

SAE 37deg Flare Flange



37 Flare Flanges connection system

SAE J518 four-screw one-piece flange clamp connection

SAE 37 flare flange connection system

37° Flare Flange connection System is based on flaring the pipe ends to 37° and flare flange clamps and internal cones. O-ring face on 37 degree cone with o-ring seal, mating to flat face cone(counter flange head) .Both internal cones have back-up o-rings seal.

This flare flange connection is used in high and medium pressure applications, you will found in these industries such as shipbuilding and Offshore, Metals & Mining, Construction machinery. Flare flange system is also suitable for hydraulic, lubrication, hydro carbon, high pressure air, high pressure water cleaning lines etc piping systems.

37 flanged connector system is utilising this orbital tube forming technology for tubing assemblies from 38 to 140 mm outside diameter. It is intended for tube wall thicknesses up to 9 mm and pressure ratings up to 420 bar. This flange system corresponds to hole patterns according to ISO 6162 - 1; SAE J518; bore pattern 3000 (code 61), ISO 6162-2.

Advantage of Flare Flanges connection coupling

Instead of welding, no welder mistakes.

Save costs both time and money.

No welder staff with qualifications and experience.

No special cleaning

No fumes occur during flaring or assembly and there is no fire or explosion risk.

Types of SAE flare flange connections as follows:

Tube to Tube connection flare flange

Tube to port connection flare flange

