

# GROOVED GASKET WITH INTEGRAL CENTERING RING, PRE-DETERMINED BREAKING POINT AND BOTH-SIDED PTFE LAYERS

6713KD20

The grooved stainless steel core [1.4571, pitch 1,0 mm] is covered on both sides with soft material layers made from PTFE [unsintered]. The integral centering ring [machined] is additionally provided with a pre-determined breaking point, which prevents vibration breaks in the sealing area.



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.

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]	$15 \times b_d$
k1 [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/61f7e4a4888518599>

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## Gasket characteristics ASME

m [ASME]	2.5
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

Self-centering, Raised Face [form IBC]