

**JYEU**  
捷羽企業有限公司

# 真空管配件

VACUUM FITTING





## 公司簡介 About us

捷羽企業有限公司創立於西元1995年, 始終致力於提供優質半導體材料零件及服務。營業項目涵蓋各類橡塑膠接頭、管件、閥件、空壓產品、真空產品以及客製化產品等, 並代理經銷Yodogawa、Parker、Fit-Line Global、Penn Nitto、Nitta、JPE、KITZ MICRO FILTER CORPORATION等品牌。另設有加工廠區研發製造高品質鐵氟龍波紋管、鐵氟龍伸縮螺旋管、各種特殊客製品, 以及專業鐵氟龍塗裝內襯服務。本公司貫徹誠信、負責、創新、效率之經營理念, 定期通過ISO國際認證稽核審查, 並取得ISO9001:2015國際品質管理系統改版認證, 捷羽期許以不斷的自我成長與創新來迎接市場新產品及素材的挑戰。

JYE YEU ENTERPRISE CO., LTD. was established in the Republic of China in 1995, coincides with the semiconductor industry to flourish. Over twenty years, we provide high quality products and best service for our customers. Our business area includes different kinds of fittings, tubes, valves, air hydraulic products, vacuum products and customized products. And we also established our own Industrial processing factory for PFA spiral tube, customized products, Teflon Coating and Lined. Honesty, Responsibility, Innovation, Efficiency are our management concept, and we always rise to the challenges with our continuous improvement and efforts.



## 營業項目 Business items

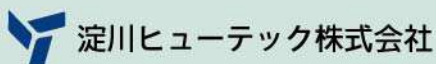
- 各類接頭/ SUS啖入式接頭、公母端快速接頭、PUSH-IN快速接頭、PP接頭、銅製接頭等。
- 鐵氟龍產品/ 鐵氟龍擴口接頭、PFA軟管、PFA波紋管、PFA伸縮螺旋管、板材、棒材等。
- 真空產品/ VCR接頭、墊片、管束、法蘭、盲板、真空閥件、真空管件等。
- 各類橡膠/ 橡膠墊圈、防震墊、橡膠板、避震器、橡膠管件、橡膠海綿條、橡膠法蘭片等。
- 空壓產品/ 電磁閥、流量計、差壓計、調速閥、洩壓閥、逆止閥、調壓過濾器、鋁座、壓力錶等。
- 各類風管及橡塑膠管件
- 加工產品/ PFA波紋管及伸縮螺旋管、特殊客製化產品、鐵氟龍塗裝與內襯。
- 現場服務/ 液壓管製作、鐵氟龍管擴口服務。

Teflon Tube | PFA Waved Tube | PFA Flexible Spiral Tube

Various of Fittings | Rubber Products | Air Hydraulic Products | Vacuum Products

Teflon Surface Coating | Teflon Lined | Processing Products | Customized Service

## 代理經銷品牌 Agent and distribute



## 自有品牌產品 Self-owned brand

- PFA 波紋管
- PFA 伸縮螺旋管
- PTFE 軟管
- PTFE 波紋管
- PTFE伸縮螺旋管
- FEP軟管
- 各式客製化接頭

PFA Waved Tube / PFA Flexible Spiral Tube / PTFE Tube

PTFE Waved Tube / PTFE Flexible Spiral Tube / FEP Tube / Customized products

# 產品總覽 Overview



**半導體  
真空管配件**  
Vacuum Pipe  
Tube Size Clean Fitting

**1** 真空焊接式零件  
Vacuum Butt Welding Type Fittings

**7** NW/ISO法蘭  
NW/ISO Flange Fittings Series

**18** 閥類  
Valve Series

**22** CF法蘭  
CF Flange Fitting Series

**23** VG/VF法蘭  
VG/VF Flange Series



**I.D.F  
食品衛生級  
金屬零件**  
I.D.F. Sanitary  
Metal Fitting

**24** I.D.F 焊接式零件系列  
I.D.F Butt Weld Fitting Series

**27** I.D.F 夾板式零件系列  
I.D.F Clamp Fittings Series

**36** I.D.F 由任式零件系列  
I.D.F Union Fittings Series

**43** 食品級由任系列  
Sanitary Union Series

**48** 衛生級(手動/自動)閥系列  
Sanitary(Manual/Automatic) Valve Series

**57** 衛生級桶槽配件  
Sanitary Tank Accessories

# 產品總覽 Overview



## 3A食品衛生級 管配件

3A Sanitary Metal Fitting

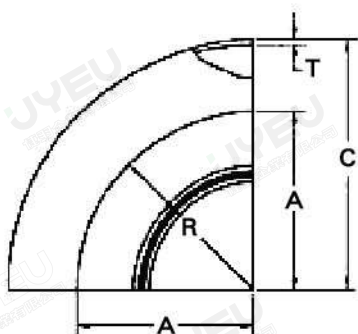
58 3A 焊接式零件系列  
3A Butt Weld Fittings Series

64 3A 夾板式零件系列  
3A Clamp Fittings Series



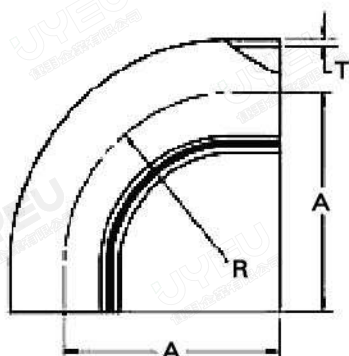


## 90° Radius Elbow



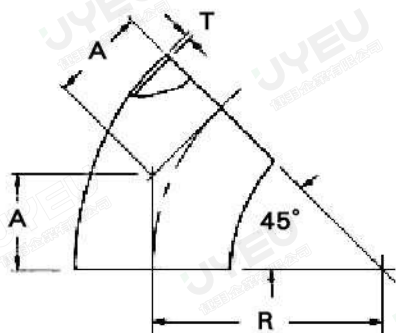
| Size  | OD     | T    | A     | R     | C     |
|-------|--------|------|-------|-------|-------|
| 1/2   | 12.7   | 1.65 | 19.05 | 19.05 | 31.8  |
| 3/4   | 19.05  | 1.65 | 28.6  | 28.6  | 38.1  |
| 1     | 25.4   | 1.65 | 38.1  | 38.1  | 50.8  |
| 1 1/2 | 38.1   | 1.65 | 57.2  | 57.2  | 76.2  |
| 2     | 50.8   | 1.65 | 76.2  | 76.2  | 101.6 |
| 2 1/2 | 63.5   | 1.65 | 95.2  | 95.2  | 127   |
| 3     | 76.2   | 1.65 | 114.3 | 114.3 | 152.4 |
| 4     | 101.6  | 2.1  | 152.4 | 152.4 | 203.2 |
| 6     | 152.4  | 2.77 | 228.6 | 228.6 | 304.8 |
| 8     | 219.08 | 3.76 | 304.8 | 304.8 | 414.3 |

## 90° Radius Elbow With Tangents



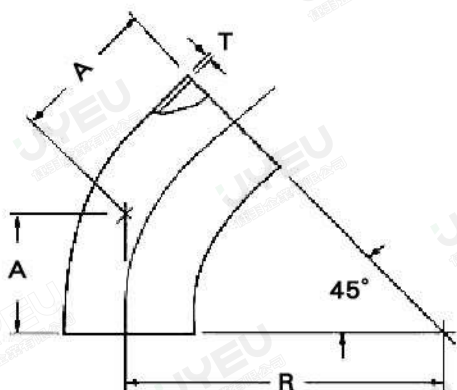
| Size  | OD    | T    | R     | A     |
|-------|-------|------|-------|-------|
| 3/4   | 19.05 | 1.65 | 28.6  | 66    |
| 1     | 25.4  | 1.65 | 38.1  | 52.4  |
| 1 1/2 | 38.1  | 1.65 | 57.2  | 74.6  |
| 2     | 50.8  | 1.65 | 76.2  | 103.2 |
| 2 1/2 | 63.5  | 1.65 | 95.2  | 131.8 |
| 3     | 76.2  | 1.65 | 114.3 | 160.3 |
| 4     | 101.6 | 2.1  | 152.4 | 211.1 |

## 45° Radius Elbow



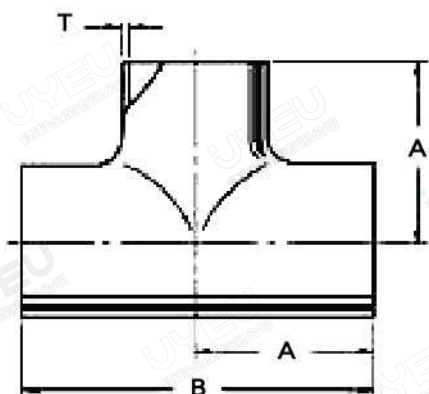
| Size  | OD     | T    | R     | A    |
|-------|--------|------|-------|------|
| 3/4   | 19.05  | 1.65 | 28.6  | 10.8 |
| 1     | 25.4   | 1.65 | 38.1  | 15.8 |
| 1 1/2 | 38.1   | 1.65 | 57.2  | 23.8 |
| 2     | 50.8   | 1.65 | 76.2  | 31.8 |
| 2 1/2 | 63.5   | 1.65 | 95.2  | 39.7 |
| 3     | 76.2   | 1.65 | 114.3 | 47.6 |
| 4     | 101.6  | 2.1  | 152.4 | 63.5 |
| 6     | 152.4  | 2.77 | 228.6 | 95.3 |
| 8     | 219.08 | 3.76 | 304.8 | 127  |

## 45° Radius Elbow With Tangents



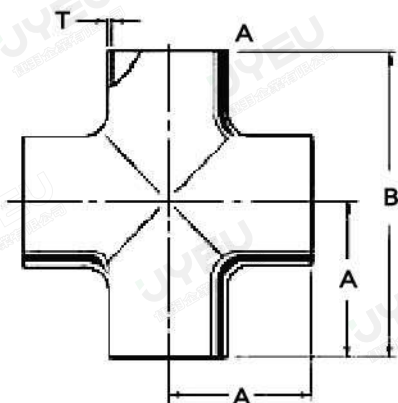
| Size  | OD    | T    | R     | A     |
|-------|-------|------|-------|-------|
| 3/4   | 19.05 | 1.65 | 28.6  | 19.3  |
| 1     | 25.4  | 1.65 | 38.1  | 30.2  |
| 1 1/2 | 38.1  | 1.65 | 57.2  | 41.3  |
| 2     | 50.8  | 1.65 | 76.2  | 58.7  |
| 2 1/2 | 63.5  | 1.65 | 95.2  | 76.2  |
| 3     | 76.2  | 1.65 | 114.3 | 93.7  |
| 4     | 101.6 | 2.1  | 152.4 | 122.2 |

## Tee



| Size  | OD    | T    | A    | B     |
|-------|-------|------|------|-------|
| 3/4   | 19.05 | 1.65 | 34.5 | 69    |
| 1     | 25.4  | 1.65 | 47.6 | 95.2  |
| 1 1/2 | 38.1  | 1.65 | 57.2 | 114.3 |
| 2     | 50.8  | 1.65 | 76.2 | 152.4 |
| 2 1/2 | 63.5  | 1.65 | 76.2 | 152.4 |
| 3     | 76.2  | 1.65 | 82.6 | 165.2 |
| 4     | 101.6 | 2.1  | 98.4 | 196.8 |
| 6     | 152.4 | 2.77 | 127  | 254   |
| 6     | 152.4 | 2.77 | 154  | 308   |

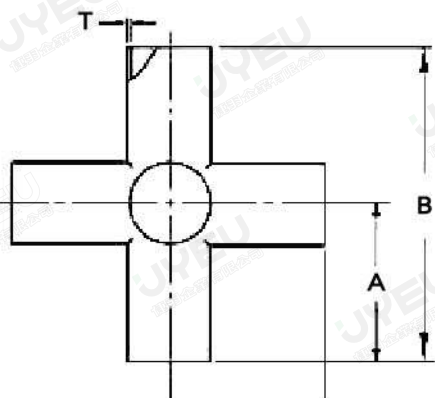
## 4-Way Cross



| Size  | OD     | T    | A    | B     |
|-------|--------|------|------|-------|
| 3/4   | 19.05  | 1.65 | 34.5 | 69    |
| 1     | 25.4   | 1.65 | 47.6 | 95.2  |
| 1 1/2 | 38.1   | 1.65 | 57.2 | 114.3 |
| 2     | 50.8   | 1.65 | 76.2 | 152.4 |
| 2 1/2 | 63.5   | 1.65 | 76.2 | 152.4 |
| 3     | 76.2   | 1.65 | 82.6 | 165.2 |
| 4     | 101.6  | 2.1  | 98.4 | 196.8 |
| 6     | 152.4  | 2.77 | 127  | 254   |
| 6     | 219.08 | 2.77 | 154  | 308   |



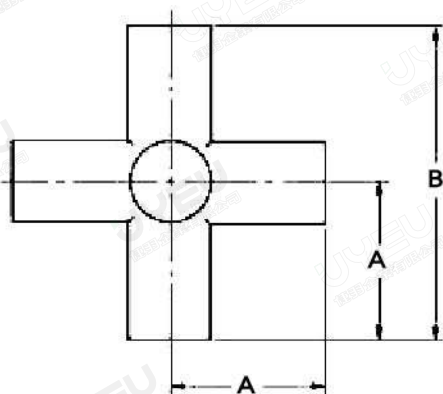
## 5-Way Cross



| Size  | OD    | T    | A    | B     |
|-------|-------|------|------|-------|
| 3/4   | 19.05 | 1.65 | 34.5 | 69    |
| 1     | 25.4  | 1.65 | 47.6 | 95.2  |
| 1 1/2 | 38.1  | 1.65 | 57.2 | 114.3 |
| 2     | 50.8  | 1.65 | 76.2 | 152.4 |
| 2 1/2 | 63.5  | 1.65 | 76.2 | 152.4 |
| 3     | 76.2  | 1.65 | 82.6 | 165.2 |
| 4     | 101.6 | 2.1  | 98.4 | 196.8 |
| 6     | 152.4 | 2.77 | 127  | 254   |
| 6     | 152.4 | 2.77 | 154  | 308   |

• Size: "A" Same for 5th Leg

## 6-Way Cross

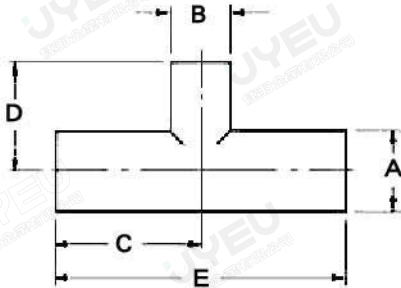


| Size  | OD    | T    | A    | B     |
|-------|-------|------|------|-------|
| 3/4   | 19.05 | 1.65 | 34.5 | 69    |
| 1     | 25.4  | 1.65 | 47.6 | 95.2  |
| 1 1/2 | 38.1  | 1.65 | 57.2 | 114.3 |
| 2     | 50.8  | 1.65 | 76.2 | 152.4 |
| 2 1/2 | 63.5  | 1.65 | 76.2 | 152.4 |
| 3     | 76.2  | 1.65 | 82.6 | 165.2 |
| 4     | 101.6 | 2.1  | 98.4 | 196.8 |
| 6     | 152.4 | 2.77 | 127  | 254   |
| 6     | 152.4 | 2.77 | 154  | 308   |

• Size: "A" Same for 5th Leg

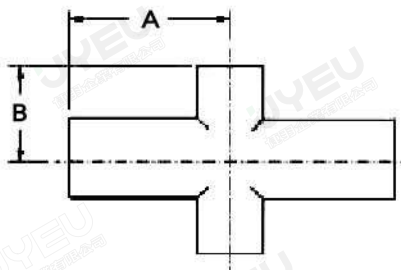


## Reducer Tee



| Size        | A     | B     | C     | D     | E     |
|-------------|-------|-------|-------|-------|-------|
| 1×1/2       | 25.4  | 12.7  | 25.4  | 25.4  | 25.4  |
| 1×3/4       |       | 19.05 |       | 28.5  |       |
| 1 1/2×1/2   | 38.1  | 12.7  | 38.1  | 31.8  | 38.1  |
| 1 1/2×3/4   |       | 19.05 |       | 35    |       |
| 1 1/2×1     |       | 25.4  |       | 54.1  |       |
| 2×1/2       | 50.8  | 12.7  | 50.8  | 38.1  | 50.8  |
| 2×3/4       |       | 19.05 |       | 41.4  |       |
| 2×1         |       | 25.4  |       | 63.5  |       |
| 2×1 1/2     | 63.5  | 38.1  | 63.5  | 63.5  | 63.5  |
| 2 1/2×1 1/2 |       | 50.8  |       | 69.9  |       |
| 2 1/2×2     |       | 76.2  |       | 82.6  |       |
| 3×1 1/2     | 76.2  | 38.1  | 76.2  | 76.2  | 76.2  |
| 3×2         |       | 50.8  |       | 88.9  |       |
| 3×2 1/2     |       | 63.5  |       | 82.6  |       |
| 4×1 1/2     | 101.6 | 38.1  | 101.6 | 88.9  | 101.6 |
| 4×2         |       | 50.8  |       | 101.6 |       |
| 4×2 1/2     |       | 63.5  |       | 95.3  |       |
| 4×3         | 152.4 | 76.2  | 152.4 | 95.3  | 152.4 |
| 6×1 1/2     |       | 38.1  |       | 114.3 |       |
| 6×2         |       | 50.8  |       | 127   |       |
| 6×2 1/2     |       | 63.5  |       | 120.7 |       |
| 6×3         | 101.6 | 76.2  | 101.6 | 120.7 | 101.6 |
| 6×4         |       | 101.6 |       | 124   |       |

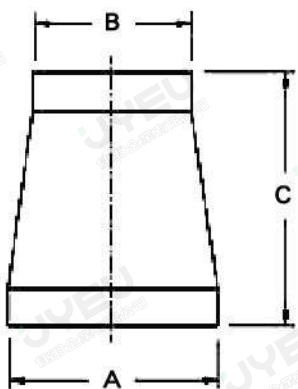
## Reducer Cross



| Size        | A    | B    |
|-------------|------|------|
| 1×1/2       | 47.6 | 25.4 |
| 1×3/4       |      | 28.5 |
| 1 1/2×1/2   | 57.2 | 31.8 |
| 1 1/2×3/4   |      | 35   |
| 1 1/2×1     |      | 54.1 |
| 2×1/2       | 76.2 | 38.1 |
| 2×3/4       |      | 41.4 |
| 2×1         |      | 63.5 |
| 2 1/2×1 1/2 | 82.6 | 69.9 |
| 2 1/2×2     |      | 82.6 |
| 3×1 1/2     |      | 76.2 |
| 3×2         | 82.6 | 88.9 |
| 3×2 1/2     |      | 82.6 |

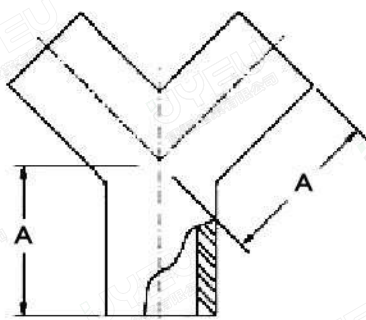
| Size    | A    | B     |
|---------|------|-------|
| 4×1 1/2 | 98.4 | 88.9  |
| 4×2     |      | 101.6 |
| 4×2 1/2 |      | 95.3  |
| 4×3     | 127  | 95.3  |
| 6×2 1/2 |      | 114.3 |
| 6×2     |      | 127   |
| 6×2 1/2 |      | 120.7 |
| 6×3     | 127  | 120.7 |
| 6×4     |      | 127   |

## Concentric Reducer



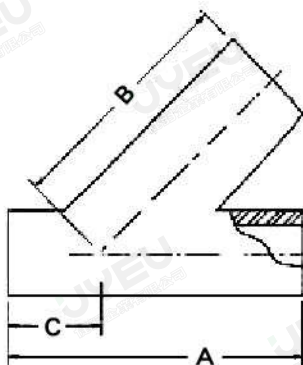
| Size    | A     | B     | C        |
|---------|-------|-------|----------|
| 1×3/4   | 25.4  | 19.05 | 35/25.4  |
| 1 1/2×1 | 38.1  | 25.4  | 60.5     |
| 2×1     | 50.8  | 25.4  | 60.5     |
| 2×1 1/2 | 50.8  | 38.1  | 60.5     |
| 2 1/2×2 | 63.5  | 50.8  | 60.5     |
| 3×1 1/2 | 76.2  | 38.1  | 92       |
| 3×2     | 76.2  | 50.8  | 92       |
| 3×2 1/2 | 76.2  | 63.5  | 92       |
| 4×1 1/2 | 101.6 | 38.1  | 101.6    |
| 4×2     | 101.6 | 50.8  | 101.6/92 |
| 4×2 1/2 | 101.6 | 63.5  | 101.6/92 |
| 4×3     | 101.6 | 76.2  | 101.6/92 |
| 6×4     | 152.4 | 101.6 | 140      |

## Truey



| Size  | OD    | A     |
|-------|-------|-------|
| 3/4   | 19.05 | 50.8  |
| 1     | 25.4  | 76.2  |
| 1 1/2 | 38.1  | 76.2  |
| 2     | 50.8  | 101.6 |
| 2 1/2 | 63.5  | 127   |
| 3     | 76.2  | 152.4 |
| 4     | 101.6 | 203.2 |
| 6     | 152.4 | 203.2 |

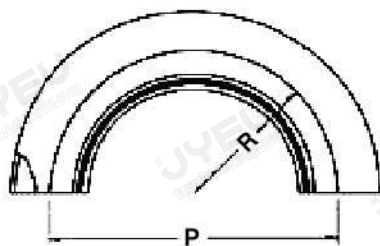
## Lateral Y And Reducing Lateral Y



| Size  | OD    | A   | B   | C     |
|-------|-------|-----|-----|-------|
| 3/4   | 19.05 | 70  | 50  | 25    |
| 1     | 25.4  | 90  | 70  | 38.1  |
| 1 1/2 | 38.1  | 120 | 80  | 38.1  |
| 2     | 50.8  | 180 | 120 | 50.8  |
| 2 1/2 | 63.5  | 230 | 140 | 63.5  |
| 3     | 76.2  | 250 | 175 | 76.2  |
| 4     | 101.6 | 350 | 230 | 101.6 |

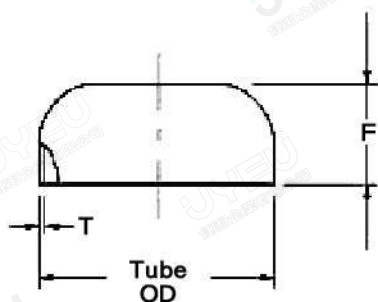


## 180° Return Bend Radius Elbow



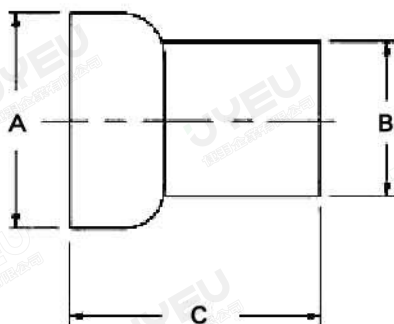
| Size  | OD    | P     | R     |
|-------|-------|-------|-------|
| 1     | 25.4  | 76.2  | 38.1  |
| 1 1/2 | 38.1  | 114.3 | 57.2  |
| 2     | 50.8  | 152.4 | 76.1  |
| 2 1/2 | 63.5  | 190.4 | 95.2  |
| 3     | 76.2  | 228.6 | 114.3 |
| 4     | 101.6 | 304.8 | 152.4 |

## End Cap



| Size  | OD    | T    | F     |
|-------|-------|------|-------|
| 3/4   | 19.05 | 1.65 | 19.1  |
| 1     | 25.4  | 1.65 | 19.1  |
| 1 1/2 | 38.1  | 1.65 | 25.4  |
| 2     | 50.8  | 1.65 | 25.4  |
| 2 1/2 | 63.5  | 1.65 | 25.4  |
| 3     | 76.2  | 1.65 | 31.75 |
| 4     | 101.6 | 2.1  | 38.1  |
| 6     | 152.4 | 2.77 | 63.5  |

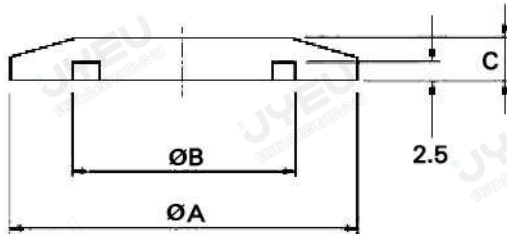
## End Cap Reducer



| Size        | A     | B     | C    |
|-------------|-------|-------|------|
| 1 × 1/2     | 25.4  | 12.7  | 60.5 |
| 1 × 3/4     |       | 19.05 |      |
| 1 1/2 × 1/2 | 38.1  | 12.7  |      |
| 1 1/2 × 3/4 |       | 19.05 |      |
| 1 1/2 × 1   |       | 25.4  |      |
| 2 × 1 1/2   | 50.8  | 38.1  |      |
| 2 1/2 × 2   | 63.5  | 50.8  | 92   |
| 3 × 1 1/2   | 76.2  | 38.1  |      |
| 3 × 2       |       | 50.8  |      |
| 4 × 2       | 101.6 | 50.8  |      |
| 6 × 4       | 152.4 | 101.6 | 140  |



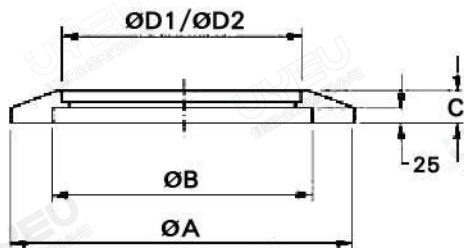
## NW Blank



| Size  | A   | B    | C  |
|-------|-----|------|----|
| NW10  | 30  | 12.2 | 5  |
| NW16  | 30  | 17.2 |    |
| NW25  | 40  | 26.2 |    |
| NW40  | 55  | 41.2 |    |
| NW50  | 75  | 52.2 |    |
| NW63  | 87  | 70   |    |
| NW80  | 114 | 83   | 12 |
| NW100 | 134 | 102  |    |
| NW160 | 190 | 153  |    |

• Material:304S.S.

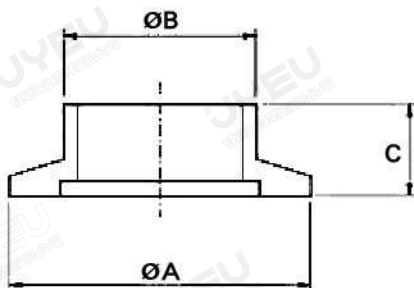
## NW Bored Blank



| Size  | A   | B    | C  | D1    | D2    |
|-------|-----|------|----|-------|-------|
| NW10  | 30  | 12.2 | 5  | 12.9  | -     |
| NW16  | 30  | 17.2 |    | 19.3  |       |
| NW25  | 40  | 26.2 |    | 25.7  |       |
| NW40  | 55  | 41.2 |    | 38.4  |       |
| NW50  | 75  | 52.2 |    | 51    |       |
| NW63  | 87  | 70   |    | 63.7  | 77    |
| NW80  | 114 | 83   | 11 | 77    | 89.5  |
| NW100 | 134 | 102  |    | 102   | 114.7 |
| NW160 | 190 | 153  |    | 152.9 | 166   |

• Material:304S.S.

## Weld Flange(Short)

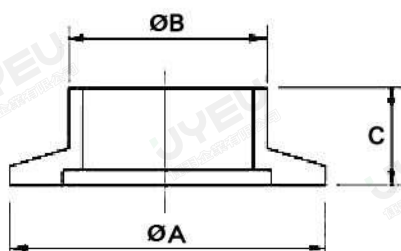


| Size | A  | B     | C    |
|------|----|-------|------|
| NW10 | 30 | 12.7  | 12.7 |
| NW16 | 30 | 19.05 | 12.7 |
| NW25 | 40 | 25.4  | 20   |
| NW40 | 55 | 38.1  | 20   |
| NW50 | 75 | 50.8  | 20   |

• Material:304S.S.

