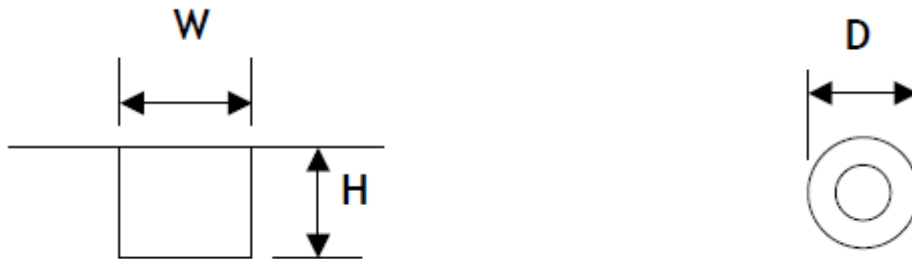


Groove Design for Circular Design Gaskets



Typical groove design for circular profile gaskets –

$$W = D - 0.1\text{mm}$$
$$H = D \times 0.83\text{mm}$$

Example

For a 3.00mm diameter circular profile section, the groove width (W) is 2.90mm and height (H) is 2.49mm. This will give 17% compression to the gasket.

Notes

The above calculation ensures that the gasket is lightly 'gripped' by the groove to hold it in place during assembly eliminating the need to use adhesives.

Where the gasket is used on a rectangular enclosure, the groove should have a radius of not less than twice the diameter of the gasket section.

For groove design on other profiles, please call 01376 550525 or e-mail us info@p-p-t.co.uk