

NU

-STAINLESS STEEL PIPE
-STAINLESS STEEL SINGLE PRESS FITTING



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To Provide **Safe&Reliable** Products and **Smart&Complete**
Solutions for Clients in Fluid Conveying Industry Across the Globe.



- **Enterprise mission**

To provide safe and reliable products and complete solutions for clients in fluid conveying industry across the globe

- **Global market**

Products are distributed to more than 130 countries and regions with complete specifications and excellent quality

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COMPANY PROFILE

Archung is the creator of thin-wall stainless steel double-press technology and one of the earliest domestic enterprises that is engaged in R&D, production, sales and service of stainless steel piping.

In 1999, Archung was founded in Hong Kong, and the same year it successfully invented double-press technology and obtained its patent. In 2003, Shenzhen Archung was established and has managed to acquire successively certification of quality system, environmental management system, occupational health safety control system, 6S management system, intellectual property management system, China engineering construction testing, the five-star after-sales service, AAA corporate credit ratings, and was accredited as national high-tech enterprise. In 2019, Archung joined Meide Group, and was re-established as Meide Archung Group Co., Ltd. Today, the company has developed into an enterprise group with full product ranges including stainless steel pipes, fittings, grooved fittings, ring lock scaffold, grouting sleeves, seismic hangers and accessories, etc., covering water, gas, fire protection, HVAC and other industries, providing customers with one-stop service that integrates consultation, design, installation, guidance and service.

The company is headquartered in Shenzhen and has modern industrial parks in Deqing (Guangdong Province), Hebi (Henan Province) and Jinan (Shandong Province), with a total area of 350 mu and more than 500 employees. It has the most advanced automatic production lines with complete product specifications in line with a variety of domestic and foreign technical standards. We have obtained 23 patented technologies and participated in the drafting of 38 national and local standards, with 9 of them Meide Archung was the chief editor, and our products have been certified by WRAS, CE, FM, UL, CRN, etc.

The products of Meide Archung are widely applied in many landmark buildings such as Shanghai Tower, the tallest building of China, Gaoyin 117 Tower, Shenzhen Ping An International Finance Center, the world's largest airport-Beijing Daxing Airport, etc. At the same time, our products are also widely used in thousands of projects in water, gas, fire, HVAC, construction and other fields.

Meide Archung adheres to the enterprise spirit of hard working, pioneering, hardship bearing and innovation, and the core values of customer-centered, quality-oriented, innovation-driven development and win-win cooperation, to provide safe and reliable products and smart & complete solutions to clients in fluid conveying industry across the globe.



DeQing factory



HeBi factory



JiNan factory

WORK FLOW



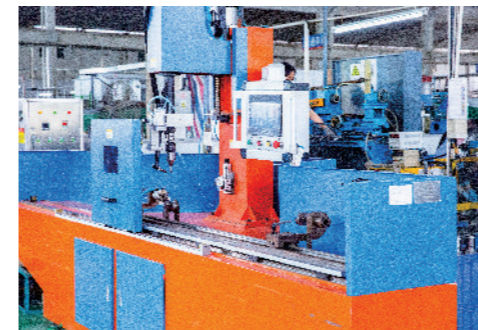
Tubulation



Polishing



Laser cutting



Water separator automatic welding machine



Laser cutting machine for elbow



Molding



Cleaning



Solid solution



Warehouse

PRODUCTION SCALE

In 2008, Meide Archung Group Co.,Ltd. built a modern production base in Deqing, Guangdong province, which covers an area of 100 acres. Meanwhile, the second industrial park was built and put into use, which covers an area of 150 acres in Hebi Henan, province in 2016. The production scale of Meide Archung Group Co.,Ltd. is in the forefront of the industry.



