

# A105 Carbon Steel Flanges

These carbon steel flanges are made from A105 material. They are available in ANSI, EN, DIN, and GOST standards with a size range of DN15 to DN2000.



## Product Overview

### Industrial Grade Flanges

These high-quality industrial flanges are engineered for durability and precise sealing in demanding piping systems. Available in a comprehensive range of international standards including ANSI, EN, DIN, GOST, and JIS, they cater to diverse global infrastructure requirements. Constructed from premium carbon and stainless steel materials, these components feature specialized coatings for corrosion resistance and are packaged securely for safe international transit.

## ANSI Flanges

### ANSI Specifications

Attribute	Details
Standards	ANSI B16.5, ASME B16.47
Size Range	1/2" to 80" (DN15 to DN2000)
Pressure Ratings	150#, 300#, 600#, 900#, 1500#, 2500#
Designs	Welding neck, slip on, blind, socket welding, threaded, lap-joint

### Material Options

Carbon Steel A105, Stainless Steel 304/304L, Stainless Steel 316/316L

## EN Flanges

### EN 1092-1 Specifications

- Size Range: DN15 to DN2000
- Pressure Ratings: PN6, PN10, PN16, PN25, PN40, PN64, PN100
- Materials: C22.8, S235, S235JR, P235GH, 304/304L, 316/316L

## DIN Flanges

### DIN Design Types

Slip on (2573, 2576, 2502, 2503, 2543, 2545), Welding neck (2631, 2632, 2633, 2634, 2635), Blind (2527), Threaded (2565, 2566, 2567), Loose (2641, 2642, 2656, 2673)

## Logistics

### Packaging

Seaworthy Plywooden Case • Wooden Pallet

### Surface Coatings

- Black paint
- Yellow transparent paint
- Cold dip galvanize
- Hot dip galvanize
- Rust-proof oil