



Specialists in Driven and Static Tools  
for Multi Axis CNC Lathes and Machining Centres

Telephone: 01204 523429

Website: [www.mtsdriventools.co.uk](http://www.mtsdriventools.co.uk) Email: [sales@mtsdriventools.co.uk](mailto:sales@mtsdriventools.co.uk)

# Meet the Team

The MTS technical support mission is to provide our customers with the best tooling solution possible. Our team can support you in choosing the right tooling to suit your application and we will support you after purchasing with technical data or site visits to help with tooling setup.



## **Dave Greenhalgh | Managing Director**

Dave started the company in 1991 he has a wealth of engineering experience with over 56 years in the sector.

Dave is a time served Horizontal Borer.

**Favourite product:** MT Driven and Static Tooling

✉ [dave@mtsdriventools.co.uk](mailto:dave@mtsdriventools.co.uk)

📞 07850 786333



## **Nick Greenhalgh | Sales Director**

Nick has been with MTS for over 13 years and has over 32 years engineering experience.

Nick completed his Mechanical Engineering apprenticeship at Velden Engineering in Bolton.

**Favourite products :** MT Driven & Static Tooling and Brighetti Wobble Broaching

✉ [nick@mtsdriventools.co.uk](mailto:nick@mtsdriventools.co.uk)

📞 07792 296269



## **Mark Greenhalgh | Technical Director**

Mark has been with MTS for over 8 years he has over 13 years engineering experience.

Mark completed his Mechanical Engineering apprenticeship at Babcock Gears in Bolton. He then left the Engineering sector to work in the Prison service for 20 years.

**Favourite products :** Brighetti Slotting/Keyway Tooling and MPA Angle Heads

✉ [mark@mtsdriventools.co.uk](mailto:mark@mtsdriventools.co.uk)

📞 07976 159981



## **Jason Preston | Area Sales Manager**

Jason started with MTS in 2019 he has over 14 years engineering experience.

Jason completed his Mechanical Engineering apprenticeship at Challenger Hydraulics in Dewsbury. He carried on his studies and completed his HNC

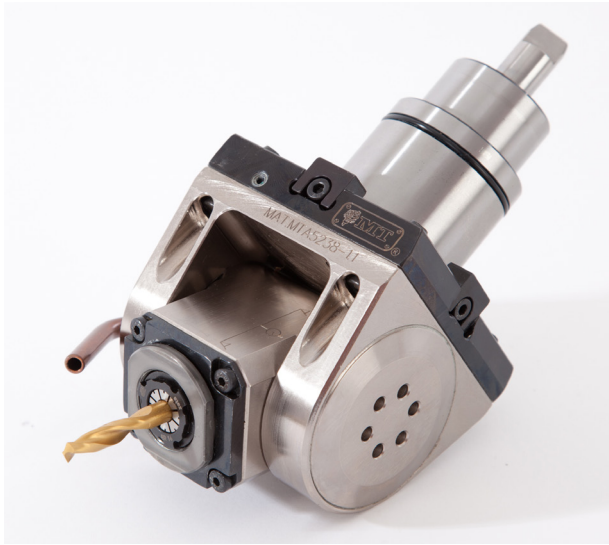
**Favourite products :** MPA Angle Heads and Special Concept Design Angle Heads / Driven Tools

✉ [jason@mtsdriventools.co.uk](mailto:jason@mtsdriventools.co.uk)

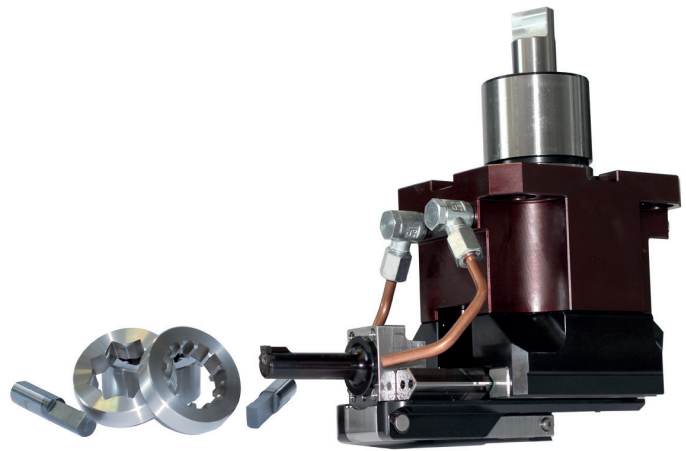
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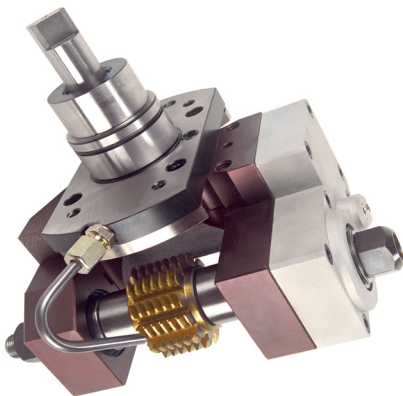
# Driven & Static Tooling



Adjustable Angle Head



Driven Slotting Tool



Driven Gear Hobber



Multiple Boring Bar Holder

Machine Tool Supplies have been the UK and Ireland agents for MT srl since 2004.