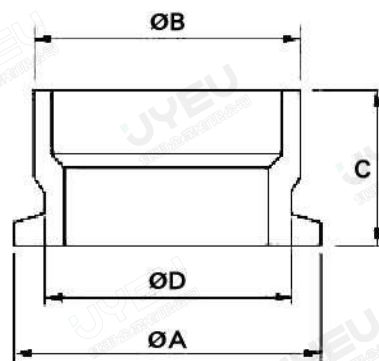
• Available area:USA

## Weld Flange(Short)



- Design 1 -

| Size | A  | B    | C  |
|------|----|------|----|
| NW25 | 40 | 27.2 | 20 |
| NW40 | 55 | 42.7 |    |
| NW50 | 75 | 60.5 |    |

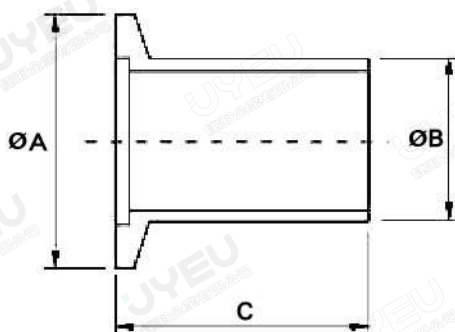


- Design 2 -

| Size | A  | B    | C  | D  |
|------|----|------|----|----|
| NW25 | 40 | 34   | 20 | 32 |
| NW40 | 55 | 48.6 |    | 45 |

• Material:304S.S. • Available area:Japan

## Weld Flange(Long)



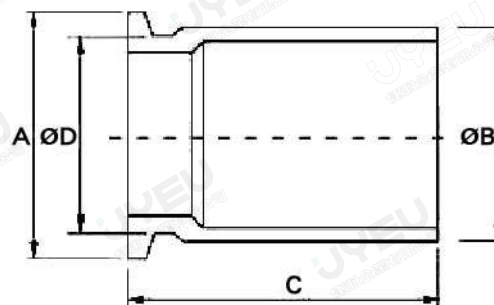
- Design 1 -

| Size | A  | B     | C  |
|------|----|-------|----|
| NW10 | 30 | 12.7  | 40 |
| NW16 | 30 | 19.05 |    |
| NW25 | 40 | 25.4  |    |
| NW40 | 55 | 38.1  |    |
| NW50 | 75 | 50.8  |    |

• Available area:U.S.A

|      |    |      |    |
|------|----|------|----|
| NW50 | 75 | 60.5 | 40 |
|------|----|------|----|

• Available area:Japan



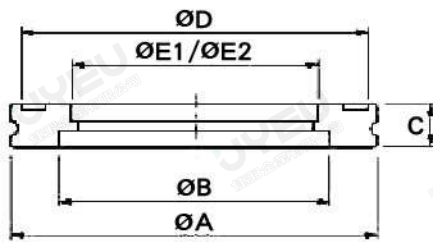
- Design 2 -

| Size | A  | B    | C  | D  |
|------|----|------|----|----|
| NW25 | 40 | 34   | 20 | 32 |
| NW40 | 55 | 48.6 |    | 45 |

• Available area:Japan

• Material:304S.S.

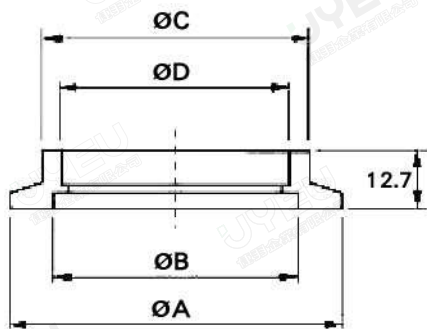
## ISO Bored Blank



| Size   | A   | B   | C  | D   | E1    | E2    |
|--------|-----|-----|----|-----|-------|-------|
| ISO63  | 95  | 70  | 12 | 90  | 63    | 77    |
| ISO80  | 110 | 83  |    | 105 | 77    | 89.5  |
| ISO100 | 130 | 102 |    | 125 | 105   | 114.7 |
| ISO160 | 180 | 153 |    | 175 | 152.9 | 166   |
| ISO200 | 240 | 213 |    | 235 | 203.7 | 217   |
| ISO250 | 290 | 261 |    | 258 | 254.5 | 268.4 |
| ISO320 | 370 | 381 | 17 | 365 | 305.3 | 320   |
| ISO400 | 450 | 400 |    | 445 | 406.9 | -     |
| ISO500 | 550 | 501 |    | 545 | 508.3 | -     |

• Material:304S.S.

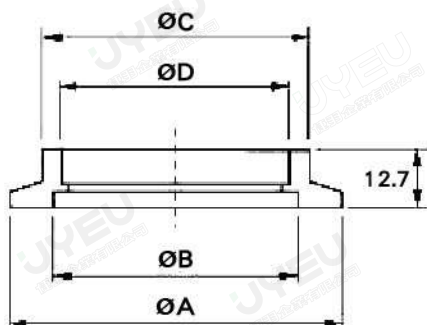
## ISO Blank



| Size   | A   | B   | C  | D   |
|--------|-----|-----|----|-----|
| ISO63  | 95  | 70  | 12 | 90  |
| ISO80  | 110 | 83  |    | 105 |
| ISO100 | 130 | 102 |    | 125 |
| ISO160 | 180 | 153 |    | 175 |
| ISO200 | 240 | 213 |    | 235 |
| ISO250 | 290 | 261 |    | 285 |
| ISO320 | 370 | 318 | 17 | 365 |
| ISO400 | 450 | 400 |    | 445 |
| ISO500 | 550 | 501 |    | 545 |

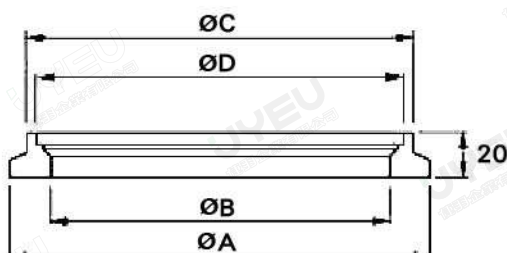
• Material:304S.S.

## NW Socket Weld Flange



- Design 1 -

| Size | A  | B    | C    | D    |
|------|----|------|------|------|
| NW10 | 30 | 12.2 | 16.5 | 13   |
| NW16 | 30 | 17.2 | 20.5 | 19.3 |
| NW25 | 40 | 26.2 | 29   | 25.7 |
| NW40 | 55 | 41.2 | 44.7 | 38.4 |
| NW50 | 75 | 52.2 | 57.4 | 51   |

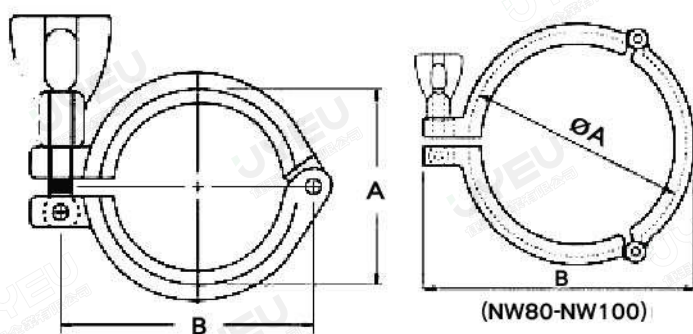


- Design 2 -

| Size  | A   | B   | C    | D     |
|-------|-----|-----|------|-------|
| NW63  | 87  | 70  | 67.5 | 63.7  |
| NW80  | 114 | 83  | 98   | 89.5  |
| NW100 | 134 | 102 | 118  | 114.7 |
| NW160 | 190 | 153 | 174  | 166   |



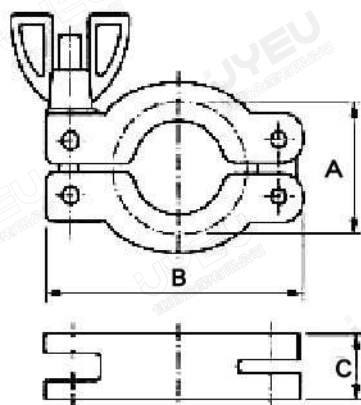
## 304 Clamp



| Size      | A    | B     |
|-----------|------|-------|
| NW16/NW10 | 33   | 49    |
| NW25      | 41.5 | 61.5  |
| NW40      | 62   | 78    |
| NW50      | 80.5 | 98    |
| NW80      | 115  | 150   |
| NW100     | 135  | 167.5 |

• Material:304S.S.

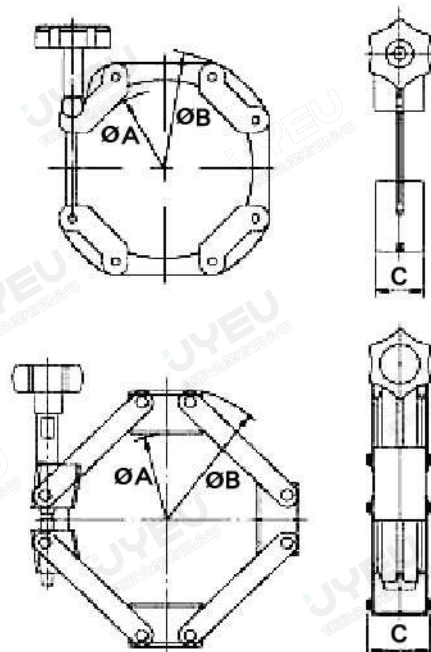
## Aluminum Clamp



| Size | A    | B   | C    |
|------|------|-----|------|
| NW16 | 35.3 | 62  | 16.6 |
| NW25 | 43   | 72  | 16.6 |
| NW40 | 58.5 | 90  | 16.6 |
| NW50 | 80   | 113 | 20.6 |

• Material:Aluminum

## Aluminum Clamp Chain



- Design 1 -

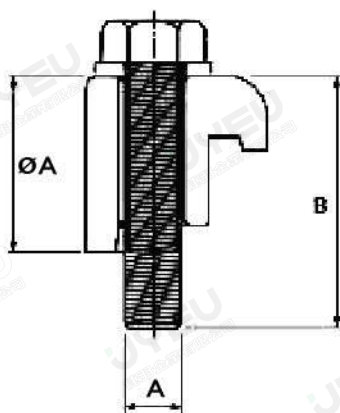
| Size | A  | B   | C    |
|------|----|-----|------|
| NW16 | 22 | 56  | 20.5 |
| NW25 | 32 | 66  |      |
| NW40 | 46 | 80  |      |
| NW50 | 69 | 100 |      |
| NW63 | 78 | 112 |      |

- Design 2 -

| Size  | A   | B   | C  |
|-------|-----|-----|----|
| NW80  | 165 | 100 | 38 |
| NW100 | 185 | 122 |    |
| NW160 | 225 | 174 |    |

• Material:Aluminum

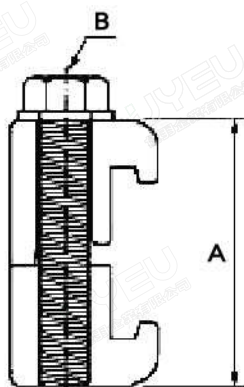
## ISO Single Claw Clamp



| Catalog Number | A   | B  | C    | Fit Flanges |
|----------------|-----|----|------|-------------|
| ISO63-100SWCA  | M8  | 35 | 23.5 | ISO63       |
|                |     |    |      | ISO80       |
|                |     |    |      | ISO100      |
| ISO160-250SWCA | M10 | 35 | 23.5 | ISO60       |
|                |     |    |      | ISO200      |
|                |     |    |      | ISO250      |
| ISO320-500SWCA | M12 | 50 | 30   | ISO320      |
|                |     |    |      | ISO400      |
|                |     |    |      | ISO500      |

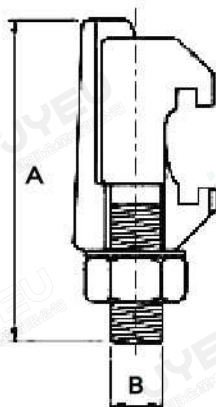
• Material: Aluminum

## ISO Double Claw Clamp



| Catalog Number | A  | B   | Quantity | Fit Flanges |
|----------------|----|-----|----------|-------------|
| ISO63-100DWCA  | 45 | M8  | 4        | ISO63       |
|                |    |     |          | ISO80       |
|                |    |     |          | ISO100      |
| ISO160-250DWCA | 45 | M10 | 6        | ISO60       |
|                |    |     |          | ISO200      |
|                |    |     |          | ISO250      |
| ISO320-500DWCA | 60 | M12 | 8        | ISO320      |
|                |    |     | 12       | ISO400      |
|                |    |     |          | ISO500      |

• Material: Aluminum

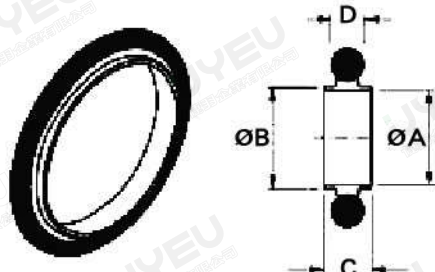


| Catalog Number | A    | B    | Quantity | Fit Flanges |
|----------------|------|------|----------|-------------|
| ISO63-250DCC   | 61.5 | 61.5 | 4        | ISO63       |
|                |      |      |          | ISO80       |
|                |      |      |          | ISO100      |
|                |      |      | 6        | ISO160      |
|                |      |      |          | ISO200      |
| ISO320-500DCC  | 76   | 76   | 8        | ISO250      |
|                |      |      |          | ISO320      |
|                |      |      | 12       | ISO400      |
| ISO630DCC      | 86   | 86   |          | ISO630      |

• Material: 304S.S.



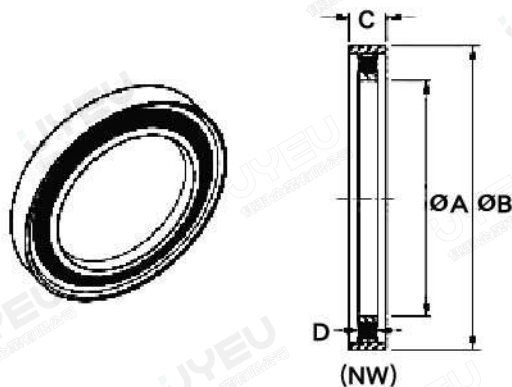
## NW-ISO Centering With O'ring



- Material:  
C/R:304S.S.  
O'ring:Viton

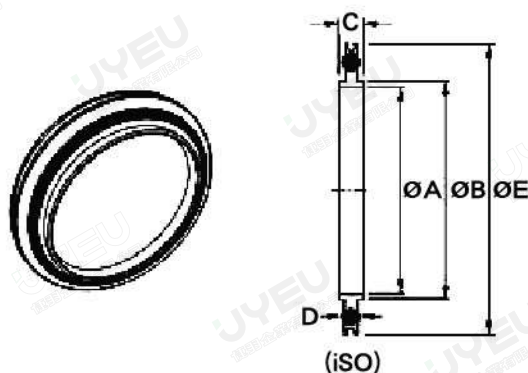
| Size   | A   | B     | C  | D   |
|--------|-----|-------|----|-----|
| NW10   | 10  | 12    | 8  | 3.9 |
| NW16   | 16  | 17    |    |     |
| NW25   | 25  | 26    |    |     |
| NW40   | 40  | 41    |    |     |
| NW50   | 50  | 52    |    |     |
| ISO63  | 67  | 69.5  |    |     |
| ISO80  | 80  | 82.6  |    |     |
| ISO100 | 100 | 101.6 |    |     |
| ISO160 | 150 | 152.6 |    |     |
| ISO200 | 210 | 212.6 |    |     |
| ISO250 | 257 | 260.4 | 12 | 5.6 |
| ISO320 | 312 | 317.3 |    |     |
| ISO400 | 394 | 399.2 |    |     |
| ISO500 | 494 | 500.2 |    |     |

## NW-ISO Outer Ring Centering Ring With O'ring



| Size | A  | B    | C | D   |
|------|----|------|---|-----|
| NW16 | 16 | 32.5 | 8 | 3.9 |
| NW25 | 25 | 42.5 |   |     |
| NW40 | 40 | 57.5 |   |     |
| NW50 | 50 | 77.5 |   |     |

- Material:  
O/R:Aluminum    O'ring:Viton    C/R:304S.S

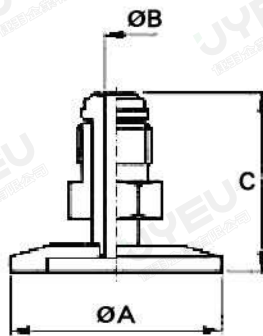


| Size   | A     | B     | C  | D   | E   |
|--------|-------|-------|----|-----|-----|
| ISO63  | 67    | 69.5  | 8  | 3.9 | 94  |
| ISO80  | 80    | 82.6  |    |     | 109 |
| ISO100 | 100   | 101.6 |    |     | 128 |
| ISO160 | 150   | 152.6 |    |     | 179 |
| ISO200 | 210   | 212.6 |    |     | 238 |
| ISO250 | 257.5 | 260.4 |    |     | 287 |
| ISO320 | 312   | 317.3 |    |     | 344 |
| ISO400 | 394   | 399.2 | 12 | 5.6 | 446 |
| ISO500 | 494   | 500.2 |    |     | 535 |

- Material •  
O/R:Aluminum    O'ring:Viton    C/R:304S.S

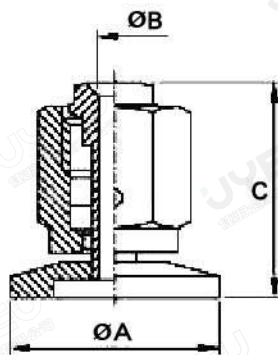


## NW-VCR Mule Adaptor



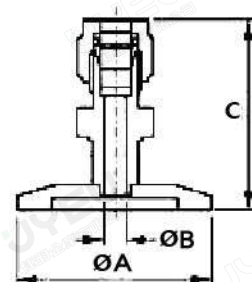
| Size      | A  | B   | C  | VCR  |
|-----------|----|-----|----|------|
| NW16MVCR6 | 30 | 4.4 | 37 | 1/4" |
| NW25MVCR6 | 40 |     |    |      |
| NW40MVCR6 | 55 |     |    |      |
| NW50MVCR6 | 75 |     |    |      |

## NW-VCR Female Adaptor



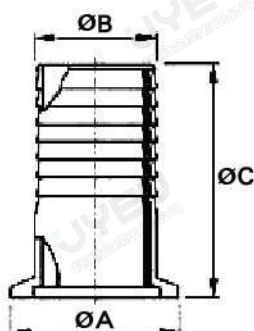
| Size      | A  | B   | C  | VCR  |
|-----------|----|-----|----|------|
| NW16FVCR6 | 30 | 4.4 | 37 | 1/4" |
| NW25FVCR6 | 40 |     |    |      |
| NW40FVCR6 | 55 |     |    |      |
| NW50FVCR6 | 75 |     |    |      |

## NW-Swagelok Adaptor



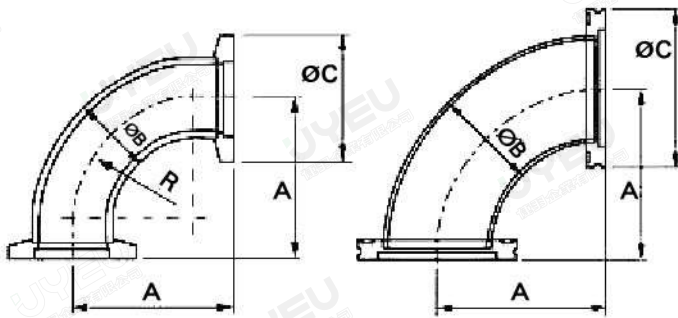
| Size     | A  | B   | C    | VCR  |
|----------|----|-----|------|------|
| NW16SWA6 | 30 | 4.4 | 36.5 | 1/4" |
| NW25SWA6 | 40 |     |      |      |
| NW40SWA6 | 55 |     |      |      |
| NW50SWA6 | 75 |     |      |      |

## NW Rubber Hose Adaptor



| Size    | A  | B     | C  |
|---------|----|-------|----|
| NW16RHA | 30 | 19.05 | 40 |
| NW25RHA | 40 | 25.4  |    |
| NW40RHA | 55 | 38.1  |    |
| NW50RHA | 75 | 50.8  |    |

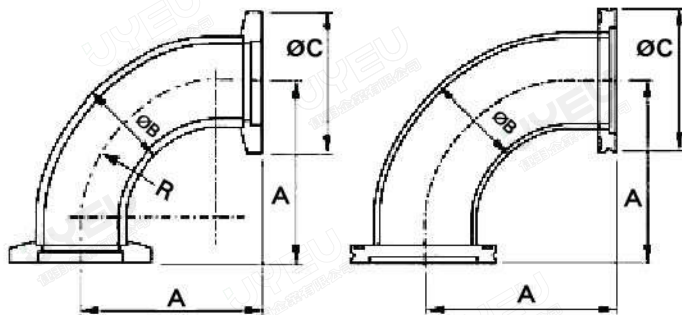
## ISO-NW Elbow 90° Smooth Radius



| Size  | A     | B     | C   | R     |
|-------|-------|-------|-----|-------|
| NW16  | 41.3  | 19.05 | 30  | 28.6  |
| NW25  | 42    | 25.4  | 40  | 38.1  |
| NW40  | 61    | 38.1  | 55  | 57.2  |
| NW50  | 80    | 50.8  | 75  | 76.2  |
| NW63  | 102   | 63.5  | 95  | 95.3  |
| NW80  | 121   | 76.2  | 110 | 114.3 |
| NW100 | 159.4 | 101.6 | 130 | 152.4 |
| NW160 | 235.2 | 152.4 | 180 | 228.6 |

• Material:304S.S.

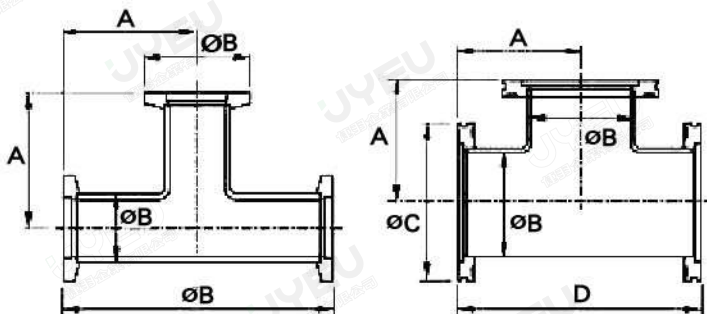
## ISO-NW Elbow 90° with Tangents



| Size  | A     | B     | C   | R     |
|-------|-------|-------|-----|-------|
| NW25  | 56.2  | 25.4  | 40  | 38.1  |
| NW40  | 78.4  | 38.1  | 55  | 57.2  |
| NW50  | 107   | 50.8  | 75  | 76.2  |
| NW63  | 138.8 | 63.5  | 95  | 95.3  |
| NW80  | 167   | 76.2  | 110 | 114.3 |
| NW100 | 218   | 101.6 | 130 | 152.4 |

• Material:304S.S.

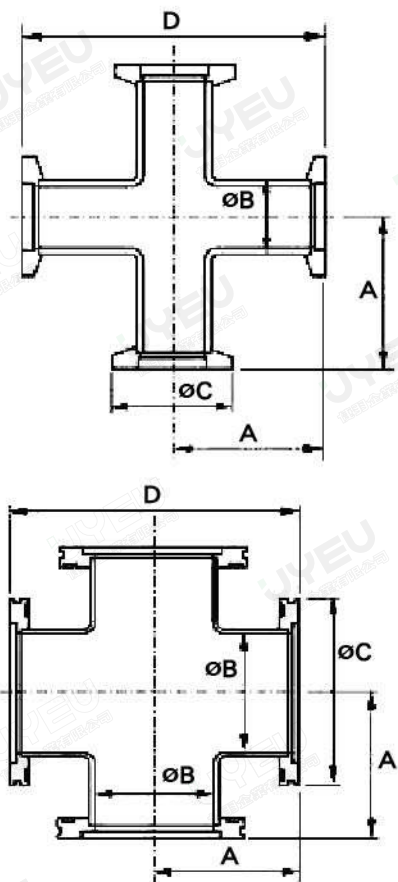
## ISO-NW Tee



| Size   | A      | B     | C   | R     |
|--------|--------|-------|-----|-------|
| NW16   | 38.1   | 19.05 | 30  | 76.2  |
| NW25   | 51.4   | 25.4  | 40  | 102.8 |
| NW40   | 61     | 38.1  | 55  | 122   |
| NW50   | 80     | 50.8  | 75  | 160   |
| ISO63  | 82.8   | 63.5  | 95  | 166   |
| ISO80  | 59.5   | 76.2  | 110 | 179   |
| ISO100 | 105.34 | 101.6 | 130 | 210.8 |
| ISO160 | 134    | 152.4 | 180 | 268   |

• Material:304S.S.

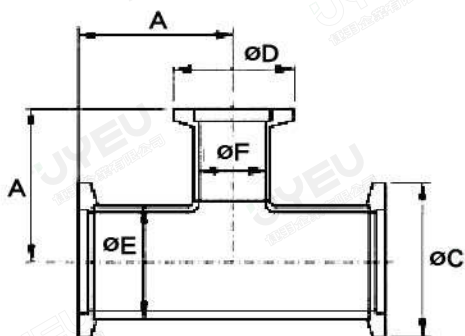
## ISO-NW 4-Way Cross



| Size   | A     | B     | C   | D     |
|--------|-------|-------|-----|-------|
| NW16   | 38.1  | 19.05 | 30  | 76.2  |
| NW25   | 51.4  | 25    | 40  | 102.8 |
| NW40   | 61    | 38.1  | 55  | 122   |
| NW50   | 80    | 50.8  | 75  | 160   |
| ISO63  | 83    | 63.5  | 95  | 166   |
| ISO80  | 89.5  | 76.2  | 110 | 179   |
| ISO100 | 105.4 | 101.6 | 130 | 210.8 |
| ISO160 | 134   | 152.4 | 180 | 268   |

• Material:304S.S.

## NW Unequal Tees

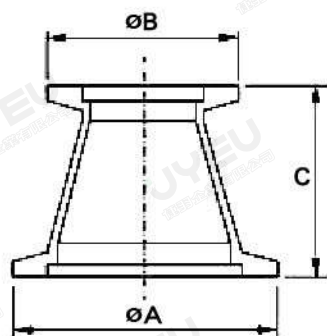


| Catalog Number | A    | B    | C  | D  |
|----------------|------|------|----|----|
| NW25XNW16      | 51.4 | 37.5 | 40 | 30 |
| NW40XNW16      | 61   | 52   | 55 | 30 |
| NW40XNW25      |      | 57.8 |    | 40 |
| NW50XNW16      | 80   | 58.2 | 75 | 30 |
| NW50XNW25      |      | 64.1 |    | 40 |
| NW50XNW40      |      | 67.3 |    | 55 |

• Material:304S.S.



