

small but

**MIGHTY** 

MAKE something **BIG**  
with something **small**

**NEW**



**DOVETAIL  
FIXTURE  
RANGE**

*Find out more inside*

**FREE  
SWARF FAN**

*Does your Milling Machine  
need some TLC? We're giving  
away **FREE** swarf fans - find  
out how to claim yours inside.*





# ER COLLET CHUCKS

Balanced to 25,000rpm @ G2.5

HIGH PRECISION

LOW-PRICES



FULL RANGE

# SHELL MILL ARBORS

Balanced to 25,000rpm @ G2.5

HIGH PERFORMANCE

LOW-PRICES



FULL RANGE

# SHRINK FIT CHUCKS

Balanced to 25,000rpm @ G2.5

TOP QUALITY

LOW-PRICES



FULL RANGE

## DID YOU KNOW?

A toolholder assembly balanced to G2.5 can run **TWO & HALF TIMES** truer than one with a G6.3 rating.

We balance **ALL** of our Tuscan toolholders to G2.5 as standard to give **YOU** the **BEST** results. **PROTECT YOUR SPINDLES | MAKE BETTER COMPONENTS | EXTEND YOUR TOOL-LIFE**

## Mini Nut Collet Chucks



BT MAS 403					
Taper	Part No.	Nose Dia	Gauge Length	Was £	Now £
BT40	BT40 ER11M 070	16mm	70mm	<del>104.00</del>	<b>74.00</b>
	BT40 ER11M 100	16mm	100mm	<del>124.00</del>	<b>89.00</b>
	BT40 ER11M 160	16mm	160mm	<del>144.00</del>	<b>104.00</b>
	BT40 ER16M 070	22mm	70mm	<del>69.00</del>	<b>49.00</b>
	BT40 ER16M 100	22mm	100mm	<del>54.00</del>	<b>49.00</b>
BT40 ER16M 160	22mm	160mm	<del>129.00</del>	<b>94.00</b>	

DIN 69893/HSK FORM A					
Taper	Part No.	Nose Dia	Gauge Length	Was £	Now £
HSK	HSK63A ER11M 070	16mm	70mm	<del>139.00</del>	<b>99.00</b>
	HSK63A ER11M 100	16mm	100mm	<del>139.00</del>	<b>99.00</b>
	HSK63A ER11M 160	16mm	160mm	<del>184.00</del>	<b>129.00</b>
	HSK63A ER16M 070	22mm	70mm	<del>139.00</del>	<b>99.00</b>
	HSK63A ER16M 100	22mm	100mm	<del>139.00</del>	<b>109.00</b>
HSK63A ER16M 160	22mm	160mm	<del>184.00</del>	<b>129.00</b>	

## Shell Mill Arbors



BT MAS 403					
Taper	Part No.	Spigot	Gauge Length	Was £	Now £
BT40	BT40 SM16 045	16mm	45mm	<del>59.00</del>	<b>44.00</b>
	BT40 SM16 100	16mm	100mm	<del>59.00</del>	<b>49.00</b>
	BT40 SM16 160	16mm	160mm	<del>69.00</del>	<b>54.00</b>
	BT40 SM22 045	22mm	45mm	<del>59.00</del>	<b>44.00</b>
	BT40 SM22 100	22mm	100mm	<del>59.00</del>	<b>49.00</b>
	BT40 SM22 160	22mm	160mm	<del>69.00</del>	<b>54.00</b>
	BT40 SM27 045	27mm	45mm	<del>59.00</del>	<b>44.00</b>
	BT40 SM27 100	27mm	100mm	<del>64.00</del>	<b>49.00</b>
	BT40 SM27 160	27mm	160mm	<del>74.00</del>	<b>54.00</b>
	BT40 SM32 050	32mm	50mm	<del>59.00</del>	<b>44.00</b>
BT40 SM32 100	32mm	100mm	<del>74.00</del>	<b>54.00</b>	
BT40 SM32 160	32mm	160mm	<del>84.00</del>	<b>59.00</b>	

