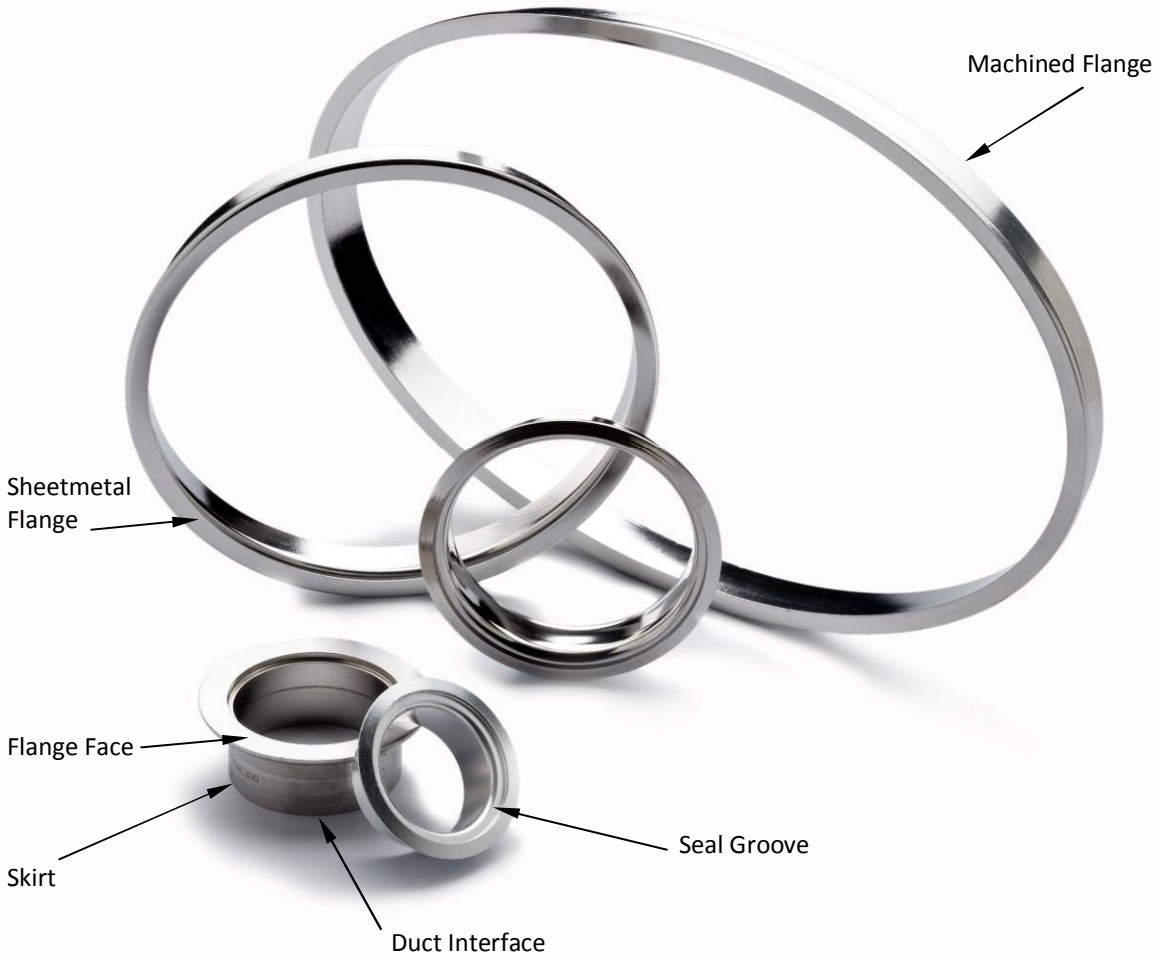


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**Flanges**

How Flanges Work	5-1
Applications	
Types	5-2
Joint Interface	5-3



Formed sheet metal flanges or machined configurations provide the accurate seal combinations on which National Utilities customers rely. Either is available in aluminum, steel, titanium and other metals, in many design combinations, to meet a variety of requirements.

## **[PAGE IN PROGRESS]**

### **How Flanges Work**

#### Applications

NUCO V-band couplings can be used with sheetmetal flanges, machined flanges manufactured by NUCO, or they can be applied to flanges cast or formed as an integral part of your product. We have complete production facilities with the finest modern equipment and tooling, with which we can supply a wide variety of formed and machined flanges for use with our V-band couplings. Only a few of the available configurations are shown in this section since most custom flanges are to exact customer design requirements.

#### Sheetmetal Flanges

NUCO hydraulically formed sheet metal flanges provide a lightweight, cost effective joint for air ducts. A gasket is not required with this flange because the seal is achieved by metal to metal contact of the machined flange faces. Sheetmetal flanges are available in standard tube from 1.00 through 10.00 inches.

Sheetmetal flanges are available in a variety of materials including aluminum, 300 series stainless steel, Inconel, and A-40 and A-55 commercially pure titanium.

#### Machined Flanges

As mentioned above, NUCO manufactures high performance machined flanges for almost any specific customer requirements. Shown are typical machined flanges.