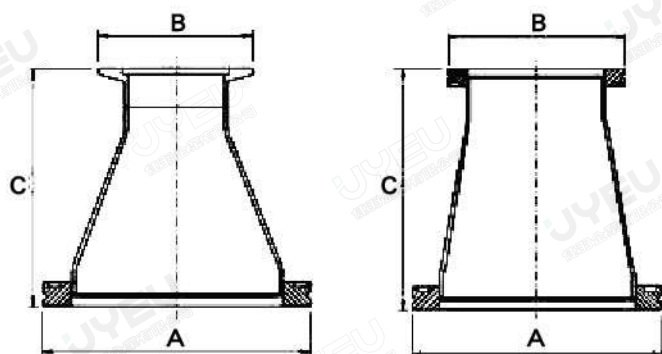
## Conical Reducing Adaptor



| Catalog Number | A  | B  | C  |
|----------------|----|----|----|
| NW25XNW16      | 40 | 30 | 40 |
| NW40XNW16      | 55 | 30 |    |
| NW40XNW25      |    | 40 |    |
| NW50XNW16      | 75 | 30 |    |
| NW50XNW25      |    | 40 |    |
| NW50XNW40      |    | 55 |    |

• Material:304S.S.

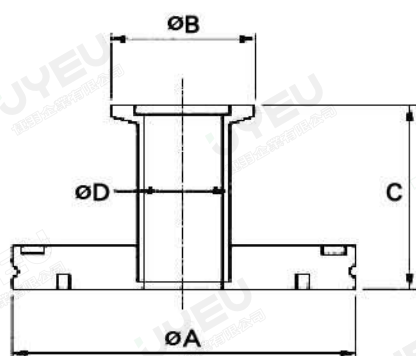
## ISO-NW Conical Reducing Adaptor



| Catalog Number | A   | B   | C     |
|----------------|-----|-----|-------|
| ISO63XNW40     | 95  | 55  | 78    |
| ISO63XNW50     |     | 75  | 78    |
| ISO80XNW40     | 110 | 55  | 112.6 |
| ISO80XNW50     |     | 75  | 103   |
| ISO100XNW40    | 130 | 55  | 112.6 |
| ISO100XNW50    |     | 75  | 112.6 |
| ISO100XISO80   |     | 110 | 106   |
| ISO160XISO100  | 180 | 130 | 154   |

• Material:304S.S.

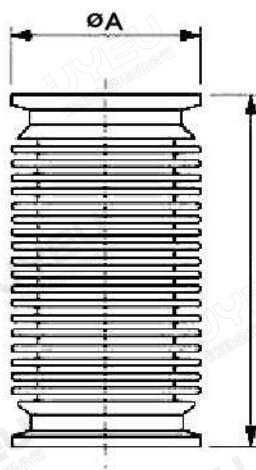
## ISO-NW Tubulated Adaptor



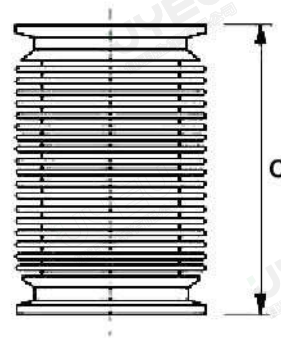
| Catalog Number | A   | B  | C  | D    |
|----------------|-----|----|----|------|
| ISO63XNW25     | 95  | 40 | 42 | 25.4 |
| ISO63XNW40     |     | 55 |    | 38.1 |
| ISO63XNW50     |     | 75 |    | 50.8 |
| ISO80XNW25     | 110 | 40 |    | 25.4 |
| ISO80XNW40     |     | 55 |    | 38.1 |
| ISO80XNW50     |     | 75 |    | 50.8 |
| ISO100XNW25    | 130 | 40 |    | 25.4 |
| ISO100XNW40    |     | 55 |    | 38.1 |
| ISO100XNW50    |     | 75 |    | 50.8 |

• Material:304S.S.

## NW/ISO Conical Bellows Connections



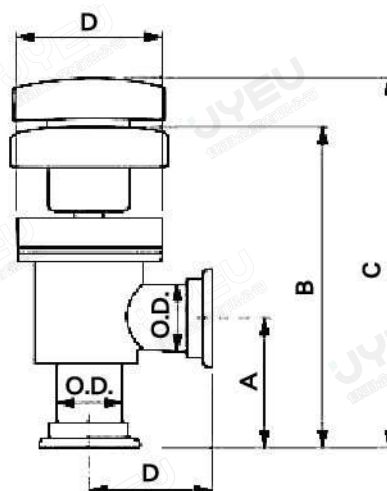
Compressed Length  
壓縮後長度



| Size   | A   | B   | C   |
|--------|-----|-----|-----|
| NW10   | 30  | 100 | 80  |
| NW16   | 30  |     |     |
| NW25   | 40  |     |     |
| NW40   | 55  |     |     |
| NW50   | 75  | 180 | 160 |
| ISO63  | 95  |     |     |
| ISO80  | 110 |     |     |
| ISO100 | 130 |     |     |
| ISO160 | 180 | 200 | 180 |

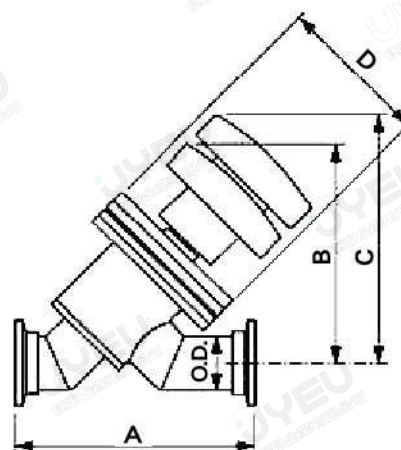
- Material Excluding Bellows:304S.S.
- 長度可依實際需求製作  
The length depend on demand oreoduction.

## Manually Operated Angle Valves with Bellows -90°



| Size         | OD    | A    | B     | C     | D    |
|--------------|-------|------|-------|-------|------|
| AV-NW16-90-M | 19.05 | 54.6 | 137.4 | 156.2 | 56.9 |
| AV-NW25-90-M | 25.4  | 51.6 | 130.3 | 150   | 56.9 |
| AV-NW40-90-M | 38.1  | 61   | 157.5 | 190   | 75.7 |
| AV-NW50-90-M | 50.8  | 86.4 | 207   | 252   | 88.4 |

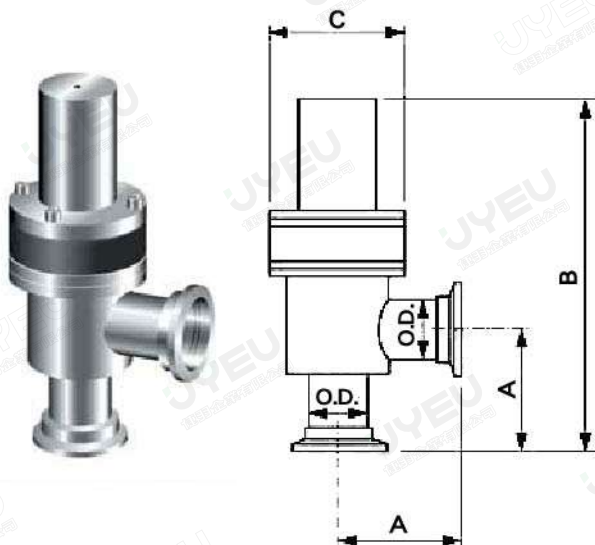
## Manually Operated Angle Valves with Bellows -180°



| Size          | OD    | A     | B     | C     | D    |
|---------------|-------|-------|-------|-------|------|
| AV-NW16-180-M | 19.05 | 101.6 | 98.8  | 112.5 | 56.9 |
| AV-NW25-180-M | 25.4  | 106.7 | 98.8  | 112.5 | 56.9 |
| AV-NW40-180-M | 38.1  | 130   | 124.2 | 147.3 | 75.7 |
| AV-NW50-180-M | 50.8  | 177.8 | 142   | 173.5 | 88.4 |

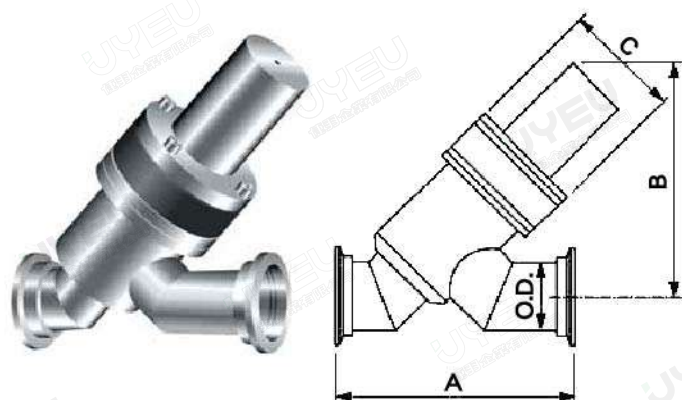


## Pneumatically Actuated Angle Valves with Bellows -90°



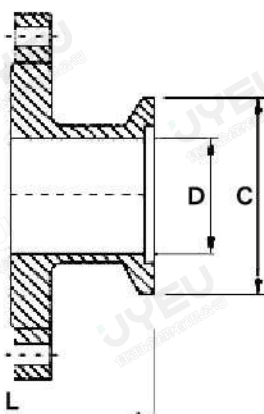
| Size         | OD    | A    | B      | C    |
|--------------|-------|------|--------|------|
| AV-NW16-90-P | 19.05 | 54.6 | 156.47 | 56.9 |
| AV-NW25-90-P | 25.4  | 51.6 | 15.4   | 56.9 |
| AV-NW40-90-P | 38.1  | 61   | 193    | 75.7 |
| AV-NW50-90-P | 50.8  | 86.4 | 262.4  | 88.4 |

## Pneumatically Actuated Angle Valves with Bellows -180°



| Size          | OD    | A     | B     | C    |
|---------------|-------|-------|-------|------|
| AV-NW16-180-P | 19.05 | 101.6 | 105.4 | 56.9 |
| AV-NW25-180-P | 25.4  | 106.7 | 105.7 | 56.9 |
| AV-NW40-180-P | 38.1  | 130   | 145   | 75.7 |
| AV-NW50-180-P | 50.8  | 177.8 | 181.6 | 88.4 |

## NW/ISO Flange Ball Valve 3PC

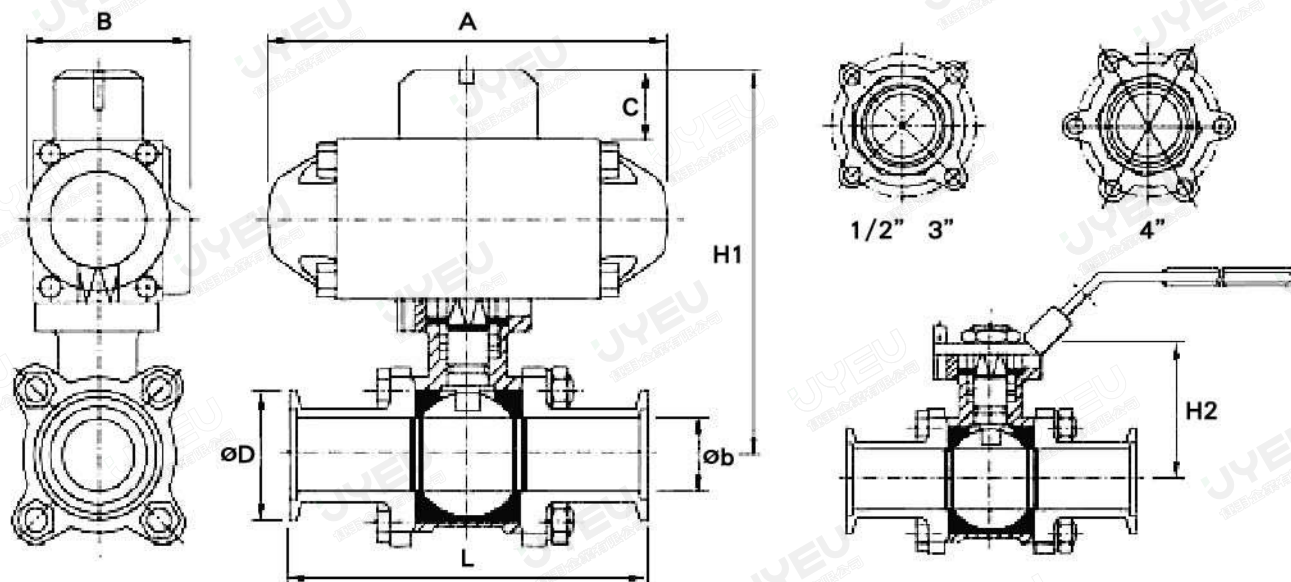


| Size   | ØC  | ØD   | E   | H     | L   |
|--------|-----|------|-----|-------|-----|
| NW16   | 30  | 15.9 | 105 | 62.5  | 125 |
| NW25   | 40  | 22.2 | 128 | 70.7  | 120 |
| NW40   | 55  | 36   | 128 | 76.2  | 112 |
| NW50   | 75  | 46   | 154 | 89.1  | 135 |
| NW50   | 75  | 50   | 194 | 98    | 145 |
| ISO80  | 110 | 72   | 194 | 110.6 | 210 |
| ISO100 | 130 | 97.4 | 335 | 168.5 | 257 |

## Mount Actuator For 3PC NW/ISO Flange

(Single Action/Double Action)

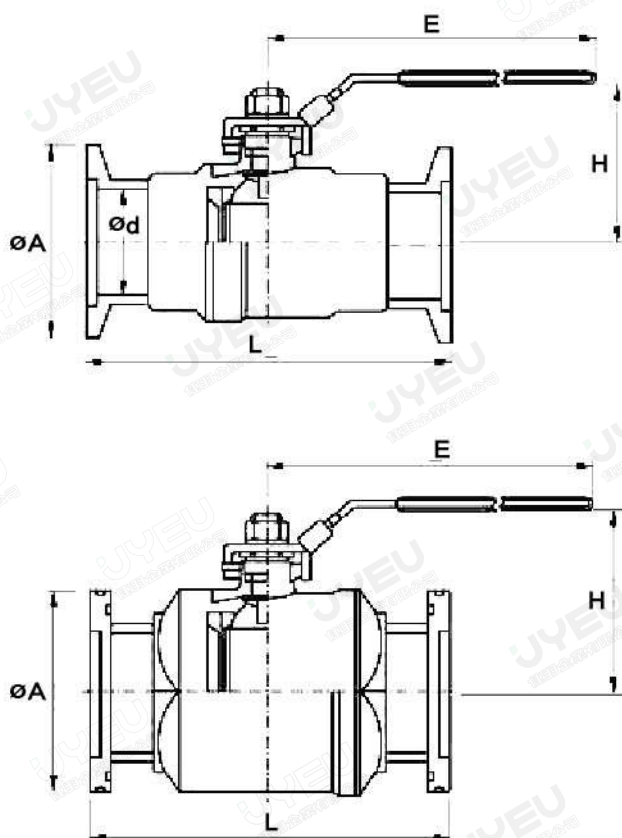
氣動式三片式球閥(單動/雙動)



驅動器

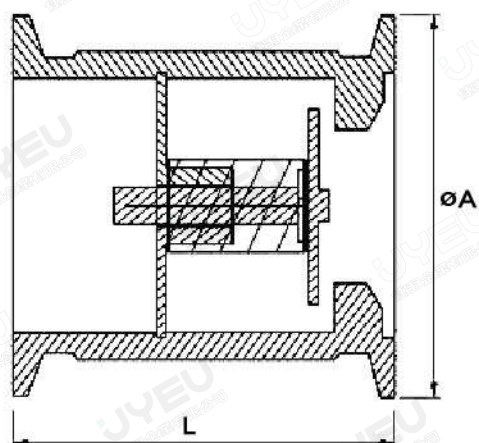
| Size   | ØD  | Øb   | A     | B     | C  | H1  | H2    | L   | Pneumatic Actuator |
|--------|-----|------|-------|-------|----|-----|-------|-----|--------------------|
| NW16   | 30  | 15.9 | 140.5 | 70.5  | 20 | 133 | 42.4  | 125 | T50DA              |
| NW25   | 40  | 22.2 | 140.5 | 70.5  |    | 140 | 48.5  | 120 | T50DA              |
| NW40   | 55  | 35   | 158.5 | 83    |    | 160 | 54    | 112 | T63DA              |
| NW50   | 75  | 47.6 | 158.5 | 83    |    | 171 | 66    | 135 | T63DA              |
| ISO80  | 110 | 73   | 268.5 | 123   |    | 245 | 109.8 | 210 | T88DA              |
| ISO100 | 130 | 97.4 | 315   | 151.5 | 30 | 330 | 141   | 257 | T125DA             |

## NW/ISO Flange Ball Valve 2PC



| Size   | ØC  | ØD   | E   | H     | L   |
|--------|-----|------|-----|-------|-----|
| NW16   | 30  | 15.9 | 105 | 62.5  | 125 |
| NW25   | 40  | 22.2 | 128 | 70.7  | 120 |
| NW40   | 55  | 36   | 128 | 76.2  | 112 |
| NW50   | 75  | 46   | 154 | 89.1  | 135 |
| NW50   | 75  | 50   | 194 | 98    | 145 |
| ISO80  | 110 | 72   | 194 | 110.6 | 210 |
| ISO100 | 130 | 97.4 | 335 | 168.5 | 257 |

## NW Flange Check Valve

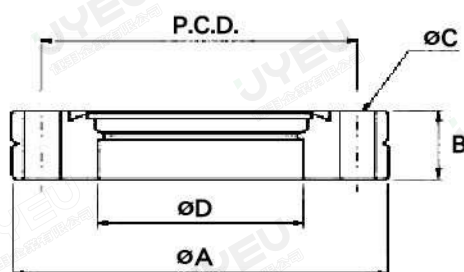


| Size | A  | L   |
|------|----|-----|
| NW40 | 55 | 120 |
| NW50 | 75 | 135 |

- Material:  
Forged/Stainless Steel Round Bar  
Gaskrt:Viton  
Spring:Steel



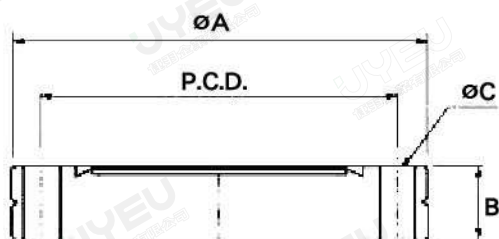
## Bored Flange



| Size      | ØA    | B    | ØCxNo.  | ØD    | P.C.D. |
|-----------|-------|------|---------|-------|--------|
| CF16B19   | 33.8  | 7.5  | 4.4x6   | 19.3  | 26.9   |
| CF35B25   | 69.5  | 12.7 | 6.7x6   | 25.6  | 58.7   |
| CF35B38   |       |      |         | 38.3  |        |
| CF35B42   |       |      |         | 42.9  |        |
| CF63B50   | 113.6 | 18   | 8.4x8   | 51.1  | 92.1   |
| CF63B63   |       |      |         | 63.7  |        |
| CF100B102 | 151.6 | 20   | 8.4x16  | 101.8 | 130.3  |
| CF150B153 | 202.5 | 22   | 8.4x20  | 153.1 | 181    |
| CF200B204 | 253.2 | 24.7 | 8.4x24  | 203.7 | 231.8  |
| CF250B255 | 336.5 | 28.5 | 10.3x30 | 254.5 | 306.5  |
| CF300B305 |       |      |         | 305.4 | 325.7  |
| CF350B356 | 419.1 |      |         | 356.1 | 388.9  |

• Material:304S.S.

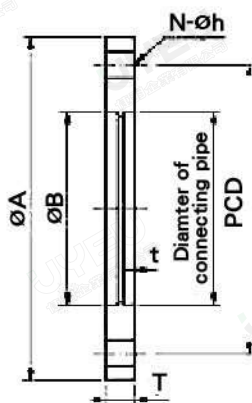
## Blank



| Size   | ØA    | B    | ØCxNo.  | P.C.D. |
|--------|-------|------|---------|--------|
| CF16B  | 33.8  | 7.5  | 4x4.6   | 26.9   |
| CF35B  | 69.5  | 12.7 | 6.7x6   | 58.7   |
| CF63B  | 113.6 | 18   | 8.4x8   | 92.1   |
| CF100B | 151.6 | 20   | 8.4x16  | 130.3  |
| CF150B | 202.5 | 22   | 8.4x20  | 181    |
| CF200B | 253.2 | 24.7 | 8.4x24  | 231.8  |
| CF250B | 336.5 | 28.5 | 10.3x30 | 306.5  |
| CF300B | 355.6 | 28.5 | 10.3x30 | 325.7  |
| CF350B | 419.1 | 28.5 | 10.3x36 | 388.9  |

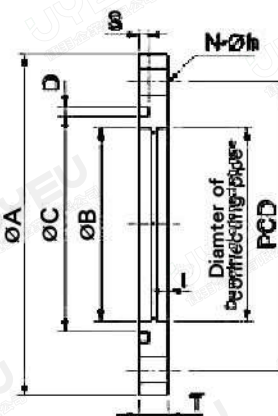
• Material:304S.S.

## JIS-VF Flange



| Connecting Pipe | ØA  | ØB  | P.C.D. | T  | t | N  | Øh |
|-----------------|-----|-----|--------|----|---|----|----|
| 10A(Ø17.3)      | 70  | 18  | 50     | 8  | 3 | 4  | 10 |
| 20A(Ø27.2)      | 80  | 28  | 60     |    |   |    |    |
| 25A(Ø34.0)      | 90  | 35  | 70     |    |   |    |    |
| 40A(Ø48.6)      | 105 | 50  | 85     | 10 | 5 | 8  | 12 |
| 50A(Ø60.5)      | 120 | 62  | 100    |    |   |    |    |
| 65A(Ø76.3)      | 145 | 77  | 120    |    |   |    |    |
| 80A(Ø89.1)      | 160 | 90  | 135    | 12 | 8 | 12 | 15 |
| 100A(Ø114.3)    | 185 | 115 | 160    |    |   |    |    |
| 125A(Ø139.8)    | 210 | 141 | 185    |    |   |    |    |
| 150A(Ø165.2)    | 235 | 166 | 210    | 16 | 8 | 12 | 15 |
| 200A(Ø216.3)    | 300 | 217 | 270    |    |   |    |    |
| 250A(Ø267.4)    | 350 | 268 | 320    |    |   |    |    |

## JIS-VG Flange



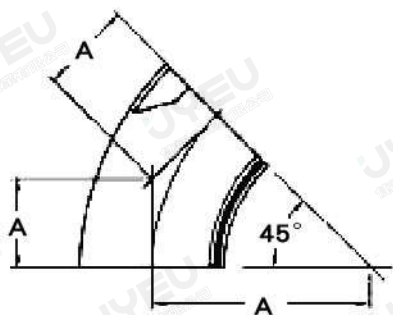
| Connecting Pipe | ØA  | ØB  | ØC  | D | S   | P.C.D. | T  | t | N  | Øh |
|-----------------|-----|-----|-----|---|-----|--------|----|---|----|----|
| 10A(Ø17.3)      | 70  | 18  | 24  | 5 | 3   | 50     | 8  | 3 | 4  | 10 |
| 20A(Ø27.2)      | 80  | 28  | 34  |   |     | 60     |    |   |    |    |
| 25A(Ø34.0)      | 90  | 35  | 40  |   |     | 70     |    |   |    |    |
| 40A(Ø48.6)      | 105 | 50  | 55  |   |     | 85     | 10 | 5 | 8  | 12 |
| 50A(Ø60.5)      | 120 | 62  | 70  |   |     | 100    |    |   |    |    |
| 65A(Ø76.3)      | 145 | 77  | 85  |   |     | 120    |    |   |    |    |
| 80A(Ø89.1)      | 160 | 90  | 100 |   |     | 135    | 12 | 8 | 12 | 15 |
| 100A(Ø114.3)    | 185 | 115 | 120 |   |     | 160    |    |   |    |    |
| 125A(Ø139.8)    | 210 | 141 | 150 | 8 | 4.5 | 185    | 16 | 8 | 12 | 15 |
| 150A(Ø165.2)    | 235 | 166 | 175 |   |     | 210    |    |   |    |    |
| 200A(Ø216.3)    | 300 | 217 | 225 |   |     | 270    |    |   |    |    |
| 250A(Ø267.4)    | 350 | 268 | 275 |   |     | 320    |    |   |    |    |



## 焊接用45°彎頭

### 45° Elbow For Welding

IDF-002

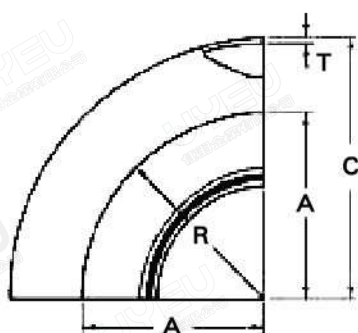


| Size  | A    | R     |
|-------|------|-------|
| 1     | 15.8 | 38.1  |
| 1 1/2 | 23.8 | 57.2  |
| 2     | 31.8 | 76.2  |
| 2 1/2 | 39.7 | 95.2  |
| 3     | 47.6 | 114.3 |
| 4     | 63.5 | 152.4 |

## 焊接用90°短彎頭

### 90° Elbow For Welding

IDF-003

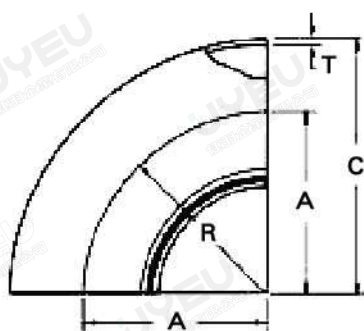


| Size  | A     | R     | T   | C      |
|-------|-------|-------|-----|--------|
| 1     | 35    | 35    | 1.2 | 47.7   |
| 1 1/2 | 50    | 50    |     | 69.05  |
| 2     | 62    | 62    | 1.5 | 87.4   |
| 2 1/2 | 85    | 85    | 2.0 | 116.75 |
| 3     | 90    | 90    |     | 128.1  |
| 4     | 133.4 | 133.4 |     | 184.2  |

## 焊接用90°長彎頭

### 90° Long For Welding

IDF-004

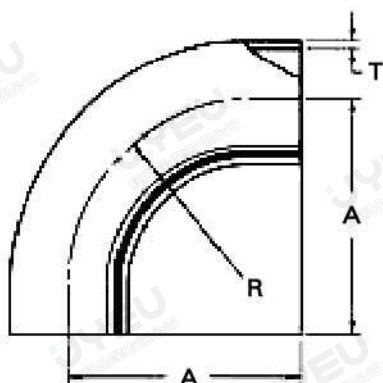


| Size  | A     | R     | T    | C     |
|-------|-------|-------|------|-------|
| 1     | 38.1  | 38.1  | 1.65 | 50.8  |
| 1 1/2 | 57.2  | 57.2  |      | 76.2  |
| 2     | 76.2  | 76.2  |      | 101.6 |
| 2 1/2 | 95.2  | 95.2  |      | 127   |
| 3     | 114.3 | 114.3 | 2.1  | 152.4 |
| 4     | 152.4 | 152.4 |      | 203.2 |



## 焊接用90° 長彎頭帶直管 90° Radius Elbow With Tangents

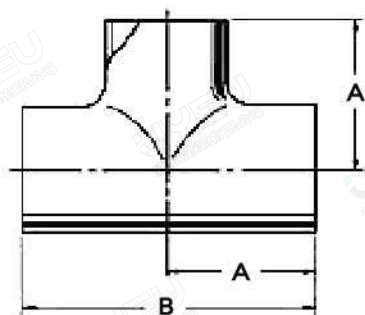
IDF-005



| Size  | A     | R     | T    |
|-------|-------|-------|------|
| 1     | 52.4  | 38.1  | 1.65 |
| 1 1/2 | 74.6  | 57.2  |      |
| 2     | 103.2 | 76.2  |      |
| 2 1/2 | 131.8 | 95.2  |      |
| 3     | 160.3 | 114.3 |      |
| 4     | 211.1 | 152.4 | 2.1  |