Based in Cattolica Italy at their state of art 9000 SQM factory, MT design and manufacture Single and Multi-output Driven and Static Tooling.

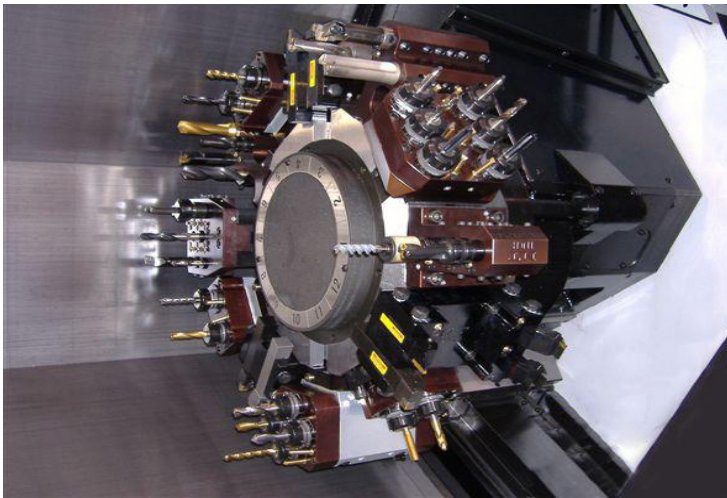
We can supply from stock over 8000 different Driven and Static Tools suitable for most Multi Axis CNC lathes, all covered by a 2 year warranty.

Please call us for more information: 01204 523429  
[www.mtsdriventools.co.uk](http://www.mtsdriventools.co.uk) Email: [sales@mtsdriventools.co.uk](mailto:sales@mtsdriventools.co.uk)

