | 1.5 | -                | 3911510-7         |
| 1 X 3/4             | 1   | -                | 3911510A-7        |
| 1-1/2 X 1/2         | 2.5 | -                | 3911515B-7        |
| 1-1/2 X 3/4         | 2   | -                | 3911515A-7        |
| 1-1/2 X 1           | 2   | 3511515-7        | 3911515-7         |
| 2 X 1/2             | 2.5 | -                | 3911520C-7        |
| 2 X 3/4             | 2   | -                | 3911520B-7        |
| 2 X 1               | 4   | 3511520A-7       | 3911520A-7        |
| 2 X 1-1/2           | 2   | 3511520-7        | 3911520-7         |
| 2-1/2 X 1           | 6   | -                | -                 |
| 2-1/2 X 1-1/2       | 4   | 3511525-7        | 3911525-7         |
| 2-1/2 X 2           | 2   | 3511525A-7       | 3911525A-7        |
| 3 X 1               | 8   | 351153010-7      | -                 |
| 3 X 1-1/2           | 6   | 3511530-7        | 3911530-7         |
| 3 X 2               | 4   | 3511530A-7       | 3911530A-7        |
| 3 X 2-1/2           | 2   | 3511530B-7       | 3911530B-7        |
| 4 X 1-1/2           | 10  | 3511540-7        | 3911540-7         |
| 4 X 2               | 8   | 3511540A-7       | 3911540A-7        |
| 4 X 2-1/2           | 6   | 3511540B-7       | 3911540B-7        |
| 4 X 3               | 4   | 3511540C-7       | 3911540C-7        |



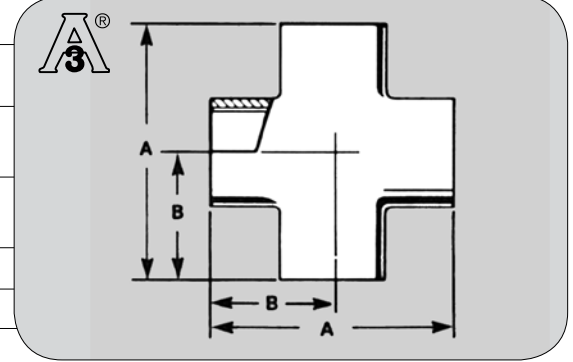
### L32 – Reducer Eccentric Weld Ends (3-A) 32R<sub>a</sub> ID/32R<sub>a</sub> OD

| SIZE<br>(TUBE O.D.) | A   | 304<br>STOCK NO. | 316L<br>STOCK NO. |
|---------------------|-----|------------------|-------------------|
| 3/4 X 1/2           | 1   | -                | 391210705-7       |
| 1 X 1/2             | 1.5 | -                | 391211005-7       |
| 1 X 3/4             | 1   | -                | 391211007-7       |
| 1-1/2 X 1/2         | 2.5 | -                | 391211505-7       |
| 1-1/2 X 3/4         | 2   | -                | 391211507-7       |
| 1-1/2 X 1           | 2   | 3512115-7        | 391211510-7       |
| 2 X 1/2             | 2.5 | -                | 391212005-7       |
| 2 X 3/4             | 2   | -                | 391212007-7       |
| 2 X 1               | 4   | 351212010-7      | 391212010-7       |
| 2 X 1-1/2           | 2   | 3512120-7        | 391212015-7       |
| 2-1/2 X 1-1/2       | 4   | 3512125-7        | 391212515-7       |
| 2-1/2 X 2           | 2   | 3512125A-7       | 391212520-7       |
| 3 X 1-1/2           | 6   | 3512130-7        | 391213015-7       |
| 3 X 2               | 4   | 3512130A-7       | 391213020-7       |
| 3 X 2-1/2           | 2   | 3512130B-7       | 391213025-7       |
| 4 X 1-1/2           | 10  | 3512140-7        | 391214015-7       |
| 4 X 2               | 8   | 3512140A-7       | 391214020-7       |
| 4 X 2-1/2           | 6   | 3512140B-7       | 391214025-7       |
| 4 X 3               | 4   | 3512140C-7       | 391214030-7       |



