

Commercial and NAVSEA Flanges

Solid Copper Nickel Flanges, Classes 150, 250, 300 and 700



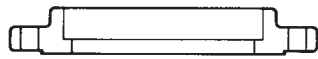
Weld Neck
DWG 810-1385992
DWG 810-1385861



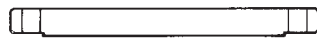
Weld Neck
ANSI B16.5



Slip-On
ANSI B16.5
DWG 810-4715319



Socket-Welding
ANSI B16.5
DWG 810-4715319



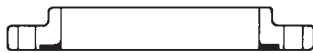
Blind
ANSI B16.5



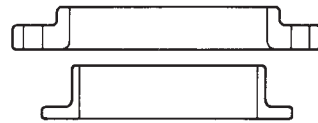
Silver-Brazing
DWG 810-1385947

- Solid 90-10 and 70-30 copper-nickel flanges are available in sizes 1/2" nominal and larger.
- Flanges can be supplied as slip-on, threaded, socket-welding, weld neck or blind.
- Silver-brazing flange ends comply dimensionally with MIL-F-1183 and can be finished as a face fed socket without a groove, or a grooved socket for use with a pre-inserted silver-brazing ring. Rings are ordered and supplied separately.
- Flanges may be ordered manufactured from material conforming to the requirements of MIL-C-24679 or ASTM B 171, alloys UNS C70600 (90-10) and UNS C71500 (70-30).

Special Copper-Nickel Flanges, Classes 150, 250, and 300



Overlay
ANSI B16.5



Composite
ANSI B16.5



Clad
ANSI B16.5

- These special flanges offer an economical alternative to the solid copper-nickel flanges listed above and are available in sizes 1/2" nominal and larger.
- Overlay slip-on flanges utilize a forged steel slip-on flange which is weld overlaid with copper-nickel material on the gasket and wetted surfaces.
- Composite flange sets are generally used instead of weld neck flanges when butt welding to a pipe or fitting is necessary but a loose backing flange is desired for ease of installation.
- Clad blind flanges utilize a forged steel blind flange which is clad with copper-nickel material on the wetted surfaces.

NOTE: Alaskan also stocks a complete line of MSS and ANSI style stainless steel flanges and can manufacture flanges to special dimensions, specifications and alloys.