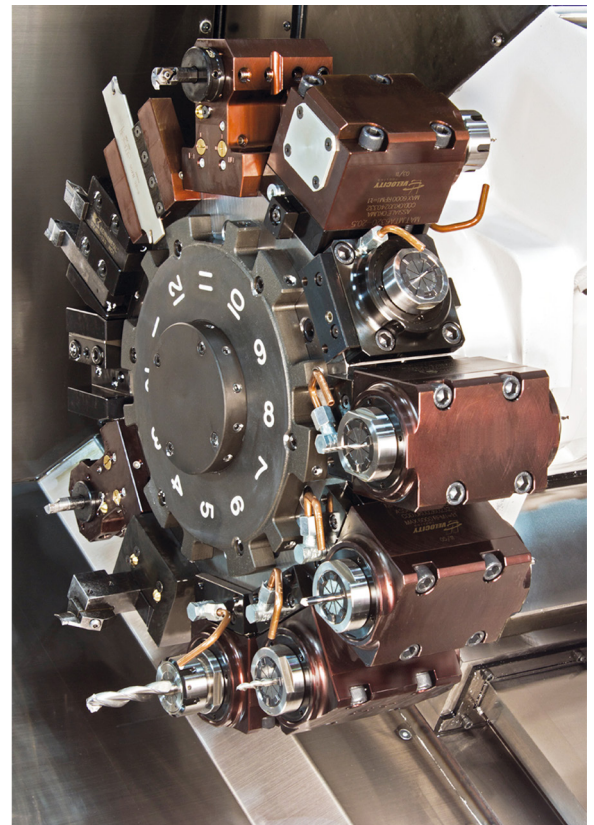




MTSK Quick Change System



Example Turret Loaded Multiple Output MT Toolholders



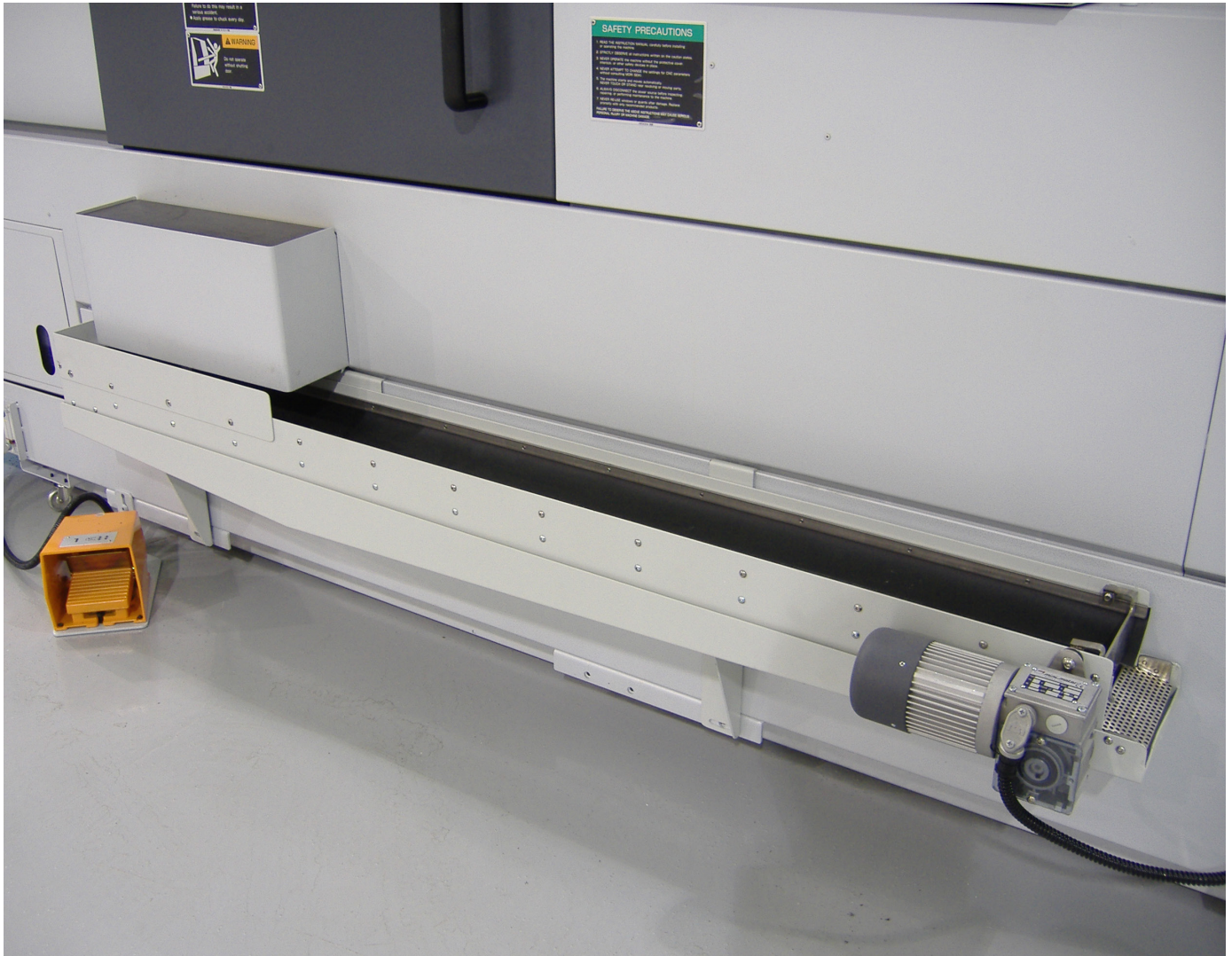
Example Turret Loaded with Standard MT Toolholders



Multiple Output Axial Driven Toolholder



# Parts Conveyors



We have parts conveyors available for many different CNC Lathes. Just let us know the make and model of the machine for a quotation. They are supplied with all the necessary parts and instructions for easy installation by the customer. Movement is activated on a time basis by an M Function or can run by constant rotation.

Please call us for more information: 01204 523429  
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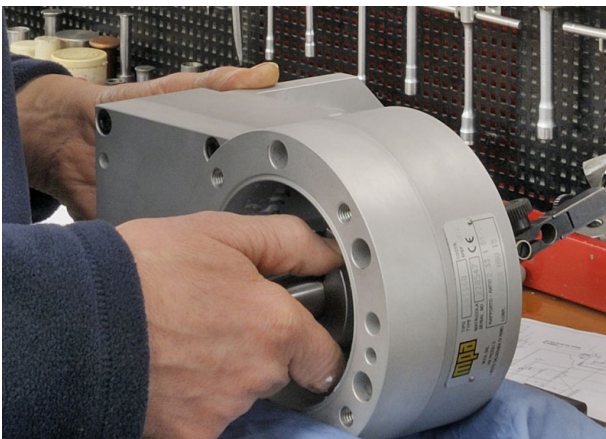
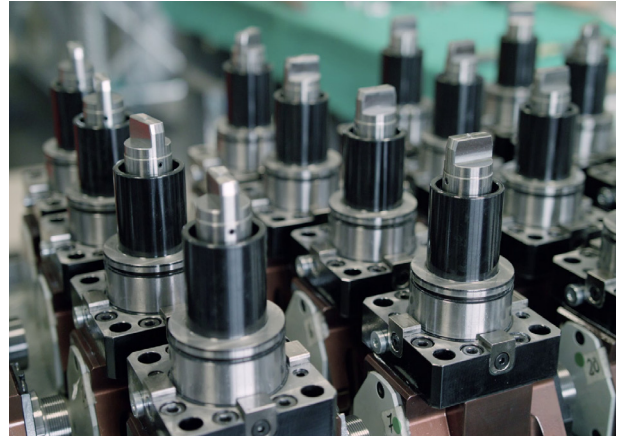
# Driven Tool & Angle Head Repairs

We repair and service all makes and models of Driven and Static Tooling, Angle Heads and Speed Increasers.

Most tools are serviced within 1-2 weeks. 48 - 72 hour turnaround is also available dependant on damage to the unit.

