

# Flanges



## Stainless Steel Flanges

We export different steel fashioned and steel plate ribs in huge dia with diverse evaluations. We deliver utilizing high caliber of steel to make them keep going for a long time.

We offer top quality and predominant execution steel ribs for different necessities of our customers. Composed according to market models and parameters. Our flanges are high in sturdiness and can withstand compelling conditions. Our complete extent incorporates weld neck flanges, attachment weld ribs, steel weld ribs, steel weld neck ribs and some more.

*Best Quality, Best Service*



■ SLIP-ON FLANGE



■ WELDING NECK FLANGE



■ SOCKET-WELDING FLANGE



■ THREADED FLANGE



■ LAP-JOINT FLANGE



■ BLIND FLANGE



■ RING JOINT



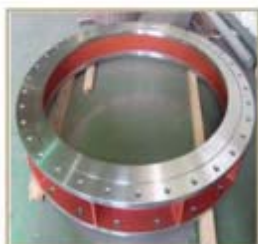
■ REINFORCED NOZZLE



■ NOZZLE FLANGE



■ TOWER FLANGE



■ BIG FLANGE

\* Standard : ANSI, API-6A G4,  
DIN, KS/JIS, AWWA, MSS,  
ASA, NF & ASME, etc.

\* Custom design available.

## 304/304L Stainless Steel Flanges

Mukesh Steel is Manufacturer, Supplier and Exporter of Stainless Steel 304/304L Flanges that is being made up from High Quality Raw Materials. SS 304/304L Flanges are utilized as a part of a scope of mechanical purposes and generally are utilized to join funnels. These Flanges are open in divergent evaluations, sizes and shapes.

There are distinctive sorts of Stainless Steel 304/304L Flanges, for example, SS 304/304L Screwed Flanges, 304/304L Long Weld Neck Flanges, 304/304L Reducing Flanges, 304/304L Spectacle Blind Flanges, 304/304L Ring Joint Flanges, 304/304L Threaded Flanges, 304/304L WNRF Flanges, 304/304L SORF Flanges, 304/304L Weld Neck Flanges, 304/304L Socket Weld Flanges, 304/304L Slip On Raise Face Flanges, 304/304L Blind Raise Face Flanges, 304/304L Lap Joint Flanges, 304/304L Orifice Flanges, 304/304L SWRF Flanges, and 304/304L BLRF Flanges.

Stainless Steel 304/304L Flanges werkstoff nr. 1.4301 & 1.4306 as well as ASTM A182, 240 UNS S30400 & ASTM A182, 240 UNS S30403 Flanges, SS 304/304L Flanges Manufacturer, SS 304/304L Flanges Suppliers.

| Standard      | SS 304 | SS 304L       |
|---------------|--------|---------------|
| UNS           | S30400 | S30403        |
| WERKSTOFF NR. | 1.4301 | 1.4306/1.4307 |

## Specification

| Standard      | 304 / 1.4301 & 304L / 1.4306                 |
|---------------|----------------------------------------------|
| Specification | ANSI B16.5                                   |
| Designation   | A240 / A182, SA 240 / SA 182                 |
| Class         | 150#, 300#, 400 #, 600#, 900#, 1500# & 2500# |
| Dimension     | BS4504, EN-1092                              |

## Chemical Composition

| Grade |      | C     | Mn  | Si   | P     | S     | Cr   | Mo | Ni   | N    |
|-------|------|-------|-----|------|-------|-------|------|----|------|------|
| 304   | min. | -     | -   | -    | -     | -     | 18.0 | -  | 8.0  | -    |
|       | max. | 0.08  | 2.0 | 0.75 | 0.045 | 0.030 | 20.0 |    | 10.5 | 0.10 |
| 304L  | min. | -     | -   | -    | -     | -     | 18.0 | -  | 8.0  | -    |
|       | max. | 0.030 | 2.0 | 0.75 | 0.045 | 0.030 | 20.0 |    | 12.0 | 0.10 |

## Mechanical Properties

| Grade | Tensile Strength (MPa) min | Yield Strength 0.2% Proof (MPa) min | Elongation (% in 50mm) min | Hardness              |                  |
|-------|----------------------------|-------------------------------------|----------------------------|-----------------------|------------------|
|       |                            |                                     |                            | Rockwell B (HR B) max | Brinell (HB) max |
| 304   | 515                        | 205                                 | 40                         | 92                    | 201              |
| 304L  | 485                        | 170                                 | 40                         | 92                    | 201              |

## Physical Properties

| Grade | Density (kg/m <sup>3</sup> ) | Elastic Modulus (GPa) | Mean Coefficient of thermal Expansion (m/m/°C) |         |         | thermal Conductivity (W/m.K) |          | Specific Heat 0-1000C (J/kg.K) | Electrical Resistivity (n.m) |
|-------|------------------------------|-----------------------|------------------------------------------------|---------|---------|------------------------------|----------|--------------------------------|------------------------------|
|       |                              |                       | 0-1000C                                        | 0-3150C | 0-5380C | at 1000C                     | at 5000C |                                |                              |
| 304   | 8000                         | 193                   | 17.2                                           | 17.8    | 18.4    | 16.2                         | 21.5     | 500                            | 720                          |
| 304L  | 8000                         | 193                   | 17.2                                           | 17.8    | 18.4    | 16.2                         | 21.5     | 500                            | 720                          |

## TYPES OF STAINLESS STEEL 304/304L/304/304LL FLANGES

- Steel 304/304L Screwed Flanges
- SS 304/304L Long Weld Neck Flanges
- Stainless Steel 304/304L Reducing Flanges
- ASME SS 304/304L Spectacle Blind Flanges
- ASTM A182 Stainless Steel 304/304L Ring Joint Flanges
- SS DIN 1.4301 304/304L Threaded Flanges
- SS EN 304/304L WNRF Flanges
- Stainless Steel 304/304L SORF Flanges
- UNS S304/304L00 Weld Neck Flanges
- SUS 304/304L Socket Weld Flanges
- SS BS 304/304L Slip On Raise Face Flanges
- ASTM A240 SS 304/304L Blind Raise Face Flanges
- AISI SS 304/304L Lap Joint Flanges
- Steel 304/304L Orifice Flanges
- SS 304/304L SWRF Flanges
- Stainless Steel 304/304L BLRF Flanges