## 焊接用三通管 Tee For Welding

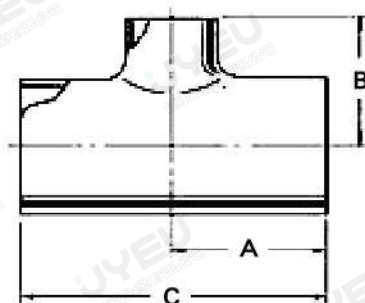
IDF-006



| Size  | A     | B     |
|-------|-------|-------|
| 1     | 35    | 70    |
| 1 1/2 | 50    | 100   |
| 2     | 62    | 124   |
| 2 1/2 | 85    | 170   |
| 3     | 90    | 180   |
| 4     | 133.4 | 266.8 |

## 焊接異徑三通管 Reducing Tee For Welding

IDF-007

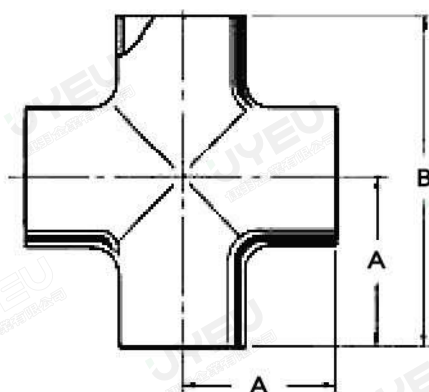


| Size        | A     | R  | C     |
|-------------|-------|----|-------|
| 1 1/2x1     | 50    | 40 | 100   |
| 2x1         | 62    | 45 | 124   |
| 2x1 1/2     |       |    |       |
| 2 1/2x1 1/2 | 85    | 50 | 170   |
| 2 1/2x2     |       |    |       |
| 3x2         | 90    | 60 | 180   |
| 3x2 1/2     |       |    |       |
| 4x2         | 133.4 | 70 | 266.8 |
| 4x2 1/2     |       |    |       |
| 4x3         |       |    |       |

## 焊接用十字通

### Cross For Welding

IDF-008

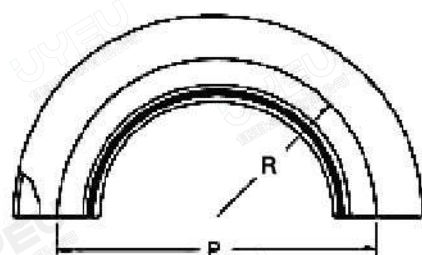


| Size  | A     | B     |
|-------|-------|-------|
| 1     | 35    | 70    |
| 1 1/2 | 50    | 100   |
| 2     | 62    | 124   |
| 2 1/2 | 85    | 170   |
| 3     | 90    | 180   |
| 4     | 133.4 | 266.8 |

## 焊接用180°彎頭

### 180° Bend For Welding

IDF-009

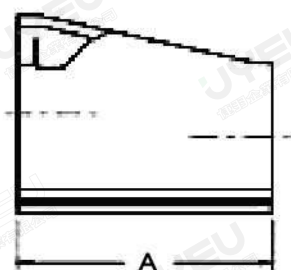


| Size  | A     | B     |
|-------|-------|-------|
| 1     | 35    | 70    |
| 1 1/2 | 50    | 100   |
| 2     | 62    | 124   |
| 2 1/2 | 85    | 170   |
| 3     | 90    | 180   |
| 4     | 133.4 | 266.8 |

## 焊接用偏心大小頭

### Eccentric Reducer

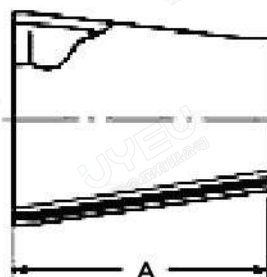
IDF-010



## 焊接用同心大小頭

### Concentric Reducer

IDF-011

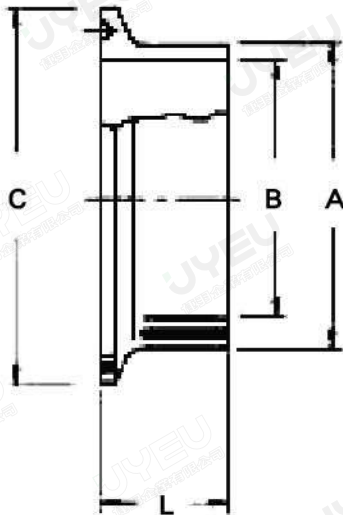


| Size        | ØA    |
|-------------|-------|
| 1 1/2x1     | 67.5  |
| 2x1         |       |
| 2x1 1/2     |       |
| 2 1/2x1 1/2 |       |
| 2 1/2x2     |       |
| 3x2         |       |
| 3x2 1/2     | 101.6 |
| 4x2         |       |
| 4x2 1/2     |       |
| 4x3         |       |

## 夾板式接頭(焊接用)

Ferrule For Welding

IDF-012



| Size  | A     | B     | C     | 14WMP<br>L | 14MMP<br>L | 14AMP<br>L |
|-------|-------|-------|-------|------------|------------|------------|
| 1/2   | 12.75 | 9.7   | 25.2  | 12.7       | 21.5       | 28.6       |
| 3/4   | 19.05 | 16    |       |            |            |            |
| 1     | 25.4  | 22.1  | 50.4  | X          |            |            |
| 1 1/4 | 31.8  | 28.5  |       |            |            |            |
| 1 1/2 | 38.1  | 34.8  |       |            |            |            |
| 2     | 50.8  | 47.5  | 63.9  | 12.7       |            |            |
| 2 1/2 | 63.5  | 60.2  | 77.4  |            |            |            |
| 3     | 76.2  | 72.9  | 90.9  |            |            |            |
| 4     | 101.6 | 97.6  | 118.9 |            |            |            |
| 6     | 152.5 | 146.8 | 166.8 | X          |            | 28.6/38.1  |
| 8     | 203.3 | 197.6 | 217.7 |            |            |            |
| 10    | 254.1 | 247.2 | 268.5 |            |            |            |
| 12    | 304.9 | 298   | 319.3 |            |            |            |

## • ISO Ferrule

| Size         | A     | B     | C     | L1   | L2   |
|--------------|-------|-------|-------|------|------|
| DN8          | 13.5  | 10.3  | 34    | 21.5 | 28.6 |
| DN10         | 17.5  | 14    |       |      |      |
| DN15         | 21.6  | 18.1  |       |      |      |
| DN20         | 26.9  | 23.7  | 50.5  |      |      |
| DN25         | 33.7  | 30.5  |       |      |      |
| DN32         | 42.4  | 39.2  | 64    |      |      |
| DN40         | 48.3  | 45.1  |       |      |      |
| DN50         | 60.3  | 56.3  |       |      |      |
| DN65         | 76.1  | 72.1  | 91    |      |      |
| DN80(3 1/2)  | 88.9  | 84.9  | 106   |      |      |
| DN100(4 1/2) | 114.3 | 109.1 | 130   |      |      |
| DN125        | 139.7 | 133.7 | 155   | X    |      |
| DN150        | 168.3 | 162.3 | 183   |      |      |
| DN200        | 219.1 | 211.1 | 233.5 |      |      |

## • DIN Ferrule

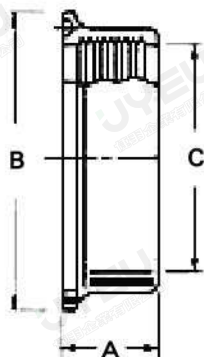
| Size  | A   | B   | C     | L1   | L2   |
|-------|-----|-----|-------|------|------|
| DN10  | 12  | 10  | 34    | 21.5 | 28.6 |
| DN15  | 18  | 16  |       |      |      |
| DN20  | 22  | 20  |       |      |      |
| DN28  | 28  | 26  | 50.5  |      |      |
| DN34  | 34  | 32  |       |      |      |
| DN40  | 40  | 38  |       |      |      |
| DN52  | 52  | 50  | 64    |      |      |
| DN70  | 70  | 66  | 91    |      |      |
| DN85  | 85  | 81  | 106   |      |      |
| DN100 | 104 | 100 | 119   |      |      |
| DN125 | 129 | 125 | 155   |      |      |
| DN150 | 154 | 150 | 183   |      |      |
| DN200 | 204 | 200 | 233.5 |      |      |



## 夾板式接頭(擴管用)

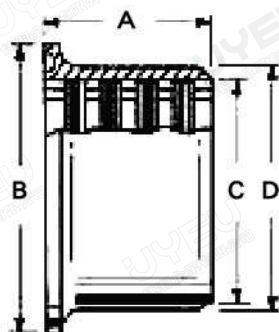
Ferrule For Expanding

IDFR IDF-013



| Size  | A  | B    | C    |
|-------|----|------|------|
| 1     | 20 | 50.4 | 25.7 |
| 1 1/2 | 20 | 50.4 | 38.4 |
| 2     | 20 | 63.9 | 51.1 |
| 2 1/2 | 25 | 77.4 | 63.8 |
| 3     | 30 | 90.9 | 76.6 |

14RMP

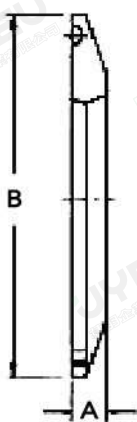


| Size  | A    | B    | C     | D     |
|-------|------|------|-------|-------|
| 1     | 19.1 | 50.4 | 25.5  | 25.5  |
| 1 1/2 | 28.6 |      | 38.2  | 38.2  |
| 2     | 33.3 | 63.9 | 50.9  | 50.9  |
| 2 1/2 | 34.9 | 77.4 | 63.6  | 63.6  |
| 3     | 36.5 | 91   | 76.3  | 76.3  |
| 4     | 38.1 | 119  | 101.7 | 101.7 |

## 夾板式盲板

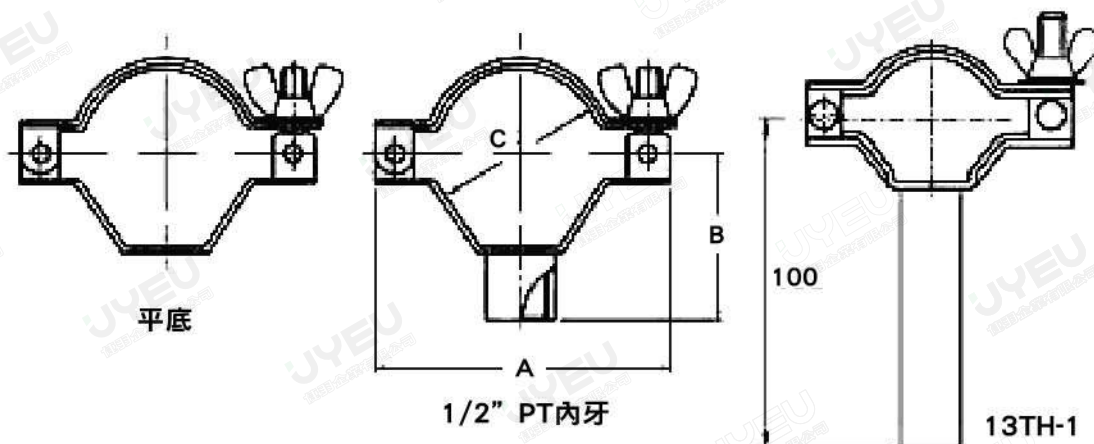
Blank

IDF-014



| Size    | 共通尺寸      |           | A    | B     |
|---------|-----------|-----------|------|-------|
|         | DIN       | ISO       |      |       |
| 1/2-3/4 | -         | -         | 4.75 | 25.2  |
| A37     | DN10-DN20 | DN8-DN15  | 6.4  | 34    |
| 1-1 1/2 | DN28-DN40 | DN20-DN32 |      | 50.4  |
| 2       | DN52      | DN40      |      | 63.9  |
| 2 1/2   | DN70      | DN50      |      | 77.4  |
| 3       | -         | DN65      |      | 90.9  |
| 3 1/2   | DN85      | DN80      | 7.9  | 106   |
| 4       | DN100     | -         |      | 118.9 |
| 4 1/2   | -         | DN100     |      | 130   |
|         | DN125     | DN125     | 11.1 | 155   |
| 6       | -         | -         |      | 166.8 |
|         | DN150     | DN150     |      | 183   |
| 8       | -         | -         |      | 217.7 |
|         | DN200     | DN200     |      | 233.5 |
| 10      | -         | -         |      | 268.5 |
| 12      | -         | -         |      | 319.5 |

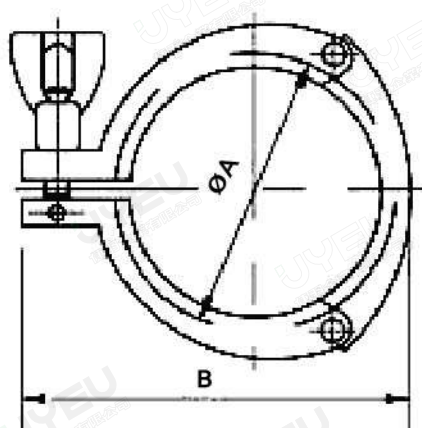
管固定夾  
Pipe Hanger  
IDF-150



| Size  | A   | B  | C     |
|-------|-----|----|-------|
| 1     | 66  | 37 | 25.4  |
| 1 1/2 | 75  | 42 | 38.1  |
| 2     | 93  | 47 | 50.8  |
| 2 1/2 | 109 | 54 | 63.5  |
| 3     | 124 | 60 | 76.3  |
| 4     | 151 | 73 | 101.6 |

夾帶  
Clamp Ring

• 三節式重型夾帶 3 Pieces Clamp  
13MHHS



| Size  | ØA    | ØB  |
|-------|-------|-----|
| 1 1/2 | 54    | 80  |
| 2     | 67.5  | 94  |
| 2 1/2 | 80.9  | 109 |
| 3     | 84.4  | 126 |
| 4     | 122.4 | 154 |



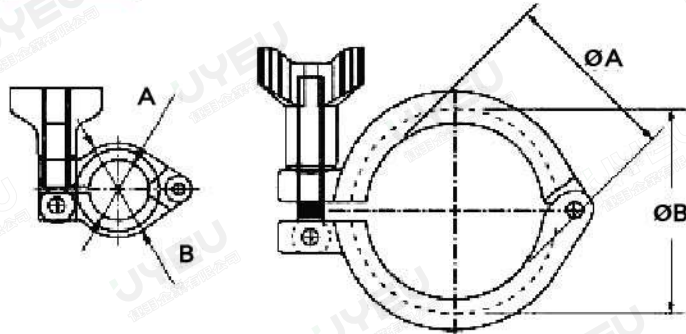
## 夾帶

### Clamp Ring

#### • 單鉚釘重型夾帶

#### Heavy Duty Single Pin Clamp (IDF-015)

13MHH

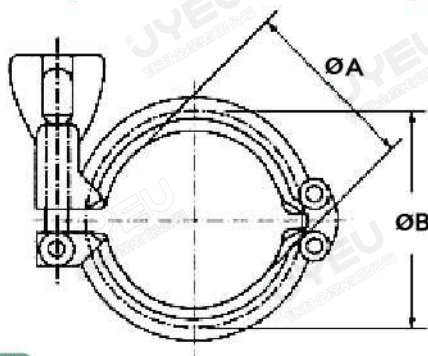


| Size    | A     | B     |
|---------|-------|-------|
| 1/2-3/4 | 20    | 28    |
| A37     | 27.8  | 37    |
| 1-1 1/2 | 44.4  | 53.6  |
| 2       | 57.8  | 67    |
| 2 1/2   | 71.4  | 80.6  |
| 3       | 84    | 94.2  |
| 3 1/2   | 99    | 109.2 |
| 4       | 110   | 122.2 |
| 4 1/2   | 123   | 134   |
| 6       | 155.4 | 170.4 |
| 8       | 205   | 220   |
| 10      | 258   | 272.7 |
| 12      | 310   | 323.5 |

#### • 雙鉚釘重型夾帶

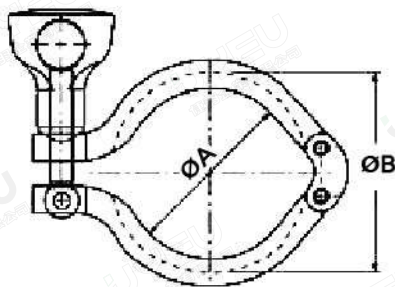
#### Heavy Duty Double Pin Clamp

13SF



| Size  | A   | B    |
|-------|-----|------|
| 1 1/2 | 45  | 58.6 |
| 2     | 59  | 72   |
| 2 1/2 | 67  | 84   |
| 3     | 85  | 98   |
| 4     | 114 | 127  |

13MHM

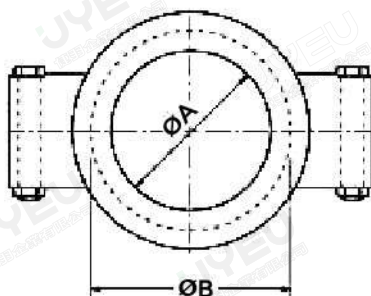


| Size  | A    | B     |
|-------|------|-------|
| 1 1/2 | 43.6 | 53.6  |
| 2     | 57   | 67    |
| 2 1/2 | 70.6 | 80.6  |
| 3     | 84   | 94    |
| 4     | 112  | 122   |
| 6     | 155  | 170   |
| 8     | 205  | 220.8 |

#### • H型夾帶

#### High Pressure Clamp With Screw Bolt Brass Nut

13MHP



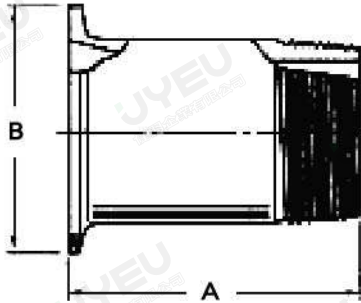
| Size    | A     | B     |
|---------|-------|-------|
| 1/2-3/4 | 20    | 28    |
| 1 1/2   | 43.3  | 52    |
| 2       | 56.4  | 65.5  |
| 2 1/2   | 69.5  | 79    |
| 3       | 77.5  | 92.5  |
| 4       | 109   | 120.5 |
| 6       | 158   | 170   |
| 8       | 222.5 | 237.5 |



## 夾板式配管PT外牙

## Adapter Ferrule With Pipe Threads

IDF-016

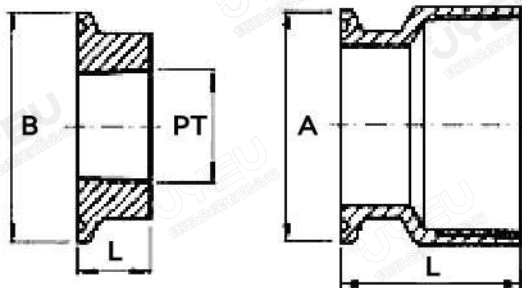


| Size        | A    | B    |
|-------------|------|------|
| 3/4x1/4     | 28.6 | 25.2 |
| 3/4x3/8     | 28.6 |      |
| 3/4x1/2     | 40   |      |
| 1 1/2x1/4   | 30   | 50.4 |
| 1 1/2x3/8   | 30   |      |
| 1 1/2x1/2   | 45   |      |
| 1 1/2x3/4   | 45   |      |
| 1 1/2x1     | 45   |      |
| 1 1/2x1 1/4 | 50   |      |
| 1 1/2x1 1/2 | 50   | 63.9 |
| 2x1 1/4     | 50   |      |
| 2x1 1/2     | 50   |      |
| 2 1/2x2     | 50   | 77.4 |
| 2 1/2x2     | 50   |      |
| 3x2         | 50   | 90.9 |
| 3x2 1/2     | 50   |      |

## 夾板式配管PT內牙

## Adapter Ferrule With Threads Socket

IDF-019

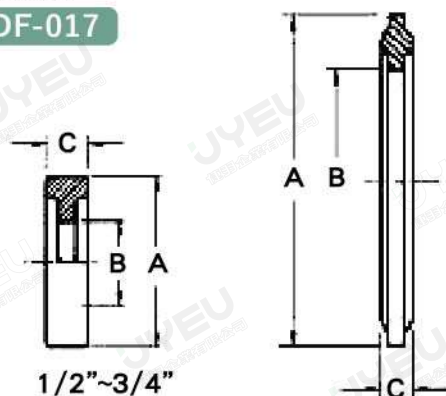


| Size        | A    | B    |
|-------------|------|------|
| 3/4x1/4     | 25.2 | 17.5 |
| 1 1/2x1/4   | 50.4 | 17.5 |
| 1 1/2x3/8   |      | 17.5 |
| 1 1/2x1/2   |      | 17.5 |
| 1 1/2x3/4   |      | 17.5 |
| 1 1/2x1     |      | 17.5 |
| 1 1/2x1 1/4 |      | 39   |
| 1 1/2x1 1/2 |      | 39   |
| 2x1 1/2     | 63.9 | 50   |

## 墊片

## Gasket

IDF-017



| Size  | A     | B     | C   |
|-------|-------|-------|-----|
| 1/2   | 21.8  | 9.5   | 4.8 |
| 3/4   | 21.8  | 15.8  |     |
| 1     | 49.7  | 21.7  | 5.1 |
| 1 1/2 | 49.7  | 34.6  |     |
| 2     | 62.4  | 46.7  |     |
| 2 1/2 | 75.4  | 59.4  |     |
| 3     | 89.3  | 71.9  |     |
| 3 1/2 | 106   | 85    |     |
| 4     | 117   | 97.4  |     |
| 6     | 166.3 | 146   |     |
| 8     | 217.7 | 197.6 |     |

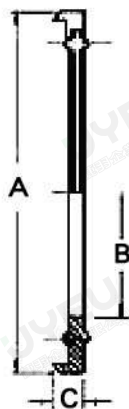
## • Materials •

Steel Rings: EPDM, Silicon, Viton, PTFE

## C型墊片

### C Type Gaskrt

IDF-018



| Size  | A     | B     | C   |
|-------|-------|-------|-----|
| 1     | 52.7  | 23.3  | 5.1 |
| 1 1/2 | 52.7  | 36    |     |
| 2     | 66.2  | 48.1  |     |
| 2 1/2 | 79.7  | 59.8  |     |
| 3     | 93.2  | 72.6  |     |
| 4     | 121.2 | 98    |     |
| 6     | 169.1 | 148   |     |
| 8     | 219   | 197.6 |     |
| 10    | 270.7 | 249   |     |
| 12    | 321.5 | 300   |     |

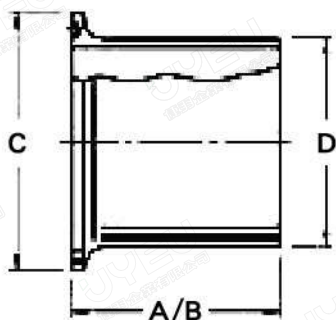
#### • Material •

Steel Rings:EPDM,Silicon,Vition

## 夾板式桶槽用接頭

### Clamp Tank Welding Ferrule

IDF-032

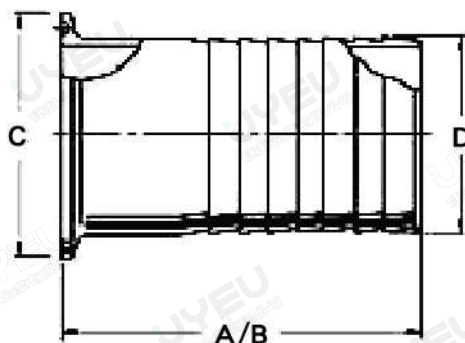


| Size  | A  | B    | C     | D     |
|-------|----|------|-------|-------|
| 1     | 50 | 76.2 | 50.4  | 25.4  |
| 1 1/2 |    |      | 50.4  | 38.1  |
| 2     |    |      | 63.9  | 50.8  |
| 2 1/2 |    |      | 77.4  | 63.5  |
| 3     |    |      | 90.9  | 76.2  |
| 4     |    |      | 118.9 | 101.6 |

## 夾板式橡皮管接頭

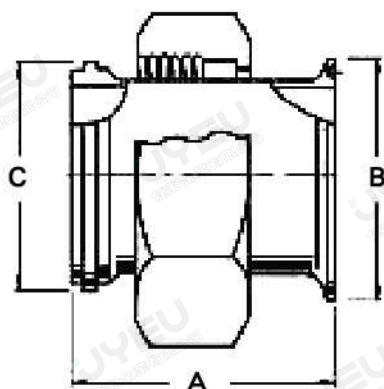
### Clamp Rubber Hose Adapter

IDF-033



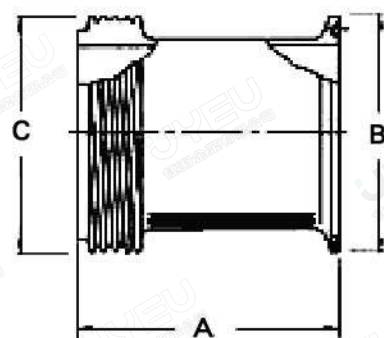
| Size  | A   | B    | C     | D     |
|-------|-----|------|-------|-------|
| 1/2   | x   | 38.1 | 25.2  | 12.7  |
| 3/4   |     | 38.1 | 25.2  | 19.05 |
| 1x1/2 |     | 38.1 | 50.4  | 12.7  |
| 1x3/4 |     | 38.1 | 50.4  | 19.05 |
| 1     | 100 | 43   | 50.4  | 25.4  |
| 1 1/2 |     | 43   | 50.4  | 38.1  |
| 2     |     | 58.7 | 63.9  | 50.8  |
| 2 1/2 |     | 59.5 | 77.4  | 63.5  |
| 3     |     | 78.6 | 90.9  | 76.2  |
| 4     |     | 85.5 | 118.9 | 101.6 |

### 夾板式接頭附六角螺母 Clamp Adapter With Hex Nut IDF-034



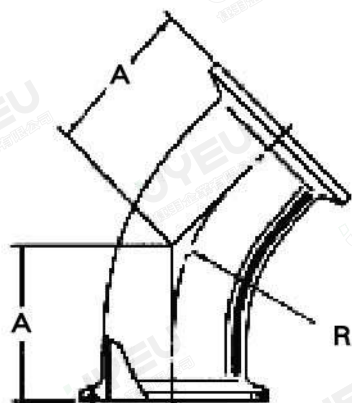
| Size  | A  | B     | C     |
|-------|----|-------|-------|
| 1     | 50 | 50.4  | 33.8  |
| 1 1/2 | 50 | 50.4  | 47    |
| 2     | 50 | 63.9  | 60.5  |
| 2 1/2 | 50 | 77.4  | 74    |
| 3     | 80 | 90.9  | 87.5  |
| 4     | 90 | 118.9 | 120.6 |

### 夾板式接頭一端附牙 Clamp Adapter With Thread On The End IDF-033



| Size  | A  | B     | C     |
|-------|----|-------|-------|
| 1     | 50 | 50.4  | 37.1  |
| 1 1/2 |    | 50.4  | 50.7  |
| 2     |    | 63.9  | 64.2  |
| 2 1/2 |    | 77.4  | 77.7  |
| 3     |    | 90.9  | 91.2  |
| 4     |    | 118.9 | 125.9 |

### 夾板式45°彎頭 Clamp 45° Elbow IDF-020



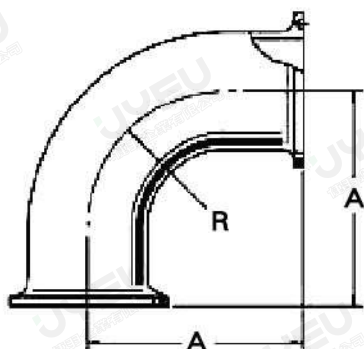
| Size  | A    | B     |
|-------|------|-------|
| 1     | 36   | 35    |
| 1 1/2 | 44   | 50    |
| 2     | 51.5 | 62    |
| 2 1/2 | 62   | 85    |
| 3     | 72.5 | 90    |
| 4     | 82   | 133.4 |