Hydro forming machine



Automatic feeding machine



Mahler's solution furnace



Automatic bending machine



Wet and dry industrial circular polishing machine



Water separator automatic welding machine



QUALIFICATION CERTIFICATE

- PRC special equipment manufacturing license
- Related to the sanitation and safety of drinking water products sanitary permit
- ISO9001, ISO14001, OHSAS1800 certification
- WRAS UK water product certification
- AAA credit enterprise certificate
- SGS salt spray corrosion resistance test
- Product quality liability policy
- National high-tech certificate

TESTING REPORT AND CERTIFICATE OF HONOR

- Pipe fitting sanitary testing report
- Pipe sanitary testing report
- Pipe fitting quality testing report
- Pipe quality testing report
- Seal ring testing report
- Utility patent certificate
- National new hi-tech enterprise identification certificate
- Member of China urban gas association
- Member of China construction metal structure association



COMPANY QUALIFICATION

STAINLESS STEEL PIPE TO EN10312

N.U Stainless Steel Pipes comply with EN10312 and supply as straight 5.8M lengths with outside diameters in the range 15mm to 108mm.

Materials comply with BS En10088

-304 / 1.4301

-316L / 1.4404



Steel Grade and Chemical Composition(Smelting analysis)

SERIES I

| NOMINAL DIAMETER (mm) | OUTSIDE DIAMETER (mm) | TOLERANCE ON OUTSIDE DIAMETER | NOMINAL THICKNESS (mm) | TOLERANCE ON THICKNESS |
|-----------------------|-----------------------|-------------------------------|------------------------|------------------------|
| 15 | 15 | +0.04 / -0.06 | 0.6 | ± 10% |
| 20 | 22 | +0.05 / -0.05 | 0.7 | ± 10% |
| 25 | 28 | +0.05 / -0.05 | 0.8 | ± 10% |
| 32 | 35 | +0.07 / -0.03 | 1.0 | ± 10% |
| 40 | 42 | +0.07 / -0.03 | 1.1 | ± 10% |
| 50 | 54 | +0.07 / -0.16 | 1.2 | ± 10% |
| 65 | 66.7 | +0.05 / -0.62 | 1.2 | ± 10% |
| 80 | 76.1 | +0.20 / -0.56 | 1.5 | ± 10% |
| 100 | 108 | +0.03 / -0.80 | 1.5 | ± 10% |

SERIES II


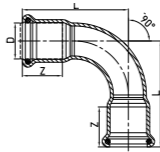
| NOMINAL DIAMETER (mm) | OUTSIDE DIAMETER (mm) | TOLERANCE ON OUTSIDE DIAMETER | NOMINAL THICKNESS (mm) | TOLERANCE ON THICKNESS |
|-----------------------|-----------------------|-------------------------------|------------------------|------------------------|
| 15 | 15 | ±0.10 | 1.0 | ±0.10 |
| 20 | 22 | ±0.11 | 1.2 | ±0.10 |
| 25 | 28 | ±0.14 | 1.2 | ±0.10 |
| 32 | 35 | ±0.18 | 1.5 | ±0.10 |
| 40 | 42 | ±0.21 | 1.5 | ±0.10 |
| 50 | 54 | ±0.27 | 1.5 | ±0.10 |
| 65 | 76.1 | ±0.38 | 2.0 | ±0.15 |
| 80 | 88.9 | ±0.44 | 2.0 | ±0.15 |
| 108 | 108 | ±0.54 | 2.0 | ±0.15 |
| 150 | 159 | ±1.0 | 3.0 | ±0.30 |


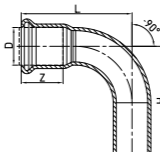
| TYPE | BODY MARKING |
|-----------|-----------------------------------|
| SERIES I | N.U EN10312-1 304 OD x THICKNESS |
| | N.U EN10312-1 316L OD x THICKNESS |
| SERIES II | N.U EN10312-2 304 OD x THICKNESS |
| | N.U EN10312-2 316L OD x THICKNESS |