Tools are disassembled:

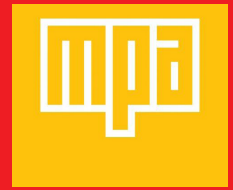
- All parts are chemically cleaned
- Components are checked for wear, damage & cracks
- A report is produced and sent to the customer
- Rebuild tools with only top quality Precision Bearings & Kluber Grease
- Replace all seals
- Check tool for alignment
- Test and Pack
- 6 months warranty on the parts that have been replaced



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# Angle Heads & Speed Increaseers



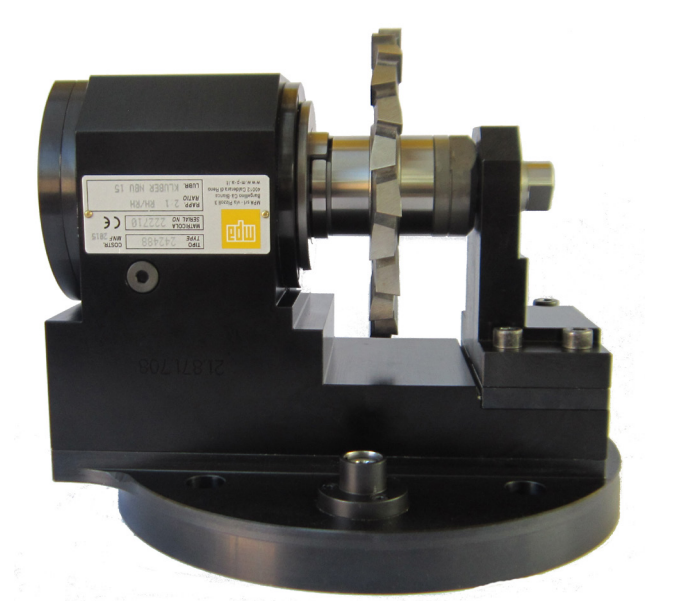
Adjustable  $\pm 90^\circ$



Extended



Heavy Duty



Milling Angle Head

MPA have over 45 years' experience in the design and manufacture fixed  $90^\circ$  Angle Heads, Adjustable Angle Heads  $\pm 90^\circ$ , Modular Angle Heads, Multi Spindle Heads, Speed Increaseers and Custom Designed Heads.

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More than 100 Standard Heads Available



Multiple Output Heads



Opposite Output Heads



Slim Angle Heads



Special Driven Tools



Special Purpose Head



Speed Increasers

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# Broaching Tools & Holders



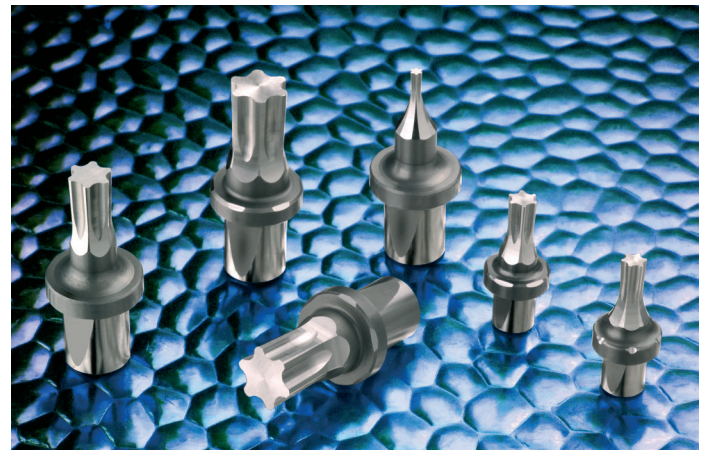
Broaching holders



Broaches



External Broaching



Torx Broach

We can offer from stock a full range of Broaching Tools and Holders.

- Hexagonal Broaches
- Square Broaches
- Torx Broaches
- Spline Broaches
- External Broaches
- Special Broaches made to your drawing
- Gauges for Polygonal Holes
- Tin, TicN, INOX and Sintered Broaches
- Broach Holders

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# Slotting Tools



BT-BTA

The BT/BTA broaching systems have been developed to machine internal keyways inside blind or through holes using CNC machine tools or Slotting Machines.

Broaching Holders are available with cylindrical connection either 25Ø, 32Ø or 16Ø. The maximum broaching depth goes from 30mm to 200mm.

The Broaching Inserts are available from:

2mm to 25mm or 3/32" to 3/4"

