

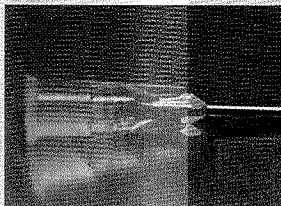
## Light curable adhesive

Techsil has introduced a newly developed light curing acrylate adhesive from Panacol. Vitralit 7311 is specially formulated for bonding plastics, metals and glass and comes in three different viscosities: Low viscosity, medium flow, and a non-flowing gel.

Vitralit 7311 cures in seconds with UV or visible light. For excellent curing results the company recommends high intensity LEDs at 405nm wavelength. This wavelength also permits the bonding of materials like polycarbonate which block UV rays. Vitralit 7311, as an example, can be used for needle bonding in medical device manufacturing.

Cured with a Bluepoint LED eco-light source from UV lamp manufacturer Hoenle, Vitralit 7311 achieves high bond strength in less than 1s.

Tel: 01789 773232



## Deep end of versatility

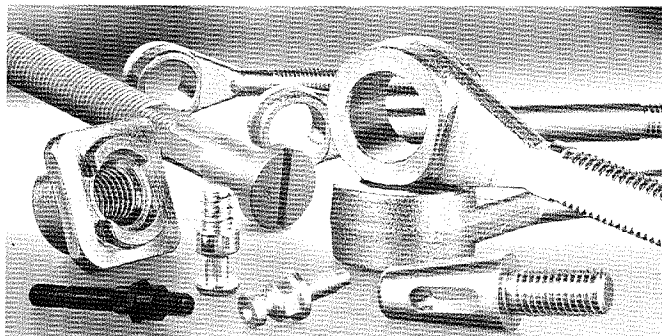
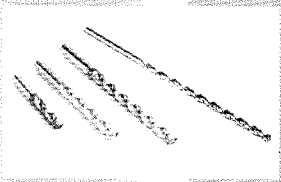
Dormer Pramet's PFX range offers the versatility and productivity to meet most deep-hole drilling needs.

Providing a cost-effective option for a wide range of applications, all PFX drills are manufactured from high speed cobalt steel and suitable for use in a variety of materials for drilling depths from 3xD to 25xD.

This includes 3xD stub (A920, A921), 6xD jobber (A900, A901), 10xD long series (A940, A941) and 15xD to 25xD extra length (A976, A977, A978). All feature a straight shank and parabolic flute design for increased chip space and improved evacuation.

The company says this design allows greater hole-depths to be achieved in some cases without the need for pecking.

Tel: 0870 8504466



## Custom fasteners

Blue Diamond Technologies can now provide customers in any market sector with bespoke fasteners with complex or unusual geometries in low batch quantities – typically 500 upwards.

The company says custom fasteners are manufactured using hot and cold forging techniques at a fraction of the cost normally incurred to machine them from scratch. This includes fasteners with eccentric heads,

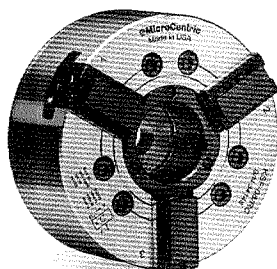
unusual head forms or recesses, captive washers, and with features such as thread-locking compounds and nylon inserts. Where required, further details can be added using secondary machining processes.

Examples of components already supplied by Blue Diamond include bolts and fixings with hexagonal socket, flanged, triple square, double hex, and hexalobular head forms. Nuts can incorporate flanges, castellations, self-locking features and captive washers.

Parts can be supplied in a wide range of materials.

Tel: 023 8025 8966

## Quick-change chuck jaws



Available from UK and Eire agent, **Leader Chuck Systems**, MicroCentric KSF RC high precision power chucks are available in two diameters and feature MicroCentric's Rapid Change

Jaw System that can reduce changeover times on CNC lathes and turning centres.

KSF-08/RC is a 210mm diameter chuck with 66mm through hole; the larger KSF-10/RC is 254mm diameter with an 82mm through bore. Both are rated to 5000 rpm and can be specified with A2-5, A2-6 or A2-8 spindle mounting plates.

Featuring a boltless design the rapid change jaws offer a full jaw area for clamping. Supplied soft as standard, with hard jaws available as an option, they can be exchanged in seconds but remain precise. The KSF chucks have a repeating accuracy of 0.0025mm

Tel: 01827 700000

## Wider scope of application for gasketing adhesive

Henkel has announced that its LOCTITE 518 gasket sealant can now cure through light surface contamination, providing greater application flexibility and improved curing on inactive metals without an activator.

The new oil-tolerant formula of LOCTITE 518 ensures a consistent cure in standard workshop and maintenance conditions. Its performance isn't compromised by most common industrial surface contaminants and inactive flange substrates, e.g. stainless steel or aluminium. The product supports thinner, lightweight flange designs and its robust curing and durability are said to provide better



performance in harsh operating environments.

LOCTITE 518 is a medium-strength anaerobic gasketing adhesive designed for use on cast iron, cast aluminium and steel-flanged mating surfaces.

Tel: 01442 278000

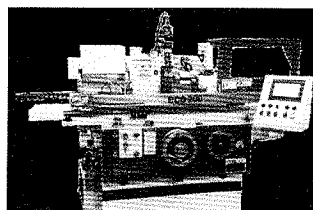
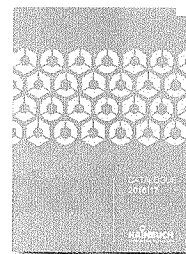
## Workholding catalogue

Hainbuch's 2016/17 workholding and clamping catalogue has almost 500 pages of clamping technology and peripheral equipment that has been designed to reduce set-up times, improve clamping processes, precision and repeatability, whilst delivering high levels of quality.

The publication is broken into easy-to-find sections that include the latest clamping devices, quick change systems, clamping elements, accessories and equipment for special purpose machines such as sliding head turning centres. Each of these core competences is separated into sub-sections that enable the reader to quickly locate their product of choice.

The catalogue can be downloaded from: <http://212.227.57.133/katalog/english/2016/>. For a hard copy, call the Hainbuch office.

Tel: 01543 278731



## Precision package

Micromatic Grinding Technologies in India appointed **Master Abrasives** as its sole UK representative as from September 2016.

Managing director, Kapil Dhand, states: "Selling precision grinding machines requires a deep understanding of not only the machine tool but the application itself. We are excited to have found a suitable partner in Master Abrasives who understand the application aspect very well, being sellers of abrasive products for almost 50 years in the UK market."

Master Abrasives has developed a range of MASTER branded precision products, including conventional grinding wheels, diamond dressers and superabrasive products. This, together with its new offering of cost-effective Micromatic hydraulic and CNC cylindrical OD, ID & Centreless grinding machines, allows the company to offer a complete precision package.

Tel: 01327 703813