

## DELIVERY CONDITION

Annealed.

## PROPERTIES AND MOST COMMON APPLICATIONS

Austenitic stainless steel alloyed with chromium and nickel.

Resistant to high temperatures. High resistance to corrosion. It is non-magnetic and weldable.

The most common applications are for pieces resistant to corrosive agents such as valves, shafts, pump bodies and parts for the chemical, textile and food industries.

## DIMENSIONS IN STOCK MM.



4 - 50

## APPLICABLE STANDARD

EN 10088-1

## CHEMICAL COMPOSITION

	C	Mn	Si	P	S	Cr	Ni	Others
MIN						17,00	8,00	N. max 0,11
MAX	0,07	2,00	1,00	0,045	0,030	19,50	10,50	

## MECHANICAL PROPERTIES

Mechanical properties at room temperature in annealed condition.

Dimensions	Re (N/mm <sup>2</sup> )	Rm (N/mm <sup>2</sup> )		Hardness (HB)	A (%)	KV (J)
mm.	min.	min.	max.	max.	min.	min.
≤ 160	190	500	700	215	45	100

## APPROXIMATE EQUIVALENT STANDARDS

EN	DIN	Nº STAND	UNE	STAS	AFNOR	BS	UNI	AISI/SAE	GOST
X5CrNi18-10	X5CrNi18-9	1.4301	F3504		Z5CN18-09	304S31	X5CrNi18-10	304	08X18H10

## COLOUR CODE