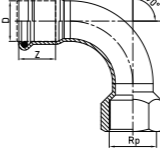
Stainless steel press fitting M-Profile


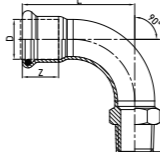



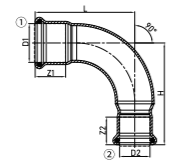
N.U STAINLESS STEEL FITTING TO AS3688, GRADE: SS316L


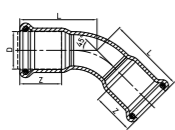
| 90° Elbow | Drawing | OD D | L | Z |
|---|---|------|-----|----|
|  |  | 15 | 45 | 20 |
| | | 22 | 54 | 21 |
| | | 28 | 64 | 23 |
| | | 35 | 75 | 26 |
| | | 42 | 89 | 30 |
| | | 54 | 108 | 35 |
| | | 66.7 | 145 | 49 |
| | | 76.1 | 158 | 53 |
| | | 108 | 224 | 75 |


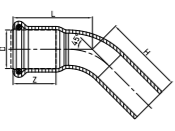
| 90° Elbow with Plain End | Drawing | OD D | L | Z | Z |
|---|---|------|-----|-----|----|
|  |  | 15 | 43 | 44 | 20 |
| | | 22 | 61 | 67 | 21 |
| | | 28 | 72 | 78 | 23 |
| | | 35 | 86 | 120 | 26 |
| | | 42 | 112 | 140 | 30 |
| | | 54 | 138 | 165 | 35 |
| | | 66.7 | 145 | 160 | 49 |
| | | 76.1 | 190 | 247 | 53 |
| | | 108 | 260 | 358 | 75 |


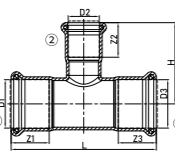
| 90° Elbow with Female Thread | Drawing | OD D | L | H | Z |
|---|---|-------------|-----|------|----|
|  |  | 15 x 1/2" | 49 | 46.5 | 20 |
| | | 22 x 1/2" | 62 | 58 | 21 |
| | | 22 x 3/4" | 62 | 60 | 21 |
| | | 28 x 1" | 72 | 74 | 23 |
| | | 35 x 1.1/4" | 85 | 83.5 | 26 |
| | | 42 x 1.1/2" | 110 | 104 | 30 |
| | | 54 x 2" | 136 | 129 | 35 |

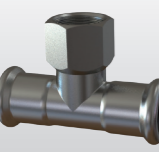
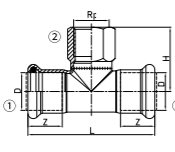
| 90° Elbow with Male Thread | Drawing | OD D | L | H | Z |
|---|---|-------------|-----|------|----|
|  |  | 15 x 1/2" | 49 | 50.5 | 20 |
| | | 22 x 1/2" | 62 | 62 | 21 |
| | | 22 x 3/4" | 62 | 63.5 | 21 |
| | | 28 x 1" | 72 | 77 | 23 |
| | | 35 x 3/4" | 85 | 89 | 26 |
| | | 35 x 1.1/4" | 85 | 87.5 | 26 |
| | | 42 x 1.1/2" | 110 | 110 | 30 |
| | | 54 x 2" | 136 | 136 | 35 |

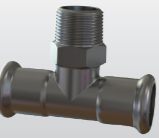
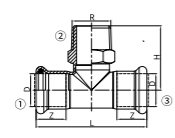
| 90R 90°Reducing Elbow | Drawing | OD D ①×② | L | H | Z1 | Z2 |
|---|---|-------------|----|------|----|----|
|  |  | 22 x 15 | 64 | 65.5 | 21 | 20 |
| | | 28 x 15 | 72 | 79 | 23 | 20 |
| | | 28 x 22 | 72 | 74 | 23 | 21 |
| | | 35 x 22 | 85 | 88.5 | 26 | 21 |
| | | 35 x 28 | 85 | 90 | 26 | 23 |

