

## AISI 304 Stainless Steel Threaded Tee

Our Product Introduction

### Basic Information

- Place of Origin: CHINA
- Brand Name: KASUGAI
- Certification: ISO-9001; PED; AD 2000
- Model Number: 304 SP-114 CL150 Cast Threaded Tee
- Minimum Order Quantity: TO BE NEGOTIATED
- Price: PER BASE MATERIAL PRICE
- Packaging Details: SEAWORTHY PACKING
- Delivery Time: 60 DAYS FOR ONE CONTAINER
- Payment Terms: L / C , T / T
- Supply Ability: 100 TONS / MONTH



### Product Specification

- Product Name: AISI 304 MSS SP-114 CL150 Stainless Steel Cast Threaded Tee
- Size Range: 1/8" To 4"
- Thread Type: ASME B1.20.1(NPT), BS 21 (NSPT), DIN2999/259
- Pressure Class: Class 150 NPT
- Standards: AISI 304/L
- Dimensions: MSS SP-114-2018
- Highlight: **AISI 304 Stainless Steel Threaded Tee, AISI 304 Stainless Pipe Fittings, CL150 Stainless Steel Threaded Tee**

for more products please visit us on [flangespipefittings.com](http://flangespipefittings.com)

## Product Description

### AISI 304 MSS SP-114 CL150 Stainless Steel Cast Threaded Tee

#### Product Information

Product Name	AISI 304 MSS SP-114 CL150 Stainless Steel Cast Threaded Tee
Thread Types	ASME B1.20.1(NPT), BS 21 (NSPT), DIN2999/259
Dimensions	MSS SP-114:2018
Size Range	1/8" to 4"
Pressure Class	Class 150
Materials	AISI 304/L

#### Standard & Materials:AISI 304/L

The SAE/ANSI 304 (AISI 304) is the most commonly available and used type of stainless steel. It is also referred to as 18/8 stainless steel, A2 stainless steel (as per the ISO 3506), or 304S15 (as per the British Standard). This is an austenitic chromium-nickel alloy which practically means that it has a very high corrosion resistance. It is also nonmagnetic and can't be hardened through heat treatment. As AISI 304 can withstand extremely corrosive environments and can be shaped, machined and welded relatively easy, it is very popular for a wide range of applications.

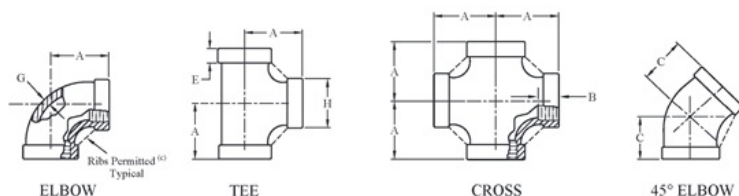
#### AISI 304/L Chemical Composition (%)

Grade	C, max	Cr	Mn, max	Ni	P, max	S, max	Si, max
AISI 304	0.08	18~20	2	8~10.5	0.045	0.03	1
AISI 304L	0.03	18~20	2	8~12	0.045	0.03	1

#### AISI 304/L Mechanical Properties

Mechanical Properties	304	304L
Hardness, Knoop	138	158
Hardness, Rockwell B	70	82
Hardness, Vickers	129	159
Tensile Strength, Ultimate	505 MPa	564 MPa
Tensile Strength, Yield	215 MPa	210 MPa
Elongation at Break	70%	58%
Modulus of Elasticity	193~200 GPa	193~200 GPa
Charpy Impact	325 J	216J

#### SP-114 Dimensions of Class 150 Cast Threaded 45/90 Degree Elbows, Tees and Crosses. (in inches)



NPS	Center-to-End Elbows, Tees & Crosses	Center-to-End 45° Elbows	Length of Thread <sup>(b)</sup> (min.)	Width of Band (min.)	Metal Thickness <sup>(a)</sup>	Outside Dia. of Band (min.)
	A	C	B	E	G	H
1/8	0.81	0.69	0.25	0.20	0.09	0.75
1/4	0.81	0.69	0.32	0.20	0.09	0.84
3/8	0.93	0.81	0.36	0.21	0.10	1.01
1/2	1.12	0.87	0.43	0.25	0.10	1.20
3/4	1.31	1.00	0.50	0.27	0.12	1.46
1	1.50	1.12	0.58	0.30	0.13	1.77
1 1/4	1.75	1.31	0.67	0.34	0.14	2.15
1 1/2	1.93	1.43	0.70	0.37	0.15	2.43
2	2.25	1.68	0.75	0.42	0.17	2.96
2 1/2	2.68	1.93	0.92	0.48	0.2	3.31
3	3.06	2.18	0.98	0.55	0.23	4.00
4	3.81	2.62	1.08	0.66	0.26	5.06

#### NOTES:

Patterns shall be designed to produce castings of metal thickness given in the Table. Metal thickness at no point shall be less than 90% of values given in the Table.

The length of thread may extend beyond the width of band. However, minimum metal thickness (G) must be maintained at the end of the thread.

Ribs are permitted as per Section 9. The applicable "external" broken lines in the drawings above indicate where ribs are allowed.



Kasugai Shanghai Co., Ltd.



+8109093329324



zhangying@kasugai-group.co.jp



flangespipefittings.com

Rm.8415, Bldg. A8, No. 808 Hongqiao Road, Xuhui District, Shanghai 200030, Chia