



## FEATURES

Is the name of the new cast precision plates, characterized by their excellent dimensional stability. The low level of internal residual stress significantly reduces the effects of deformation of the material during machining.

## ROUTINE USE

The applications would emphasize the use of patterns and models, checking fixtures and gauges.

## POSSIBILITIES OF APPLICATION AND USE

	CRITERIA	03
CORROSION	Resistance to normal atmosphere	Excellent
	Resistance industrial atmosphere	Excellent
ELECTRICAL COND.	Electrical conductivity	Medium
SUP. TREATMENT	Polishing	Not Used
	Industrial anodizing	Good
	Decorative anodizing	Inappropriate
	Hot folded	Excellent
CONFORMED	Cold folded	Excellent
	Inlaid/repulsed	Good
	Forged	Not Used
	Machining	Good

ASSEMBLY	Welding under protective atmosphere	Excellent
	Resistance welding	Good

## CHEMICAL COMPOSITION

ELEMENTS	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Al	OTHER
MINIMUM	-	-	-	0.40	4.00	0.05	-	-	-	-	-
MAXIMUM	0.40	0.40	0.10	1.00	4.90	0.25	0.50	0.25	0.15	REST	-

% w

## MECHANICAL FEATURES

METALLURGICAL STATUS	Rp 0.2 (MPa)	Rm (MPa)	A50 (%)	Hardness HB
03	115	235	9.5	70

Thickness (mm)	Thickness tolerance	Longitudinal and transversal fullness	Roughness
6.0-15mm	+ / - 0.1 mm	Max. 0.35 mm / m	Max. 0.40 or
15.1 to 120 mm	+ / - 0.1 mm	Max. 0.15 mm / m	Max. 0.40 or