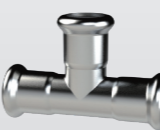
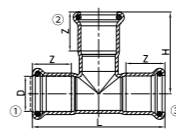
| 120 45°Elbow | Drawing | OD D | L | H |
|---|---|------|-----|----|
|  |  | 15 | 37 | 20 |
| | | 22 | 42 | 21 |
| | | 28 | 48 | 23 |
| | | 35 | 53 | 26 |
| | | 42 | 65 | 30 |
| | | 54 | 78 | 35 |
| | | 66.7 | 96 | 49 |
| | | 76.1 | 123 | 53 |
| | | 108 | 164 | 75 |

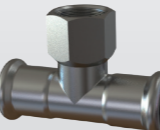
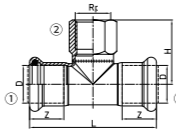
| 120P 45°Elbow with Plain End | Drawing | OD D | L | H | Z |
|--|--|------|-----|-----|----|
|  |  | 15 | 32 | 40 | 20 |
| | | 22 | 42 | 48 | 21 |
| | | 28 | 48 | 54 | 23 |
| | | 35 | 55 | 81 | 26 |
| | | 42 | 65 | 99 | 30 |
| | | 54 | 78 | 127 | 35 |
| | | 66.7 | 96 | 120 | 49 |
| | | 76.1 | 123 | 188 | 53 |
| | | 108 | 166 | 275 | 75 |

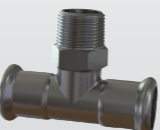
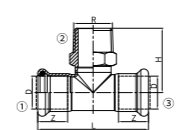
| 130 Equal Tee | Drawing | OD D ①×②×③ | L | H | Z1 |
|---|---|----------------|-----|------|----|
|  |  | 15x15x15 | 67 | 33.5 | 20 |
| | | 22x22x22 | 74 | 45 | 21 |
| | | 28x28x28 | 84 | 49 | 23 |
| | | 35x35x35 | 98 | 58 | 26 |
| | | 42x42x42 | 112 | 63 | 30 |
| | | 54x54x54 | 136 | 78 | 35 |
| | | 66.7x66.7x66.7 | 230 | 100 | 49 |
| | | 76.1x76.1x76.1 | 230 | 108 | 53 |
| | | 108x108x108 | 310 | 146 | 75 |

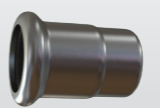
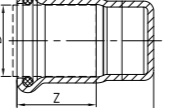
| 130F Female Tee with Thread | Drawing | OD D ①×②×③ | L | H | Z |
|---|---|----------------|-----|------|----|
|  |  | 15x1/2"x15 | 67 | 33.5 | 20 |
| | | 22 x 3/4"x22 | 74 | 39.5 | 21 |
| | | 28 x 1"x28 | 84 | 46.5 | 23 |
| | | 35 x 1.1/4"x35 | 98 | 50.5 | 26 |
| | | 42 x 1.1/2"x42 | 112 | 54 | 30 |
| | | 54 x 2"x54 | 136 | 65 | 35 |

| 130M Male Tee with Thread | Drawing | OD D | L | Z | Z |
|---|---|----------------|-----|------|----|
|  |  | 15 x 1/2"x15 | 67 | 37.5 | 20 |
| | | 22 x 3/4"x22 | 74 | 43 | 21 |
| | | 28 x 1"x28 | 84 | 49.5 | 23 |
| | | 35 x 1.1/4"x35 | 98 | 54.5 | 26 |
| | | 42 x 1.1/2"x42 | 112 | 60 | 30 |
| | | 54 x 2"x54 | 136 | 72 | 35 |

