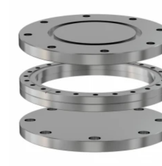
Bored and Blank Flange Manufacturer

Bored and blank vacuum flanges are required for forming connections in UHV vacuum systems and designs. As a preferred supplier of bored and blank vacuum flanges for OEMs and industrial and research end-users for 60 years, Nor-Cal Products, Inc dba Pfeiffer Vacuum Valves & Engineering has the solution that will meet your vacuum flange needs. Our bored and blank vacuum flange products are fabricated from 304 or 316L stainless steel. They are also available in aluminum to ensure that you have the highest quality flanges and a variety of options.



Click to enlarge

Bored and Blank Flange Manufacturer Features

- Clamped and bolt-style connections
- Clearance hole and tapped configurations
- Imperial and metric threads
- Stainless steel composition

ISO-KF (NW) Bored & Blank Flanges

Nor-Cal Products, Inc dba Pfeffer Vacuum Valves & Engineering's ISO-KF (NW) flanges ...

ISO-K Bored & Blank Flanges

Pfeiffer Vacuum Valves & Engineering's ISO flanges and hardware are manufactured to ...

ISO-F Bored & Blank Flanges

PV V&E's ISO flanges and hardware are manufactured to the International Standards ...

ConFlat (CF) Bored & Blank Flanges

Pfeiffer Vacuum Valves & Engineering's extensive catalog offerings of CF flanges range ...

ASA Bored & Blank Flanges

ASA male and female flanges are the foundation for a robust, simple rough, or high vacuum ...

EVAC Bored & Blank Flanges

EVAC-manufactured DN-63, 80, and 100 size tapered flanges complement the smaller ISO-KF (NW) ...

WireSeal Bored & Blank Flanges

Pfeiffer Vacuum Valves & Engineering's wire seal flanges are designed for bell jars, ...

Our product range includes blank flanges and bored weld rings in a variety of types, including ISO-KF (NW), ISO-K, ISO-F, CF (Conflat), ASA, EVAC, and WireSeal. Please browse our product offerings below or contact a Pfeiffer Vacuum Valves & Engineering representative so they can help find the best flange series products for your application.

Bored and Blank Vacuum Flange Products

ISO-KF (NW) Bored and Blank Flanges

Pfeiffer Vacuum Valves & Engineering's ISO-KF style bored and blank flanges are manufactured from 304 and 316L stainless steel and our aluminum ISO-KF (NW) flanges. ISO-KF style flanges feature both bored and blank designs and short and long weld necks and fit standard USA tube sizes from 3/8 to 2 inches.

ISO-K Bored and Blank Flanges

Our ISO-K flanges can mate with ISO flanges from other manufacturers. ISO-K flanges are bored and blank and are designed for use with single- or double-claw clamps.

ISO-F Bored and Blank Flanges

ISO-F bored & blank flanges couple together two ISO-F flanges or one ISO-K flange to an ISO-F flange. For increased corrosion resistance, ISO-F can be manufactured from 304 or 316L stainless steel.

ConFlat (CF) Flanges

We are fully stocked on CF flanges ranging in size from DN16 to DN350. PV V&E's ConFlat flanges provide optimal UHV sealing and offer rotatable and fixed configurations. ConFlat flanges can be customized for specialty applications.

ASA Bored and Blank Flanges

ASA bored & blank flanges are either flat (male) or O-ring grooved (female), depending on your requirement. PV V&E's ASA flanges are available for standard tube sizes from 2 to 12 inches and are compatible with standard 150 ANSI flanges.

EVAC Bored and Blank Flanges

PV V&E's DN-62, 80, and 100-size tapered flanges are manufactured in accordance with EVAC standards. EVAC bored & blank flanges are designed for use with EVAC CeFix seals.

Wire Seal Bored and Blank Flanges

Our wire seal flanges are available as blank flanges or bored weld rings for vacuum-tight connections with one male and female wire seal flange. Standard uses include bell jars, custom vacuum chambers, and related components.

Why Choose PV V&E?

Nor-Cal Products, Inc dba Pfeiffer Vacuum Valves & Engineering bored & blank flanges are perfect for use in high vacuum or UHV custom vacuum system designs or the fabrication of discrete vacuum fittings. Our strong in-house capabilities support the quality of our components and services in a variety of areas, including:

- Engineering Services and Design
- Logistics
- Manufacturing
- Quality Assurance
- Research and Development

High Quality Bored and Blank Vacuum Flange Manufacturer

Pfeiffer Vacuum Valves & Engineering's ISO-K Bored and Blank Vacuums utilize the highest quality materials and are fabricated under the most stringent fabrication, design, testing and inspection processes. PV V&E is a trusted manufacturer of Bored and Blank Vacuum Flange Manufacturer and additional high and ultra-high Vacuum Chambers, Vacuum Flanges and Fittings, Traps and Filters, Feedthroughs, and more. We take all the necessary quality control and inspection steps required to ensure that you receive high-performance vacuum components that meet your project demands. Our in-house manufacturing capabilities enable us to create custom components for several industries, including:

- Semiconductor Processing Equipment
- Electrochemical Research Systems
- Aerospace Components
- Medical Components
- Leak Detection Equipment and More