

Kammprofile Gasket



GA9500 Kammprofile gasket

Kammprofile/Camprofile gasket consists of a metal core with concentric grooves on both sides. A sealing layer is usually applied on both sides and depending on the service duty the material for the layers can be graphite, PTFE, or other soft materials. The non-metallic layers protect the flange surface from damage in addition to providing an excellent seal at low bolt stress.

GA9501 Kammprofile gasket basic style

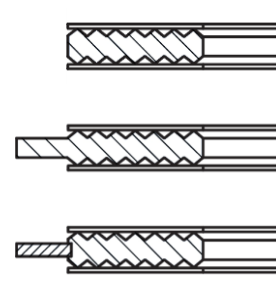
It is the basic gasket without centering ring.

GA9502 Kammprofile gasket with integral outer ring

Gasket with outer ring ensures optimum gasket positioning between the bolts.

GA9503 Kammprofile gasket with loose outer ring

Gasket with loose outer ring avoids possible damage caused by thermal shock conditions to gasket which is with integral outer ring.



Applications:

It is the preferred gasket when improved performance at low seating stresses is required, particularly suitable for applications where high temperatures, pressures and fluctuating conditions are encountered. It is the ideal replacement for problem applications associated with jacketed gaskets, for heat exchangers, vessels, reactors and various flange connections.

Materials:

Metallic core: carbon steel, SS304, SS304L, SS316, SS316L, etc.

Non-metallic layer: flexible graphite, PTFE, non-asbestos material, etc.

Service Limits:

Depending on the layer material, the gasket can resist temperature up to 700°C.

Maximum sealing pressure: >250bar.

Dimensions:

The gaskets can be manufactured in various shapes and sizes upon request.

Thickness of metallic core material: generally in 3mm but for gaskets with diameter above 1.5m it is suggested in 4mm.

Thickness of non-metallic layer material: generally in 0.5mm on each side.

Normal cam pitch: 1mm, groove depth: 0.4mm. Alternative profiles are available on request, e.g. cam pitch: 1.5mm, groove depth: 0.6mm.