DIN 69893/HSK FORM A					
Taper	Part No.	Spigot	Gauge Length	Was £	Now £
HSK	HSK63A SM16 045	16mm	45mm	<del>124.00</del>	<b>89.00</b>
	HSK63A SM16 100	16mm	100mm	<del>149.00</del>	<b>109.00</b>
	HSK63A SM16 160	16mm	160mm	<del>174.00</del>	<b>124.00</b>
	HSK63A SM22 050	22mm	50mm	<del>124.00</del>	<b>89.00</b>
	HSK63A SM22 100	22mm	100mm	<del>149.00</del>	<b>109.00</b>
	HSK63A SM22 160	22mm	160mm	<del>174.00</del>	<b>124.00</b>
	HSK63A SM27 055	27mm	55mm	<del>124.00</del>	<b>89.00</b>
	HSK63A SM27 100	27mm	100mm	<del>149.00</del>	<b>109.00</b>
	HSK63A SM27 160	27mm	160mm	<del>184.00</del>	<b>129.00</b>
	HSK63A SM32 060	32mm	60mm	<del>139.00</del>	<b>99.00</b>
HSK63A SM32 100	32mm	100mm	<del>164.00</del>	<b>119.00</b>	
HSK63A SM32 160	32mm	160mm	<del>189.00</del>	<b>134.00</b>	

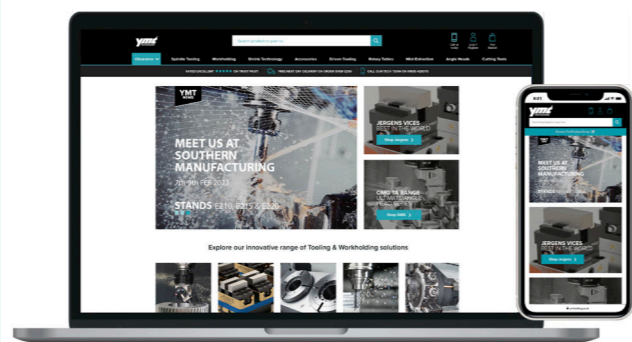
## ER Collet Chucks



BT MAS 403					
Taper	Part No.	Nose Dia	Gauge Length mm	Was £	Now £
BT40	BT40 ER16 070	32mm	70mm	<del>39.00</del>	<b>29.00</b>
	BT40 ER16 100	32mm	100mm	<del>59.00</del>	<b>44.00</b>
	BT40 ER16 160	32mm	160mm	<del>89.00</del>	<b>64.00</b>
	BT40 ER20 070	35mm	70mm	<del>54.00</del>	<b>39.00</b>
	BT40 ER20 100	35mm	100mm	<del>64.00</del>	<b>49.00</b>
	BT40 ER20 160	35mm	160mm	<del>89.00</del>	<b>64.00</b>
	BT40 ER25 070	42mm	70mm	<del>54.00</del>	<b>39.00</b>
	BT40 ER25 100	42mm	100mm	<del>74.00</del>	<b>54.00</b>
	BT40 ER25 160	42mm	160mm	<del>89.00</del>	<b>64.00</b>
	BT40 ER32 070	50mm	70mm	<del>39.00</del>	<b>29.00</b>
	BT40 ER32 100	50mm	100mm	<del>54.00</del>	<b>39.00</b>
	BT40 ER32 160	50mm	160mm	<del>89.00</del>	<b>64.00</b>

