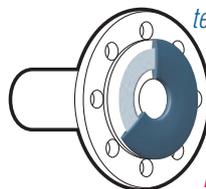




KLINGER® KGS/S Rubber-Metal-Gasket



Where safe sealing of water, air, acids, alkalines and hydrocarbons is required at low forces and low temperatures, KLINGER® KGS is an interesting solution.

Suitable for flanges made of plain steel, stainless steel, glassfibre reinforced plastic, PP, PVC, PE and for coated flanges.

KLINGER – Leading world wide in sealing technology

All additional data please see in the main KLINGER®KGS-leaflet with Technical Data. There you will find the sizes according to DIN/EN as well as the chemical resistance table of the various elastomers.

The available sizes you can find in your actual price list or please contact us.

Example for order:
Rubber-Metal-Gasket
KLINGER®KGS/S
made of NBR according to
DIN EN 1514-1,
Form IBC,
DN 100, PN 10-16

Material

NR natural rubber (SBR)

NBR nitrile rubber

EPDM ethylene-propylene rubber

CSM/ Hypalon chlorosulfonated polyethylene

FKM/ Viton fluorocarbon rubber

Basis

Vulcanized rubber mixture, lens-form with molded spear tip (cross-sections view) at the inner rim, rounded at the edges. This shape offers more safety against corrosion instead of an inner molded O-ring. Also very good applicable at flanges made of thermoplastic material. Vulcanized steel ring inside, therefore good reception of the surface load. Outer diameter self centering at the inner bolt circle.

Application field

at following flanges:
steel/stainless steel,
cast iron, GFK,
PP/PVC/PE,
coated flanges

Safe sealing of water, gas, air, acids, lyes and hydrocarbons with low sealing forces at temperatures up to 200° C, depending on the elastomer type. Very good sealing at flange unevenness, pipeline constructions for gas and water, at rubber coated or glass-lined flanges as well as for plastic apparatus due to the necessary low sealing forces.

Approvals

Material NBR:

DVGW-certification EN 682

Material EPDM:

EN 681-1, W 270, ACS, WRC, Ö-Norm

Dimensions

Dimensions in DIN EN 1514-1 (old DIN 2690) for pressure ratings from PN 6 to PN 40.

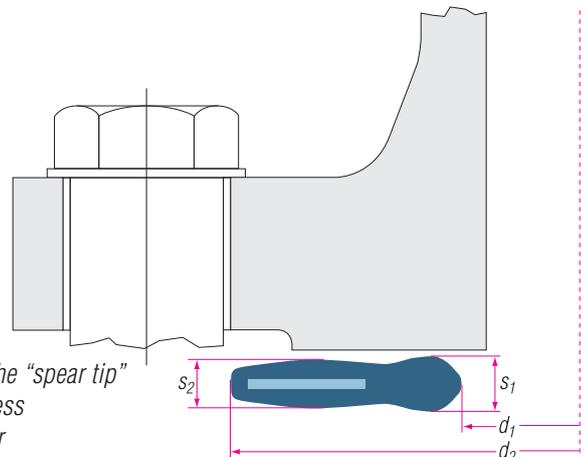
Kenntnisse

s_1 = thickness of the "spear tip"

s_2 = gasket thickness

d_1 = inner diameter

d_2 = outer diameter



**Certified according to
DIN EN ISO 9001:2008**
Technical changes reserved,
March 2012

KLINGER GmbH
Rich.-Klinger-Straße 37
D-65510 Idstein

Phone +49 (0) 6126 4016-0
Fax +49 (0) 6126 4016-11/-22
e-mail: mail@klinger.de
http://www.klinger.de