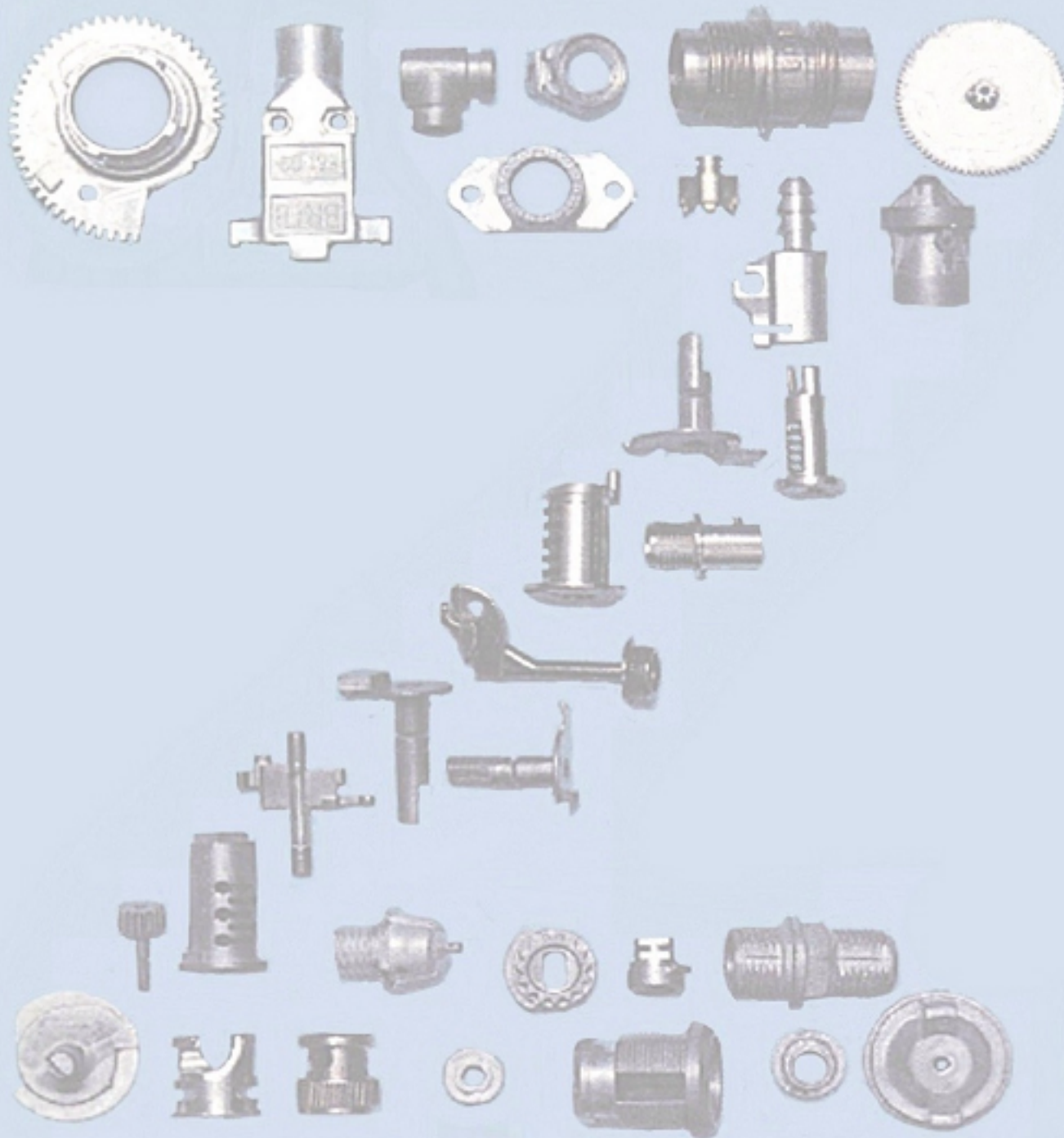




Zamacast



-High Performance Microdiecast Components-



Z A M A C A S T I N G

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ZAMACAST – The Company

Born in 1985, ZAMACAST operates in the die-cast of zinc alloys (zamak) of small dimensions, to a maximum weight of 80 gr. and a precision of 0,01 mm. It uses a proprietary technology at 4 independent slides machine and standard moulds as Dynacast or Techmire standards.

With a range of 18 machines, the production capacity is more than 500.000 shots per day.

Certified ISO 9000, the Company operates for it's customers in the automotive field following QS 9000 or ISO-TS 16949 standards.

The development of the machines and the equipments (moulds) are made internally through CAD 3D FEM. The know-how, brought out from 18 years of research and development, is the base of the success of the Company, Italian leader in it's segment of the market.

The plant, of recent building, is developed over a covered area of over 2000 m². The tool-room and the test-room are equipped with modern CNC and fuzzy logic machines, that guarantee moulds of excellent quality and accurate checks.

ZAMAK DIECASTING

Die-casting is the quicker and more practical way to have a finished product from raw metal. Zamak allows to obtain, at low costs, complex shapes with details of great precision, very thin walls and external threading, assuring constant quality both in small and big series. Zinc leagues die-cast (Zama) are used with success in various fields such as:

Automotive and transport

Looks, windshield wipers, mirrors, set regulation, pre-tensional, seat belt, carburettors, fuel injection, gears.