DIN 69893/HSK FORM A					
Taper	Part No.	Nose Dia	Gauge Length	Was £	Now £
HSK	HSK63A ER16 070	32mm	70mm	<del>104.00</del>	<b>74.00</b>
	HSK63A ER16 100	32mm	100mm	<del>104.00</del>	<b>84.00</b>
	HSK63A ER16 160	32mm	160mm	<del>139.00</del>	<b>99.00</b>
	HSK63A ER20 070	35mm	70mm	<del>99.00</del>	<b>74.00</b>
	HSK63A ER20 100	35mm	100mm	<del>104.00</del>	<b>84.00</b>
	HSK63A ER20 160	35mm	160mm	<del>139.00</del>	<b>99.00</b>
	HSK63A ER25 070	42mm	70mm	<del>104.00</del>	<b>74.00</b>
	HSK63A ER25 100	42mm	100mm	<del>104.00</del>	<b>84.00</b>
	HSK63A ER25 160	42mm	160mm	<del>139.00</del>	<b>99.00</b>
	HSK63A ER32 075	50mm	75mm	<del>99.00</del>	<b>74.00</b>
	HSK63A ER32 100	50mm	100mm	<del>104.00</del>	<b>84.00</b>
	HSK63A ER32 160	50mm	160mm	<del>139.00</del>	<b>99.00</b>

### VISIT OUR WEBSITE TO DOWNLOAD ALL CAD MODELS



## Standard 4.5° Shrink Chucks



BT MAS 403						
Taper	Part No.	Shank Dia	Nose Dia	Gauge Length	Was £	Now £
BT40	BT40 SF03 090	3mm	10mm	90mm	<del>169.00</del>	<b>119.00</b>
	BT40 SF03 120	3mm	10mm	120mm	<del>184.00</del>	<b>129.00</b>
	BT40 SF04 090	4mm	15mm	90mm	<del>164.00</del>	<b>119.00</b>
	BT40 SF04 120	4mm	15mm	120mm	<del>184.00</del>	<b>129.00</b>
	BT40 SF06 090	6mm	21mm	90mm	<del>119.00</del>	<b>84.00</b>
	BT40 SF06 120	6mm	21mm	120mm	<del>169.00</del>	<b>119.00</b>
	BT40 SF08 090	8mm	21mm	90mm	<del>119.00</del>	<b>84.00</b>
	BT40 SF08 120	8mm	21mm	120mm	<del>169.00</del>	<b>119.00</b>
	BT40 SF10 090	10mm	24mm	90mm	<del>119.00</del>	<b>84.00</b>
	BT40 SF10 120	10mm	24mm	120mm	<del>169.00</del>	<b>119.00</b>
	BT40 SF12 090	12mm	24mm	90mm	<del>119.00</del>	<b>84.00</b>
	BT40 SF12 120	12mm	24mm	120mm	<del>169.00</del>	<b>119.00</b>
	BT40 SF16 090	16mm	27mm	90mm	<del>119.00</del>	<b>84.00</b>
	BT40 SF16 120	16mm	27mm	120mm	<del>169.00</del>	<b>119.00</b>
	BT40 SF20 090	20mm	33mm	90mm	<del>119.00</del>	<b>84.00</b>
	BT40 SF20 120	20mm	33mm	120mm	<del>169.00</del>	<b>119.00</b>

DIN 69893/HSK FORM A						
Taper	Part No.	Shank Dia	Nose Dia	Gauge Length	Was £	Now £
HSK	HSK63A SF03 080	3mm	10mm	80mm	<del>199.00</del>	<b>144.00</b>
	HSK63A SF03 120	3mm	10mm	120mm	<del>219.00</del>	<b>154.00</b>
	HSK63A SF04 080	4mm	15mm	80mm	<del>199.00</del>	<b>144.00</b>
	HSK63A SF04 120	4mm	15mm	120mm	<del>219.00</del>	<b>154.00</b>
	HSK63A SF06 080	6mm	21mm	80mm	<del>144.00</del>	<b>104.00</b>
	HSK63A SF06 120	6mm	21mm	120mm	<del>189.00</del>	<b>134.00</b>
	HSK63A SF08 080	8mm	21mm	80mm	<del>144.00</del>	<b>104.00</b>
	HSK63A SF08 120	8mm	21mm	120mm	<del>189.00</del>	<b>134.00</b>
	HSK63A SF10 085	10mm	24mm	85mm	<del>144.00</del>	<b>104.00</b>
	HSK63A SF10 120	10mm	24mm	120mm	<del>189.00</del>	<b>134.00</b>
	HSK63A SF12 090	12mm	24mm	90mm	<del>144.00</del>	<b>104.00</b>
	HSK63A SF12 120	12mm	24mm	120mm	<del>189.00</del>	<b>134.00</b>
	HSK63A SF16 095	16mm	27mm	95mm	<del>144.00</del>	<b>104.00</b>
	HSK63A SF16 120	16mm	27mm	120mm	<del>189.00</del>	<b>134.00</b>
	HSK63A SF20 100	20mm	33mm	100mm	<del>144.00</del>	<b>104.00</b>
HSK63A SF20 120	20mm	33mm	120mm	<del>189.00</del>	<b>134.00</b>	