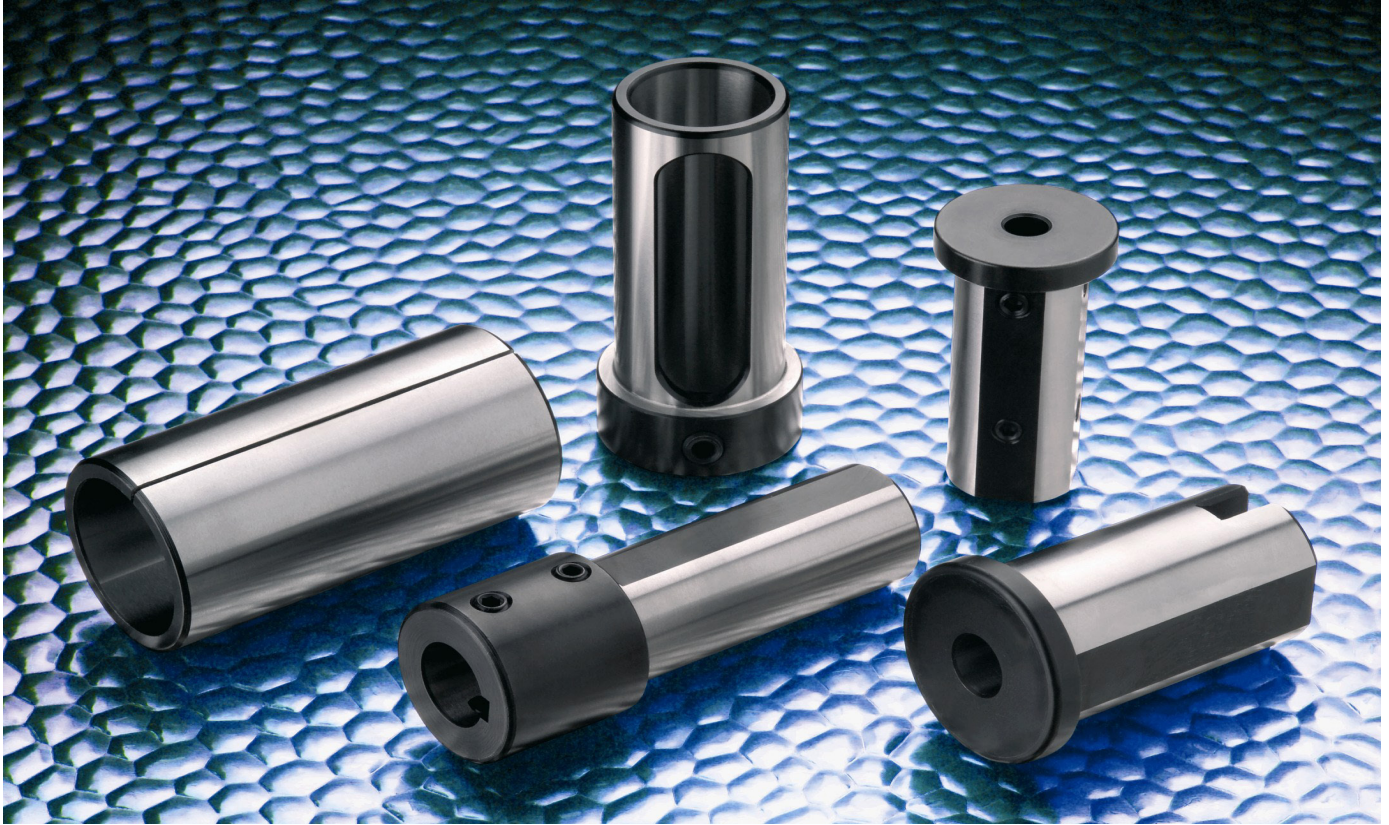
Tolerances H7, D10, P9, C11.

All available from stock.

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# Reduction Bushes



Bush

Brighetti's Reduction Bushes are all hardened and ground.

Metric sizes available from Ø16mm to Ø60mm and imperial sizes from 3/4" and 1.0"

Special Reduction Bushes can be manufactured to customer drawings.

- Slotted Bushes
- Screwed Bushes
- Conical Bushes
- Elastic Bushes
- Anti-Vibration Bushes



- KINTEK Spindle Tooling according to class AT3
- Balanced to G6,3 @ 12000 Rpm or Optional G2,5 @ 25000 Rpm
- All Standard Holders including:
- JIS B 6339 MAS 403/BT A-AD/B-AD (Double Contact Available)
- DIN 69871 A-AD/B-AD (Double Contact Available)
- DIN 2080
- HSK and Capto Tool Holders
- Accessories including: Pull Studs, Tightening Fixtures, Wrenches and all associated products
- Hydraulic Chucks and Shrink Fit Chucks





High Pressure Sealed Collets



Standard ER Collets



Straight Shank Collet Chucks



Tapping Collets

Quality ER8 to ER50 Collets in three accuracies, supplied individually or in Boxed Sets. Sealed Collets and Tapping Collets also individually and in Boxed Sets. All available from our stock.

# Centres and Face Drivers



Sassatelli specialises in the production of accessories for high precision mechanical tooling: Live Centres, Dead Centres, Front Driving Systems and Drivers for Pipes, Thread Cutting and Tapping Machines, Grinding Wheel Dressers, Knurling Devices and Special Devices upon customer's drawing.

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# QPM Coolant Nozzles



QPM manufacture coolant nozzles and related accessories for use on CNC Lathes, Machining Centres, Grinders, Screw Machines, Manual Mills and assorted production equipment. They provide coolant delivery solutions to solve all your production headaches.

All nozzles are available on a short lead time.



