

Precision Zinc Die Casting

Titus⁺



Experts in Multi-Slide Die Casting

- Precision component engineering
- Custom die casting service
- 'Combi' insert die casting technology
- Complex form castings

Precision Zinc Die Casting

Custom die casting

- Tailored to individual customer requirements
- Complex geometry parts with thin walls
- Accuracy and tight tolerances



- High structural strength



- Surface finish according to customer needs
- From standard vibratory finishing to high gloss polishing surface



Complete range of post-casting operations

- Finishing - Mass vibro, sandblasting
- Machining – Tapping, forming, drilling
- Surface treatment – passivation, nickel, tin, chrome
- Packing – bulk, boxing, bagging, blisters

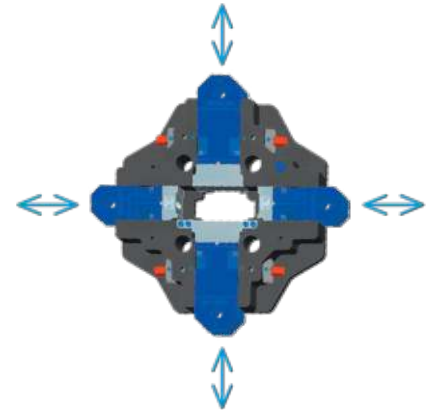
Design support

- Evaluation and feasibility study
- Value engineering from product concept to its realisation
- DFM – design for manufacturing
- Advanced modelling methods



Development and optimisation

- Capable of solving the most demanding requirements
- Constantly refining our design, tool making and casting technology
- Mould flow simulations and improvements on castability
- Tools tailored to the specific customer needs



Complete in-house engineering expertise

- Support in all phases of the product life cycle
- In-house proven technology tested over millions of cycles in Titus own manufacturing facilities
- Multi-slide tool design, tool making and sampling
- Component re-engineering capabilities available



High quality zinc precision components

- Consistency and repeatability
- High dimensional accuracy
- Complex form castings
- Surface finish according to customer needs





Titus Group

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