

# GROOVED GASKET WITHOUT CENTERING RING AND BOTH-SIDED PTFE LAYERS

6713KD01

The grooved stainless steel core [1.4571, pitch 1,0 mm] is covered on both sides with soft material layers made from PTFE [unsintered]. Grooved gaskets require low minimum sealing surface pressure, but can also resist very high loads.



Grooved gaskets impress by a high pressure application limit, low leakage rate and are therefore suitable for extreme operation conditions.

Grooved gaskets can be manufactured in small thicknesses so that they can be used also in tongue and groove connections in the range of common groove depths.

Other core materials available on request.

## Operating data

Temperatur [min]	-269 °C
Temperatur [max]	260 °C
Pressure [max]	400 bar

## Gasket characteristics EN 13555

Gasket Parameters 5 mm [Amtec]

[https://idt-gaskets.com/download/dichtungskennwerte/28C8\\_348](https://idt-gaskets.com/download/dichtungskennwerte/28C8_348)

## Gasket characteristics DIN 2505 V

$K_0 \times K_d$ [N/mm]	$15 \times b_d$
$k_1$ [mm]	$1,1 \times b_d$

## Gasket characteristics DIN 28090

$\sigma_{V0}$ [N/mm <sup>2</sup> ]	500
$\sigma_{VU 0,1}$ [N/mm <sup>2</sup> ]	15
$m$ [DIN 28090]	1.1
$\sigma_{B0 200 °C}$ [N/mm <sup>2</sup> ]	450

This datasheet on the internet: <https://idt-gaskets.com/products/gaskets/61f7e4a53ebfa8add>

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## Gasket characteristics ASME

m [ASME]	2.25
Y [PSI]	2200

## Approvals and test reports

TA Luft 2002 [VDI 24A0/2200]

DIN EN13555 [TA Luft 2021]

Drinking Water [KTW; WRAS]

WRAS

W270

## Flange shapes

Tongue and Groove [form TG]

Male-Female [form SR]

Apparatus, customized

With partition bars