| 130R Reducing Tee | Drawing | OD D ①×②×③ | L | H | Z1 | Z2 |
|---|---|----------------|-----|------|----|----|
|  |  | 22x15x22 | 74 | 37 | 21 | 20 |
| | | 28x15x28 | 84 | 40.5 | 23 | 20 |
| | | 28x22x28 | 84 | 48 | 23 | 21 |
| | | 35x15x35 | 98 | 43 | 26 | 20 |
| | | 35x22x35 | 98 | 50.5 | 26 | 21 |
| | | 42x15x42 | 112 | 46.5 | 30 | 20 |
| | | 42x22x42 | 112 | 54 | 30 | 21 |
| | | 42x28x42 | 112 | 58 | 30 | 23 |
| | | 42x35x42 | 112 | 61 | 30 | 26 |
| | | 54x15x54 | 136 | 52.5 | 35 | 20 |
| | | 54x22x54 | 136 | 60 | 35 | 21 |
| | | 54x28x54 | 136 | 64 | 35 | 23 |
| | | 54x35x54 | 136 | 67 | 35 | 26 |
| | | 54x42x54 | 136 | 68.5 | 35 | 30 |
| | | 66.7x42x66.7 | 230 | 74 | 49 | 30 |
| | | 66.7x54x66.7 | 230 | 78 | 49 | 35 |
| | | 76.1x54x76.1 | 230 | 89 | 53 | 35 |
| | | 76.1x66.7x76.1 | 230 | 104 | 53 | 49 |
| | | 108x54x108 | 310 | 106 | 75 | 35 |
| | | 108x66.7x108 | 310 | 120 | 75 | 49 |
| | | 108x76.1x108 | 310 | 124 | 75 | 53 |

| 130RF Reducing Tee with Female Thread Branch | Drawing | OD D ①×②×③ | L | H | Z |
|--|--|---------------|-----|------|----|
|  |  | 22x1/2"x22 | 74 | 37.5 | 21 |
| | | 28x1/2"x28 | 84 | 40.5 | 23 |
| | | 28x3/4"x28 | 84 | 42.5 | 23 |
| | | 35x1/2"x35 | 98 | 43 | 26 |
| | | 35x3/4"x35 | 98 | 45 | 26 |
| | | 35x1"x35 | 98 | 49.5 | 26 |
| | | 42x1/2"x42 | 112 | 46.5 | 30 |
| | | 42x3/4"x42 | 112 | 48.5 | 30 |
| | | 42x1"x42 | 112 | 52.5 | 30 |
| | | 42x1.1/4"x42 | 112 | 53.5 | 30 |
| | | 54x1/2"x54 | 136 | 52.5 | 35 |
| | | 54x3/4"x54 | 136 | 54.5 | 35 |
| | | 54x1"x54 | 136 | 58.5 | 35 |
| | | 54x1.1/4"x54 | 136 | 59.5 | 35 |
| | | 54x1.1/2"x54 | 136 | 59.5 | 35 |

| 130RM Reducing Tee with Male Thread Branch | Drawing | OD D ①×②×③ | L | H | Z |
|---|---|---------------|-----|------|----|
|  |  | 22x1/2"x22 | 74 | 41.5 | 21 |
| | | 28x1/2"x28 | 84 | 44.5 | 23 |
| | | 28x3/4"x28 | 84 | 46 | 23 |
| | | 35x1/2"x35 | 98 | 47 | 26 |
| | | 35x3/4"x35 | 98 | 48.5 | 26 |
| | | 35x1"x35 | 98 | 52 | 26 |
| | | 42x1/2"x42 | 112 | 51 | 30 |
| | | 42x3/4"x42 | 112 | 52.5 | 30 |
| | | 42x1"x42 | 112 | 55.5 | 30 |
| | | 42x1.1/4"x42 | 112 | 57.5 | 30 |
| | | 54x1/2"x54 | 136 | 57 | 35 |
| | | 54x3/4"x54 | 136 | 59 | 35 |
| | | 54x1"x54 | 136 | 62.5 | 35 |
| | | 54x1.1/4"x54 | 136 | 64 | 35 |
| | | 54x1.1/2"x54 | 136 | 66.5 | 35 |

