



## 150PSI cast Threaded Pipe Fittings For Street Elbow

### Basic Information

- Place of Origin: China
- Brand Name: DEYE
- Certification: ISO9001:2015 PED
- Model Number: STH-TH-8
- Minimum Order Quantity: 10pcs
- Price: USD0.5-USD50 for each pc
- Packaging Details: Cartons+Ply-wooden cases, Pallets
- Delivery Time: 7 days for stock items
- Payment Terms: T/T, L/C, D/P
- Supply Ability: 1000000PCS one month



### Product Specification

- Thread: DIN 2999, ISO 7/1, ISO 228, NPT, BSPT, BSP
- Casting: Investment Casting
- Material: 304/304L, 316/316L
- Size: 1/4"-4"
- Highlight: **Screwed Threaded Pipe Fittings ,  
SS Threaded Pipe Fittings , 150PSI Street Elbow**

## Product Description

### 150PSI cast Threaded Pipe Fittings For Street Elbow




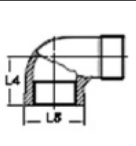

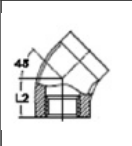

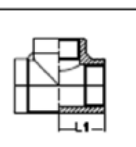

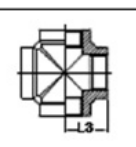

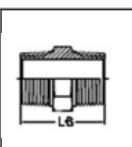
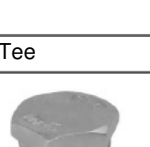
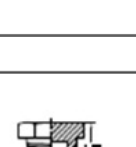
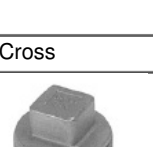
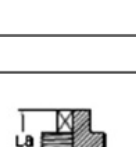

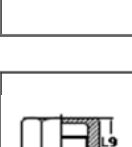

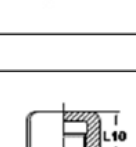
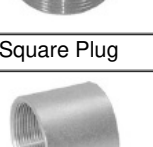
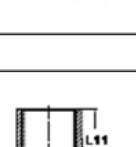

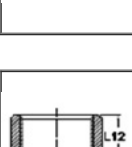
**Stainless Steel Investment Casting Pipe Fitting, Male and Female Bsp/NPT Threaded SS304/316 steet Elbow, the street elbow is installed between two lengths of pipe (or tubing) to allow a change of direction, usually a 90° or 45° angle; 22.5° elbows are also available. the ends with male/ female threaded to connect fittings or valves The screw thread of NPT BSPT makes the connection jobs more easlier and precisely.**

**Investment casting technology provides a better surface finish and allows for greater design flexibility. Investment casting can significantly reduce the cost and lower the production time per piece. because it accomplished by producing near net shape parts, Elbows, tees, reducers, unions, couplings, bushings, plugs ect. while greatly reducing the amount of material waste to finally offer a best cost effective option for pipe fittings.**

#### Product Information/Product Description/Basis Information/Specification

|                |   |
|----------------|---|
| Description    | 150PSI cast Threaded Pipe Fittings For Street Elbow   |
| Product name   | threaded NPT BSPT 150PSI Elbows, Reducers, Coupling, Plug, Bushing, Union, Tee, cross, caps Stainless Steel Screwed Pipe Fittings Threaded Pipe Fittings<br>Union, Hex Nipple, bushing, reducer socket, 45 90 degree elbow, Square Head plug, coupling, Y pipe joints tee |
| Size           | 1/2" 3/4" 1" 1-1/4" 1-1/2" 2" 2-1/2" 3" 4" 5" 6" 8"   |
| Gasket         | NBR, FKM  |
| Thread         | BSPT,BSPP, NPT,PS , DIN   |
| Material       | stainless steel201,202, stainless steel304, stainless steel 316   |
| Casting Method | Investment precision casting, CNC machine   |
| Application    | Oil, Water, Industrial, Chemical  |
| Test pressure  | Usually 150PSI  |
| Package        | pcs/polybag, polybag/carton, cartons/pallet or according to your requirement  |
| Advantages     | 1.OEM and Customized service can be provided<br>2. With experience,quality guaranteed<br>3. Approved by ISO9001:2015<br>4. With independent open mold capacity, OEM supposed  |

