







# Materials

## Stainless Steel

For applications with specific hygiene standards or in lines carrying aggressive media, top-quality couplings and fittings are required that connect/disconnect media-carrying lines to tools, machines and equipment in a safe and reliable way. To meet the necessary demands and to guarantee a high durability, **LUDECKE** offers couplings and fittings made of stainless steel.

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



### Stainless Steel 1.4401

Austenitic steels according to DIN EN 10088-3

- Very good cold formability
- Excellent weldability
- Suitable for cryogenic applications

500 - 700 N/mm<sup>2</sup>

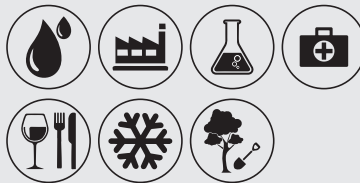


### Stainless Steel 1.4404

Austenitic steels according to DIN EN 10088-3

- Excellent weldability
- Suitable for cryogenic applications

500 - 700 N/mm<sup>2</sup>



### Stainless Steel 1.4571

Austenitic steels according to DIN EN 10088-3

- Suitable for cryogenic applications
- Excellent weldability
- Bad machinability

500 - 700 N/mm<sup>2</sup>

