

# PIPE & FLANGE ADAPTERS

## TRANSITION FROM INDUSTRIAL PIPING TO SANITARY SYSTEMS

### SIZES

- 1/2" to 6" in stock
- Reducing sizes available upon request

### CONNECTIONS

- ANSI Flange X Tri-Clamp®
- ANSI Flange X Sanitary Tube
- Schedule Pipe X Tri-Clamp®
- Schedule Pipe X Sanitary Tube
- Alternative connections available upon request
- Schedule 5 and 10 pipe adapters with squared ends (for single-pass fusion welding)
- Schedule 40 pipe adapters with ends as per ASME B16.9

### MATERIALS

- 316L stainless steel
- AL-6XN® alloy
- Hastelloy® C-22®

### FINISH OPTIONS

- Flange adapters: 32Ra ID / color clean OD
- Pipe adapters: 32Ra ID / 32Ra OD
- Custom finishes available upon request

### APPLICATIONS

- Transition from tube OD to nominal pipe size
- Designed for use in Food, Dairy, Beverage, Brewery, Home & Personal Care, Pharmaceutical, Biotech, and Chemical industries



# PIPE & FLANGE ADAPTERS

## DIMENSIONS

### WELD TUBE ADAPTERS X WELD SCH 10 PIPE

| Part Number | Fig. | Nominal Size | Tube Wall Thickness | Pipe Wall Thickness | Pipe OD | Length A |
|-------------|------|--------------|---------------------|---------------------|---------|----------|
| SW3105PX05T | 1    | 1/2          | 0.065               | 0.083               | 0.840   | 1.750    |
| SW3175PX75T | 1    | 3/4          | 0.065               | 0.083               | 1.050   | 1.750    |
| SW3110PX10T | 2    | 1            | 0.065               | 0.109               | 1.315   | 1.500    |
| SW3115PX15T | 2    | 1-1/2        | 0.065               | 0.109               | 1.900   | 1.500    |
| SW3120PX20T | 2    | 2            | 0.065               | 0.109               | 2.375   | 1.500    |
| SW3125PX25T | 2    | 2-1/2        | 0.065               | 0.120               | 2.875   | 2.500    |
| SW3130PX30T | 2    | 3            | 0.065               | 0.120               | 3.500   | 2.500    |
| SW3140PX40T | 2    | 4            | 0.083               | 0.120               | 4.500   | 2.500    |
| SW3160PX60T | 2    | 6            | 0.109               | 0.134               | 6.625   | 1.750    |

ALL DIMENSIONS ARE SHOWN IN INCHES.  
STANDARD OPTION.

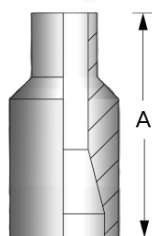


FIG. 1

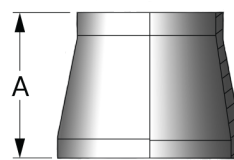


FIG. 2

### WELD TUBE ADAPTERS X WELD SCH 5 PIPE

| Part Number  | Fig. | Nominal Size | Tube Wall Thickness | Pipe Wall Thickness | Pipe OD | Length A |
|--------------|------|--------------|---------------------|---------------------|---------|----------|
| SW3105PX05T5 | 1    | 1/2          | 0.065               | 0.065               | 0.840   | 1.750    |
| SW3175PX75T5 | 1    | 3/4          | 0.065               | 0.065               | 1.050   | 1.750    |
| SW3110PX10T5 | 2    | 1            | 0.065               | 0.065               | 1.315   | 1.500    |
| SW3115PX15T5 | 2    | 1-1/2        | 0.065               | 0.065               | 1.900   | 1.500    |
| SW3120PX20T5 | 2    | 2            | 0.065               | 0.065               | 2.375   | 1.500    |
| SW3125PX25T5 | 2    | 2-1/2        | 0.065               | 0.083               | 2.875   | 2.500    |
| SW3130PX30T5 | 2    | 3            | 0.065               | 0.083               | 3.500   | 2.500    |
| SW3140PX40T5 | 2    | 4            | 0.083               | 0.083               | 4.500   | 2.500    |
| SW3160PX60T5 | 2    | 6            | 0.109               | 0.109               | 6.625   | 1.750    |

ALL DIMENSIONS ARE SHOWN IN INCHES.