Consumer electronic

Thermostats, timers, coffee machines, electronic thermometers, electrical razors, video-recorders, cd/dvd, gas kitchens, staplers.

Furniture hardware

Joints, shelf supports, handles, hinges, level adjuster, looks, keys.

Electronic and telecommunications

connectors, antennas, switch, optical fibres, potentiometers, rails for hard-disk, heat sinks, EMI shielding.

Hydraulic and pneumatic

Valves bodies, quick couplings, spools, connections, pump, cylinders.

Buildings and windows

Looking systems, joints for aluminium frames, gears, motors for blinds and shutters, cancels automation, lighting.

Electricity

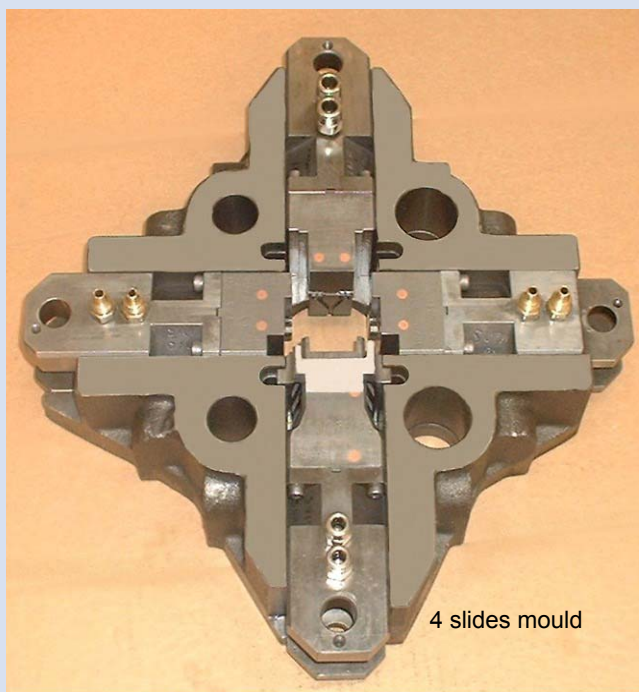
Switches, plaques, projectors, special screws, micro-motors, gears, relays, structural parts for enclosures and households.

Fashion

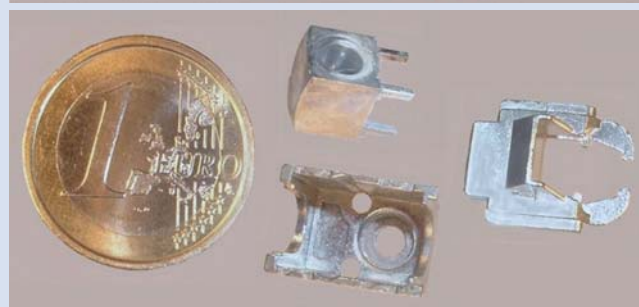
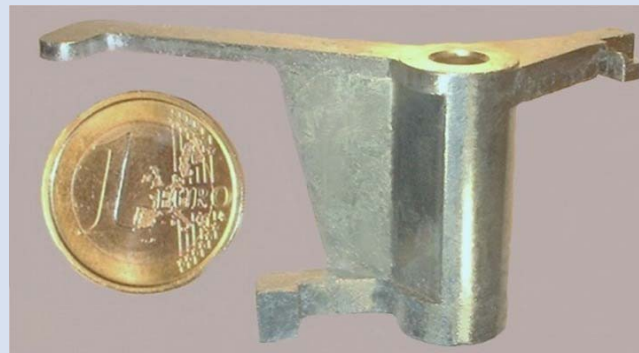
Buckles, zips, accessories, buttons, glasses, pins and logos.

Varies

Lighters, pumps for fuel, valves for gas, gadgets, pens, toys.



4 slides mould



ZAMACAST'S TECHNOLOGY AT 4 INDEPENDENT SLIDES OFFERS THE FOLLOWING BENEFITS:

Speed: die-casting machines are pneumatic and completely automatic. They produce at high speed, (up to 50 cycles per minute) and this allows great production volumes in short time.

Precision: Moulds are smaller than traditional one, they can be worked with much accuracy and precision and their maintenance is simpler and more efficient.

Repeatability: quicker production makes possible the construction of moulds with a smaller number of cavities, keeping prices competitive. This reduces consistently the dimensional variation.

Freedom of project: our own four independent slides technology allow complex shapes without building expensive moulds. Moreover, in many cases, it's possible to eject the parts without any mark of pin ejectors.

Flexibility: the machines used to produce are designed and built internally. This allows specific solutions to particular needs; not only the mould, but also the machine can be built in function of the final product to be realised.

Economically: the above mentioned characteristics brings to an economic benefits for the Customer, both for the reduction of the cost and the increase of the product performance.

WHY ZAMACAST

ZAMACAST customer can rely on a great experience and knowledge which will follow him constantly from the developing of the product, taking care in all the phase of the work, from planning and prototyping and execution of equipment, to the optimising of the finished product, that guarantee constant Quality in time. Our engineering and commercial office is at your complete disposal for any further details, feel free to ask for specific documentation such as case histories, standards and specifications. We will be happy to give you help in planning, quote components that you wish show us or analyse your product to create a plan to reduce your costs of purchasing and production.