## 夾板式90°彎頭

### Clamp 90° Elbow

IDF-021

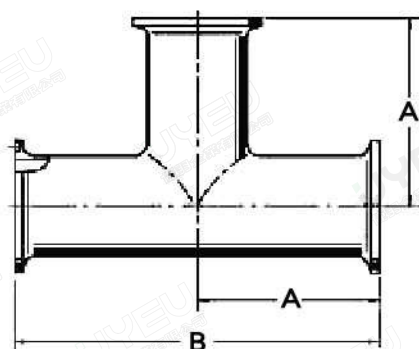


| Size  | A   | R     |
|-------|-----|-------|
| 1     | 55  | 35    |
| 1 1/2 | 70  | 50    |
| 2     | 82  | 62    |
| 2 1/2 | 105 | 85    |
| 3     | 110 | 90    |
| 4     | 162 | 133.4 |

## 夾板式三通

### Clamp Tee

IDF-022

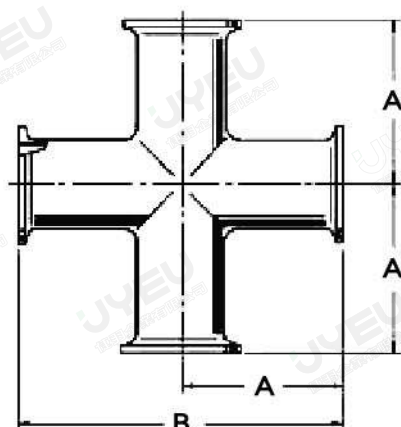


| Size  | A   | B   |
|-------|-----|-----|
| 1     | 55  | 110 |
| 1 1/2 | 70  | 140 |
| 2     | 82  | 164 |
| 2 1/2 | 105 | 210 |
| 3     | 110 | 220 |
| 4     | 162 | 324 |

## 夾板式十字型管

### Clamp Cross

IDF-023

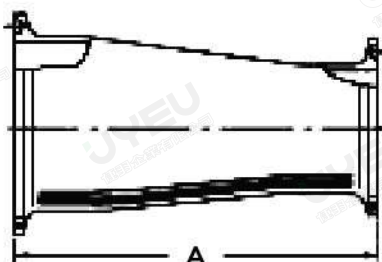


| Size  | A   | B   |
|-------|-----|-----|
| 1     | 55  | 110 |
| 1 1/2 | 70  | 140 |
| 2     | 82  | 164 |
| 2 1/2 | 105 | 210 |
| 3     | 110 | 220 |
| 4     | 162 | 324 |

### 夾板式同心漸縮管

#### Clamp Conlentric Reducer

IDF-024

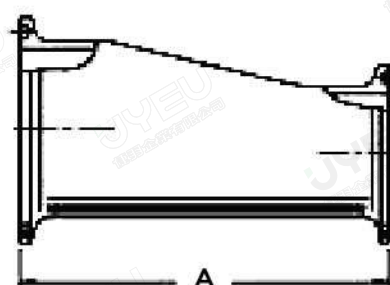


| Size        | A   |
|-------------|-----|
| 1 1/2x1     | 110 |
| 2x1         |     |
| 2x 1 1/2    |     |
| 2 1/2x1 1/2 |     |
| 2 1/2x2     |     |
| 3x2         |     |
| 3x2 1/2     | 130 |
| 4x2         |     |
| 4x2 1/2     |     |
| 4x3         |     |

### 夾板式偏心漸縮管

#### Clamp Eccentric Reducer

IDF-025

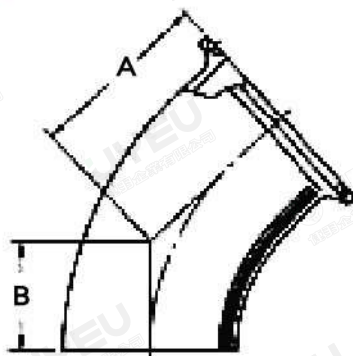


| Size        | A    |
|-------------|------|
| 1 1/2x1     | 76.2 |
| 2x1         | 127  |
| 2x 1 1/2    | 76.2 |
| 2 1/2x1 1/2 | 127  |
| 2 1/2x2     | 76.2 |
| 3x2         | 127  |
| 3x2 1/2     | 76.2 |
| 4x2         | 130  |
| 4x2 1/2     | 130  |
| 4x3         | 130  |

### 單邊夾板式45° 焊接用彎頭

#### Clamp 45° Sweep Elbow For Welding

IDF-026

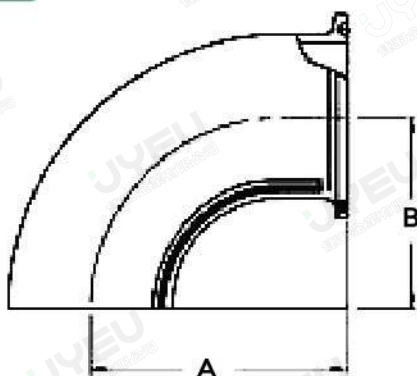


| Size  | A    | B    |
|-------|------|------|
| 1     | 36   | 15.8 |
| 1 1/2 | 44   | 23.8 |
| 2     | 51.5 | 31.6 |
| 2 1/2 | 62   | 42   |
| 3     | 72.5 | 52.6 |
| 4     | 82   | 55.4 |

## 單邊夾板式90° 焊接用彎頭

Clamp 90° Sweep Elbow For Welding

IDF-027



| Size  | A   | B     |
|-------|-----|-------|
| 1     | 55  | 35    |
| 1 1/2 | 70  | 50    |
| 2     | 82  | 62    |
| 2 1/2 | 105 | 85    |
| 3     | 110 | 90    |
| 4     | 162 | 133.4 |

## 由任式盲板

Union Blank

IDF-036

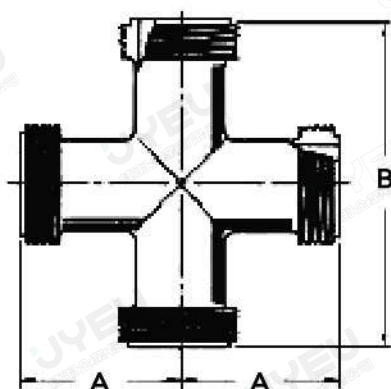


| Size  | A     | B     | C    |
|-------|-------|-------|------|
| 1     | 33.8  | 29.2  | 11.5 |
| 1 1/2 | 47    | 42.7  |      |
| 2     | 60.5  | 56.2  |      |
| 2 1/2 | 74    | 69.9  |      |
| 3     | 87.5  | 82.6  | 13   |
| 4     | 114.5 | 108.7 |      |

## 十字通管(左有上下附牙)

Cross Threaded On The Four Ends

IDF-037



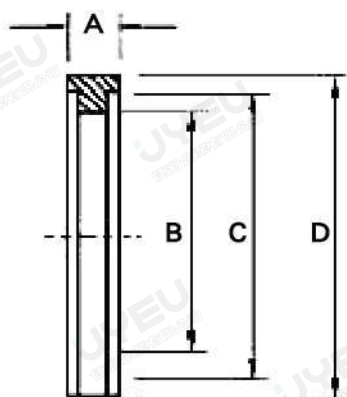
| Size  | A   | B   |
|-------|-----|-----|
| 1     | 55  | 110 |
| 1 1/2 | 70  | 140 |
| 2     | 82  | 164 |
| 2 1/2 | 105 | 210 |
| 3     | 110 | 220 |
| 4     | 163 | 326 |



## H型墊片

### H-Gasket

IDF-038

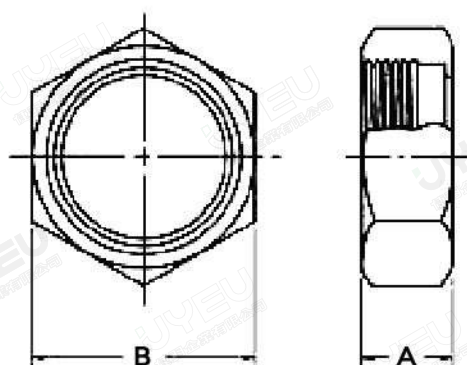


| Size  | A   | B    | C     | D     |
|-------|-----|------|-------|-------|
| 1     | 7.0 | 23.0 | 29.0  | 32    |
| 1 1/2 |     | 35.7 | 42.5  | 46.0  |
| 2     |     | 47.8 | 56.0  | 59.0  |
| 2 1/2 |     | 59.5 | 69.0  | 72.5  |
| 3     |     | 72.3 | 82.0  | 86.0  |
| 4     |     | 97.6 | 108.5 | 114.0 |

## 六角螺母

### Hexagonal Nut

IDF-039

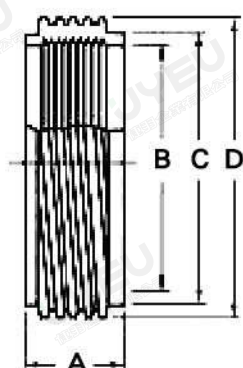


| Size  | A  | B   |
|-------|----|-----|
| 1     | 30 | 46  |
| 1 1/2 |    | 60  |
| 2     |    | 75  |
| 2 1/2 |    | 90  |
| 3     |    | 105 |
| 4     | 35 | 133 |

## 螺牙接頭(擴張式)

### Thread Recessless Ferrule(For Expanding)

IDF-040

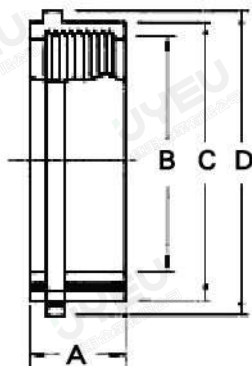


| Size  | A    | B    | C    | D     |
|-------|------|------|------|-------|
| 1     | 17.0 | 25.5 | 29.5 | 37.13 |
| 1 1/2 | 19.5 | 38.2 | 42.6 | 50.65 |
| 2     | 19.5 | 50.9 | 55.7 | 64.16 |
| 2 1/2 | 25.0 | 63.6 | 68.8 | 77.67 |
| 3     | 30.0 | 76.3 | 81.9 | 91.19 |

## 平面接頭(擴張式)

Plain Recessless Ferrule(For Expanding)

IDF-041

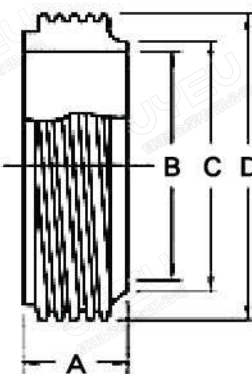


| Size  | A    | B    | C    | D    |
|-------|------|------|------|------|
| 1     | 17   | 25.2 | 29.5 | 33.5 |
| 1 1/2 | 19.5 | 38.2 | 42.6 | 47   |
| 2     | 19.5 | 50.9 | 55.7 | 60.5 |
| 2 1/2 | 25   | 63.6 | 68.8 | 74   |
| 3     | 30   | 86.3 | 81.9 | 87.5 |

## 螺牙接頭(焊接式)

Threaded Tube Ferrule(For Weld)

IDF-042

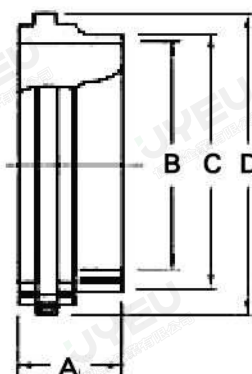


| Size  | A    | B    | C     | D     |
|-------|------|------|-------|-------|
| 1     | 21.5 | 23.0 | 25.4  | 37.13 |
| 1 1/2 |      | 35.7 | 38.1  | 50.7  |
| 2     |      | 47.8 | 50.8  | 64.2  |
| 2 1/2 |      | 59.5 | 63.5  | 77.7  |
| 3     | 30   | 72.3 | 76.3  | 91.2  |
| 4     |      | 97.6 | 101.5 | 125.9 |

## 平面接頭(焊接式)

Plain Tube Ferrule(For Welding)

IDF-043

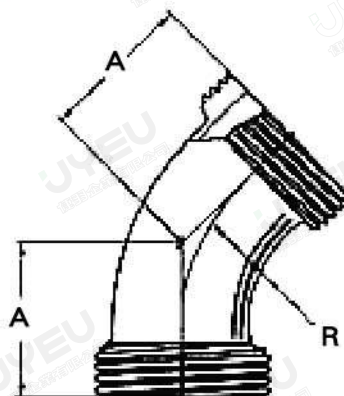


| Size  | A    | B    | C     | D     |
|-------|------|------|-------|-------|
| 1     | 21.5 | 23.0 | 25.4  | 33.8  |
| 1 1/2 |      | 35.7 | 38.1  | 47    |
| 2     |      | 47.8 | 50.8  | 60.5  |
| 2 1/2 |      | 59.5 | 63.5  | 74    |
| 3     | 30   | 72.3 | 76.3  | 87.5  |
| 4     |      | 97.6 | 101.5 | 120.6 |

## 45° 雙頭牙彎頭

45° Elbow, Threads On The Both Ends

IDF-044

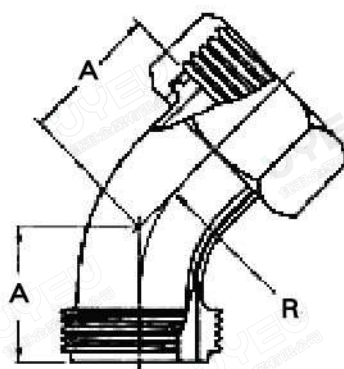


| Size  | A    | B     |
|-------|------|-------|
| 1     | 36   | 35    |
| 1 1/2 | 44   | 50    |
| 2     | 51.5 | 62    |
| 2 1/2 | 62   | 85    |
| 3     | 72.5 | 90    |
| 4     | 82   | 133.4 |

## 45° 單頭牙附螺母彎頭

45° Elbow, Thread On The End With A Nut

IDF-045

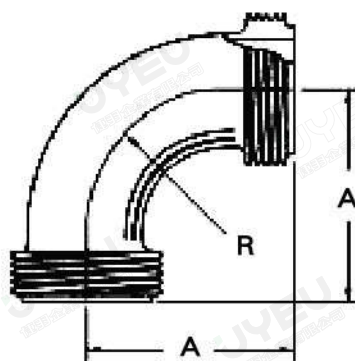


| Size  | A    | B     |
|-------|------|-------|
| 1     | 36   | 35    |
| 1 1/2 | 44   | 50    |
| 2     | 51.5 | 62    |
| 2 1/2 | 62   | 85    |
| 3     | 72.5 | 90    |
| 4     | 82   | 133.4 |

## 90° 雙頭牙彎頭

90° Elbow, Thread On The End With Both Ends

IDF-046



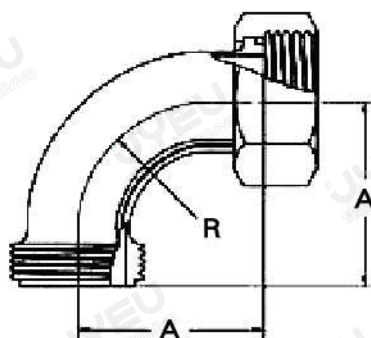
| Size  | A   | B     |
|-------|-----|-------|
| 1     | 55  | 35    |
| 1 1/2 | 70  | 50    |
| 2     | 82  | 62    |
| 2 1/2 | 105 | 85    |
| 3     | 110 | 90    |
| 4     | 160 | 133.4 |



## 90° 單頭牙彎頭

90° Elbow, Thread On The End With A Nut

IDF-047

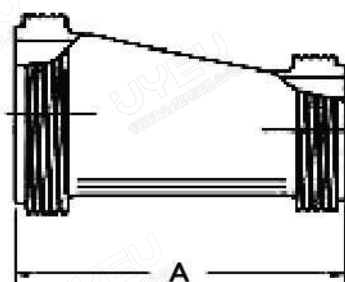


| Size  | A   | B     |
|-------|-----|-------|
| 1     | 55  | 35    |
| 1 1/2 | 70  | 50    |
| 2     | 82  | 62    |
| 2 1/2 | 105 | 85    |
| 3     | 110 | 90    |
| 4     | 160 | 133.4 |

## 同心漸縮管左右附二牙

Concentric Reducer With 2 Threads

IDF-068

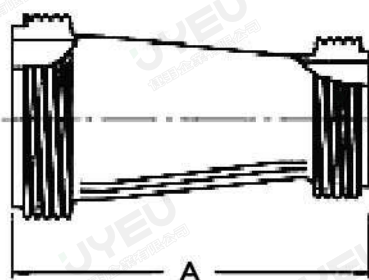


| Size        | A   |
|-------------|-----|
| 1 1/2x1     | 110 |
| 2x1         |     |
| 2x1 1/2     |     |
| 2 1/2x1 1/2 |     |
| 2 1/2x2     |     |
| 3x2         |     |
| 3x2 1/2     | 150 |
| 4x2         |     |
| 4x2 1/2     |     |
| 4x3         |     |

## 偏心漸縮管左右附二牙

Concentric Reducer With 2 Threads

IDF-069

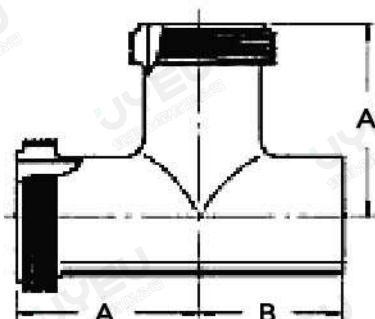


| Size        | A   |
|-------------|-----|
| 1 1/2x1     | 110 |
| 2x1         |     |
| 2x1 1/2     |     |
| 2 1/2x1 1/2 |     |
| 2 1/2x2     |     |
| 3x2         |     |
| 3x2 1/2     | 150 |
| 4x2         |     |
| 4x2 1/2     |     |
| 4x3         |     |

## T形管附2牙右焊接

Sweep Tee With 2 Threads

IDF-070

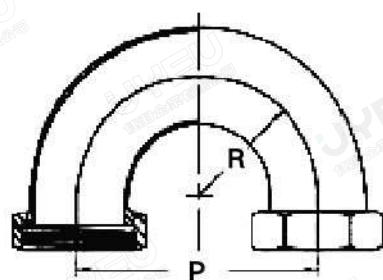


| Size  | A   | B     |
|-------|-----|-------|
| 1     | 55  | 35    |
| 1 1/2 | 70  | 50    |
| 2     | 82  | 62    |
| 2 1/2 | 105 | 85    |
| 3     | 110 | 90    |
| 4     | 160 | 133.4 |

## 180° 附二螺母

180° Elbow With 2 Unts

IDF-131

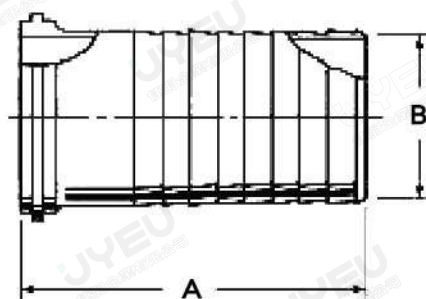


| Size  | A     | B     |
|-------|-------|-------|
| 1 1/2 | 114.3 | 57.2  |
| 2     | 152.4 | 76.2  |
| 2 1/2 | 190.6 | 95.3  |
| 3     | 228.6 | 114.3 |
| 4     | 304.8 | 152.4 |

## 橡皮軟管接頭、附平面接頭

Rubber Hose Pipe Connector With Plain Recessless Ferrule

IDF-075

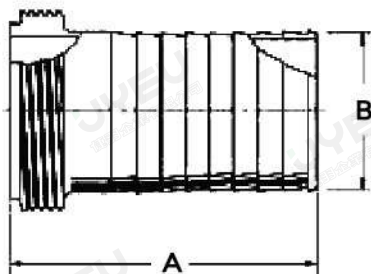


| Size  | A   | B     |
|-------|-----|-------|
| 1     | 100 | 25.4  |
| 1 1/2 |     | 38.1  |
| 2     |     | 50.8  |
| 2 1/2 |     | 63.5  |
| 3     | 150 | 76.2  |
| 4     |     | 101.6 |

## 橡皮軟管接頭、附牙

### Rubber Hose Pipe Connector With Thread

IDF-076

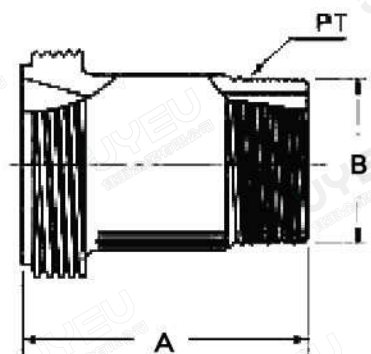


| Size  | A   | B     |
|-------|-----|-------|
| 1     | 100 | 25.4  |
| 1 1/2 |     | 38.1  |
| 2     |     | 50.8  |
| 2 1/2 |     | 63.5  |
| 3     | 150 | 76.2  |
| 4     |     | 101.6 |

## 一般管接頭、附牙

### Genral Type Pipe Connector With Thread

IDF-077

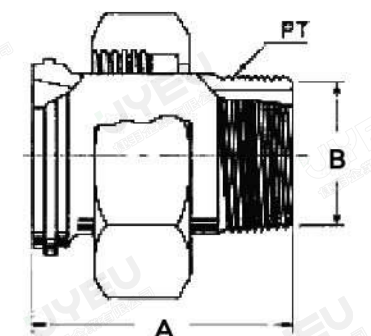


| Size  | A  | B    |
|-------|----|------|
| 1 1/2 | 60 | 34   |
| 2     | 65 | 48.6 |
| 2 1/2 | 70 | 60.5 |
| 3     | 85 | 76.2 |
| 4     | 90 | 89.1 |

## 一般管接頭、附螺母

### Genral Type Pipe Connector With A Nut

IDF-078



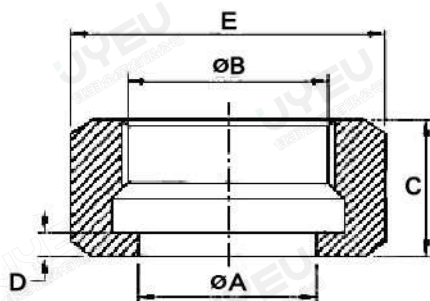
| Size  | A  | B    |
|-------|----|------|
| 1 1/2 | 60 | 34   |
| 2     | 65 | 48.6 |
| 2 1/2 | 70 | 60.5 |
| 3     | 85 | 76.2 |
| 4     | 90 | 89.1 |



## 3A由任零件系列 3A Unions Fitting

### 3A Hexagonal Nut

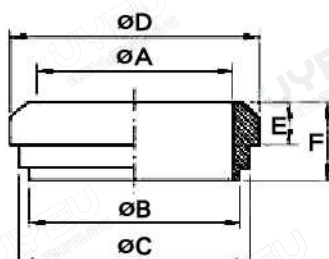
3A-13H



| Size  | A     | B                | C    | D   | E     |
|-------|-------|------------------|------|-----|-------|
| 1     | 30.3  | 38.02 ACMI 8TPI  | 23   | 4   | 46    |
| 1 1/2 | 43.4  | 51.54 ACMI 8TPI  | 24.6 | 5.5 | 61.1  |
| 2     | 56.5  | 65.05 ACMI 8TPI  | 27   | 5.5 | 76.2  |
| 2 1/2 | 82.7  | 78.56 ACMI 8TPI  | 29.6 | 5.5 | 91.3  |
| 3     | 82.7  | 92.08 ACMI 8TPI  | 32.5 | 6.4 | 106.4 |
| 4     | 108.9 | 120.14 ACMI 8TPI | 38.1 | 6.4 | 137.6 |

### 3A Short Bevel Seat Weld Liner

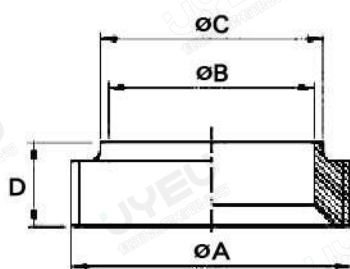
3A-14PRF



| Size  | A     | B    | C    | D   | E     | F     |
|-------|-------|------|------|-----|-------|-------|
| 1     | 30.3  | 23   | 23   | 4   | 46    | 46    |
| 1 1/2 | 43.4  | 24.6 | 24.6 | 5.5 | 61.1  | 61.1  |
| 2     | 56.5  | 27   | 27   | 5.5 | 76.2  | 76.2  |
| 2 1/2 | 82.7  | 29.6 | 29.6 | 5.5 | 91.3  | 91.3  |
| 3     | 82.7  | 32.5 | 32.5 | 6.4 | 106.4 | 106.4 |
| 4     | 108.9 | 38.1 | 38.1 | 6.4 | 137.6 | 137.6 |

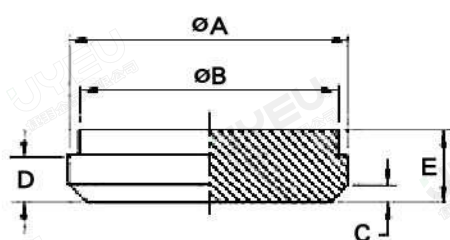
### 3A Short Bevel Seat Weld Male

3A-15TRF



| Size  | A                | B    | C      | A    |
|-------|------------------|------|--------|------|
| 1     | 37.13 ACMI 8TPI  | 22.2 | 25.65  | 18.3 |
| 1 1/2 | 50.65 ACMI 8TPI  | 37.9 | 38.35  | 18.3 |
| 2     | 64.17 ACMI 8TPI  | 47.6 | 51.05  | 19.1 |
| 2 1/2 | 77.67 ACMI 8TPI  | 60.3 | 63.75  | 22.2 |
| 3     | 91.19 ACMI 8TPI  | 73   | 76.45  | 23.1 |
| 4     | 119.25 ACMI 8TPI | 97.6 | 101.85 | 26.2 |

3A-16A



| Size  | A     | B     | C   | D    | E    |
|-------|-------|-------|-----|------|------|
| 1     | 33.3  | 29.5  | 3.2 | 7.9  | 11.9 |
| 1 1/2 | 46.8  | 42.6  | 4   | 8.7  | 14.3 |
| 2     | 60.3  | 55.7  | 4   | 10.3 | 15.9 |
| 2 1/2 | 73.8  | 68.8  | 4.8 | 11.1 | 16.7 |
| 3     | 87.3  | 81.9  | 4.8 | 11.9 | 18.3 |
| 4     | 114.3 | 108.1 | 5.6 | 14.3 | 20.6 |

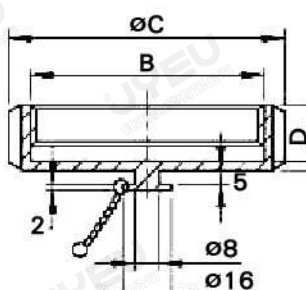
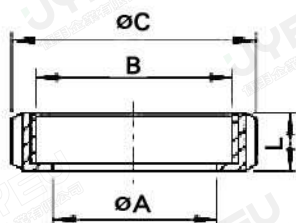
DIN由任零件系列 DIN Union(DIN11851)

螺母

DIN Round Nut

IDF-13R

DF-13RBN

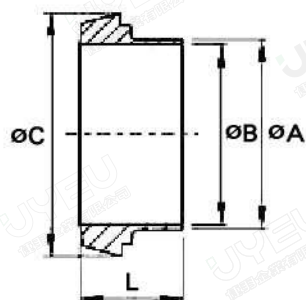


| Size  | ØA  | B         | ØC  | D  | L  | Slots |
|-------|-----|-----------|-----|----|----|-------|
| DN10  | 19  | RD28x1/8  | 38  | 15 | 18 | 4     |
| DN15  | 25  | RD34x1/8  | 44  | 15 | 18 |       |
| DN20  | 31  | RD44x1/6  | 54  | 17 | 20 |       |
| DN25  | 36  | RD52x1/6  | 63  | 18 | 21 |       |
| DN32  | 42  | RD58x1/6  | 70  | 18 | 21 | 6     |
| DN40  | 49  | RD65x1/6  | 78  | 18 | 21 |       |
| DN50  | 62  | RD78x1/6  | 92  | 19 | 22 |       |
| DN65  | 80  | RD95x1/6  | 112 | 21 | 25 |       |
| DN80  | 94  | RD110x1/4 | 127 | 25 | 29 |       |
| DN90  | 104 | RD120x1/4 | 138 | 26 | 30 |       |
| DN100 | 114 | RD130x1/4 | 148 | 26 | 31 |       |
| DN125 | 137 | RD160x1/4 | 178 | 30 | 35 |       |
| DN150 | 163 | RD190x1/4 | 210 | 40 | 40 |       |