Jet Bolt



Turret Jet



Cap Jet



Jet Bolt



Plug Jet



Mill Jet



Lock Jet



Pressure Max



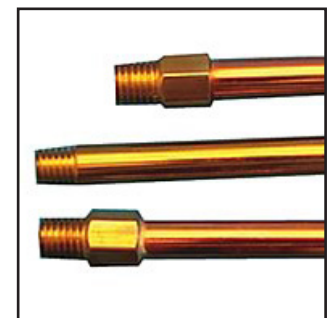
Compression Fittings



Dual Fit



Spray Tips



Extension Tubes

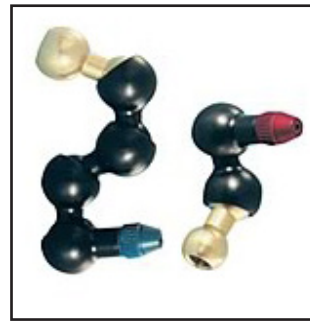
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Jet Tube



Sweat Tube



Swivel Max



Moduar Hose System



Brass Balls



Black Eye



Bug Eye



Lollipop



Twin Pop



Odd Ball



Jiffy Jet



Screw Ball



Presto Port



Manifold



Bell Valves



ChuckPuck



Bore Puck



Copper Tubing



# STA Synchro Tap Adaptor

with quick change



- For ER collet chucks ISO-15488 (DIN 6499)
- For synchronised tapping and forming
- Minimal length compensation: +0.5mm/-0.2mm

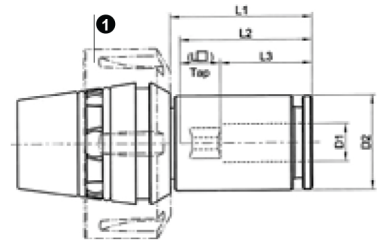
Synchro location STL



Synchro tool head STH



Synchro adaptor STA



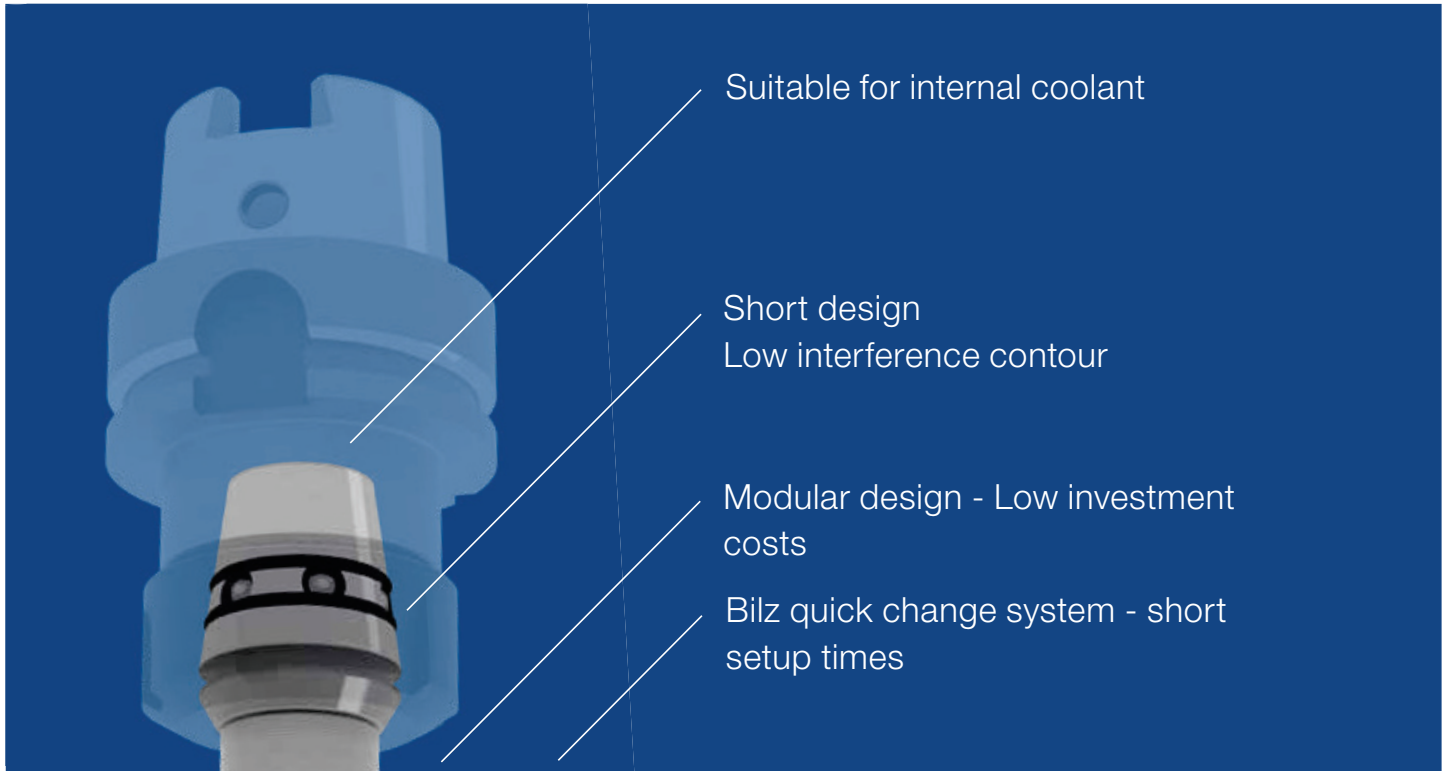
Collet chuck	Designation	D1 x □ [mm]	DIN 371	DIN 374/376	Designation	Ident Nr.	D2 [mm]	L1 [mm]	L2 [mm]	L3 [mm]	Mt max. Nm *	Mt max. Nm **
ER16	STL2-K1-ER16 5099865	3,5x2,7	M3	M5	STH2-0350X0270-24-K1	5100071	12,7	24	26,3	20,3	40	10
		4,5x3,4	M4	M6	STH2-0450X0340-24-K1	5100078	12,7	24	26,3	20,3		
		6x4,9	M5, M6	M8	STH2-0600X0490-32-K1	5099868	12,7	32	28,3	20,3		
ER20	STL3-K1-ER20 5099856	6x4,9	M5, M6	M8	STH3-0600X0490-35-K1	5113800	15,8	35	31	23	40	18
		7x5,5	M7	M9, M10	STH3-0700X0550-35-K1	5100015	15,8	35	31	23		
		8x6,2	M8	M11	STH3-0800X0620-36-K1	5099858	15,8	36	32	23		
ER25	STL4-K1-ER25 5099833	6x4,9	M5, M6	M8	STH4-0600X0490-27-K1	5139738	19	27	31	23	80	28
		7x5,5	M7	M9, M10	STH4-0700X0550-30-K1	5099927	19	30	33,5	25,5		
		8x6,2	M8	M11	STH4-0800X0620-30-K1	5099948	19	30	34,5	25,5		
		9x7	M9	M12 ②	STH4-0900X0700-40-K1	5099939	19	40	35,5	25,5		
		10x8	M10	-	STH4-1000X0800-41-K1	5099835	19	41	36,5	25,5		
ER32	STL5-K1-ER32 5092917	6x4,9	M5, M6	M8	STH5-0600X0490-8-K1	5139735	25	8	31	23	130	50
		7x5,5	M7	M9, M10	STH5-0700X0550-19-K1	5139731	25	19	33,5	25,5		
		8x6,2	M8	M11	STH5-0800X0620-37-K1	5100155	25	37	41	32		
		9x7	M9	M12	STH5-0900X0700-37-K1	5092928	25	37	42	32		
		10x8	M10	-	STH5-1000X0800-37-K1	5100154	25	37	43	32		
		11x9	-	M14	STH5-1100X0900-37-K1	5100157	25	37	44	32		
		12x9	-	M16 ②	STH5-1200X0900-37-K1	5100156	25	37	44	32		