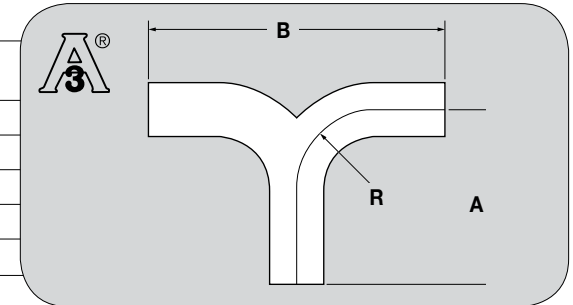
### L9WWWW – Cross Weld Ends (3-A) 32R<sub>a</sub> ID/32R<sub>a</sub> OD

| SIZE<br>(TUBE O.D.) | A       | B       | 304<br>STOCK NO. | 316L<br>STOCK NO. |
|---------------------|---------|---------|------------------|-------------------|
| 1                   | 2-1/4   | 1-1/8   | 3511410-7        | 3911410-7         |
| 1-1/2               | 3-5/16  | 1-21/32 | 3511415-7        | 3911415-7         |
| 2                   | 4-1/8   | 2-1/16  | 3511420-7        | 3911420-7         |
| 2-1/2               | 4-11/16 | 2-11/32 | 3511425-7        | 3911425-7         |
| 3                   | 5-3/16  | 2-19/32 | 3511430-7        | 3911430-7         |
| 4                   | 6-7/8   | 3-7/16  | 3511440-7        | 3911440-7         |



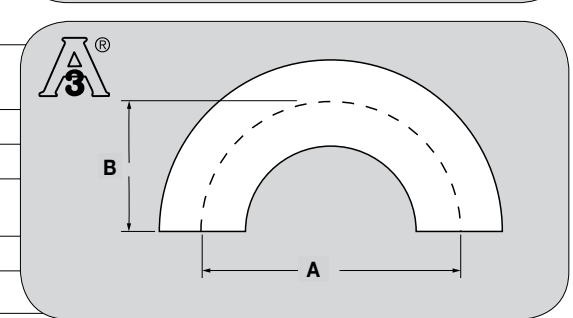
### Line Splitter – Weld (3-A) 32R<sub>a</sub> ID/32R<sub>a</sub> OD

| SIZE<br>(TUBE O.D.) | A      | B      | R     | 304<br>STOCK NO. | 316L<br>STOCK NO. |
|---------------------|--------|--------|-------|------------------|-------------------|
| 1-1/2               | 2-9/16 | 6-1/2  | 2-1/4 | 35515-7          | 39515-7           |
| 2                   | 3-3/8  | 8      | 3     | 35520-7          | 39520-7           |
| 2-1/2               | 5-3/8  | 10-3/4 | 3-3/4 | 35525-7          | 39525-7           |
| 3                   | 6      | 12     | 4-1/2 | 35530-7          | 39530-7           |
| 4                   | 8      | 16     | 6     | 35540-7          | 39540-7           |



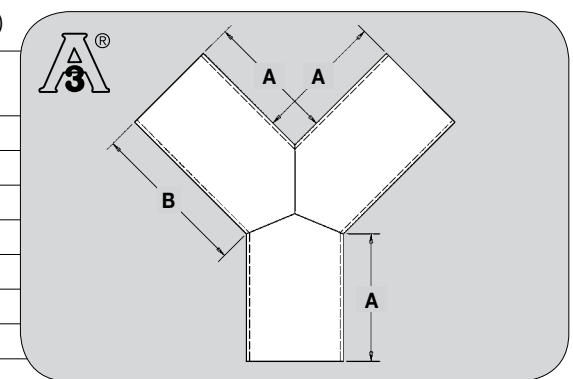
### 2WUL – U-Bend 180° Weld Ends (3-A) 32R<sub>a</sub> ID/32R<sub>a</sub> OD

| SIZE<br>(TUBE O.D.) | A     | B    | 304<br>STOCK NO. | 316L<br>STOCK NO. |
|---------------------|-------|------|------------------|-------------------|
| 1                   | 3     | 1.5  | 35910-7          | 39910-7           |
| 1-1/2               | 4-1/2 | 2.25 | 35915-7          | 39915-7           |
| 2                   | 6     | 3.0  | 35920-7          | 39920-7           |
| 2-1/2               | 7-1/2 | 3.75 | 35925-7          | 39925-7           |
| 3                   | 9     | 4.5  | 35930-7          | 39930-7           |
| 4                   | 12    | 6    | 35940-7          | 39940-7           |



