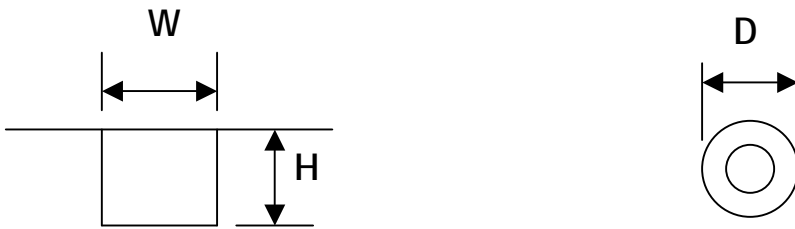


Groove design for Circular Profile Gaskets



Typical groove design for circular profile gaskets:

$$W = D - 0.1 \text{ (mm)}$$

$$H = D \times 0.83 \text{ (mm)}$$

Example

For a 3.0mm diameter circular profile section, the groove width (W) is 2.90 mm, height (H) is 2.49 mm. This will give a compression of 17% to the gasket.

The above calculation ensures that the gasket is lightly 'gripped' by the groove ensuring it is retained in place during assembly without 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 consult with our sales office or local representative.



P & P Technology Ltd
1 Finch Drive, Springwood
Braintree, Essex, CM7 2SF, UK
Tel: +44 (0) 1376 550525 Fax: +44 (0) 01376 552389
Email: info@p-p-t.co.uk Web: www.p-p-t.co.uk

