

KS (spin casting alloy)

Technical Datasheet

Uses

This alloy is ideal for the production of strong decorative components by spin casting.

Characteristics

Chemical composition Guaranteed analysis (in %)	KS ZnAl4Cu3Mg0.5
Al	3.8 - 4.2
Cu	2.5 - 3.5
Mg	0.4 - 0.6
Pb	≤ 0.003
Fe	≤ 0.020
Cd	≤ 0.003
Sn	≤ 0.001
Physical data	KS
Density (kg/m ³ at 20 °C)	6.6
Solidification range (°C)	370 - 380
Shrinkage in ‰	6 - 10
Lin. thermal expansion (coef./°C)	28.0 x 10 ⁻⁶

Package

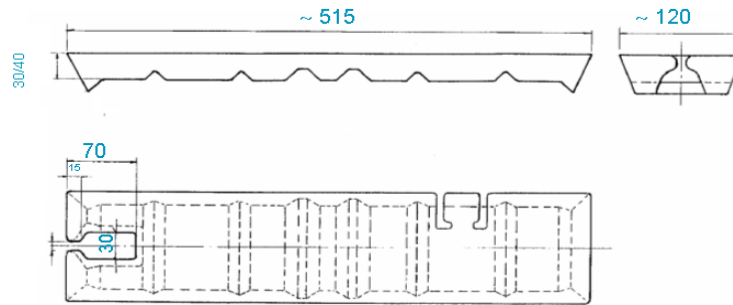
Trademark	OVERCOR
Ingot weight Ingots per bundle Packing/Weight Feet/pallet	8.3 kg 72 + 4 strapped bundles of about 650 kg zinc alloy feet

KS (spin casting alloy)

Technical Datasheet

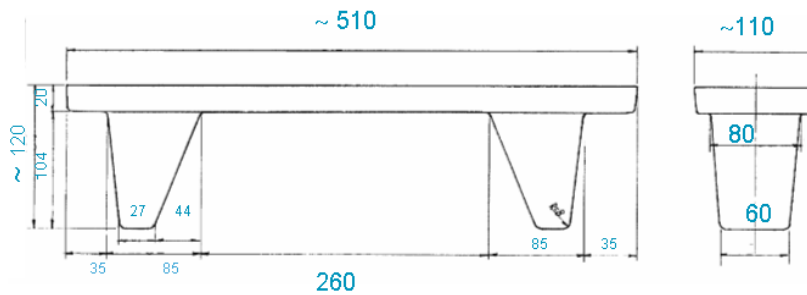
Slab (72 slabs per bundle)
Zamak OVERCOR

Nominal mass 8.3 kg
Dimensions 515 x 120 x 40



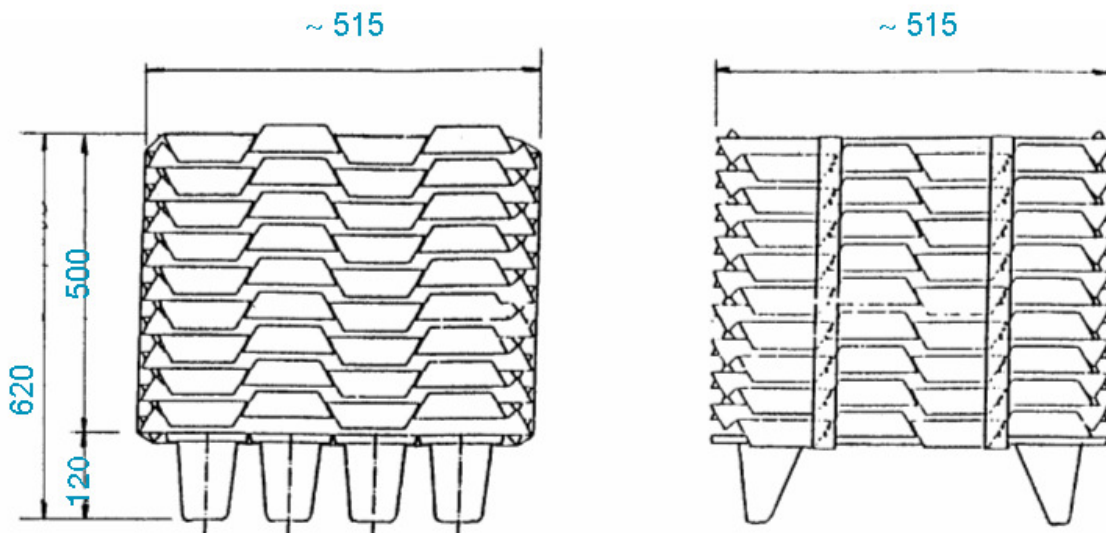
Foot (4 per bundle)
Zamak OVERCOR

Nominal mass 13.6 kg
Dimensions 510 x 110 x 120



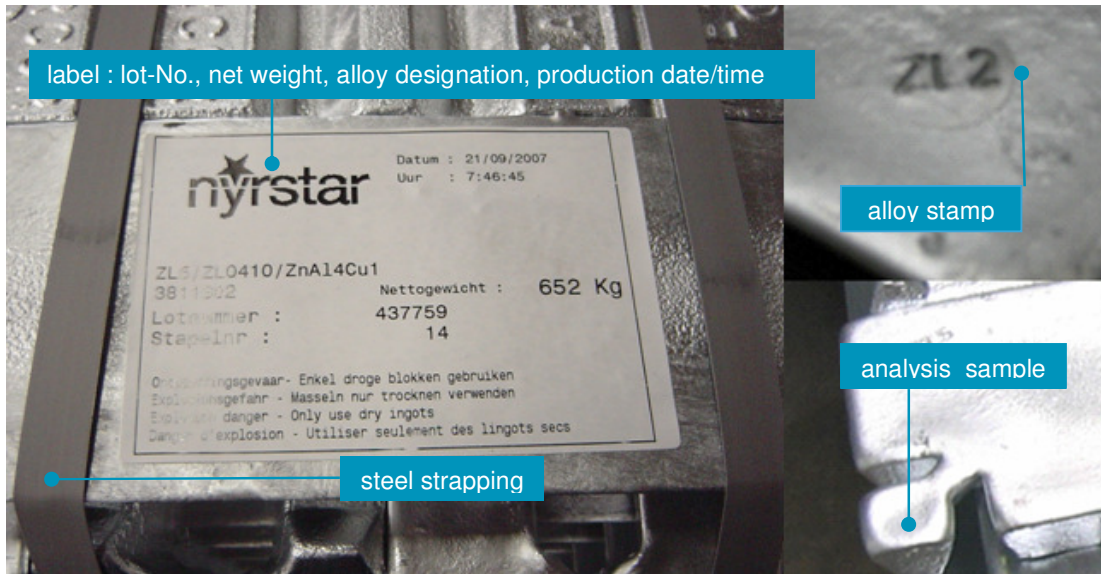
Slab bundle (72 slabs +4 feet per bundle)
Zamak Overcor

Nominal mass 650 kg
Dimensions 515 x 515 x 620



KS (spin casting alloy) Technical Datasheet

Label, ingot marking and analysis sample



Ingot and bundle reference : Overcor ®

