

## Prototyping

Global relationships enable us to provide fast and cost effective prototypes. Metal and plastic materials finished to production specifications and functional keypads with tactile response are just some of our capabilities.

High quality decorative finishes including chrome, satin, laser etched, silk screened and rubber-like textures are just some of the high end decorative finishes we can achieve.

Prototypes are an integral part of the design process as they help validate a design, test features and conduct trials. Prototyping can enable hands-on user feedback and provide invaluable knowledge ahead of production.

Often an iterative process where each successive prototype builds on the knowledge gained from its predecessors. Gaining product knowledge early helps reduce production risks and controls costs.

### CNC Machining

Precision CNC machined prototypes manufactured from production materials allow a client to validate a design ahead of commissioning tooling. Designs can be machined out of a wide range of metal and plastic materials. Quantities vary from one offs to short run production which can be used as pilot runs or to bridge the production time gap.

[Read more...](#)

### Metal Components

Whether it's prototype gears with modules less than 1.0 or larger mass-produced items in materials which include nonferrous alloys, cast irons, powder-metallurgy and plastics we can help. Ask us how we can assist with the manufacture of a prototype or production gears using wire cutting, hobbing and powder-metallurgy technology.

Springs and wire forms are also developed to meet your prototyping or production needs. All wire forms, coils and flat springs catered for and fast turnaround times for small or large volumes.

We can coordinate with multiple suppliers and later assemble, test and package such units at an assembly site. Ask how we can assist with low volume requirements.

Read more...

## Rapid Prototyping

Rapid prototyping takes virtual 3D designs from CAD and transforms the wall sections into physical models. Prototypes produced by this method are used for marketing and visualisation, confirming fitment or to act as a master pattern for casting.

Numerous materials, finishes and post-processing techniques are available. We use offshore suppliers for economy and can advise on the most appropriate technique for your requirements.