

Features



Alloy free-cutting with any team. Getting very good grades of finish. High mechanical properties.

Routine use

Alloy very rewarding for decoletage indicated in the manufacture of parts requiring high mechanical machining easy, screws, threaded rods, bushings, washers, machined, cylinders, pistons, etc. .

Possibilities of application and use

	CRITERIA	T3/T6
CORROSION	Resistance to normal atmosphere	Medium
	Resistance industrial atmosphere	Medium
ELECTRICAL COND.	Electrical conductivity	Medium
	Polishing	Medium
SUP. TREATMENT	Industrial anodizing	Good
	Decorative anodizing	Poor
CONFORMED		-
		-
		-
	Forged	Not Used
ASSEMBLY	Machining	Excellent
	Welding under protective atmosphere	Bad
	Resistance welding	Medium

Chemical composition

ELEMENTS Si Fe Cu Mn Mg Cr Ni Zn Ti Bi Pb Al OTHER

MINIMUM	-	-	5.0	-	-	-	-	-	-	0.2	0.2	-	-
MAXIMUM	0.4	0.7	6.0	-	-	-	-	0.3	-	0.6	0.6	REST	-

% weight

Mechanical features

METALLURGICAL STATUS	Rp 0.2 (MPa)	Rm (MPa)	A50 (%)	Hardness HB
T3 (calibrated)	270	320	10	90
T6	230	310	8	110