

# GROOVED GASKET WITH LOOSE CENTERING RING [NON-INTEGRAL] AND BOTH-SIDED PTFE LAYERS

6713KD30

The grooved stainless steel core [1.4571, pitch 1,0 mm] is covered on both sides with soft material layers made from PTFE [unsintered] and provided with a loose centering ring [non-integral, half-shells, spot-welded], 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

## Gasket characteristics ASME

m [ASME]	3
Y [PSI]	2200

This datasheet on the internet: <https://idt-gaskets.com/products/gaskets/61f7e4a4dbf8e1094>

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## Approvals and test reports

TA Luft 2002 [VDI 24A0/2200]

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DIN EN13555 [TA Luft 2021]

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Drinking Water [KTW; WRAS]

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WRAS

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W270

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## Flange shapes

Self-centering, Raised Face [form IBC]

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Further sealing systems and technical information can be found [idt-gaskets.com](https://www.idt-gaskets.com)

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