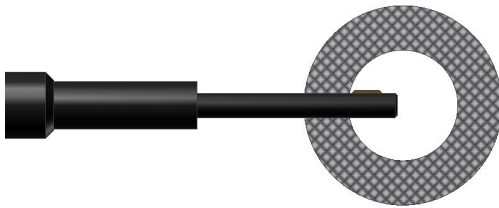


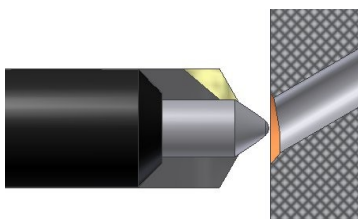
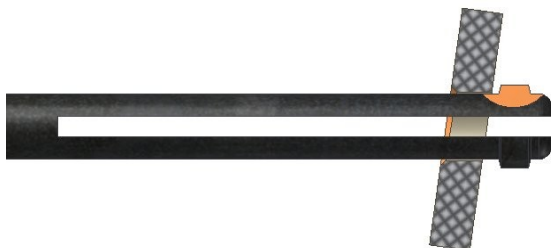
See website animations



See website animations



See website animations



Autofacer' Back Spot Face Tools

- ◆ Reduce production times up to 80% over conventional methods
- ◆ Cutter locked open so interrupted cuts are not a problem
- ◆ Shear pin prevents tool breakage in use
- ◆ Eliminate secondary machining operations
- ◆ Available for pilot holes Ø6.35mm and upward
- ◆ Use on CNC machines where no manual intervention is required

Bencere 'BCU' Back Chamfer System

- ◆ Precision back chamfering and deburring of holes
- ◆ Use on manual or CNC machines
- ◆ Tools available from Ø4.75mm to Ø20mm
- ◆ Used extensively in Aerospace and Automotive sectors

HSS 'EZ Burr' Hole Deburring Tools

- ◆ Efficient, simple tools for front and back deburring holes from one side.
- ◆ Easy to replace cutting blades with variety of geometries
- ◆ For use on flat or curved surfaces
- ◆ Available from Ø1mm
- ◆ Suitable for manual and CNC machine applications or hand use

CARBIDE 'EZ Burr' Hole Deburring Tools

- ◆ Increased production rates and longer tool life
- ◆ Suitable for the machining of tough steels and exotic materials like Hastelloy and Inconel
- ◆ Available from Ø3.17mm
- ◆ Ideally suited for use on CNC machines

BurrFree 'EZ Burr' Drill and Deburring Tools

- ◆ Drill and then deburr both sides of a hole in one operation
- ◆ Available from Ø9.5mm
- ◆ Uses Allied 'TA Series 1' style drill insert
- ◆ Optional fixed ISO insert pockets for producing top chamfers and counter bores.

'Burr Zit' Deburring Tools

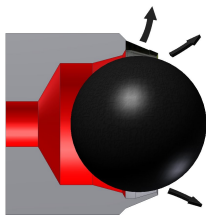
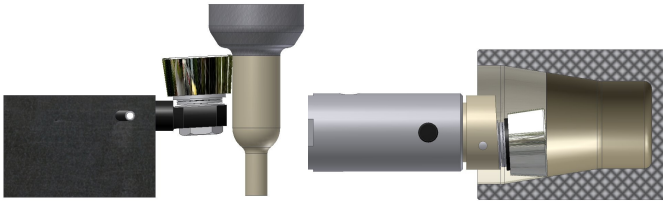
- ◆ HSS tool for deburring holes
- ◆ Ideally suited for transfer lines or where alignment may be an issue.
- ◆ Available from Ø2mm

'Benellip' Angular Hole Deburring

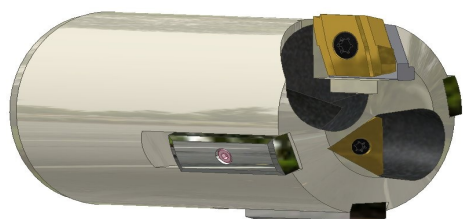
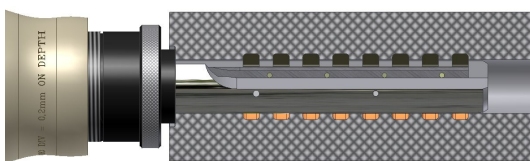
- ◆ Produce a uniform chamfer in the top of angled holes
- ◆ Ideally suited for oil holes in crankshafts
- ◆ Suitable for holes from Ø3.17mm



See website animations



See website animations



Roller Burnishing

- ◆ Produce super finishes in bores, on shafts and on spherical and flat faces down to 0.1Ra
- ◆ Fast, simple, accurate process for all ductile materials
- ◆ Available from Ø4.00mm internally and Ø3.2mm externally

'Outside Surface' Carbide Roller Burnisher

- ◆ Burnish multiple surfaces and profiles as part of the turning or boring operation
- ◆ Suitable for use on CNC turning and machining centres.
- ◆ Eliminate grinding and polishing operations

'Multi-Surface' Carbide Roller Burnisher

- ◆ Burnish internal and external diameters, radii, counter-bores and end faces in one operation
- ◆ Suitable for use on CNC turning centres.
- ◆ Available for bores from Ø16mm

'Hydrostatic' Roller Burnishing

- ◆ Unique tool design uses a hard ceramic burnishing ball hydrostatically suspended by a pressurised fluid.
- ◆ Can be used on hardened material up to 65HRC
- ◆ One tool can be used for multiple applications
- ◆ Suitable for manual and CNC turning and milling machines
- ◆ High pressure pumps and accessories supplied

Diamond Burnishing

- ◆ Simple process using a single point diamond knob
- ◆ Achieve finishes down to 0.15Ra on shafts and large bores
- ◆ Use on conventional and CNC turning machines
- ◆ Boring bar style tools for bores from Ø12.7mm available

Internal Recessing & Grooving Systems

- ◆ Fast, accurate, efficient method of producing single and multiple internal grooves in a single operation
- ◆ Self supporting system allows for long reach applications
- ◆ Suitable for bores from Ø6mm

Carbide Gun Drills / Indexable Gun Drills

- ◆ Single and twin-fluted gun drills available from Ø0.5mm
- ◆ Indexable inserted gun drills start at Ø12mm
- ◆ Drill holes up to 5 meters long
- ◆ Use on CNC, conventional and gun drilling machines
- ◆ Short delivery times from our UK manufacturing facility

System BTA / Ejector

- ◆ Drill Heads from Ø7.76mm with Drill Tubes to suit
- ◆ Drilling, Counterboring and Trepanning heads available
- ◆ Tube Drivers, Vibration Dampers, Pressure Heads
- ◆ Also available Drill Bushings, Wear pieces for drill tubes.
- ◆ Adaptors, Guide Pieces, Setting Gauges & Grinding Arbors.