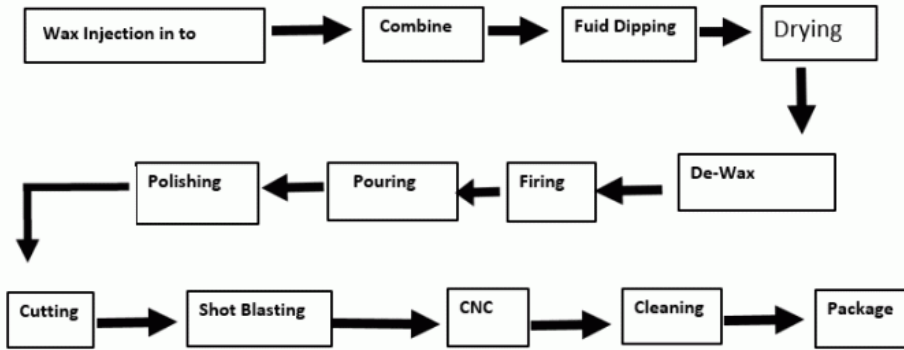
#### Technology/ Technical Data Sheets

|   |   |   |   |   |   |
|---|---|---|---|---|---|
|  |  |  |  |  |  |
| 90° Elbow   | 90° Street Elbow  | 90° Street Elbow  | 90° Street Elbow  | 45° Elbow   | 45° Elbow   |
|  |  |  |  |  |  |
| Tee   | Tee   | Cross   | Cross   | Hex. Nipple   | Hex. Nipple   |
|  |  |  |  |  |  |
| Hex. Plug   | Hex. Plug   | Square Plug   | Square Plug   | Hex. Cap  | Hex. Cap  |
|  |  |  |  |  |  |
| Round Cap   | Round Cap   | Coupling (Socket)   | Coupling (Socket)   | Half Coupling   | Half Coupling   |

| SIZE | L1 | L2 | L3 | L4 | L5 | L6 | L7 | L8 | L9 | L10 | L11 | L12 |
|------|----|----|----|----|----|----|----|----|----|-----|-----|-----|
| 1/8" | 16 | 18 | 16 | 17 | 25 | 22 | 18 | 17 | 13 | -   | -   | -   |

|        |      |    |    |    |     |    |      |      |      |      |    |    |
|--------|------|----|----|----|-----|----|------|------|------|------|----|----|
| 1/4"   | 19   | 19 | 19 | 20 | 30  | 30 | 18   | 21   | 15   | 15   | 25 | 11 |
| 3/8"   | 24   | 20 | 25 | 24 | 34  | 31 | 19   | 23   | 17   | 17   | 26 | 12 |
| 1/2"   | 25.5 | 20 | 28 | 26 | 37  | 35 | 22   | 24   | 19   | 17.5 | 32 | 15 |
| 3/4"   | 29.5 | 23 | 32 | 30 | 43  | 39 | 24   | 25   | 18   | 20.5 | 33 | 17 |
| 1"     | 36   | 26 | 39 | 36 | 51  | 45 | 27   | 27   | 20.5 | 23.5 | 38 | 19 |
| 1-1/4" | 43.5 | 30 | 45 | 44 | 59  | 48 | 26   | 34.5 | 22   | 25.5 | 44 | 22 |
| 1-1/2" | 46.5 | 33 | 49 | 47 | 64  | 50 | 29.5 | 35.5 | 23   | 26.5 | 44 | 23 |
| 2"     | 55.5 | 38 | 57 | 54 | 74  | 57 | 32   | 36   | 25.5 | 28   | 50 | 25 |
| 2-1/2" | 66   | 45 | 69 | 66 | 90  | 64 | 36.5 | 43   | 28.5 | 31   | 58 | 29 |
| 3"     | 74   | 52 | -  | 74 | 99  | 70 | 37.5 | 46.5 | 30.5 | 33   | 66 | 33 |
| 4"     | 90   | 64 | -  | 90 | 115 | 79 | 42   | 52   | 38.5 | 37   | 72 | 36 |

### Production Process



### Common used Material Grade

SS316 Chemical Composition

ASTM A351 CF8M, SS316 Chemical Composition in %

ASTM A351 CF8M, SS316 Chemical Composition in %

|      | C     | Mn    | P     | S     | Si    | Ni   | Cr   | Mo   |
|------|-------|-------|-------|-------|-------|------|------|------|
| Min. |       |       |       |       |       | 9.0  | 18.0 | 2.00 |
| Max. | 0.080 | 1.500 | 0.040 | 0.040 | 1.500 | 12.0 | 21.0 | 3.00 |

SS316 Mechanical Properties of the Fittings at room temperature

| SS316/S<br>S316L | Tensile Strength<br>Rm (N/mm <sup>2</sup> ) | Upper Yield Point ReH<br>(N/mm <sup>2</sup> ) min. | Elongation at rupture<br>A5<br>(%)<br>min. | Hardness Test<br>(HRB) |
|------------------|---|--|--|------------------------|
| Min.             | 485   | 205  | 30   |                        |
| Max.             |   |  |  | 80                     |

SS304 Chemical Composition

ASTM A351 CF8, SS304 Chemical Composition in %

|      | C     | Mn    | P     | S     | Si    | Ni   | Cr   | Mo   |
|------|-------|-------|-------|-------|-------|------|------|------|
| Min. |       |       |       |       |       | 8.0  | 18.0 |      |
| Max. | 0.080 | 1.500 | 0.040 | 0.040 | 2.000 | 11.0 | 21.0 | 0.50 |

SS304 Mechanical Properties of the Fittings at room temperature

| SS304/S<br>S304L | Tensile Strength<br>Rm (N/mm <sup>2</sup> ) | Upper Yield Point ReH<br>(N/mm <sup>2</sup> ) min. | Elongation at rupture<br>A5<br>(%)<br>min. | Hardness Test<br>(HRB) |
|------------------|---|--|--|------------------------|
| Min.             | 485   | 205  | 35   |                        |
| Max.             |   |  |  |                        |

### Application/ Usage:

Threaded pipe fittings are commonly used in Water gas pipes, small diameter water pipes, compressed air pipes and low-pressure steam pipes.

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