| 300 cap | Drawing | OD D | L | Z |
|---|---|------|------|----|
|  |  | 15 | 30 | 20 |
| | | 18 | 34.5 | 20 |
| | | 22 | 33.5 | 21 |
| | | 28 | 38 | 23 |
| | | 35 | 42 | 26 |
| | | 42 | 46.5 | 30 |
| | | 54 | 54 | 35 |
| | | 76.1 | 81 | 53 |
| | | 88.9 | 92 | 60 |
| | | 108 | 105 | 75 |

| 220 Straight Coupling | Drawing | OD D | L | Z |
|--------------------------|---------|------|-----|----|
| | | 15 | 49 | 20 |
| | | 22 | 50 | 21 |
| | | 28 | 54 | 23 |
| | | 35 | 67 | 26 |
| | | 42 | 73 | 30 |
| | | 54 | 83 | 35 |
| | | 66.7 | 123 | 49 |
| | | 76.1 | 136 | 53 |
| | | 108 | 189 | 75 |

| 220F Coupling with Female Thread | Drawing | OD D | L | Z |
|-------------------------------------|---------|-------------|------|----|
| | | 15 x 1/2" | 48 | 20 |
| | | 22 x 3/4" | 51.5 | 21 |
| | | 28 x 1" | 57 | 23 |
| | | 35 x 1.1/4" | 62 | 26 |
| | | 42 x 1.1/2" | 68 | 30 |
| | | 54 x 2" | 79 | 35 |

| 220M Coupling with Male Thread | Drawing | OD D | L | Z |
|-----------------------------------|---------|-----------|------|----|
| | | 15x1/2" | 52 | 20 |
| | | 22x3/4" | 55 | 21 |
| | | 28x1" | 60 | 23 |
| | | 35x1.1/4" | 67 | 26 |
| | | 42x1.1/2" | 73.5 | 30 |
| | | 54x2" | 86 | 35 |

| 220D Coupling with Female Joint | Drawing | OD D | L | Z |
|------------------------------------|---------|-----------|----|----|
| | | 15x1/2" | 42 | 20 |
| | | 22x3/4" | 46 | 21 |
| | | 28x1" | 50 | 23 |
| | | 35x1.1/4" | 55 | 26 |
| | | 42x1.1/2" | 62 | 30 |
| | | 54x2" | 72 | 35 |

| 220K Straight Sleeve Coupling | Drawing | OD D | L |
|----------------------------------|---------|------|-----|
| | | 15 | 67 |
| | | 22 | 74 |
| | | 28 | 84 |
| | | 35 | 100 |
| | | 42 | 114 |
| | | 54 | 138 |
| | | 66.7 | 197 |
| | | 76.1 | 230 |
| | | 108 | 310 |

| 321G Adaptor Flange PN16 | Drawing | OD D | L | Z | K | K1 | B | n—φd |
|-----------------------------|---------|------|------|----|-----|-----|----|-------|
| | | 15 | 56 | 20 | 95 | 65 | 14 | 4—φ14 |
| | | 18 | 57 | 20 | 95 | 65 | 14 | 4—φ14 |
| | | 22 | 59 | 21 | 105 | 75 | 16 | 4—φ14 |
| | | 28 | 65 | 23 | 115 | 85 | 16 | 4—φ14 |
| | | 35 | 69 | 26 | 140 | 100 | 18 | 4—φ18 |
| | | 42 | 64.5 | 30 | 150 | 110 | 18 | 4—φ18 |
| | | 54 | 74 | 35 | 165 | 125 | 20 | 4—φ18 |
| | | 76.1 | 127 | 53 | 185 | 145 | 20 | 4—φ18 |
| | | 88.9 | 149 | 60 | 200 | 160 | 20 | 8—φ18 |
| | | 108 | 149 | 75 | 220 | 180 | 22 | 8—φ18 |

