

GROOVED GASKET [CONVEX-SHAPED PROFILE] WITH LOOSE CENTERING RING AND GRAPHITE LAYERS ON BOTH SIDES

6711KD34

The convex-shaped grooved stainless steel core [1.4571/ pitch 1.0 mm] is covered on both sides with soft material layers made of expanded pure graphite and fitted with a loose centering ring [half shells, spot-welded], which ensures centering on the flange bolts and prevents vibration fractures in the sealing area.



Serrated Gaskets require low minimum surface pressures and can be used for very high surface pressures. Serrated Gaskets are characterized by a high pressure application limit and a low leakage rate and are suitable for the most extreme operating conditions.

Other core materials available on request.

Operating data

Temperatur	450 °C
Temperatur [min]	-269 °C
Temperatur [max]	550 °C
Pressure [max]	400 bar

Gasket characteristics EN 13555

Gasket Parameters 5 mm [Amtec]

https://idt-gaskets.com/download/dichtungskennwerte/28C8_282

Gasket characteristics DIN 28090

σ_{V0} [N/mm ²]	500
$\sigma_{VU 0,1}$ [N/mm ²]	15
m [DIN 28090]	1.1

Gasket characteristics ASME

m [ASME]	2.5
Y [PSI]	2200

This datasheet on the internet: <https://idt-gaskets.com/products/gaskets/q67ef8c971fe506dc>

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Approvals and test reports

DIN EN13555 (TA Luft 2021)

Blow-out resistance

Gas [DIN 3535-6]

WRAS

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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