

## Stainless steel grades and applications

Type of ss	Corrosion resistance	Composition	Magnetic	Resistant to cleaning chemicals	Applications
316	high	<ul style="list-style-type: none"> <li>• 16% chrome</li> <li>• 10% nickel</li> <li>• 2% molybdenum</li> </ul>	no	yes	Marine grade Outdoor applications
304	medium	<ul style="list-style-type: none"> <li>• 18% chrome</li> <li>• 8% nickel</li> <li>• sulfur</li> </ul>	no	yes	Outdoor applications with dry conditions Indoor applications with humidity
303	medium	<ul style="list-style-type: none"> <li>• 18% chrome</li> <li>• 8% nickel</li> </ul>	no	yes	Indoor applications with humidity
202	fair	<ul style="list-style-type: none"> <li>• 16% chrome</li> <li>• 4% nickel</li> <li>• 6% manganese</li> </ul>	yes	no	Indoor applications with low humidity
201	fair	<ul style="list-style-type: none"> <li>• 16% chrome</li> <li>• 1% nickel</li> <li>• 6% manganese</li> </ul>	yes	no	Indoor applications with low humidity
430	low	<ul style="list-style-type: none"> <li>• 16% chrome</li> <li>• 1% manganese</li> <li>• sulfur</li> </ul>	yes	no	Indoor applications with dry conditions