

## New Technology Increases Multivoid Production Efficiency

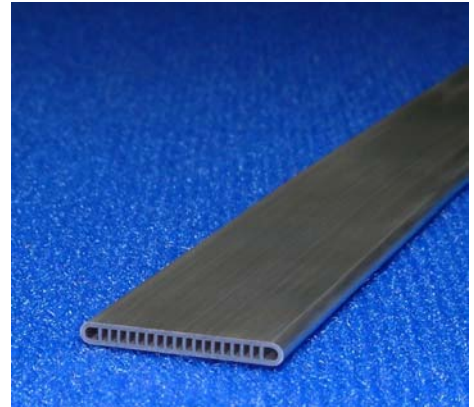
BWE's Conform technology provides the ideal production method for the manufacture of multi-void and micro multi-void tubes in aluminium alloy.

BWE has production experience of a wide range of product sizes (10 to 66 mm), hole shapes (round, square, triangular, with internal fins etc) and alloys (1000 series, 3000 series, special alloys).

The range of product sizes required defines the appropriate feedstock size and Conform machine to use.

For micro multi-void products the **Conform 315** using 12 mm feedstock rod is normally specified.

For larger products the **Conform 350** is specified. For very wide products the Conform 350 machine can be configured in twin groove mode, using two 9.5 mm feedstock rods.

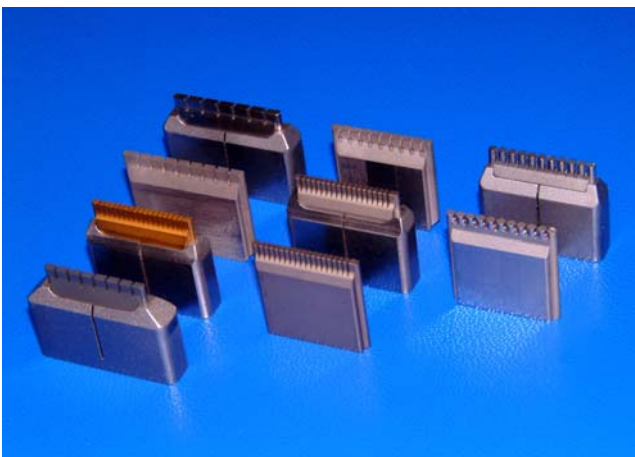


**Micro-Multivoid Tube produced on a BWE Conform 350 Machine**

**Production Efficiency has recently been improved by the introduction of BWE's Induction Heated Tooling System that dramatically reduces pre-heat times and effortlessly reaches the higher temperatures needed to avoid Mandrel damage during start-up.**

The Conform process offers low capital and running costs, high output, high product quality and short changeover times. The product has excellent surface finish, high dimensional tolerances and fine, even grain structure. A key benefit of the Conform process for multi-void tubes is its continuous nature combined with very stable running conditions. This means that the mechanical properties of the product are very consistent, with no variation along the length.

BWE can supply everything from a basic machine package without ancillaries, to a full turnkey plant, including in-line zinc spray and quality control. BWE also offers full support for tooling requirements, from design and development of new tooling, to complete supply packages.



**Multivoid Mandrels**

### Features

- Increased Efficiency with **Conform 315i**.
- Excellent Surface Finish.
- Precision Product.
- Fine Grain Structure.
- Continuous Operation for High Efficiency.
- Low Capital Cost.
- Low Running Cost.

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