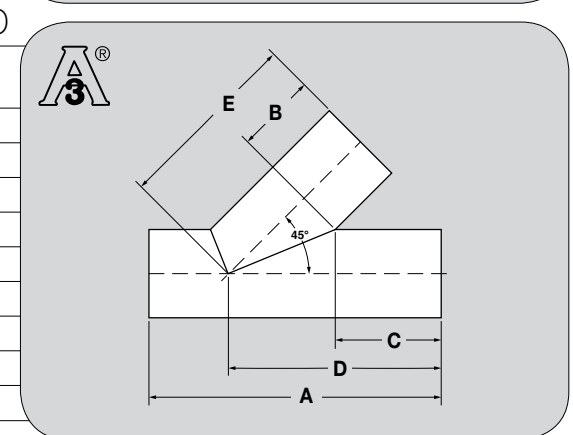
### True "Wye" – Wye True Weld Ends (3-A) 32R<sub>a</sub> ID/32R<sub>a</sub> OD

| SIZE<br>(TUBE O.D.) | A     | B       | 316L<br>STOCK NO. |
|---------------------|-------|---------|-------------------|
| 1                   | 2     | 2-3/8   | 391810-7          |
| 1-1/2               | 2     | 2-7/16  | 391815-7          |
| 2                   | 2-5/8 | 3-1/4   | 391820-7          |
| 2-1/2               | 3-3/8 | 4-1/8   | 391825-7          |
| 3                   | 4     | 4-7/8   | 391830-7          |
| 4                   | 5-3/8 | 6-9/16  | 391840-7          |
| 6                   | 6-1/4 | 7-15/16 | 391860-7          |



### Lateral "Wye" – Wye Lateral Weld Ends (3-A) 32R<sub>a</sub> ID/32R<sub>a</sub> OD

| SIZE<br>(TUBE O.D.) | A     | B        | C       | D       | E        | 316L<br>STOCK NO. |
|---------------------|-------|----------|---------|---------|----------|-------------------|
| 1/2                 | 3     | 2-1/64   | 1-9/64  | 1-3/4   | 2-5/8    | 391705-7          |
| 3/4                 | 3     | 1-23/32  | 27/32   | 1-3/4   | 2-5/8    | 391707-7          |
| 1                   | 4-1/2 | 1-3/4    | 1-1/4   | 2-7/16  | 2-15/16  | 391710-7          |
| 1-1/2               | 4-1/2 | 2        | 1-1/4   | 3-1/16  | 3-13/16  | 391715-7          |
| 2                   | 5-5/8 | 2-5/8    | 1-7/8   | 4-5/16  | 5-1/16   | 391720-7          |
| 2-1/2               | 6-7/8 | 3-3/8    | 2-3/8   | 5-3/8   | 6-3/8    | 391725-7          |
| 3                   | 8     | 4        | 2-13/16 | 6-13/32 | 7-19/32  | 391730-7          |
| 4                   | 12    | 5-3/8    | 3-13/16 | 8-11/16 | 10-3/16  | 391740-7          |
| 6                   | 21    | 10-11/32 | 7-1/4   | 14-1/2  | 17-19/32 | 391760-7          |





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**Top Line** is a leading supplier of sanitary stainless steel process equipment. Serving the food, beverage, dairy, pharmaceutical, biotechnological and personal care industries. For over 50 years we've provided our customers with exceptional customer service and quality products. We are committed to meeting the fastest delivery, new product development and application engineering to meet all our customer's needs with our extensive inventory and expert sales team.

**Top Line** specializes in stainless steel materials – type 304 and 316L. Our modern, well equipped manufacturing facilities are staffed by 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 steel products.

## 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.

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