

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

## 6737KD20

The grooved stainless steel core [1.4828, pitch 1,0 mm] is covered on both sides with pure silver layers. The integral centering ring [machined] is additionally provided with a pre-determined breaking point, which prevents vibration breaks in the sealing area.

The combination of a high-temperature-resistant stainless steel core with silver layers enables temperature/pressure applications beyond the range of use of conventional soft sealing materials.



### Operating data

Temperatur [min]	-269 °C
Temperatur [max]	600 °C
Pressure [max]	80 bar

### Gasket characteristics EN 13555

Gasket Parameters 5 mm [Amtec]

[https://idt-gaskets.com/download/dichtungskennwerte/28C8\\_294](https://idt-gaskets.com/download/dichtungskennwerte/28C8_294)

### Gasket characteristics DIN 2505 V

$K_0 \times K_d$ [N/mm]	$100 \times b_d$
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> ]	100
m [DIN 28090]	1.1
$\sigma_{B0 300 \text{ °C}}$ [N/mm <sup>2</sup> ]	420

### Gasket characteristics ASME

m [ASME]	4.25
Y [PSI]	10000

### Flange shapes

Self-centering, Raised Face [form IBC]

This datasheet on the internet: <https://idt-gaskets.com/products/gaskets/649add7f450ff7879>

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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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