## Slim 3° Shrink Chucks



BT MAS 403						
Taper	Part No.	Shank Dia	Nose Dia	Gauge Length	Was £	Now £
BT40	BT40 SSF03 090	3mm	9mm	90mm	<del>179.00</del>	<b>129.00</b>
	BT40 SSF03 120	3mm	9mm	120mm	<del>199.00</del>	<b>144.00</b>
	BT40 SSF04 090	4mm	10mm	90mm	<del>174.00</del>	<b>129.00</b>
	BT40 SSF04 120	4mm	10mm	120mm	<del>194.00</del>	<b>144.00</b>
	BT40 SSF06 090	6mm	12mm	90mm	<del>144.00</del>	<b>104.00</b>
	BT40 SSF06 120	6mm	12mm	120mm	<del>169.00</del>	<b>129.00</b>
	BT40 SSF06 160	6mm	12mm	160mm	<del>194.00</del>	<b>139.00</b>
	BT40 SSF08 090	8mm	14mm	90mm	<del>144.00</del>	<b>104.00</b>
	BT40 SSF08 120	8mm	14mm	120mm	<del>169.00</del>	<b>129.00</b>
	BT40 SSF08 160	8mm	14mm	160mm	<del>194.00</del>	<b>139.00</b>
	BT40 SSF10 090	10mm	16mm	90mm	<del>144.00</del>	<b>104.00</b>
	BT40 SSF10 120	10mm	16mm	120mm	<del>169.00</del>	<b>129.00</b>
BT40 SSF10 160	10mm	16mm	160mm	<del>194.00</del>	<b>139.00</b>	
BT40 SSF12 090	12mm	18mm	90mm	<del>144.00</del>	<b>104.00</b>	
BT40 SSF12 120	12mm	18mm	120mm	<del>169.00</del>	<b>129.00</b>	
BT40 SSF12 160	12mm	18mm	160mm	<del>194.00</del>	<b>139.00</b>	

DIN 69893/HSK FORM A						
Taper	Part No	Shank Dia	Nose Dia	Gauge Length	Was £	Now £
HSK	HSK63A SSF03 080	3mm	9mm	80mm	<del>199.00</del>	<b>154.00</b>
	HSK63A SSF03 120	3mm	9mm	120mm	<del>214.00</del>	<b>164.00</b>
	HSK63A SSF04 080	4mm	10mm	80mm	<del>199.00</del>	<b>154.00</b>
	HSK63A SSF04 120	4mm	10mm	120mm	<del>214.00</del>	<b>164.00</b>
	HSK63A SSF06 080	6mm	12mm	80mm	<del>144.00</del>	<b>119.00</b>
	HSK63A SSF06 120	6mm	12mm	120mm	<del>184.00</del>	<b>144.00</b>
	HSK63A SSF06 160	6mm	12mm	160mm	<del>199.00</del>	<b>159.00</b>
	HSK63A SSF08 080	8mm	14mm	80mm	<del>144.00</del>	<b>119.00</b>
	HSK63A SSF08 120	8mm	14mm	120mm	<del>174.00</del>	<b>144.00</b>
	HSK63A SSF08 160	8mm	14mm	160mm	<del>199.00</del>	<b>159.00</b>
	HSK63A SSF10 085	10mm	16mm	85mm	<del>144.00</del>	<b>119.00</b>
	HSK63A SSF10 120	10mm	16mm	120mm	<del>174.00</del>	<b>144.00</b>
	HSK63A SSF10 160	10mm	16mm	160mm	<del>199.00</del>	<b>159.00</b>
	HSK63A SSF12 090	12mm	18mm	90mm	<del>144.00</del>	<b>119.00</b>
	HSK63A SSF12 120	12mm	18mm	120mm	<del>174.00</del>	<b>144.00</b>
HSK63A SSF12 160	12mm	18mm	160mm	<del>199.00</del>	<b>159.00</b>	