| 240 Reducer | Drawing | OD D | L | Z1 | Z2 |
|----------------|---------|-----------|------|----|----|
| | | 22x15 | 62 | 20 | 21 |
| | | 28x15 | 74 | 20 | 23 |
| | | 28x22 | 69 | 21 | 23 |
| | | 35x15 | 87 | 20 | 26 |
| | | 35x22 | 83 | 21 | 26 |
| | | 35x28 | 75 | 23 | 26 |
| | | 42x22 | 97.5 | 21 | 30 |
| | | 42x28 | 91 | 23 | 30 |
| | | 42x35 | 84.5 | 26 | 30 |
| | | 54x22 | 114 | 21 | 35 |
| | | 54x28 | 108 | 23 | 35 |
| | | 54x35 | 103 | 26 | 35 |
| | | 54x42 | 99.5 | 30 | 35 |
| | | 66.7x54 | 139 | 35 | 53 |
| | | 76.1x54 | 175 | 35 | 60 |
| | | 76.1x66.7 | 166 | 53 | 60 |
| | | 108x54 | 206 | 35 | 75 |
| | | 108x66.7 | 197 | 53 | 75 |
| | | 108x76.1 | 195 | 60 | 75 |

| 240P Reducer with Plain End | Drawing | OD D | L | Z |
|--------------------------------|---------|-----------|------|----|
| | | 22x15 | 70.5 | 20 |
| | | 28x15 | 76 | 20 |
| | | 28x22 | 71 | 21 |
| | | 35x15 | 81 | 20 |
| | | 35x22 | 81 | 21 |
| | | 35x28 | 82.5 | 23 |
| | | 42x15 | 92.5 | 20 |
| | | 42x22 | 91.5 | 21 |
| | | 42x28 | 91.5 | 23 |
| | | 42x35 | 92.5 | 26 |
| | | 54x15 | 102 | 20 |
| | | 54x22 | 101 | 21 |
| | | 54x28 | 101 | 23 |
| | | 54x35 | 104 | 26 |
| | | 54x42 | 108 | 30 |
| | | 66.7x42 | 151 | 30 |
| | | 66.7x54 | 140 | 35 |
| | | 76.1x54 | 156 | 35 |
| | | 76.1x66.7 | 156 | 53 |
| | | 108x54 | 204 | 30 |
| | | 108x66.7 | 196 | 53 |
| | | 108x76.1 | 190 | 60 |

| 240F Reducer with Female Thread | Drawing | OD D | L | Z |
|------------------------------------|---------|-------------|------|----|
| | | 28 x 1/2" | 61.5 | 23 |
| | | 28 x 3/4" | 53 | 23 |
| | | 35 x 3/4" | 68.5 | 26 |
| | | 35 x 1" | 62 | 26 |
| | | 42 x 1" | 78 | 30 |
| | | 42 x 1.1/4" | 67.5 | 30 |
| | | 54 x 1.1/4" | 88 | 35 |
| | | 54 x 1.1/2" | 74 | 35 |

| 240M Reducer with Male Thread | Drawing | OD D | L | Z |
|----------------------------------|---------|-------------|------|----|
| | | 28 x 1/2" | 65.5 | 23 |
| | | 28 x 3/4" | 56.5 | 23 |
| | | 35 x 3/4" | 72 | 26 |
| | | 35 x 1" | 65 | 26 |
| | | 42 x 1" | 81 | 30 |
| | | 42 x 1.1/4" | 71.5 | 30 |
| | | 54 x 1.1/4" | 92 | 35 |
| | | 54 x 1.1/2" | 80 | 35 |

Tech Data

Seals and Gaskets Information

- EPDM Sealing Element Operating temperature: 09F to 248F (-18°C to 120°C)
- EPDM, or ethylene-propylene-diene rubber, is a synthetically manufactured and peroxidically cured all-purpose elastomer.
- EPDM sealing elements are shiny black in color and possess excellent resistance to aging, ozone, sunlight, weathering, environmental influences, alkalis and most alkaline solutions along with chemicals used in a broad range of applications, including ketones. EPDM has particularly good resistance to hot water, making it ideal for seals and gaskets.

