



Type Ball Joint



Customized Swivel Joints



Center Flange Swivel Joints

High Temperature Swivel Joints

Design According to Customers Requirements

Know how & consulting directly from manufacturer with decades of experience

That's why you choose... The logo for IGATEC International features the word 'IGATEC' in a large, bold, grey sans-serif font. Above the 'TEC' part, the word 'International' is written in a smaller, blue sans-serif font. A horizontal blue line runs through the middle of the 'IGATEC' text, extending to the right.

- **Radial gaskets**
Allow a maximum of feasible sealing materials and longer lifetime compared to axial gaskets
- **DUPLEX, SUPERDUPLEX, HASTELLOY, ALUMINIUM...**
We machine all compatible materials
- **ASME, NACE, NORSOK, DIN...**
We manufacture according to all required guidelines and directives
- **Customized connections**
- **IGATEC Swivel Joints**
Made of carbon steel (e.g. St52-3, ...) are nitrided to reach maximized hardness of surface and optimized corrosion protection at the same time
- **Certifications**
TA-Luft
VdS
ISO 9001:2008

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Swivel Joint Type Ball Joint

Dimensions:

Nominal diameter	DN50 / 2" up to DN500 / 20" [larger on request]
Working pressure P _{max}	16 bar / 232 psi *
Working temp. T _{min/max}	up to 150°C / 302°F *
Swiveling angle	+/- 15°
Material	According to customers spec.
Gasket material	According to customers spec.
Ball material	Stainless steel
Connections	According to customers spec.
Style	10, 11, 12, 20, 21, 22, 30, 31
Application	Universal

* P_{max} and T_{max} may not occur at the same time

Technical Features:

Design	Customized
No. of ball races	No
Fluid	According to customers spec.
Type of sealing	Radial
External dust seal	No
Secondary seal	No
Body	Three-parts
Connection for leakage control	No
Without grease nipple	Yes
Maximum speed	Depends on sealing material

Further Advantages:

	Multidimensional swiveling
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Special Design

Completive to the standard range IGATEC is tailoring Swivel Joints according to customers' requirements.

Technical solutions are drafted and realized in close cooperation with the customer.

3D-CAD-System Inventor enables IGATEC to design 3D-Prototypes of parts, to simulate movements and avoid collisions in front end of production.