無牙接頭

DIN Welding Liner

DIN-14

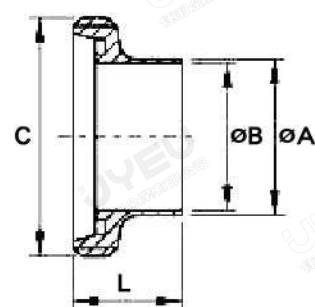


| Size  | ØA  | ØB  | C   | L  |
|-------|-----|-----|-----|----|
| DN10  | 13  | 10  | 22  | 17 |
| DN15  | 19  | 16  | 28  | 17 |
| DN20  | 23  | 20  | 36  | 18 |
| DN25  | 29  | 26  | 44  | 22 |
| DN32  | 35  | 32  | 50  | 25 |
| DN40  | 41  | 38  | 56  | 26 |
| DN50  | 53  | 50  | 68  | 28 |
| DN65  | 70  | 66  | 86  | 32 |
| DN80  | 85  | 81  | 100 | 37 |
| DN100 | 104 | 100 | 121 | 44 |
| DN125 | 129 | 125 | 150 | 34 |
| DN150 | 154 | 150 | 176 | 37 |

有牙接頭

DIN Welding Male

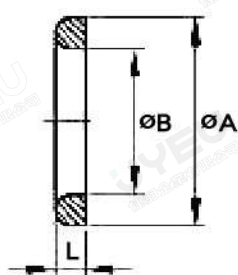
DIN-15



| Size  | ØA  | ØB  | C          | L  |
|-------|-----|-----|------------|----|
| DN10  | 13  | 10  | RD 28x1/8  | 21 |
| DN15  | 19  | 16  | RD 34x1/8  | 21 |
| DN20  | 23  | 20  | RD 44x1/6  | 24 |
| DN25  | 29  | 26  | RD 52x1/6  | 29 |
| DN32  | 35  | 32  | RD 58x1/6  | 32 |
| DN40  | 41  | 38  | RD 65x1/6  | 33 |
| DN50  | 53  | 50  | RD 78x1/6  | 35 |
| DN65  | 70  | 66  | RD 95x1/6  | 40 |
| DN80  | 85  | 81  | RD 110x1/4 | 45 |
| DN90  | 93  | 89  | RD 120x1/4 | 54 |
| DN100 | 104 | 100 | RD 130x1/4 | 54 |
| DN125 | 129 | 125 | RD 160x1/4 | 46 |
| DN150 | 154 | 150 | RD 190x1/4 | 50 |

墊片

DIN Gasket



| Size  | ØA  | ØB  | L   |
|-------|-----|-----|-----|
| DN10  | 20  | 12  | 4.5 |
| DN15  | 26  | 18  |     |
| DN20  | 33  | 23  |     |
| DN25  | 40  | 30  | 5   |
| DN32  | 46  | 36  |     |
| DN40  | 52  | 42  |     |
| DN50  | 64  | 54  |     |
| DN65  | 81  | 71  |     |
| DN80  | 95  | 85  | 6   |
| DN100 | 114 | 104 |     |
| DN125 | 142 | 130 | 7   |
| DN150 | 167 | 155 |     |

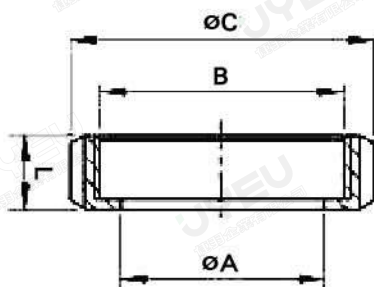


## DIN由任零件系列 DIN Union(DIN11851-1 From A/Imperial)

### 螺母

#### DIN Round Nut

##### DIN-13R

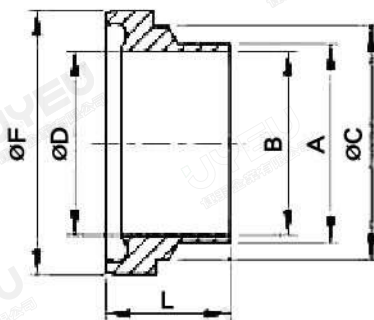


| Size  | ØA  | B         | ØC  | L  | Slots |
|-------|-----|-----------|-----|----|-------|
| DN10  | 19  | RD28x1/8  | 38  | 18 | 4     |
| DN15  | 25  | RD34X1/8  | 44  | 18 |       |
| DN20  | 31  | RD44X1/6  | 54  | 20 |       |
| DN25  | 36  | RD52X1/6  | 63  | 21 |       |
| DN32  | 42  | RD58X1/6  | 70  | 21 |       |
| DN40  | 49  | RD65X1/6  | 78  | 21 |       |
| DN50  | 62  | RD78X1/6  | 92  | 22 | 6     |
| DN65  | 80  | RD95X1/6  | 112 | 25 |       |
| DN80  | 94  | RD110X1/4 | 127 | 29 |       |
| DN90  | 104 | RD120X1/4 | 138 | 30 |       |
| DN100 | 114 | RD130X1/4 | 148 | 31 |       |
| DN125 | 137 | RD160X1/4 | 178 | 35 |       |
| DN150 | 163 | RD190X1/4 | 210 | 40 |       |

### 無牙接頭

#### DIN Welding Liner

##### IDF-14



#### 【ISO-14 Liner】

| Size | A    | B    | ØC  | ØD   | ØF    | L  |
|------|------|------|-----|------|-------|----|
| DN8  | 13.5 | 10.3 | 18  | 10.4 | 21.9  | 17 |
| DN10 | 17.2 | 14   | 24  | 14.1 | 27.9  | 17 |
| DN15 | 21.3 | 18.1 | 30  | 18.2 | 35.9  | 19 |
| DN20 | 26.9 | 23.7 | 35  | 23.8 | 42.9  | 22 |
| DN25 | 33.7 | 29.7 | 41  | 29.8 | 48.9  | 25 |
| DN32 | 42.4 | 38.4 | 48  | 38.5 | 54.9  | 26 |
| DN40 | 48.3 | 44.3 | 61  | 44.4 | 66.9  | 30 |
| DN50 | 60.3 | 56.3 | 79  | 56.4 | 84.9  | 34 |
| DN65 | 76.1 | 72.1 | 93  | 72.2 | 98.9  | 38 |
| DN80 | 88.9 | 84.3 | 114 | 84.4 | 118.9 | 46 |

#### 【Imperial-14 Liner】

| Size | A   | B     | ØC  | ØD    | ØF    | L  |
|------|-----|-------|-----|-------|-------|----|
| 1/2  | 1/2 | 9.4   | 18  | 9.45  | 21.9  | 17 |
| 3/4  | 3/4 | 15.75 | 24  | 15.8  | 27.9  | 17 |
| 1.0  | 1.0 | 22.1  | 35  | 22.15 | 42.9  | 22 |
| 1.5  | 1.5 | 34.8  | 48  | 34.85 | 54.9  | 26 |
| 2.0  | 2.0 | 47.5  | 61  | 47.55 | 66.9  | 30 |
| 2.5  | 2.5 | 60.2  | 79  | 60.25 | 84.9  | 34 |
| 3.0  | 3.0 | 72.9  | 93  | 72.95 | 98.9  | 38 |
| 4.0  | 4.0 | 97.38 | 114 | 97.43 | 118.9 | 46 |

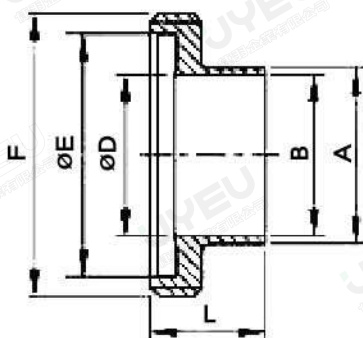


## DIN由任零件系列 DIN Union(DIN11851-1 From A/Imperial)

### 有牙接頭

#### DIN Welding Male

##### DIN-15



##### 【ISO-15 Male】

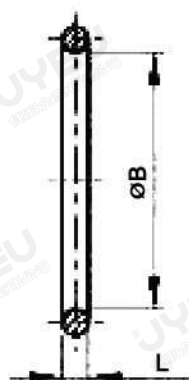
| Size | A    | B    | ØD   | ØE  | F          | L  |
|------|------|------|------|-----|------------|----|
| DN8  | 13.5 | 10.3 | 10.4 | 22  | RD 28x1/8  | 19 |
| DN10 | 17.2 | 14   | 14.1 | 28  | RD 34x1/8  | 19 |
| DN15 | 21.3 | 18.1 | 18.2 | 36  | RD 44x1/6  | 21 |
| DN20 | 26.9 | 23.7 | 23.8 | 43  | RD 52x1/6  | 26 |
| DN25 | 33.7 | 29.7 | 29.8 | 49  | RD 58x1/6  | 30 |
| DN32 | 42.4 | 38.4 | 38.5 | 55  | RD 65x1/6  | 31 |
| DN40 | 48.3 | 44.3 | 44.4 | 67  | RD 78x1/6  | 31 |
| DN50 | 60.3 | 56.3 | 56.4 | 85  | RD 95x1/6  | 36 |
| DN65 | 76.1 | 72.1 | 72.2 | 99  | RD 110x1/4 | 42 |
| DN80 | 88.9 | 84.3 | 84.4 | 119 | RD 130x1/4 | 50 |

##### 【Imperial-15 Male】

| Size | A     | B     | ØC  | ØD    | ØF    | L  |
|------|-------|-------|-----|-------|-------|----|
| 1/2  | 12.7  | 9.4   | 18  | 9.45  | 21.9  | 17 |
| 3/4  | 19.05 | 15.75 | 24  | 15.8  | 27.9  | 17 |
| 1.0  | 25.4  | 22.1  | 35  | 22.15 | 42.9  | 22 |
| 1.5  | 38.1  | 34.8  | 48  | 34.85 | 54.9  | 26 |
| 2.0  | 50.8  | 47.5  | 61  | 47.55 | 66.9  | 30 |
| 2.5  | 63.5  | 60.2  | 79  | 60.25 | 84.9  | 34 |
| 3.0  | 76.2  | 72.9  | 93  | 72.95 | 98.9  | 38 |
| 4.0  | 101.6 | 97.38 | 114 | 97.43 | 118.9 | 46 |

### 墊片

#### DIN Gasket



##### 【ISO Seal】

| Size | ØA   | L   |
|------|------|-----|
| DN8  | 12   | 3.5 |
| DN10 | 16   |     |
| DN15 | 20   |     |
| DN20 | 26   |     |
| DN25 | 32   | 5   |
| DN32 | 40.5 |     |
| DN40 | 46.5 |     |
| DN50 | 58.5 |     |
| DN65 | 73.5 |     |
| DN80 | 86.5 |     |

##### 【Imperial Seal】

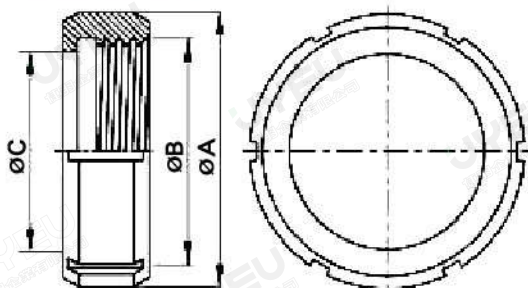
| Size | ØA  | L   |
|------|-----|-----|
| 1/2  | 12  | 3.5 |
| 3/4  | 18  |     |
| 1.0  | 24  |     |
| 1.5  | 37  | 5   |
| 2.0  | 50  |     |
| 2.5  | 62  |     |
| 3.0  | 75  |     |
| 4.0  | 100 |     |

## SMS由任零件系列 SMS Union

### SMS螺母

SMS Round Nut

IDF-13R

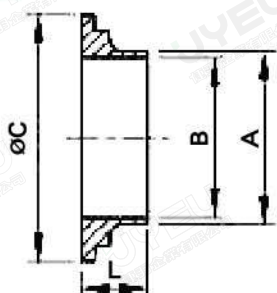


| Size        | ØA  | ØB         | ØC   | L  |
|-------------|-----|------------|------|----|
| DN25        | 51  | RD 40x1/6  | 32.3 | 19 |
| DN32        | 60  | RD 48x1/6  | 40.3 | 22 |
| DN38        | 74  | RD 60x1/6  | 48.5 | 23 |
| DN51        | 84  | RD 70x1/6  | 61   | 24 |
| DN63.5      | 100 | RD 85x1/6  | 74   | 28 |
| DN76        | 114 | RD 98x1/6  | 87   | 30 |
| DN101.6/104 | 138 | RD 125x1/4 | 113  | 31 |
| DN104-B     | 150 | RD 132x1/6 | 113  | 31 |

### 無牙接頭

SMS Welding Liner

IDF-14

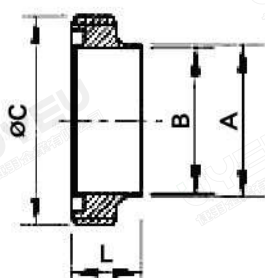


| Size    | A     | B    | ØC   | L  |
|---------|-------|------|------|----|
| DN25    | 25    | 22.5 | 35.5 | 15 |
| DN38    | 38    | 35.5 | 55   | 20 |
| DN51    | 51    | 48.5 | 65   | 20 |
| DN63.5  | 63.5  | 60.5 | 80   | 24 |
| DN76    | 76.1  | 72.9 | 93   | 24 |
| DN101.6 | 101.6 | 97.6 | 118  | 30 |
| DN104   | 104   | 100  | 118  | 30 |
| DN104-B | 102.5 | 98.5 | 127  | 19 |

### 有牙接頭

SMS Welding Male

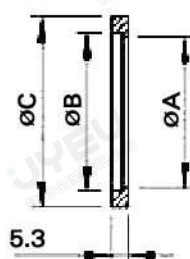
IDF-15



| Size        | A     | B    | ØC         | L  |
|-------------|-------|------|------------|----|
| DN25        | 25    | 22.5 | RD 40x1/6  | 19 |
| DN32        | 38    | 35.5 | RD 48x1/6  | 23 |
| DN38        | 51    | 48.5 | RD 60x1/6  | 23 |
| DN51        | 63.5  | 60.5 | RD 70x1/6  | 27 |
| DN63.5      | 76.1  | 72.9 | RD 85x1/6  | 27 |
| DN76        | 101.6 | 97.6 | RD 98x1/6  | 30 |
| DN101.6/104 | 104   | 100  | RD 125x1/4 | 30 |
| DN104-B     | 102.5 | 98.5 | RD 132x1/6 | 35 |

### SMS墊片

SMS Gasket

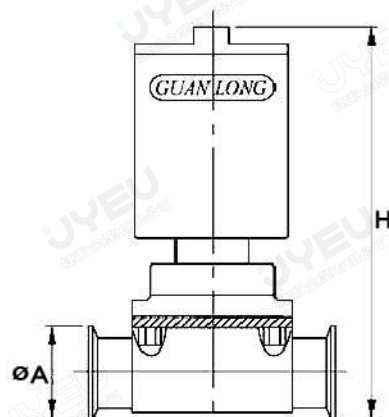
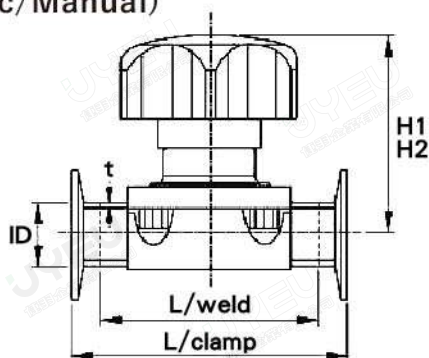
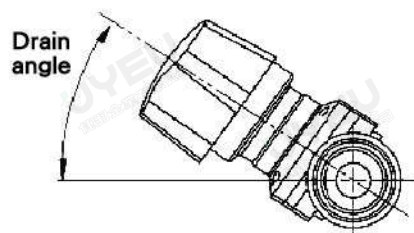


| Size   | ØA    | ØB   | ØC    |
|--------|-------|------|-------|
| DN25   | 23    | 25.1 | 38.1  |
| DN38   | 35.8  | 38.1 | 47.6  |
| DN51   | 48.8  | 51.1 | 60.8  |
| DN63.5 | 61    | 63.6 | 73.3  |
| DN76   | 73.4  | 76.1 | 85.8  |
| DN104  | 100.5 | 104  | 115.7 |



## 氣動/手動隔膜閥

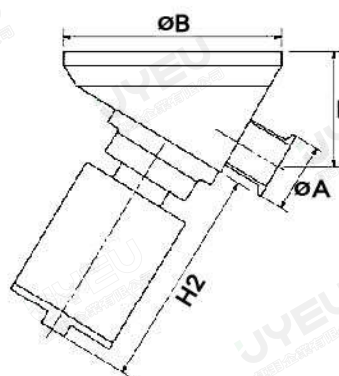
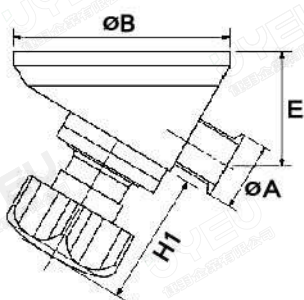
Diphragm Valve(Pneumatic/Manual)



| Size  | Self Drain Angle | ØA   | ID   | t    | L/Weld | L/Clamp | H1  | H2  | H   |
|-------|------------------|------|------|------|--------|---------|-----|-----|-----|
| 1/2   | 25°              | 25.2 | 9.5  | 1.65 | 65     | 90.4    | 74  | 83  | 157 |
| 3/4   | 16°              | 25.2 | 15.8 |      | 65     | 90.4    | 74  | 83  | 157 |
| 1     | 26°              | 50.4 | 22.1 |      | 89     | 114.3   | 122 | 135 | 210 |
| 1 1/2 | 25°              | 50.4 | 34.8 |      | 114.3  | 139.7   | 135 | 148 | 215 |
| 2     | 25°              | 63.9 | 47.5 |      | 133.4  | 158.8   | 185 | 185 | 250 |

## 氣動/手動 桶底隔膜閥

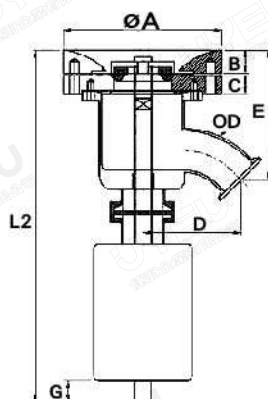
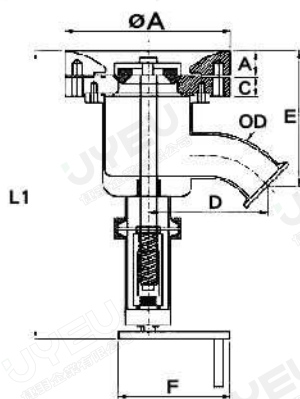
Diphragm Valve(Pneumatic/Manual)



| Size  | ØA   | ØB  | E  | H1  | H2  |
|-------|------|-----|----|-----|-----|
| 1     | 50.4 | 120 | 58 | 90  | 150 |
| 1 1/2 | 50.4 | 160 | 65 | 100 | 156 |
| 2     | 63.9 | 160 | 65 | 110 | 185 |

## 氣動/手動 桶底閥

Tank Bottom Diphragm Valve(Pneumatic/Manual)



## • Technical data •

Max product pressure : 1000kpa(10bar)

Min product pressure : Full Vacuum

Temperature range : -10°C to+140°C(EPDM)

-20°C to+150°C (Teflon)

## • Materials •

Product wetted steel parts : AISI 316L

Other steel parts : AISI 304

Plig Stem : AISI 316L with chromium plated surface

Product wetted seals : EPDM/Teflon

Other seals : Viton

Finish : Semi bright

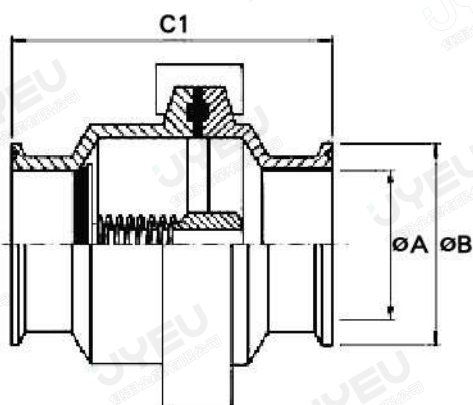
| Size  | OD   | A   | C  | D   | E  | G  | L1  | L2  |
|-------|------|-----|----|-----|----|----|-----|-----|
| 1 1/2 | 38.1 | 140 | 16 | 88  | 90 | 20 | 240 | 310 |
| 2     | 50.8 | 155 | 18 | 103 | 96 | 20 | 270 | 315 |



## 逆止閥

### Check Valve

IDF-122

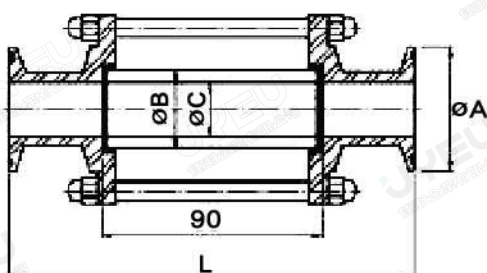


| Size | ØA   | ØB    | C1    |
|------|------|-------|-------|
| 1/2  | 9.5  | 25.2  | 85    |
| 3/4  | 15.9 | 25.2  | 85    |
| 1.0  | 22.2 | 50.4  | 101   |
| 1.5  | 34.8 | 50.4  | 101   |
| 2.0  | 47.5 | 63.9  | 101   |
| 2.5  | 60.3 | 77.4  | 115.5 |
| 3.0  | 72.9 | 90.9  | 115.5 |
| 4.0  | 97.6 | 118.9 | 159   |

## 玻璃視窗

### Sight Glass

IDF-123

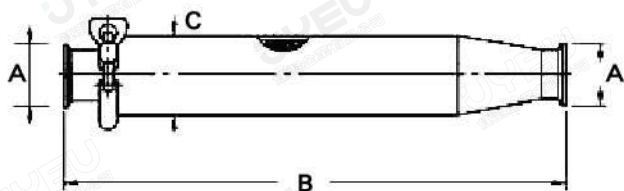


| Size  | ØA    | ØB  | C1   | L     |
|-------|-------|-----|------|-------|
| 1     | 50.4  | 31  | 23   | 136.5 |
| 1 1/2 | 50.4  | 44  | 35.7 |       |
| 2     | 63.9  | 56  | 47.8 |       |
| 2 1/2 | 77.4  | 68  | 59.5 |       |
| 3     | 90.9  | 81  | 72.2 | 176.5 |
| 4     | 118.9 | 106 | 97.6 |       |

## 管式過濾器

### Tubular Type Filter

IDF-124



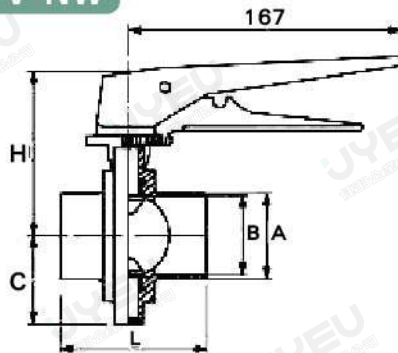
| Size  | A     | B   | C     |
|-------|-------|-----|-------|
| 1 1/2 | 50.4  | 400 | 63.5  |
| 2     | 63.9  | 450 | 76.2  |
| 2 1/2 | 77.4  | 600 | 101.6 |
| 3     | 90.9  | 600 | 114.3 |
| 4     | 118.9 | 700 | 139.8 |

## 蝶閥

### Butterfly Valve

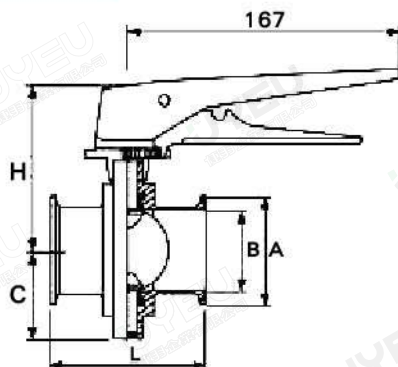
#### • 下拉式

##### BFV-NW



| Size  | A     | B    | C    | L  | H    |
|-------|-------|------|------|----|------|
| 1     | 25.4  | 22.1 | 39.5 | 52 | 83   |
| 1 1/2 | 38.1  | 34.8 | 39.5 | 52 | 86   |
| 2     | 50.8  | 47.5 | 49.5 | 54 | 96   |
| 2 1/2 | 63.5  | 60.2 | 58.5 | 56 | 99.5 |
| 3     | 76.2  | 72.9 | 66   | 60 | 106  |
| 4     | 101.6 | 97.6 | 84.6 | 72 | 122  |

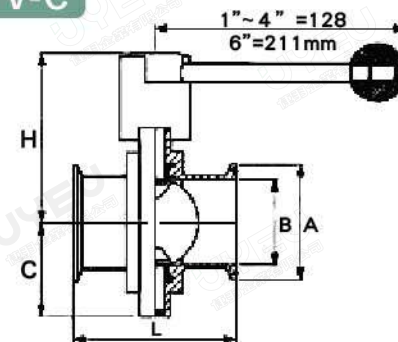
##### BFV-NC



| Size  | A     | B    | C    | L   | H    |
|-------|-------|------|------|-----|------|
| 1     | 50.4  | 22.1 | 39.5 | 90  | 83   |
| 1 1/2 | 50.4  | 34.8 | 39.5 | 90  | 86   |
| 2     | 63.9  | 47.5 | 49.5 | 95  | 96   |
| 2 1/2 | 77.4  | 60.2 | 58.5 | 97  | 99.5 |
| 3     | 90.9  | 72.9 | 66   | 103 | 106  |
| 4     | 118.9 | 97.6 | 84.6 | 103 | 122  |

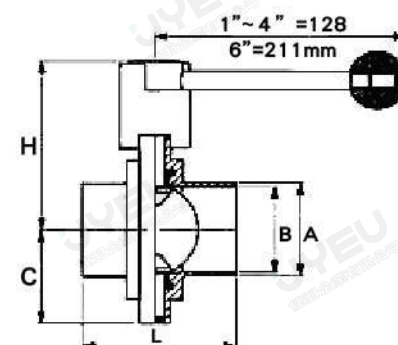
#### • 側拉式

##### BFV-C



| Size  | A     | B     | C     | L   | H   |
|-------|-------|-------|-------|-----|-----|
| 1     | 50.4  | 22.1  | 39.5  | 90  | 84  |
| 1 1/2 | 50.4  | 34.8  | 39.5  | 90  | 87  |
| 2     | 63.9  | 47.5  | 49.5  | 95  | 97  |
| 2 1/2 | 77.4  | 60.2  | 58.5  | 97  | 100 |
| 3     | 90.9  | 72.9  | 66    | 103 | 107 |
| 4     | 118.9 | 97.6  | 84.6  | 103 | 120 |
| 6     | 166.8 | 146.4 | 106.5 | 143 | 161 |

