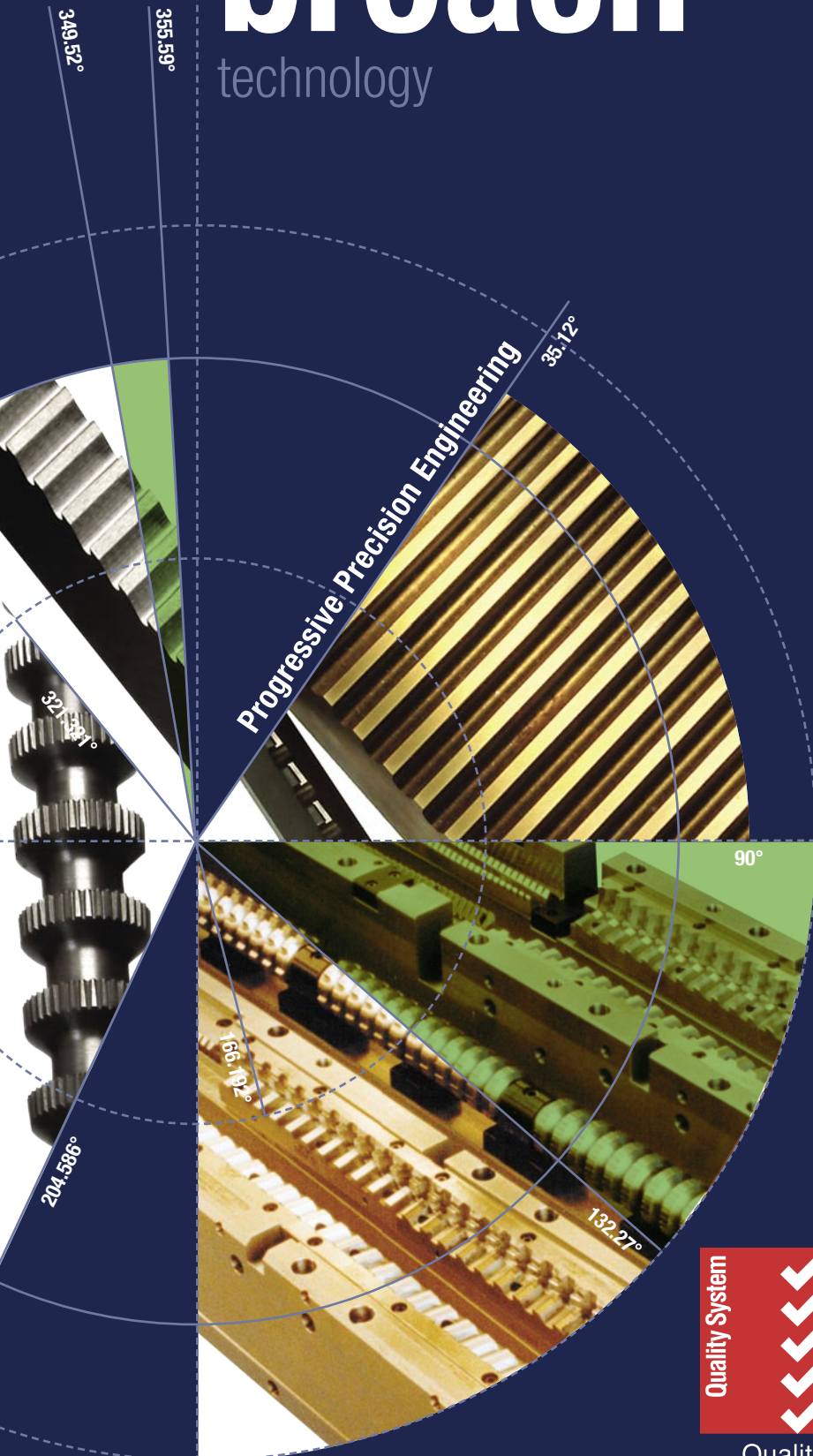


Refining the design  
and service of

# broach

technology



Progressive Precision Engineering



**LOVITT TECHNOLOGIES AUSTRALIA**

Lovitt Technologies Australia has been a leader in the design and manufacture of broaches for over 50 years.

### Principles

Broaching is a method of finishing surfaces quickly and efficiently by drawing or pushing a broach to its full extent over the desired surface. The broach has a series of teeth which are graduated from start to end, and the design assumes that each tooth removes a small and usually equal amount of material. Broaches are used in the high-volume manufacture of components for the automotive and security industries.

### Design

Our engineering and design team have successfully completed many broaching installations. Utilising our extensive design experience, skilled personnel, and state-of-the-art programming and production facilities, we ensure broaches are manufactured to the highest standards.

### Manufacture

We have experience in producing the following types of broaches:

- **Surface Broaches:** Flat, Serrated, Slot, Contour
- **Internal Broaches:** Spline – straight & involute, Serration, Round, D-shape & Double D shape, Keyway, Square, Rectangle, Hexagon, Pot (external)

### Maintenance

Our facilities are also available to service worn or damaged broaches and return to production specifications. A structured maintenance program can be implemented to ensure broaches are sharpened at the appropriate time in order to optimise tool life and to control cost per broached part.

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