## BUY ANY 10 Tuscan Toolholders & get a Tuscan Swarf Fan FREE!

Yep - you've read that right; that's a swarf fan worth £119.00 FOR FREE with any 10 Tuscan Toolholders



Watch one in action



### BE QUICK!

This offer is only valid while stocks last. One free swarf fan per customer only. | Order online or call a member of our friendly team in the office.



## GVA 4TH AXIS ROTARY TABLE

- + Worktable diameter 210mm
- + Worm gear transmission
- + Suitable for vertical applications
- + Pneumatic brake system
- + Equipped with heavy duty cross roller bearings



## TIME = MONEY

Get the **MOST** out of your existing machine tool by investing in a 4th Axis Rotary Table.



MORE INFO

# NEW

## TUSCAN

PRECISION TOOLING SYSTEMS

# DOVETAIL FIXTURE RANGE



The NEW Tuscan Dovetail Fixtures have been designed to hold parts on 3, 4 and 5 Axis CNC machines. Dovetail Fixtures provide incomparable clamping power whilst exposing all 5 sides of a component, which allows users to machine most features in one operation by holding onto minimal material, which means less material waste and greater access to all sides of the component. Simply machine a tenon slot into your component and away you go!

### UNRIVALLED ACCESS to FIVE component sides

Each of the Tuscan Dovetail fixtures incorporate a precision location pin, which eliminates component-slide and allows for repeatable reloading of parts. The locating pin ensures your part is positioned accurately and, unlike other products, the spring-loaded clamp can be tightened with a simple T-handle wrench.

### PERFECT for Multi-Loading ALL types of components

- + Made in the UK
- + High Clamping Force utilising a 45° Dovetail
- + Location Pin to eliminate material slide and for repeatable billet loading
- + Ideal for parts that need a lot of clearance
- + Great for bespoke fixturing and multi-loading of parts

small *but* **MIGHTY**

**MAKE** something **BIG** with something **small**



**HOLD ANY MATERIAL**  
By machining a simple 45 degree tenon slot into your workpiece.



BILLET PREP



PART NO.	DIMENSIONS	OUR PRICE
T1-DV	32mm x 24mm x 20mm	175.00
T2-DV	39mm x 39mm x 26mm	225.00
T3-DV	49mm x 49mm x 37mm	275.00



LEARN MORE

# FREE

## INTERFACE KIT

to suit **ANY** Heidenhain 530/620/640 control when you buy a GVA-210 Rotary Table\*

### LIMITED TIME ONLY

SAVINGS of over **£3,950.00**

Call our team to learn more on 01935 428375

\* Subject to site survey and excludes labour.