### WELD TUBE ADAPTERS X WELD SCH 40 PIPE

| Part Number   | Fig. | Nominal Size | Tube Wall Thickness | Pipe Wall Thickness | Pipe OD | Length A |
|---------------|------|--------------|---------------------|---------------------|---------|----------|
| SW3105PX05T40 | 1    | 1/2          | 0.065               | 0.109               | 0.840   | 1.750    |
| SW3175PX75T40 | 1    | 3/4          | 0.065               | 0.113               | 1.050   | 1.750    |
| SW3110PX10T40 | 2    | 1            | 0.065               | 0.133               | 1.315   | 1.500    |
| SW3115PX15T40 | 2    | 1-1/2        | 0.065               | 0.145               | 1.900   | 1.500    |
| SW3120PX20T40 | 2    | 2            | 0.065               | 0.154               | 2.375   | 1.500    |
| SW3125PX25T40 | 2    | 2-1/2        | 0.065               | 0.203               | 2.875   | 2.500    |
| SW3130PX30T40 | 2    | 3            | 0.065               | 0.216               | 3.500   | 2.500    |
| SW3140PX40T40 | 2    | 4            | 0.083               | 0.237               | 4.500   | 2.500    |
| SW3160PX60T40 | 2    | 6            | 0.109               | 0.280               | 6.625   | 1.750    |

ALL DIMENSIONS ARE SHOWN IN INCHES.

## CLAMP TUBE ADAPTERS X WELD SCH 10 PIPE

| Part Number | Fig. | Nominal Size | Pipe Wall Thickness | Pipe OD | Length A |
|-------------|------|--------------|---------------------|---------|----------|
| 14MPW05P    | 3    | 1/2          | 0.083               | 0.840   | 1.750    |
| 14MPW75P    | 3    | 3/4          | 0.083               | 1.050   | 1.750    |
| 14MPW10P    | 4    | 1            | 0.109               | 1.315   | 1.500    |
| 14MPW15P    | 4    | 1-1/2        | 0.109               | 1.900   | 1.500    |
| 14MPW20P    | 4    | 2            | 0.109               | 2.375   | 1.500    |
| 14MPW25P    | 4    | 2-1/2        | 0.120               | 2.875   | 2.500    |
| 14MPW30P    | 4    | 3            | 0.120               | 3.500   | 2.500    |
| 14MPW40P    | 4    | 4            | 0.120               | 4.500   | 2.500    |
| 14MPW60P    | 3    | 6            | 0.134               | 6.625   | 1.750    |

ALL DIMENSIONS ARE SHOWN IN INCHES.  
STANDARD OPTION.

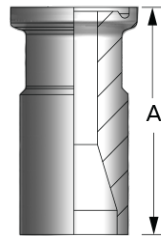


FIG. 3

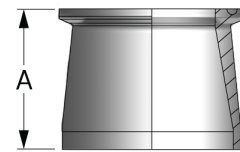


FIG. 4

## CLAMP TUBE ADAPTERS X WELD SCH 5 PIPE

| Part Number | Fig. | Nominal Size | Pipe Wall Thickness | Pipe OD | Length A |
|-------------|------|--------------|---------------------|---------|----------|
| 14MPW05P5   | 3    | 1/2          | 0.065               | 0.840   | 1.750    |
| 14MPW75P5   | 3    | 3/4          | 0.065               | 1.050   | 1.750    |
| 14MPW10P5   | 4    | 1            | 0.065               | 1.315   | 1.500    |
| 14MPW15P5   | 4    | 1-1/2        | 0.065               | 1.900   | 1.500    |
| 14MPW20P5   | 4    | 2            | 0.065               | 2.375   | 1.500    |
| 14MPW25P5   | 4    | 2-1/2        | 0.083               | 2.875   | 2.500    |
| 14MPW30P5   | 4    | 3            | 0.083               | 3.500   | 2.500    |
| 14MPW40P5   | 4    | 4            | 0.083               | 4.500   | 2.500    |
| 14MPW60P5   | 3    | 6            | 0.109               | 6.625   | 1.750    |

ALL DIMENSIONS ARE SHOWN IN INCHES.