##### BFV-W

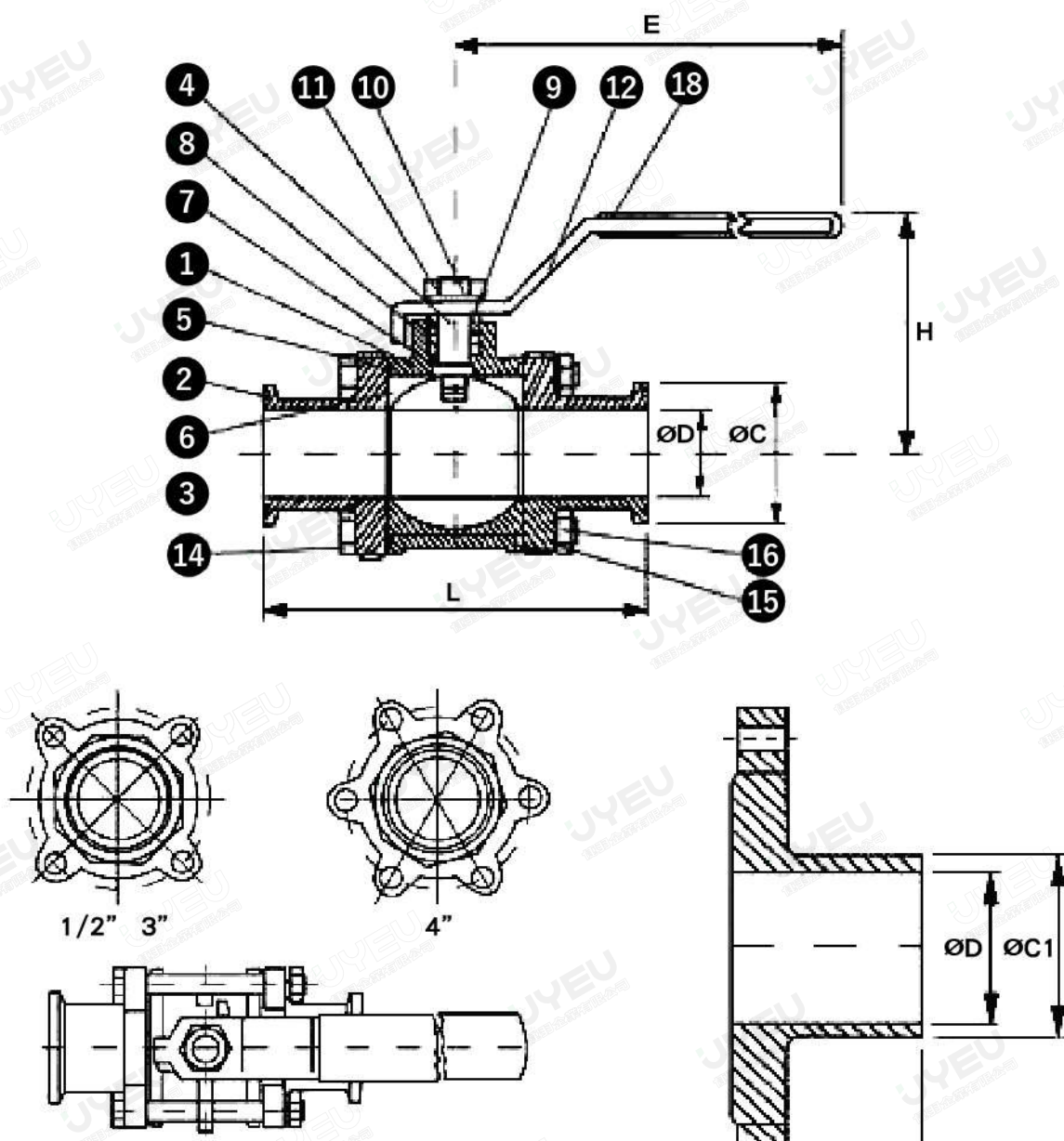


| Size  | A     | B     | C     | L   | H   |
|-------|-------|-------|-------|-----|-----|
| 1     | 25.4  | 22.1  | 39.5  | 52  | 84  |
| 1 1/2 | 38.1  | 34.8  | 39.5  | 52  | 87  |
| 2     | 50.8  | 47.5  | 49.5  | 54  | 97  |
| 2 1/2 | 63.5  | 60.2  | 58.5  | 56  | 100 |
| 3     | 76.2  | 72.9  | 66    | 60  | 107 |
| 4     | 101.6 | 97.6  | 84.6  | 72  | 120 |
| 6     | 152.4 | 146.4 | 106.5 | 100 | 161 |



## 3P Clamp/Welding Ball Valve

Sanitary Ball Valve Full Bore 1000WOG 1/2"~4"

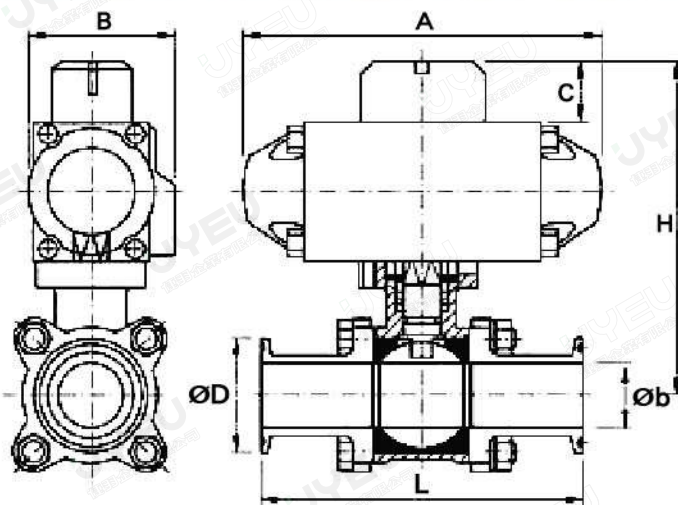


Size Of Clamp & Butt Weld End

| Size  | ØC    | ØC1   | ØD   | E   | H     | L   |
|-------|-------|-------|------|-----|-------|-----|
| 1/2   | 25.2  | 12.7  | 9.5  | 105 | 59.1  | 89  |
| 3/4   | 25.2  | 19.1  | 15.9 | 105 | 62.6  | 101 |
| 1     | 50.4  | 25.4  | 22.2 | 128 | 70.7  | 114 |
| 1 1/2 | 50.4  | 38.1  | 35   | 154 | 89.1  | 140 |
| 2     | 63.9  | 50.8  | 47.6 | 194 | 98.15 | 156 |
| 2 1/2 | 77.4  | 63.5  | 60.2 | 194 | 110.6 | 197 |
| 3     | 90.9  | 76.2  | 73   | 276 | 124   | 229 |
| 4     | 118.9 | 101.6 | 97.4 | 335 | 168.5 | 243 |

## 氣動式三片式球閥(單動/雙動)

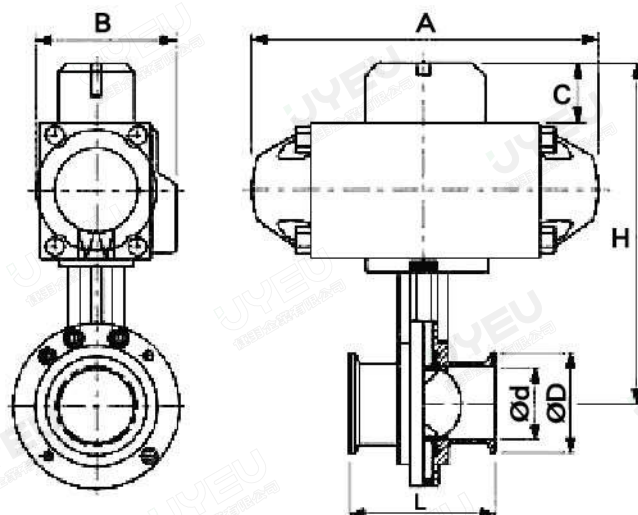
Mount Actuator For 2-Way Ball Valve(Single Action/Double Action)



| Size  | ØD    | Ød   | A     | B     | C  | H   | L   | Pneumatic Actuator |
|-------|-------|------|-------|-------|----|-----|-----|--------------------|
| 1/2   | 25.2  | 9.5  | 115   | 45    | 20 | 133 | 89  | T40DA              |
| 3/4   | 25.2  | 15.9 | 140.5 | 70.5  |    | 137 | 101 | T50DA              |
| 1     | 50.4  | 22.2 | 140.5 | 70.5  |    | 165 | 114 | T50DA              |
| 1 1/2 | 50.4  | 35   | 158.5 | 83    |    | 209 | 140 | T63DA              |
| 2     | 63.9  | 47.6 | 210.5 | 94.5  |    | 217 | 156 | T75DA              |
| 2 1/2 | 77.4  | 60.2 | 247.5 | 106   |    | 285 | 197 | T88DA              |
| 3     | 90.9  | 73   | 268.5 | 123   |    | 306 | 229 | T100DA             |
| 4     | 118.9 | 97.4 | 315   | 151.5 |    | 354 | 243 | T125DA             |

## 氣動式蝶閥

Pneumatic Butterfly Valve(Single Action/Double Action)



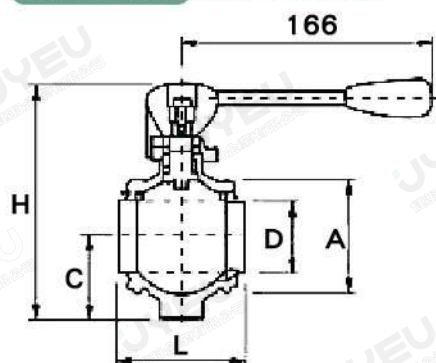
| Size  | ØD    | Ød    | A     | B    | C  | H     | L   | Pneumatic Actuator |
|-------|-------|-------|-------|------|----|-------|-----|--------------------|
| 1     | 50.4  | 22.2  | 140.5 | 70.5 | 20 | 160.5 | 90  | T50DA              |
| 1 1/2 | 50.4  | 34.8  | 140.5 | 70.5 |    | 167.5 | 90  | T50DA              |
| 2     | 63.9  | 47.5  | 140.5 | 70.5 |    | 175.5 | 95  | T50DA              |
| 2 1/2 | 77.4  | 60.2  | 158.5 | 83   |    | 185   | 97  | T63DA              |
| 3     | 90.9  | 72.9  | 158.5 | 83   |    | 192   | 103 | T63DA              |
| 4     | 118.9 | 97.6  | 210.5 | 94.5 |    | 225.4 | 103 | T75DA              |
| 6     | 166.8 | 146.4 | 268.5 | 106  |    | 280   | 143 | T88DA              |



# 球閥

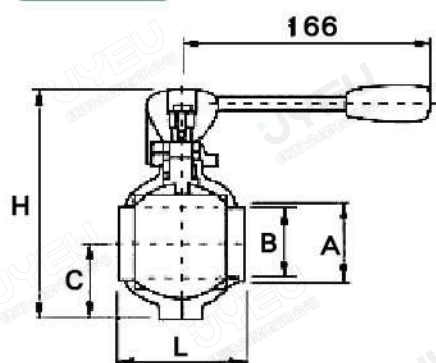
## Ball Valve

### BOV-UR RJT Union式



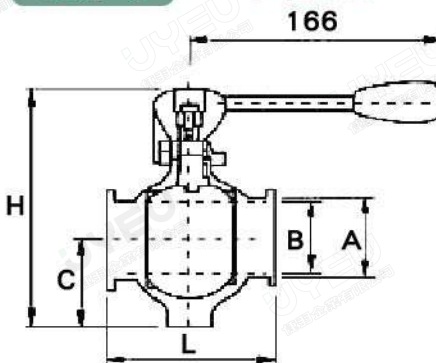
| Size  | L   | A     | D    | H   | C    |
|-------|-----|-------|------|-----|------|
| 1     | 70  | 45.7  | 22.2 | 124 | 38   |
| 1 1/2 | 76  | 58.4  | 34.9 | 142 | 47   |
| 2     | 85  | 72.5  | 47.6 | 160 | 56   |
| 2 1/2 | 99  | 85.3  | 60.3 | 179 | 65.5 |
| 3     | 118 | 98    | 73   | 199 | 75.5 |
| 4     | 152 | 123.2 | 97.6 | 231 | 91.5 |

### BOV-W Weld 焊接式



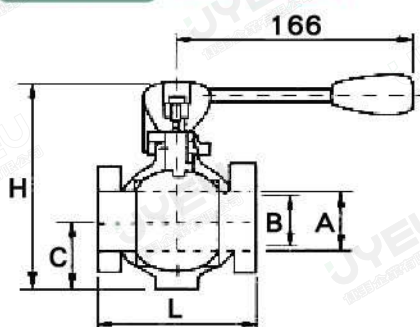
| Size  | A     | B    | C    | H   | L     |
|-------|-------|------|------|-----|-------|
| 1     | 25.4  | 22.2 | 38   | 124 | 69.6  |
| 1 1/2 | 38.1  | 34.9 | 47   | 142 | 75.5  |
| 2     | 50.8  | 47.6 | 56   | 160 | 84.6  |
| 2 1/2 | 63.5  | 60.3 | 65.5 | 179 | 98.6  |
| 3     | 76.2  | 73   | 75.5 | 199 | 117.6 |
| 4     | 101.6 | 97.6 | 91.5 | 231 | 151.6 |

### BOV-C Clamp 管束式



| Size  | A     | B    | C    | H   | L   |
|-------|-------|------|------|-----|-----|
| 1     | 25.4  | 22.2 | 38   | 124 | 95  |
| 1 1/2 | 38.1  | 34.9 | 47   | 142 | 101 |
| 2     | 50.8  | 47.6 | 56   | 160 | 110 |
| 2 1/2 | 63.5  | 60.3 | 65.5 | 179 | 124 |
| 3     | 76.2  | 73   | 75.5 | 199 | 143 |
| 4     | 101.6 | 97.6 | 91.5 | 231 | 177 |

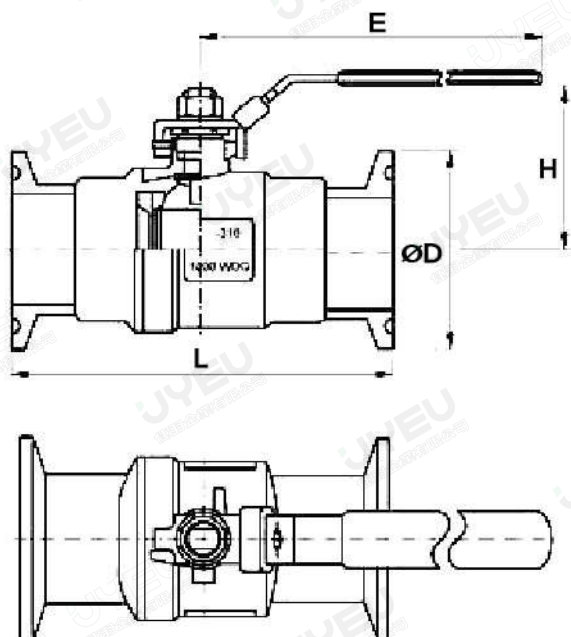
### BOV-U Union 由任式



| Size  | L     | A    | D    | H   | C   |
|-------|-------|------|------|-----|-----|
| 1     | 25.4  | 22.2 | 22.2 | 124 | 95  |
| 1 1/2 | 38.1  | 34.9 | 34.9 | 142 | 101 |
| 2     | 50.8  | 47.6 | 47.6 | 160 | 110 |
| 2 1/2 | 63.5  | 60.3 | 60.3 | 179 | 124 |
| 3     | 76.2  | 73   | 73   | 199 | 143 |
| 4     | 101.6 | 97.6 | 97.6 | 231 | 177 |

## 2PC Clamp Ball Valve

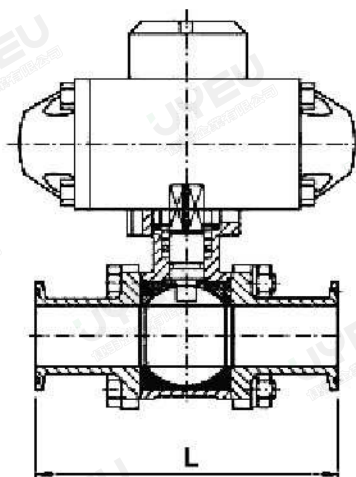
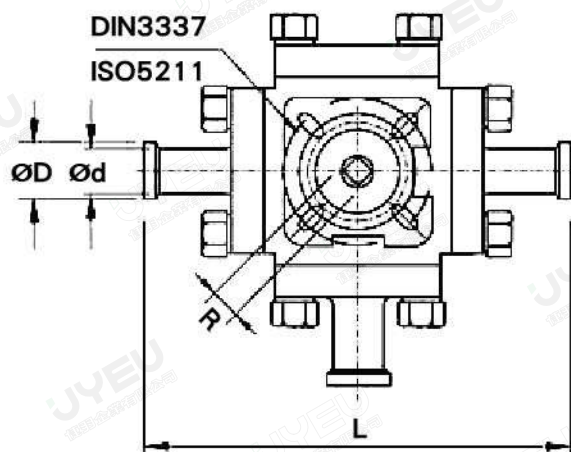
Sanitary Ball Valve Full Bore 1000WOG 1 1/2"~4"



| Size  | ØD    | L   | H     | E   |
|-------|-------|-----|-------|-----|
| 1 1/2 | 50.4  | 107 | 70.7  | 128 |
| 2     | 63.9  | 137 | 89.1  | 154 |
| 2 1/2 | 77.4  | 151 | 98.2  | 154 |
| 3     | 90.9  | 180 | 110.6 | 194 |
| 4     | 118.9 | 201 | 120   | 276 |

## 手動/氣動/三通球閥

3-Way Ball Valve

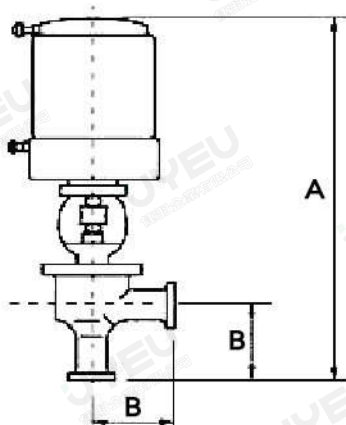


| Size  | ISO-5211 | L     | Ød   | ØD    | R  |
|-------|----------|-------|------|-------|----|
| 1/2   | F03      | 118   | 9.5  | 25.4  | 9  |
| 3/4   | F03      | 127   | 15.8 | 25.4  | 9  |
| 1     | F04      | 152.4 | 22.2 | 50.4  | 1  |
| 1 1/2 | F05      | 175   | 35   | 50.4  | 14 |
| 2     | F05      | 190   | 47.6 | 63.9  | 14 |
| 2 1/2 | F07      | 228   | 60.3 | 77.5  | 17 |
| 3     | F10      | 260   | 73   | 90.9  | 22 |
| 4     | F10      | 318   | 97.4 | 118.9 | 22 |



## L型氣動閥

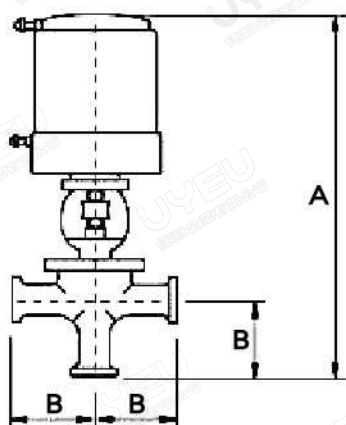
AV-L



| Size  | A   | B    |
|-------|-----|------|
| 1     | 347 | 64.9 |
| 1 1/2 | 352 | 70.3 |
| 2     | 378 | 89.3 |
| 2 1/2 | 384 | 89.3 |
| 3     | 397 | 95.7 |

## T型氣動閥

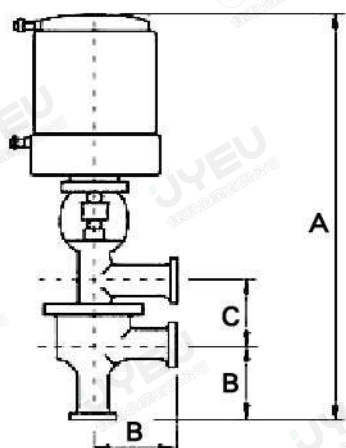
AV-T



| Size  | A   | B    |
|-------|-----|------|
| 1     | 347 | 64.9 |
| 1 1/2 | 352 | 70.3 |
| 2     | 378 | 89.3 |
| 2 1/2 | 384 | 89.3 |
| 3     | 397 | 95.7 |

## F型氣動閥

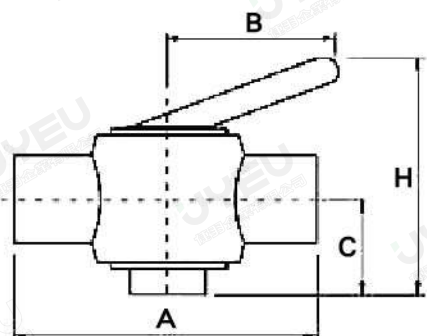
AV-F



| Size  | A   | B    | B     |
|-------|-----|------|-------|
| 1 1/2 | 45  | 70.3 | 82.5  |
| 2     | 492 | 89.3 | 95.3  |
| 2 1/2 | 511 | 89.3 | 108   |
| 3     | 537 | 95.7 | 120.6 |

## 二通拷克焊接式(下開式)

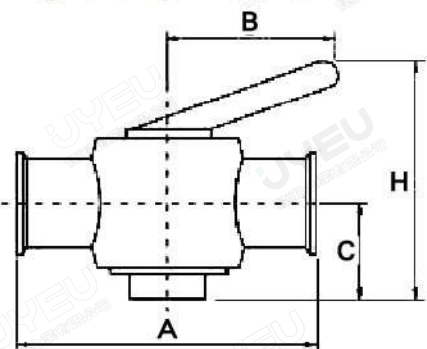
## 2-Way-Butt Weld-Plug Valve



| Size  | A     | B     | C    | H     |
|-------|-------|-------|------|-------|
| 1     | 184.2 | 117   | 58.3 | 128.4 |
| 1 1/2 | 198.4 | 142.7 | 61   | 164.4 |
| 2     | 233.8 | 144.2 | 72.4 | 178.3 |
| 2 1/2 | 260.4 | 150.6 | 86.2 | 223.4 |
| 3     | 290.5 | 180.7 | 90.6 | 241.4 |

## 二通拷克夾板式(下開式)

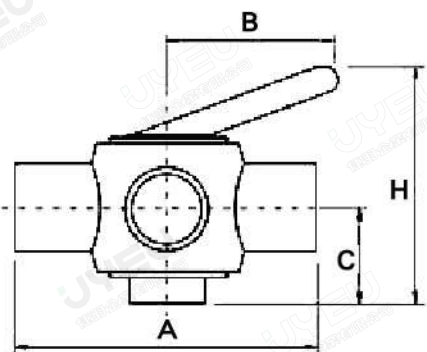
## 2-Way-Clamp-Plug Valve



| Size  | A     | B     | C    | H     |
|-------|-------|-------|------|-------|
| 1     | 115.9 | 117   | 58.3 | 128.4 |
| 1 1/2 | 147.6 | 142.7 | 61   | 163.4 |
| 2     | 173   | 144.2 | 72.4 | 178.3 |
| 2 1/2 | 209.6 | 150.6 | 86.2 | 223.4 |
| 3     | 239.7 | 180.7 | 90.6 | 241.4 |

## 三通拷克焊接式(下開式)

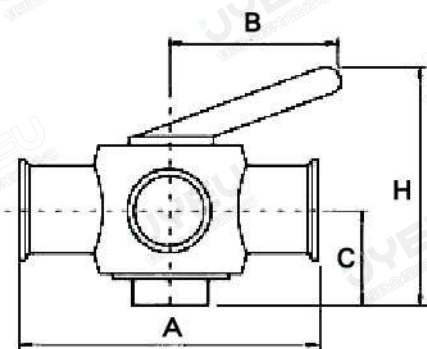
## 3-Way-Butt Weld-Plug Valve



| Size  | A     | B     | C    | H     |
|-------|-------|-------|------|-------|
| 1     | 184.2 | 117   | 58.3 | 128.4 |
| 1 1/2 | 184.2 | 142.7 | 61   | 163.4 |
| 2     | 233.8 | 144.2 | 72.4 | 178.3 |
| 2 1/2 | 260.4 | 150.6 | 86.2 | 223.4 |
| 3     | 290.5 | 180.7 | 90.6 | 241.4 |

## 三通拷克夾板式(下開式)

## 3-Way-Clamp-Plug Valve



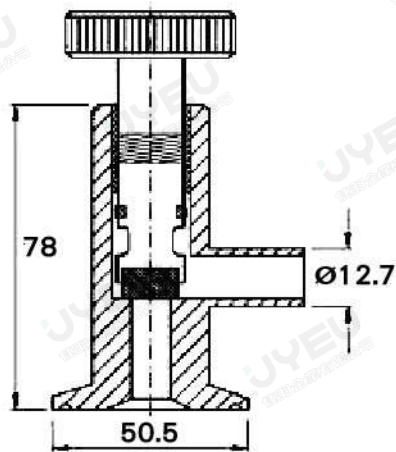
| Size  | A     | B     | C    | H     |
|-------|-------|-------|------|-------|
| 1     | 115.9 | 117   | 58.3 | 128.4 |
| 1 1/2 | 147.6 | 142.7 | 61   | 163.4 |
| 2     | 173   | 144.2 | 72.4 | 178.3 |
| 2 1/2 | 209.6 | 150.6 | 86.2 | 223.4 |
| 3     | 239.7 | 180.7 | 90.6 | 241.4 |



## 取樣閥

### Sample Cock Valve

#### • Clamp End Sample Cock Valve



#### • Materials •

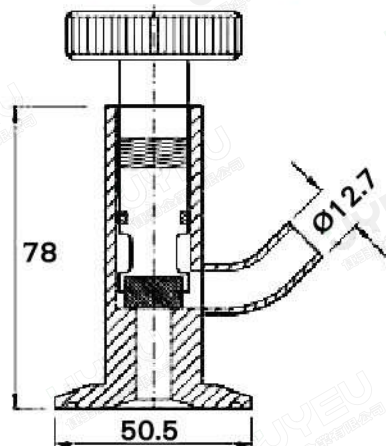
Steel part : Stainess SS316L

Seal : Teflon

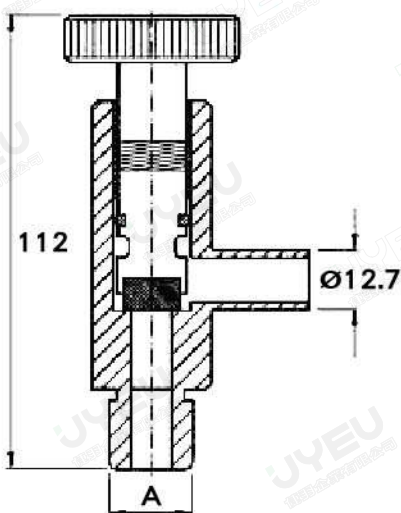
O-Ring : EPDM

| Size | A          |
|------|------------|
| 1/2  | 1/2PF      |
| 3/8  | NPT 3/8-14 |
| 1/4  | NPT 1/4-14 |
| 3/8  | PT 3/8-14  |
| 1/4  | PT 1/4-14  |

#### • Clamp End Sample Cock Valve For 45°

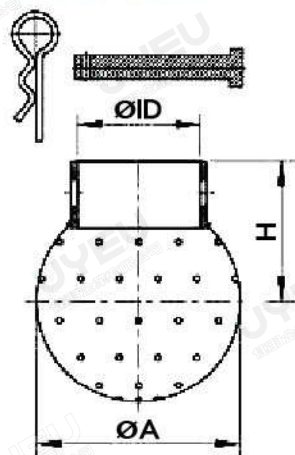


#### • Male End Sample Cock Valve

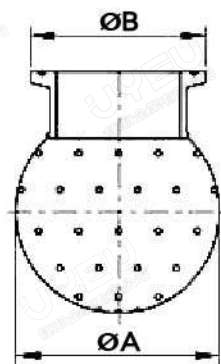


## CIP噴球 Spray Ball

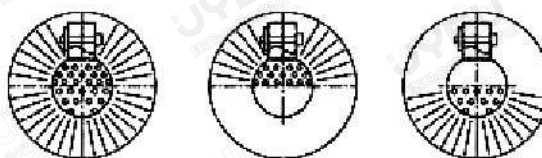
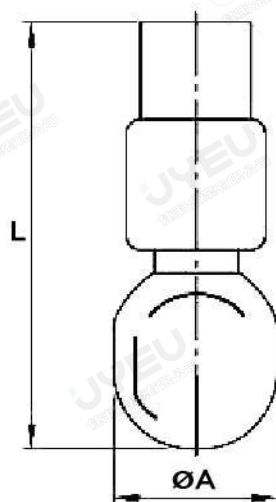
### • 固定式噴球 Bolt Spray Ball



