



## FEATURES

Extrusion alloys used for profiles. Very good resistance welding and the atmosphere.

## ROUTINE USE

All types of profiles for architecture, furniture, structures, housings for electric motors, special systems for machines, etc..

## POSSIBILITIES OF APPLICATION AND USE

	CRITERIA	T-5
CORROSION	Resistance to normal atmosphere	Excellent
	Resistance industrial atmosphere	Good
ELECTRICAL COND.	Electrical conductivity	Good
	Polishing	Excellent
SUP.TREATMENT	Industrial anodizing	Excellent
	Decorative anodizing	Good
	Hot folded	Excellent
	Cold folded	Medium
CONFORMED	Inlaid/repulsed	Not Used
	Forged	Not Used
	Machining	Regular
ASSEMBLY	Welding under protective atmosphere	Excellent
	Resistance welding	Excellent

## CHEMICAL COMPOSITION

ELEMENTS	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Al	OTHER
MINIMUM	0.30	0.10	-	-	0.40	-	-	-	-	-	-
MAXIMUM	0.60	0.30	0.10	0.30	0.60	0.05	-	0.15	0.20	REST	-

% weight

## MECHANICAL FEATURES

METALLURGICAL STATUS	Rp 0.2 (MPa)	Rm (MPa)	A50 (%)	Hardness HB
6063-T5	175	215	14	60

### Forms

Flats, round tubes, square tubes, rods, angles, shapes of regular shapes (T, double T, U)