\* Torque for clamping nut

\*\* Transmissible torque

① Only with standard clamping nut. Further clamping nut types on request.

② Thread forming only in soft material



Suitable for internal coolant

Short design  
Low interference contour

Modular design - Low investment costs

Bilz quick change system - short setup times

Suitable for left and right-hand threads

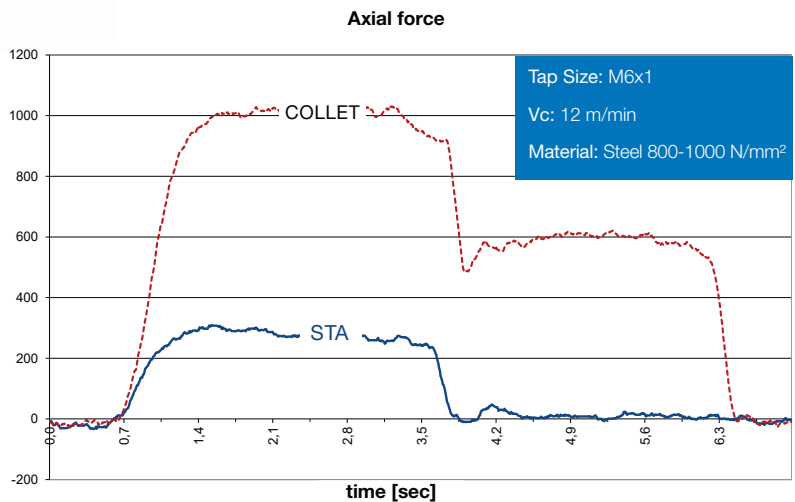
Suitable for taps and formers

## Market results STA vs. rigid tapping applications

Process optimisation through reduction of axial forces

Objectively measurable

” better thread quality and higher Life through much reduced axial force“



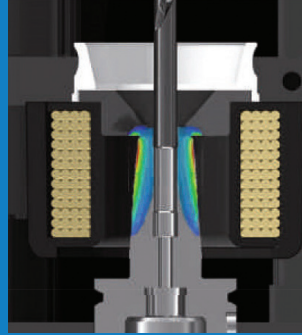


# Shrink-Fit Machine & Chucks

**bilz**



"Cool down" cooling system - ten times more effective than contact cooling systems. Available both as ALLROUNDER &



Advantage induction heating technology - ThermoGrip® the modular shrink system with a perfect match between tool holder and heating source.



More safety - Both heating and cooling takes place at one position, no moving of the hot toolholder is necessary.



Convenient user friendly control - simple parameters prevent the overheating of Shrink fit toolholders.