### • 夾板固定式噴球 Ferrule For Fixed Spray Ball



### • 固定式噴球 Bolt Spray Ball



| Size  | ØA    | ID    | H     |
|-------|-------|-------|-------|
| 1     | 115.9 | 117   | 128.4 |
| 1 1/2 | 147.6 | 142.7 | 163.4 |
| 2     | 173   | 144.2 | 178.3 |
| 2 1/2 | 209.6 | 150.6 | 223.4 |
| 3     | 239.7 | 180.7 | 241.4 |

• Material:SS316L

#### Technocal parameter

| Size  | ØA    | ID    | H     |
|-------|-------|-------|-------|
| 1     | 115.9 | 117   | 128.4 |
| 1 1/2 | 147.6 | 142.7 | 163.4 |
| 2     | 173   | 144.2 | 178.3 |
| 2 1/2 | 209.6 | 150.6 | 223.4 |
| 3     | 239.7 | 180.7 | 241.4 |

| Size  | ØA   | ØB   |
|-------|------|------|
| 1     | 53   | 50.4 |
| 1 1/2 | 63.5 | 50.4 |
| 2     | 76.2 | 63.9 |



| Size  | ØA | L   |
|-------|----|-----|
| 1     | 45 | 130 |
| 1 1/2 | 53 | 154 |
| 2     | 63 | 168 |

• Material:SS316L

#### Technocal parameter

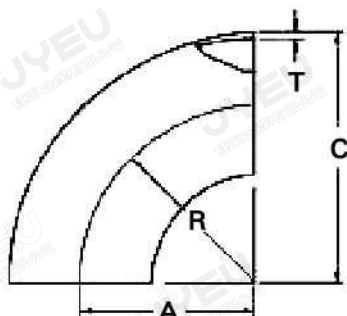
| Size  | Pressure (bar) | Cleaning radius (m) | 360°/180° Fluxation m³/h |
|-------|----------------|---------------------|--------------------------|
| 1     | 2              | 1.25                | 12                       |
| 1 1/2 | 2              | 1.5                 | 38                       |
| 2     | 2              | 2                   | 38                       |



## 3A焊接式零件系列

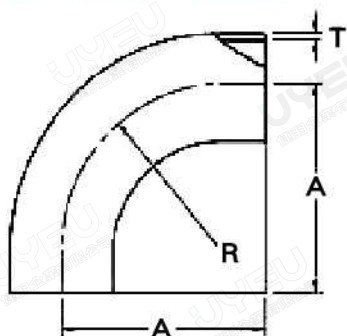
### 3A Butt Weld Fittings Serie

#### • 90° Elbow 2WC



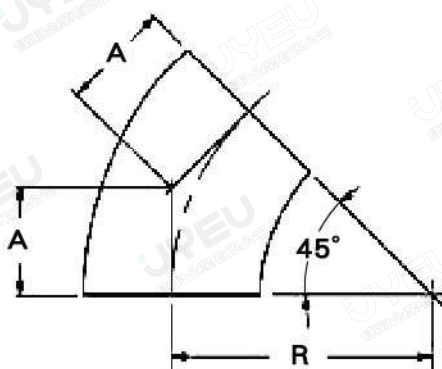
| Size  | OD    | T    | A     | R     | C     |
|-------|-------|------|-------|-------|-------|
| 1/2   | 12.7  | 1.65 | 25.4  | 25.4  | 31.8  |
| 3/4   | 19.05 |      | 28.6  | 28.6  | 38.1  |
| 1     | 25.4  |      | 38.1  | 38.1  | 50.8  |
| 1 1/2 | 38.1  |      | 57.2  | 57.2  | 76.2  |
| 2     | 50.8  |      | 76.2  | 76.2  | 101.6 |
| 2 1/2 | 63.5  |      | 95.2  | 95.2  | 127   |
| 3     | 76.2  | 2.1  | 114.3 | 114.3 | 152.4 |
| 4     | 101.6 |      | 152.4 | 152.4 | 203.2 |
| 6     | 152.4 |      | 228.6 | 228.6 | 304.8 |

#### • 90° Elbow L2S



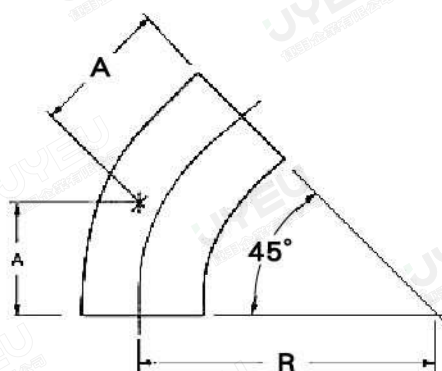
| Size  | OD    | T    | R     | A     |
|-------|-------|------|-------|-------|
| 3/4   | 19.05 | 1.65 | 28.6  | 76.2  |
| 1     | 25.4  |      | 38.1  | 52.4  |
| 1 1/2 | 38.1  |      | 57.2  | 74.6  |
| 2     | 50.8  |      | 76.2  | 103.2 |
| 2 1/2 | 63.5  |      | 95.2  | 131.8 |
| 3     | 76.2  |      | 114.3 | 160.3 |
| 4     | 101.6 | 2.1  | 152.4 | 211.1 |

#### • 45° Elbow 2KW



| Size  | OD    | T    | R     | A    |
|-------|-------|------|-------|------|
| 3/4   | 19.05 | 1.65 | 28.6  | 10.8 |
| 1     | 25.4  |      | 38.1  | 15.9 |
| 1 1/2 | 38.1  |      | 57.2  | 23.8 |
| 2     | 50.8  |      | 76.2  | 39.7 |
| 2 1/2 | 63.5  |      | 95.2  | 47.6 |
| 3     | 76.2  |      | 114.3 | 47.6 |
| 4     | 101.6 | 2.1  | 152.4 | 63.5 |
| 6     | 152.4 | 2.77 | 228.6 | 95.3 |

#### • 45° Elbow L2KS

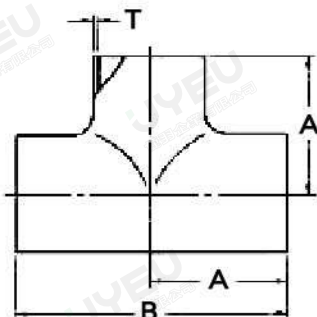


| Size  | OD    | T    | R     | A     |
|-------|-------|------|-------|-------|
| 3/4   | 19.05 | 1.65 | 28.6  | 19.3  |
| 1     | 25.4  |      | 38.1  | 30.2  |
| 1 1/2 | 38.1  |      | 57.2  | 41.3  |
| 2     | 50.8  |      | 76.2  | 58.7  |
| 2 1/2 | 63.5  |      | 95.2  | 76.2  |
| 3     | 76.2  |      | 114.3 | 93.7  |
| 4     | 101.6 | 2.1  | 152.4 | 122.2 |

## 3A焊接式零件系列

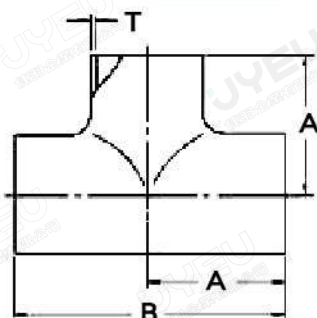
### 3A Butt Weld Fittings Serie

#### • Long Tee 7W



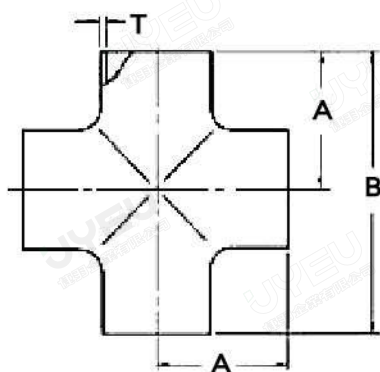
| Size  | OD    | T    | R    | A     |
|-------|-------|------|------|-------|
| 3/4   | 19.05 | 1.65 | 34.5 | 69    |
| 1     | 25.4  |      | 47.6 | 95.2  |
| 1 1/2 | 38.1  |      | 57.2 | 114.3 |
| 2     | 50.8  |      | 76.2 | 152.4 |
| 2 1/2 | 63.5  |      | 76.2 | 152.4 |
| 3     | 76.2  | 2.1  | 82.6 | 165.2 |
| 4     | 101.6 | 2.1  | 98.4 | 196.8 |
| 6     | 152.4 | 2.77 | 127  | 254   |

#### • Short Tee 7WWW



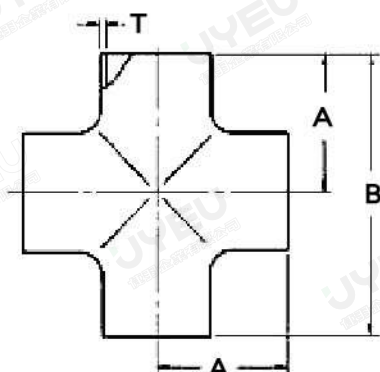
| Size  | OD    | T    | R     | A     |
|-------|-------|------|-------|-------|
| 3/4   | 19.05 | 1.65 | 25.4  | 50.8  |
| 1     | 25.4  |      | 28.6  | 57.2  |
| 1 1/2 | 38.1  |      | 42.05 | 84.1  |
| 2     | 50.8  |      | 52.35 | 104.7 |
| 2 1/2 | 63.5  |      | 59.5  | 119   |
| 3     | 76.2  | 2.1  | 65.9  | 131.8 |
| 4     | 101.6 | 2.1  | 87.3  | 174.6 |

#### • Long Cross 9W



| Size  | OD    | T    | R    | A     |
|-------|-------|------|------|-------|
| 3/4   | 19.05 | 1.65 | 34.5 | 69    |
| 1     | 25.4  |      | 47.6 | 95.2  |
| 1 1/2 | 38.1  |      | 57.2 | 114.3 |
| 2     | 50.8  |      | 76.2 | 152.4 |
| 2 1/2 | 63.5  |      | 76.2 | 152.4 |
| 3     | 76.2  | 2.1  | 82.6 | 165.2 |
| 4     | 101.6 | 2.1  | 98.4 | 196.8 |

#### • Short Cross 9WWW



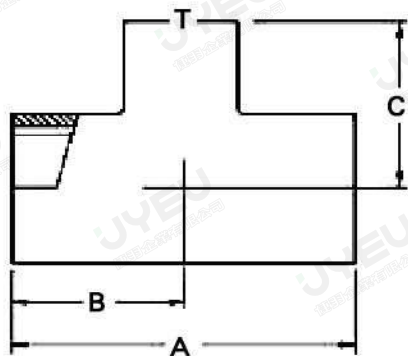
| Size  | OD    | T    | R     | A     |
|-------|-------|------|-------|-------|
| 3/4   | 19.05 | 1.65 | 25.4  | 50.8  |
| 1     | 25.4  |      | 28.6  | 57.2  |
| 1 1/2 | 38.1  |      | 42.05 | 84.1  |
| 2     | 50.8  |      | 52.35 | 104.7 |
| 2 1/2 | 63.5  |      | 59.5  | 119   |
| 3     | 76.2  | 2.1  | 65.9  | 131.8 |
| 4     | 101.6 | 2.1  | 87.3  | 174.6 |



## 3A焊接式零件系列

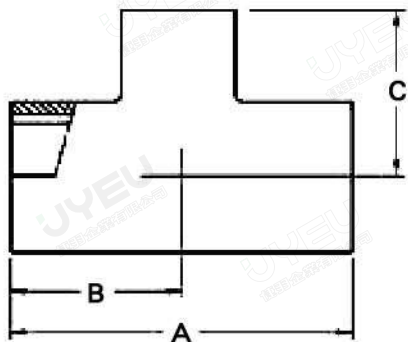
### 3A Butt Weld Fittings Series

#### • Short Reducing Tee 7RWWW



| Size        | A     | B     | C    |
|-------------|-------|-------|------|
| 1 1/2x1     | 84.1  | 42.05 | 34.9 |
| 2x1         | 104.7 | 52.35 | 41.6 |
| 2x1 1/2     | 104.7 | 52.35 | 48.4 |
| 2 1/2x1 1/2 | 119   | 59.5  | 55.3 |
| 2 1/2x2     | 119   | 59.5  | 59.5 |
| 3x2         | 131.8 | 65.9  | 65.9 |
| 3x2 1/2     | 131.8 | 65.9  | 65.9 |
| 4x2         | 174.6 | 87.3  | 87.3 |
| 4x2 1/2     | 174.6 | 87.3  | 87.3 |
| 4x3         | 174.6 | 87.3  | 87.3 |

#### • Long Reducing Tee 7RW

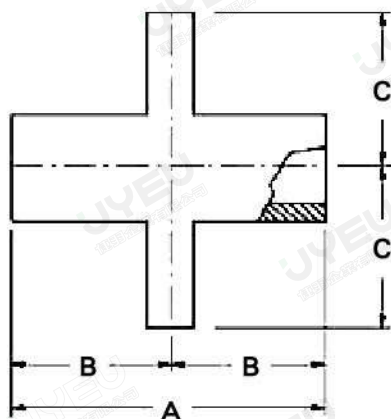


| Size        | A     | B    | C     |
|-------------|-------|------|-------|
| 1 1/2x1     | 114.3 | 57.2 | 54.1  |
| 2x1         | 152.4 | 76.2 | 60.3  |
| 2x1 1/2     |       |      | 63.5  |
| 2 1/2x1     |       |      | 69.9  |
| 2 1/2x1 1/2 |       |      | 69.9  |
| 2 1/2x2     | 165.1 | 82.6 | 82.6  |
| 3x1         |       |      | 76.2  |
| 3x1 1/2     |       |      | 76.2  |
| 3x2         |       |      | 88.9  |
| 3x2 1/2     | 196.8 | 98.4 | 82.6  |
| 4x1         |       |      | 92.1  |
| 4x1 1/2     |       |      | 92.1  |
| 4x2         |       |      | 101.6 |
| 4x2 1/2     | 254   | 127  | 95.3  |
| 4x3         |       |      | 95.3  |
| 6x3         |       |      | 120.7 |
| 6x4         |       |      | 123.8 |

## 3A焊接式零件系列

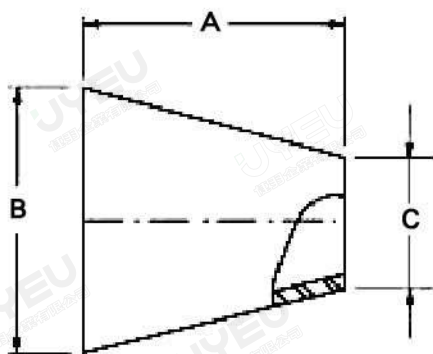
## 3A Butt Weld Fittings Serie

## • Long Reducing Cross 9WR



| Size        | A     | B    | C     |
|-------------|-------|------|-------|
| 1 1/2x1     | 114.3 | 57.2 | 54.1  |
| 2x1         | 152.4 | 76.2 | 60.3  |
| 2x1 1/2     |       |      | 63.5  |
| 2 1/2x1     |       |      | 69.9  |
| 2 1/2x1 1/2 |       |      | 69.9  |
| 2 1/2x2     |       |      | 82.6  |
| 3x1         | 165.2 | 82.6 | 76.2  |
| 3x1 1/2     |       |      | 76.2  |
| 3x2         |       |      | 88.9  |
| 3x2 1/2     |       |      | 82.6  |
| 4x1         |       |      | 92.1  |
| 4x1 1/2     | 196.8 | 98.4 | 92.1  |
| 4x2         |       |      | 101.6 |
| 4x2 1/2     |       |      | 95.3  |
| 4x3         |       |      | 95.3  |
| 6x3         |       |      | 120.7 |
| 6x4         | 254   | 127  | 123.8 |

## • Concentric Reducer 31W



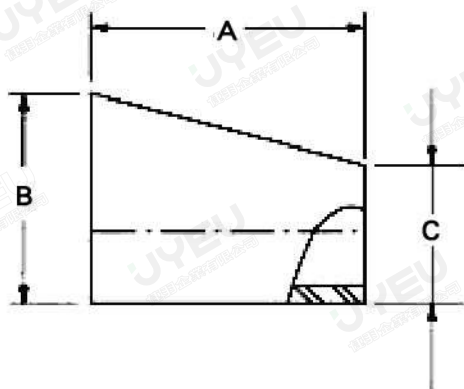
| Size        | A     | B     | C     |
|-------------|-------|-------|-------|
| 1x1/2       | 25.4  | 25.4  | 12.7  |
| 1x3/4       | 25.4  |       | 19.05 |
| 1 1/2x1     | 50.8  | 38.1  | 25.4  |
| 2x1         | 101.6 | 50.8  | 25.4  |
| 2x1 1/2     | 50.8  |       | 38.1  |
| 2 1/2x1 1/2 | 101.6 | 63.5  | 38.1  |
| 2 1/2x2     | 50.8  |       | 50.8  |
| 3x1         | 203.2 | 76.2  | 25.4  |
| 3x1 1/2     | 152.4 |       | 38.1  |
| 3x2         | 101.6 |       | 50.8  |
| 3x2 1/2     | 50.8  |       | 63.5  |
| 4x1         | 304.8 |       | 25.4  |
| 4x1 1/2     | 254   | 101.6 | 38.1  |
| 4x2         | 203.2 |       | 50.8  |
| 4x2 1/2     | 152.4 |       | 63.5  |
| 4x3         | 101.6 |       | 76.2  |



## 3A焊接式零件系列

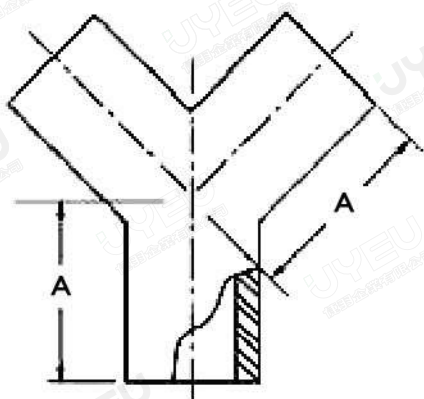
## 3A Butt Weld Fittings Series

## • Eccentric Reducer 32WR



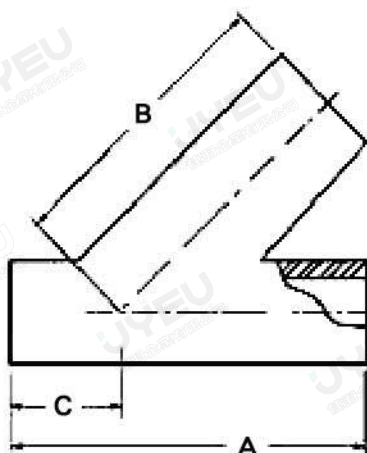
| Size        | A     | B     | C     |
|-------------|-------|-------|-------|
| 1x1/2       | 25.4  | 25.4  | 12.7  |
| 1x3/4       | 25.4  |       | 19.05 |
| 1 1/2x1     | 50.8  | 38.1  | 25.4  |
| 2x1         | 101.6 | 50.8  | 25.4  |
| 2x1 1/2     | 50.8  |       | 38.1  |
| 2 1/2x1 1/2 | 101.6 | 63.5  | 38.1  |
| 2 1/2x2     | 50.8  |       | 50.8  |
| 3x1         | 203.2 | 76.2  | 25.4  |
| 3x1 1/2     | 152.4 |       | 38.1  |
| 3x2         | 101.6 |       | 50.8  |
| 3x2 1/2     | 50.8  |       | 63.5  |
| 4x1         | 304.8 | 101.6 | 25.4  |
| 4x1 1/2     | 254   |       | 38.1  |
| 4x2         | 203.2 |       | 50.8  |
| 4x2 1/2     | 152.4 |       | 63.5  |
| 4x3         | 101.6 |       | 76.2  |

## • Truet 28BW



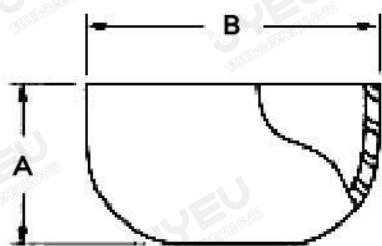
| Size  | Tube OD | A     |
|-------|---------|-------|
| 3/4   | 19.05   | 50.8  |
| 1     | 25.4    | 76.2  |
| 1 1/2 | 38.1    | 76.2  |
| 2     | 50.8    | 101.6 |
| 2 1/2 | 63.5    | 127   |
| 3     | 76.2    | 152.4 |
| 4     | 101.6   | 203.2 |
| 6     | 152.4   | 203.2 |

## • Lateral Y and Reducing Lateral Y



| Size  | Tube OD | A   | B   | C     |
|-------|---------|-----|-----|-------|
| 3/4   | 19.05   | 70  | 50  | 25    |
| 1     | 25.4    | 90  | 70  | 38.1  |
| 1 1/2 | 38.1    | 120 | 80  | 38.1  |
| 2     | 50.8    | 180 | 120 | 50.8  |
| 2 1/2 | 63.5    | 230 | 140 | 63.5  |
| 3     | 76.2    | 250 | 175 | 76.2  |
| 4     | 101.6   | 350 | 230 | 101.6 |

• Butt Weld Cap 16W

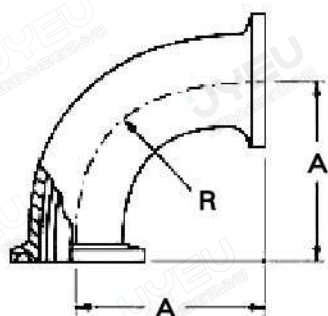


| Size  | A     | B     |
|-------|-------|-------|
| 1     | 9.52  | 25.4  |
| 1 1/2 | 14.29 | 38.1  |
| 2     | 19.05 | 50.8  |
| 2 1/2 | 25.4  | 63.5  |
| 3     | 31.75 | 76.2  |
| 4     | 38.1  | 101.6 |
| 6     | 63.5  | 152.4 |

3A焊接式零件系列

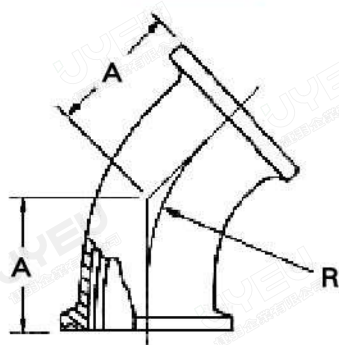
3A Butt Weld Fittings Serie

• 90° Elbow 2 CMP



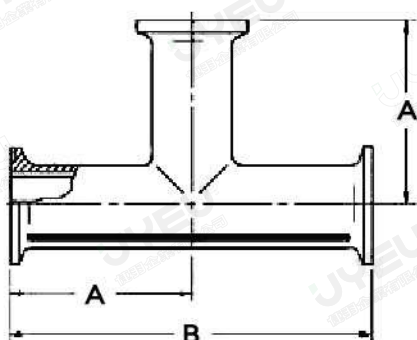
| Size  | A      | R     |
|-------|--------|-------|
| 3/4   | 41.3   | 28.6  |
| 1     | 50.8   | 38.1  |
| 1 1/2 | 69.9   | 57.2  |
| 2     | 88.9   | 76.2  |
| 2 1/2 | 107.95 | 95.2  |
| 3     | 127    | 114.3 |
| 4     | 198.2  | 152.4 |

• 45° Elbow 2 KMP



| Size  | A     | R     |
|-------|-------|-------|
| 3/4   | 23.5  | 28.6  |
| 1     | 28.5  | 38.1  |
| 1 1/2 | 36.5  | 57.2  |
| 2     | 44.45 | 76.2  |
| 2 1/2 | 52.3  | 95.2  |
| 3     | 60.3  | 114.3 |
| 4     | 76.2  | 152.4 |

• Clamp Tee 7MP



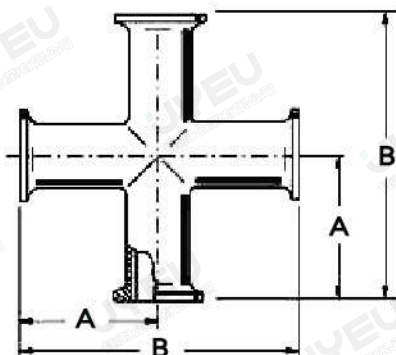
| Size  | A     | R     |
|-------|-------|-------|
| 3/4   | 47.2  | 94.4  |
| 1     | 60.3  | 120.6 |
| 1 1/2 | 69.9  | 139.8 |
| 2     | 88.9  | 177.8 |
| 2 1/2 | 88.9  | 177.8 |
| 3     | 95.3  | 190.6 |
| 4     | 114.2 | 228.4 |



## 3A夾板式零件系列

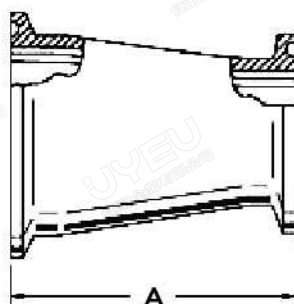
### 3A Clamp Fittings Serie

#### • Cross-MO 9



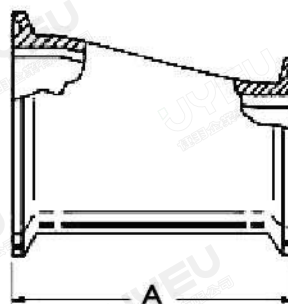
| Size  | A     | R     |
|-------|-------|-------|
| 3/4   | 47.2  | 94.4  |
| 1     | 60.3  | 120.6 |
| 1 1/2 | 69.9  | 139.8 |
| 2     | 88.9  | 177.8 |
| 2 1/2 | 88.9  | 177.8 |
| 3     | 95.3  | 190.6 |
| 4     | 114.3 | 228.4 |

#### • Concentric Reducer 31-14MO



| Size        | A     |
|-------------|-------|
| 3/4x1/2     | 50.8  |
| 1x1/2       | 50.8  |
| 1x3/4       | 50.8  |
| 1 1/2x1/2   | 88.9  |
| 1 1/2x3/4   | 76.2  |
| 1 1/2x1     | 76.2  |
| 2x1         | 127   |
| 2x1 1/2     | 76.2  |
| 2 1/2x1 1/2 | 127   |
| 2 1/2x2     | 76.2  |
| 3x1 1/2     | 177.8 |
| 3x2         | 127   |
| 3x2 1/2     | 76.2  |
| 4x1 1/2     | 282.5 |
| 4x2         | 231.7 |
| 4x2 1/2     | 180.9 |
| 4x3         | 130.1 |

#### • Eccentric Reducer 32-14MO



| Size        | A     |
|-------------|-------|
| 3/4x1/2     | 50.8  |
| 1x1/2       | 50.8  |
| 1x3/4       | 50.8  |
| 1 1/2x1/2   | 88.9  |
| 1 1/2x3/4   | 76.2  |
| 1 1/2x1     | 76.2  |
| 2x1         | 127   |
| 2x1 1/2     | 76.2  |
| 2 1/2x1 1/2 | 127   |
| 2 1/2x2     | 76.2  |
| 3x1 1/2     | 177.8 |
| 3x2         | 127   |
| 3x2 1/2     | 76.2  |
| 4x1 1/2     | 282.5 |
| 4x2         | 231.7 |
| 4x2 1/2     | 180.9 |
| 4x3         | 130.1 |

# 誠信 負責 創新 效率

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