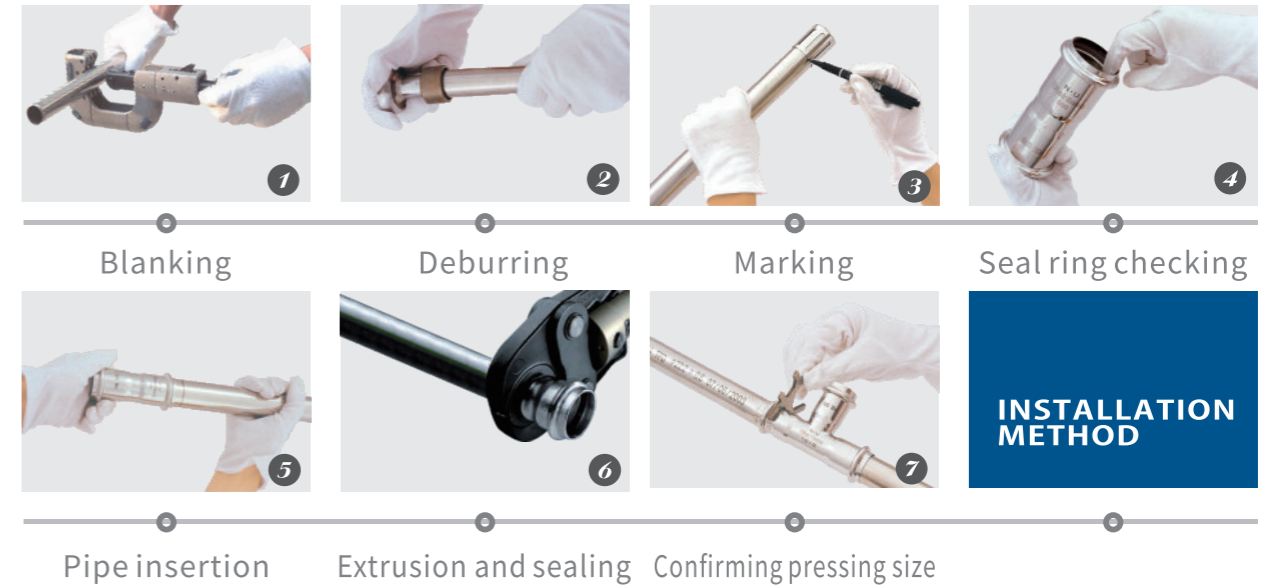
Implementation Standards

- A. Pipe: Pipe: Stainless Steel Pipe conform to EN10312 Series I and Series II.
- B. Fittings: Cold Press Mechanical Joint Fitting shall conform to material requirements of ASTM A420 or ASME B16.3 and performance criteria of LAPMO PS117 and ASTM F3226. Sealing elements for press fittings shall be EPDM. Sealing elements shall be factory installed or an alternative supplied by fitting manufacturer. Pressends shall have LBP technology design (leakage path). fittings with the LBP technology assure leakage of liquids and/or gases from inside the system past the sealing element of an unpressed connection, The function of this feature is to provide the installer quick and easy identification of connections which have not been pressed prior to putting the system into operation. Fittings: Stainless Steel Fitting conform to AS3688.
- C. Pipe Thread: Pipe Threads shall conform to ASTM B1.20.1.
- D. Hangers and supports: Hangers and supports shall conform to MSS SP 58
- E. Hanger spacing: In accordance with ASME B 31.1, NFPA54, UPC, IMC other National or local codes.

Operating conditions

- Water, closed system
 - Operating temperature $T_{max} \leq 110^{\circ}\text{C}$ (EPDM)
 - Operating temperature $T_{max} \leq 140^{\circ}\text{C}$ (FKM)
 - Operating pressure $p_{max} \leq 1.6\text{MPa}$ (16bar)
- Compressed air, dry and oil-free
 - Operating pressure $p_{max} \leq 1.6\text{MPa}$ (16bar)

INSTALLATION KEYPOINTS



TOOLS

