



Metals

Overview of the used stainless steels at **LUDECKE**

In applications with specific hygienic standards or in lines with aggressive liquids, premium couplings and fittings are required. These products allow a safe and reliable process within the connected system machinery or tool. To meet the necessary requirements and to guarantee a long service life, couplings and fittings made of stainless steel are recommended.

	Stainless Steel 1.4105	Stainless Steel 1.4305	Stainless Steel 1.4307
Material	Stainless Steel 1.4105	Stainless Steel 1.4305	Stainless Steel 1.4307
Specification	Ferritic steels according to DIN EN 10088-3	Austenitic steels according to DIN EN 10088-3	Austenitic steels according to DIN EN 10088-3
Description	<ul style="list-style-type: none"> • Excellent machinability • Bad weldability • High magnetic properties 	<ul style="list-style-type: none"> • Excellent machinability • Bad weldability 	<ul style="list-style-type: none"> • Good machinability • Excellent weldability • Suitable for cryogenic applications
Pressure resistance	430 - 630 N/mm ²	500 - 750 N/mm ²	500 - 700 N/mm ²
Industries			



Stainless Steel 1.4401

Austenitic steels according to
DIN EN 10088-2

- Very good cold formability
- Excellent weldability

530-680 N/mm²

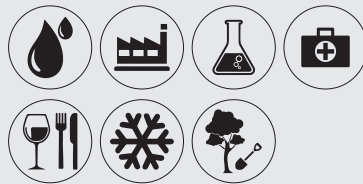


Stainless Steel 1.4404

Austenitic steels according to
DIN EN 10088-3

- Excellent weldability
- Suitable for cryogenic applications

500 - 700 N/mm²



Stainless Steel 1.4571

Austenitic steels according to
DIN EN 10088-2

- Temperature resistant
- Excellent weldability
- Bad machinability

500 - 700 N/mm²