Will it ever come home? 🤖





# NEW TSCHORN DIGITAL 3D PROBE

NEW TECHNOLOGY

The **GROUNDBREAKING** new 3D Digital Probe presents itself as a fusion of the best features of two worlds by combining both digital and analogue reading. This unique combination of 3D Digital opens up completely new dimensions of precision measurement. The digital display of the 3D Digital Probe, with its clear numbers, allows for easy and precise reading at a glance. This is particularly advantageous when exact values are important. At the same time, we know that the eye can have difficulty following rapidly changing digital displays. This is where the analog display of the Probe comes into play. The moving pointer offers visual stability that makes it possible to track changes precisely and safely. This ensures that the measurement results can be read reliably in every situation. In addition to the analog display, the 3D Digital Probe relies on clever LED integration. This LED LED not only protects the workpiece, but also the 3D button from damage and repairs. With the 3D Digital, determining workpiece zero points and linear dimensions becomes a quick and effortless process in all axis dire....



There's too much to tell you!  
Scan here to read more

**FREE SPARE STYLUS**

when you order the NEW digital Tschorn 3D Probe

**£345**

price includes 1x probe unit inc. stylus & 1 x spare stylus



Scan the QR Code to pre-order yours

Part Number: 001D30012

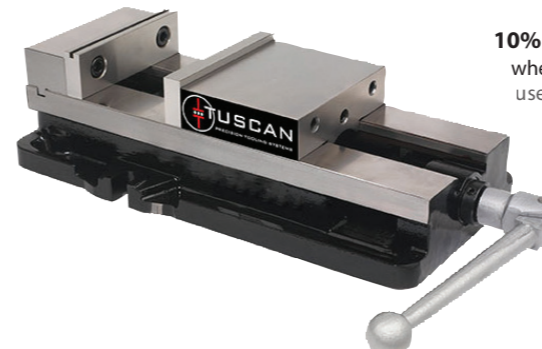


PART NO.	Jaw width	Length	Price £
5CV13049-IN	75mm	100mm	799.00
5CV13051-IN	75mm	160mm	999.00
5CV13041-IN	130mm	160mm	1099.00
5CV14045-IN	130mm	250mm	1399.00



BUY ONLINE

**5CV SERIES**



PART NO.	Jaw width	Length	Price
SSV-100	4"/100mm	350mm	369.00
SSV-150X	6"/150mm	481mm	449.00
SSV-200	8"/200mm	585mm	769.00



BUY ONLINE

**SSV SERIES**

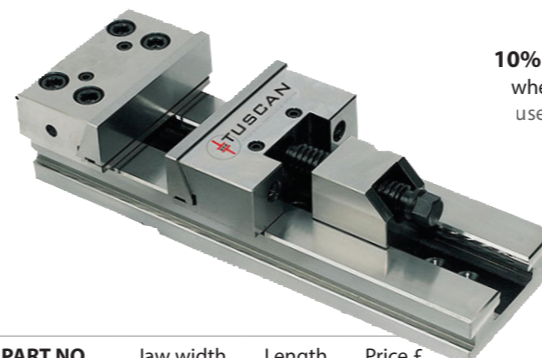


PART NO.	Jaw width	Length	Price £
DSV-100	4"/100mm	430mm	899.00
DSV-150	6"/150mm	639mm	999.00



BUY ONLINE

**DSV SERIES**



PART NO.	Jaw width	Length	Price £
MV100	4"/100mm	270mm	339.00
MV125	5"/125mm	345mm	379.00
MV150	6"/150mm	420mm	449.00
MV150B	6"/150mm	520mm	589.00
MV200	8"/200mm	495mm	799.00
MV200B	8"/200mm	595mm	899.00



BUY ONLINE

**MV SERIES**

10% OFF AND FREE SHIPPING  
when you order this vice online  
use code TUSCAN @ checkout

10% OFF AND FREE SHIPPING  
when you order this vice online  
use code TUSCAN @ checkout

10% OFF AND FREE SHIPPING  
when you order this vice online  
use code TUSCAN @ checkout

Call our team to order yours  
**TODAY** on 01935 428375





Would you like a

**FREE**



**SWARF  
FAN?**

See how to claim yours inside



Scan the QR Code  
to watch one in action

Your Milling Machines  
**VERY OWN** Mrs Doubtfire 🤖

