



## Canning Industry Applications for Technox®



Tooling applications within the canning industry demand materials with outstanding strength, wear resistance and high surface finish.

Thanks to years of experience, Dynamic-Ceramic thoroughly understands these requirements and is able to offer a superb solution: Technox® - a revolutionary advanced ceramic with steel-like strength but with vastly superior hardness. These properties, combined with excellent wear and corrosion resistance, make Technox® the ideal choice for ceramic tooling.

Supporting both two and three piece can manufacturers since 1989 in achieving high priority goals, such as reducing manufacturing cost and improving production quality, has played a key role in the development of our range of tooling.

### Technox®

Technox®, a transformation-toughened ceramic, can eliminate or significantly reduce many of the problems associated with conventional steel and tungsten carbide tooling.

### Technox® and customer benefits

- Extended tool life with consistent quality of product
- Extended tool life with reduced down-time
- Increased product quality due to the longevity of Technox® components
- Dimensional consistency of product due to the unique surface finish achievable from Technox®, resulting in reduced friction and metal pick-up during production
- Technox® is both non-magnetic and electrically insulating, resulting in reduced weld pick-up
- Technox® offers the toughest range of industrial ceramics available for metal forming

### Technox® Tooling Applications

**Two-piece cans:** The adoption of Technox® as a standard Necking Die material by leading can-makers has resulted in a four-fold increase in tool life, reducing downtime and increasing productivity. Other products include Re-Draw Dies, Ironing Dies, Punch Sleeves and Hold down rings.

Continued over...



### Dynamic-Ceramic Ltd

Crewe Hall Enterprise Park, Weston Road, Crewe, Cheshire CW1 6UA, United Kingdom

Tel: +44 (0)1270 501000 Fax: +44 (0)1270 501423 Email: sales@dynacer.com Web: www.dynacer.com



## Canning Industry Applications for Technox<sup>®</sup> continued...



**Three-piece cans:** Technox<sup>®</sup> is used for Z-Bar tips, Wire Profile Rolls, Diablo (or Kidney) Rolls together with Forwarding Fingers, Chain Dogs, Seaming and Flanging Rolls.

Whether you are a tooling manufacturer or end user, Dynamic-Ceramic's specialists are available to provide you with full engineering and technical support throughout concept, design and production stages - ensuring that you obtain maximum performance from our materials.

### **Customer Support**

Dynamic-Ceramic manufactures custom-made parts to our customers' specifications. For more details of our products and services or to discuss your specific requirements, please contact one of our Sales Engineers.



### **Dynamic-Ceramic Ltd**

Crewe Hall Enterprise Park, Weston Road, Crewe, Cheshire CW1 6UA, United Kingdom

Tel: +44 (0)1270 501000 Fax: +44 (0)1270 501423 Email: [sales@dynacer.com](mailto:sales@dynacer.com) Web: [www.dynacer.com](http://www.dynacer.com)