## CLAMP TUBE ADAPTERS X WELD SCH 40 PIPE

| Part Number | Fig. | Nominal Size | Pipe Wall Thickness | Pipe OD | Length A |
|-------------|------|--------------|---------------------|---------|----------|
| 14MPW05P40  | 3    | 1/2          | 0.109               | 0.840   | 1.750    |
| 14MPW75P40  | 3    | 3/4          | 0.113               | 1.050   | 1.750    |
| 14MPW10P40  | 4    | 1            | 0.133               | 1.315   | 1.500    |
| 14MPW15P40  | 4    | 1-1/2        | 0.145               | 1.900   | 1.500    |
| 14MPW20P40  | 4    | 2            | 0.154               | 2.375   | 1.500    |
| 14MPW25P40  | 4    | 2-1/2        | 0.203               | 2.875   | 2.500    |
| 14MPW30P40  | 4    | 3            | 0.216               | 3.500   | 2.500    |
| 14MPW40P40  | 4    | 4            | 0.237               | 4.500   | 2.500    |
| 14MPW60P40  | 3    | 6            | 0.280               | 6.625   | 1.750    |

ALL DIMENSIONS ARE SHOWN IN INCHES.

# PIPE & FLANGE ADAPTERS

## DIMENSIONS

### FLANGE X TRI-CLAMP

| Nominal Size | Length A | Bolt Holes | Part Number    |
|--------------|----------|------------|----------------|
| 1/2          | 1.625    | 4          | 38MP-0.5-316L  |
| 3/4          | 1.6875   | 4          | 38MP-0.75-316L |
| 1            | 1.750    | 4          | 38MP-1-316L    |
| 1-1/2        | 1.875    | 4          | 38MP-1.5-316L  |
| 2            | 1.9375   | 4          | 38MP-2-316L    |
| 2-1/2        | 2.0625   | 4          | 38MP-2.5-316L  |
| 3            | 2.125    | 4          | 38MP-3-316L    |
| 4            | 2.125    | 8          | 38MP-4-316L    |
| 6            | 2.5625   | 8          | 38MP-6-316L    |



ALL DIMENSIONS ARE SHOWN IN INCHES.  
FLANGE DIMENSIONS CONFORM TO ANSI 16.5, CLASS 150.

### FLANGE X BUTT-WELD TUBE

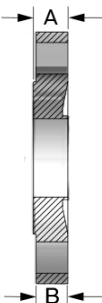
| Nominal Size | Length A | Bolt Holes | Part Number    |
|--------------|----------|------------|----------------|
| 1/2          | 2.000    | 4          | 38BW-0.5-316L  |
| 3/4          | 2.0625   | 4          | 38BW-0.75-316L |
| 1            | 2.125    | 4          | 38BW-1-316L    |
| 1-1/2        | 2.250    | 4          | 38BW-1.5-316L  |
| 2            | 2.3125   | 4          | 38BW-2-316L    |
| 2-1/2        | 2.4375   | 4          | 38BW-2.5-316L  |
| 3            | 2.750    | 4          | 38BW-3-316L    |
| 4            | 3.000    | 8          | 38BW-4-316L    |
| 6            | 3.5625   | 8          | 38BW-6-316L    |



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FLANGE DIMENSIONS CONFORM TO ANSI 16.5, CLASS 150.

### TUBE WELD NECK FLANGE

| Nominal Size | Length A | Length B | Bolt Holes | Part Number   |
|--------------|----------|----------|------------|---------------|
| 1/2          | 0.5      | 0.44     | 4          | 38W-0.5-316L  |
| 3/4          | 0.56     | 0.50     | 4          | 38W-0.75-316L |
| 1            | 0.63     | 0.56     | 4          | 38W-1-316L    |
| 1-1/2        | 0.75     | 0.69     | 4          | 38W-1.5-316L  |
| 2            | 0.81     | 0.75     | 4          | 38W-2-316L    |
| 2-1/2        | 0.94     | 0.88     | 4          | 38W-2.5-316L  |
| 3            | 1.00     | 0.94     | 4          | 38W-3-316L    |
| 4            | 1.00     | 0.94     | 8          | 38W-4-316L    |
| 6            | 1.06     | 1.00     | 8          | 38W-6-316L    |



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FLANGE DIMENSIONS CONFORM TO ANSI 16.5, CLASS 150.



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