



COMMON ALLOYS

In order to provide the best service to our customers, **JULCAR** offers a **wide range of alloys** with different mechanical characteristics that match with their needs.

ALUMINIUM: ZAMAK:

- | | |
|---------------|---------|
| • AB43400 | • ZL-2 |
| • AB43500 | • ZL-3 |
| • AB44100 | • ZL-5 |
| • AB44300 | • ZL-8 |
| • AB46000 | • ZL-27 |
| • AB46100 | |
| • AB46500 | |
| • AB47100 | |
| • Silafont 36 | |

SECTORS

JULCAR develops its activity mainly in the following sectors:

- Automotive (85%)
- Own door and window hardware (12%)
- Hydraulics
- Electricity
- Agricultural
- Home appliances
- Others

JULCAR always offers an optimal service to its clients, from the development of the part to its serial production.

CERTIFICATIONS

True to the commitment of quality, to the continuous improvement of our processes and to the satisfaction of our customers, we work under the following Quality and Environmental management systems:
ISO 9001, IATF 16949 e ISO 14001.



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FUNDICIONES



ALUMINIUM AND ZAMAK HIGH PRESSURE DIE CASTING

Leader in our sector

NOWADAYS

FUNDICIONES JULCAR, certified IATF 16949, ISO 9001 & ISO 14001, located in Burgos (Spain) since 1981, is a leading company in:

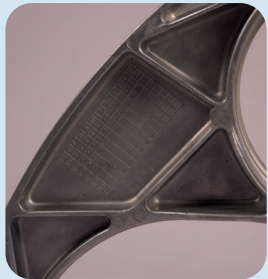
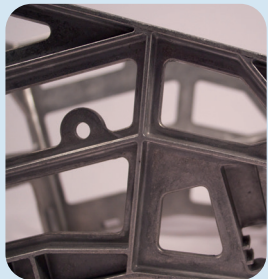
- **Aluminium and zamak high pressure die casting**
- **Weight parts: From 10 g up to 2.5 kg**
- **Series: Medium - Large**
(from 30.000 pieces to 800.000 / year)



- Our strengths:
- **Our qualified and committed human team**
 - **Our know-how**
 - **Our flexibility**
 - **Our pro-activity**

As a result of the experience acquired over the years and the constant investments made, JULCAR bases its business on continuous improvements to respond to the strict demands of the market.

Our commitment is to guarantee within the agreed lead-time a high quality part at a competitive price.



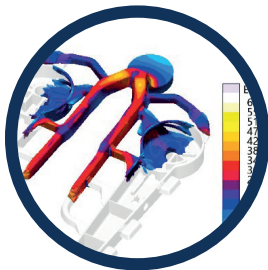
FULL SERVICE

Our main objective is the total satisfaction of our customers. Therefore, we provide a comprehensive response to their needs:

Services	Internal process	External process
MOLD FLOW SIMULATION		X
TECHNICAL SUPPORT	X	
TOOL MANUFACTURING: <ul style="list-style-type: none">• Mold• Trimming cut		X
INJECTION	X	
SURFACE FINISHING: <ul style="list-style-type: none">• Vibrating• Shot-blasting	X	X
MACHINING	X	X
ASSEMBLY	X	X
SURFACE TREATMENT: <ul style="list-style-type: none">• Painting• Cataphoresis• Chrome plating• Zinc plating, etc		X

We also provide our customers with prototype parts by manufacturing a prototype mold or through specialized companies.

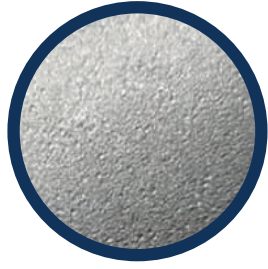
JULCAR always collaborates with qualified and trustworthy suppliers that guarantee us the best results.



Simulation



Part vibrated



Part shot blasting



Assembly



Treatment

PRODUCTIVE MEANS

JULCAR has a modern machinery park with automated production lines with a built area of 5.500 m²

- **ALUMINUM machines: From 160T to 1250T**
- **ZAMAK machines: From 80T to 220T**
- Shot-blasting machine
- Vibrating machines + Dryers in drum
- Vibrating / drying machine in belt conveyor
- Drills machines
- Threading machines



QUALITY MEANS

To guarantee that the processes carried out comply with the requirements of our clients, our quality department has the following means:

- **3D machine with ball probe and / or scan.**
- **Spectrometer**
- **X ray machine**
- Traction - breaking machine
- Dynamometer
- Roughness tester
- Thickness gauge
- Profile projector
- Poka Yoke
- Control gauges
- Go - No Go
- Calipers, etc

We also work with approved external laboratories to carry out specific tests.