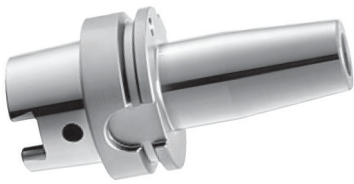


Clamping range SC: 0 3mm - 50mm  
Clamping range HSS: 0 6mm - 50mm

- Shrinking of Carbide and HSS tools from dia. 3 to 32 mm in tolerance h6 (up to 50mm)
- Highest quality of roundness/ changing repeat accuracy(< 3µm)
- Steep taper in tolerance to AT3 class with Form ADIB coolant facility
- High clamping force
- High temperature resistant special steel (tested more than 2000 times)
- Shrink chucks are fine balanced G2.5 @ 25,000 rpm
- Further balancing with tool can be done using set screws
- High quality materials used

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## SHRINK CHUCKS



Our ThermoGrip® shrink system stands for process secure tool change by perfect synergy between shrink unit and holder. It offers best surface quality, long tool life, higher feed rate and rotational speed –due to  $\mu$ -precise concentricity, high rigidity and extremely high retention forces.

### APPLICATION

- All industrial applications catered for.



### BENEFITS

- Highest process security
- Cutter insertion into the cold chuck thus offering a hands free shrink process
- Integrated counterbore for centring the tools
- All geometric designs available
- Industrial standard design

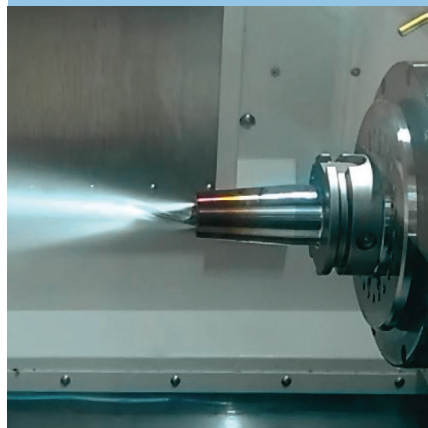
## CORONA JET



ThermoGrip® CoronaJet is an ideal coolant supply feature bringing best swarf evacuation to all cutting applications. Allows optimised cooling control to the cutting edge with minimum centrifugal coolant displacement away from the cutting edge compared to conventional coolant supply systems.

### APPLICATION

- General engineering application to high-tech aerospace and mold and die, especially suited to deep cavities.



### BENEFITS

- Targeted and consistent coolant supply
- Longer tool life due to the constant cutting temperatures
- Better product quality

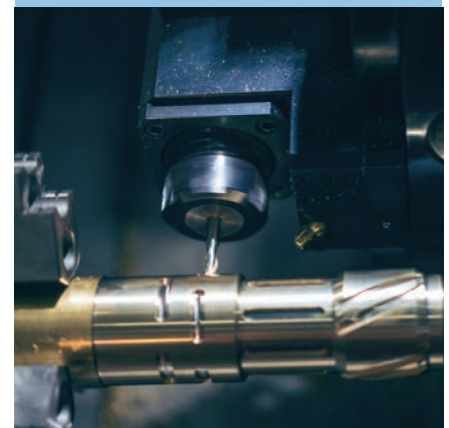
## SHRINK ADAPTOR TER



With the TER, the forces exerted due to an unbalance of the tool are nearly eliminated when compared to conventional ER collets. The tool is precisely clamped in the centre of the clamping bore and therefore runs smoothly and builds a compact and stable unit with the TER collet when shrunk in.

### APPLICATION

- Standard ER Collet chucks
- Driven tool holders



### BENEFITS

- Very high transmittable torque values, best concentricity and highest stability
- Improved surface quality and excellent precision
- Maximum retention forces and rigidity
- Low-wear monoblock qualities



# CNC Bar Puller



Increase your Productivity, Start Saving Time and Money Today  
Using the Grippall CNC Bar Puller.



## Why use a Grippall CNC Bar Puller?

- They provide a simple, inexpensive method for automating any CNC lathe.
- Quality Design: made from Stainless Steel and Anodized Air Craft Aluminum.
- Bar Pullers don't use up valuable floor space.
- They are very easy to set up and use - no electrical interface required.
- Maintenance free operation.
- They can be easily moved from one machine to another.
- A wide gripping range is obtained from a compact design 3mm-79mm.
- Can be used on a variety of material shapes.
- Use Bar Puller as a picker so finished work piece doesn't get damaged.
- Coolant or Air Actuated.
- 1 Bar of pressure is enough to pull a 90kg bar.
- Available with various Cylindrical Shanks & VDI30,40,50.

Please call us for more information: 01204 523429  
[www.mtsdriventools.co.uk](http://www.mtsdriventools.co.uk) Email: [sales@mtsdriventools.co.uk](mailto:sales@mtsdriventools.co.uk)

# CNC Storage Equipment



Bott CNC storage systems protect your expensive tooling, maximising security for your valuable business assets. The system is incorporates many options, from cupboards & trolleys to workbench-mounted units

- Fits almost all CNC tool types including BT, DIN69871, HSK and more
- Integrates with the Bott Cubio and Perfo ranges
- Static and mobile options available
- Built to last – all products come with a 10 year guarantee

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# MachineTool Supplies

Unit 7, Kenyon Business Park  
Pilkington Street, Bolton, Lancashire BL3 6HL

Please call us for more information: 01204 523429  
[www.mtsdriventools.co.uk](http://www.mtsdriventools.co.uk) Email: [sales@mtsdriventools.co.uk](mailto:sales@mtsdriventools.co.uk)