

DELIVERY CONDITION

Annealed.

PROPERTIES AND MOST COMMON APPLICATIONS

Austenitic stainless steel alloyed with chromium, nickel and molybdenum.

Resistant to high temperatures.

Resistance to corrosion higher than that of AISI304. It is non-magnetic and weldable.

Its most common applications are for the manufacturing of parts for the food, chemical, textile and paper industries and refineries.

DIMENSIONS IN STOCK MM.



6 - 50

APPLICABLE STANDARD

EN 10088-1

CHEMICAL COMPOSITION

	C	Mn	Si	P	S	Cr	Mo	Ni	Others
MIN						16,50	2,00	10,00	N. max 0,11
MAX	0,07	2,00	1,00	0,045	0,030	18,50	2,50	13,00	

MECHANICAL PROPERTIES

Mechanical properties at room temperature in annealed condition.

Dimensions	Re (N/mm ²)	Rm (N/mm ²)	Durezza (HB)	A (%)	KV (J)
mm.	min.	min. max.	max.	min.	min.
≤ 160	200	500 700	215	40	100

APPROXIMATE EQUIVALENT STANDARDS

EN	DIN	Nº STAND	UNE	STAS	AFNOR	BS	UNI	AISI/SAE	GOST
XCrNiMo17-12-2	X5CrNiMo18-10	1.4401	F3534		Z6CND17-11-02FF	316S31	X5CrNiMo17-12	316	08X16H11M3

COLOUR CODE

