

## 1.4429 (X2CrNiMoN17-13-3)

1.4429 (X2CrNiMoN17-13-3) directly from stock & cut to your required dimensions!

**International term:**

AISI 316LN / AFNOR Z3CND17-12Az / SIS2375 / SS2375

**Application field:**

1.4429 is a stainless austenitic chromium-nickel-molybdenum steel with nitrogen addition. It is used in the pharmaceutical industry, in the chemical industry and in the petrochemical industry.

**Characteristics**

This material has very good corrosion resistance, good mechanical properties and is weldable.

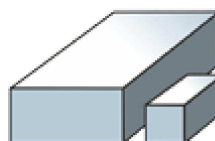
**Chemical composition:**

1.4429 X2CrNiMoN17-13-3	C	Si	Mn	P	S	Cr	Mo	Ni	V
min.						16,5	2,0	11	
max.	0,03	1,0	2,0	0,045	0,02	18,5	3,0	14	

1.4429 X2CrNiMoN17-13-3	Al	Cu	N	Nb	Ti	Sonstiges
min.			0,12			
max.			0,22			

**From stock:**

flat, forged, pre-machined



**Benefit of sawn cuts:**

The processing with the saw is a mechanical processing of the material, which results in a significantly lower unintended deformation and increased hardness for the existing structure, such as the thermal cutting.

Thus, the machined workpiece has a homogeneous structure even at the edge, which does not change in the continuation of the material. This circumstance allows immediate finishing of the workpiece with milling or drilling . So it is not necessary to anneal the material or make a similar operation beforehand.

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