

ER COLLET CHUCKS



FEATURES

- 5 different collet nut styles
- Gauge lengths up to 200mm from stock
- Balancing grades up to G2.5 30,000RPM
- Available in all major tapers
- Huge range of ER collet types
- Clamp up to 34mm diameter shanks

BENEFITS

- The most flexible toolholding system
- Suitable for a wide range of applications from milling to tapping
- Low cost

Cutwel ER Collet Chucks, from General Purpose to High Speed Milling & Drilling

The Cutwel range of ER collet chucks is the biggest in the UK, with almost every taper, nut style and length available from stock.

Our ER collet chucks are balanced to 15,000RPM grade G6.3 as standard as well as the high precision MIRCO⁵ ER system with 5 microns run-out balanced to 20,000RPM grade G2.5.

For spindle speeds above 20,000RPM, we recommend GSK collet chucks, shrink chucks or hydraulic chucks where run-out <0.005mm can be achieved.



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GEOMETRIES

Hexagon Nut



Supplied as standard on most ER16 collet chucks.

Standard (Castellated) Nut



The castellated nut is the strongest and most robust ER nut and is available in sizes ER16, ER20, ER25, ER32, ER40 & ER50.

Mini Nut



The mini nut is ideal for applications where space restrictions apply, such as machining in small pockets or bores. Available in ER11, ER16, ER20 & ER25.

MICRO-5



High precision with maximum 5 microns run-out and balanced to G2.5 20,000RPM. Ideal for precision drilling or HSC milling.

GAUGE LENGTHS

Lengths	BT		SK	HSK-A		HSK-E			HSK-F		PSC	DBT DSK
	30	40/50	40/50	50/63	100	25/32	40	50/63	50	63		
Standard (60-80mm)	✓	✓	✓	✓	-	✓	✓	✓	✓	-	✓	✓
Long (90-100mm)	✓	✓	✓	✓	✓	-	-	✓	✓	✓	✓	✓
Extended (120-160mm)	-	✓	✓	✓	✓	-	✓	✓	✓	✓	✓	✓
Extra Long (200mm)	-	✓	✓	-	✓	-	-	-	-	-	-	✓

CLAMPING DIAMETER RANGE BY ER SIZE

ER11		ER16		ER20		ER25		ER32		ER40		ER50	
Cutters/Drills	Taps*	Cutters/Drills	Taps*	Cutters/Drills	Taps*	Cutters/Drills	Taps*	Cutters/Drills	Taps*	Cutters/Drills	Taps*	Cutters/Drills	Taps*
0.5-7	-	0.5-10	M3-M8	0.5-13	M3-M10	0.5-16	M3-M16	2-20	M3-M16	3-30	M5-M27	6-34	M5-M42

*Recommended only to tap with ER collets with square drive. Larger diameter taps may be possible to clamp with standard ER collets, however taps are liable to slip in the collet under high torque.

ER COLLET TYPES

STANDARD P1010

- 10µm or 5µm run out



ANTI-CORROSION P1010

- 5µm or 2µm run out
- Special film to prevent corrosion
- 12 slot design for increased rigidity



THROUGH COOLANT P1011

- 10µm or 5µm run out
- Available in standard 30 bar pressure or 130 bar high pressure type



TENSION TAP TYPE P1012

- Designed for tapping
- Square drive to prevent tap from slipping
- Tension axial length compensation



FIXED TAP TYPE P1012

- Designed for tapping
- Square drive to prevent tap from slipping



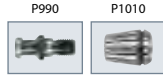


ER COLLET CHUCKS BT MAS

High Quality ER Collet Chucks for General Machining in Gauge Lengths up to 200mm

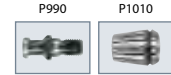
WITH STANDARD NUT

- ▶ Balanced to G6.3 15,000RPM
- ▶ ≤200mm gauge length
- ▶ AD/B through coolant (*AD through coolant)
- ▶ ER16 supplied with hexagon nut



WITH MINI NUT

- ▶ Balanced to G6.3 15,000RPM
- ▶ ≤200mm gauge length
- ▶ AD/B through coolant (BT30 AD only)



BALANCED 15,000RPM • G6.3

Taper	ER	Nut Dia.	Gauge Length	ORDER CODE	PRICE
BT30	ER16	28	70	BT30-ER16-70*	▲
			100	BT30-ER16-100*	▲
	ER25	42	70	BT30-ER25-70*	▲
			100	BT30-ER25-100*	▲
	ER32	50	70	BT30-ER32-70*	▲
			100	BT30-ER32-100*	▲
BT40	ER16	28	70	BT40-ER16-70*	▲
			70	BT40AD/B-ER16-70	▲
			100	BT40-ER16-100*	▲
			100	BT40AD/B-ER16-100	▲
			160	BT40AD/B-ER16-160	▲
			200	BT40AD/B-ER16-200	▲
	ER20	35	70	BT40-ER20-70*	▲
			70	BT40AD/B-ER20-70	▲
			100	BT40-ER20-100*	▲
			100	BT40AD/B-ER20-100	▲
	ER25	42	70	BT40AD/B-ER20-160	▲
			160	BT40AD/B-ER20-160	▲
			70	BT40-ER25-70*	▲
			70	BT40AD/B-ER25-70	▲
			100	BT40-ER25-100*	▲
			100	BT40AD/B-ER25-100	▲
	ER32	50	100	BT40AD/B-ER25-160	▲
			160	BT40AD/B-ER25-160	▲
200			BT40AD/B-ER25-200	▲	
70			BT40-ER32-70*	▲	
70			BT40AD/B-ER32-70	▲	
100			BT40-ER32-100*	▲	
ER40	63	100	BT40AD/B-ER32-100	▲	
		100	BT40AD/B-ER32-100	▲	
		160	BT40AD/B-ER32-160	▲	
		200	BT40AD/B-ER32-200	▲	
		70	BT40-ER40-70*	▲	
		70	BT40AD/B-ER40-70	▲	
BT50	ER16*	28	100	BT40AD/B-ER40-100	▲
			100	BT40AD/B-ER40-100	▲
			160	BT40AD/B-ER40-160	▲
	ER25	42	80	BT50AD/B-ER16-80	▲
			100	BT50AD/B-ER16-100	▲
			160	BT50AD/B-ER16-160	▲
			200	BT50AD/B-ER16-200	▲
	ER32	50	80	BT50AD/B-ER25-80	▲
			100	BT50AD/B-ER25-100	▲
			160	BT50AD/B-ER25-160	▲
			200	BT50AD/B-ER25-200	▲
	ER40	63	80	BT50AD/B-ER32-80	▲
100			BT50AD/B-ER32-100	▲	
160			BT50AD/B-ER32-160	▲	
200			BT50AD/B-ER32-200	▲	
ER50	63	80	BT50AD/B-ER40-80	▲	
		100	BT50AD/B-ER40-100	▲	
		160	BT50AD/B-ER40-160	▲	
		200	BT50AD/B-ER40-200	▲	

BALANCED 15,000RPM • G6.3

Taper	ER	Nut Dia.	Gauge Length	ORDER CODE	PRICE
BT30	ER11	16	70	BT30H70ER11M	▲
			100	BT30H100ER11M	▲
	ER16	20	70	BT30H70ER16M	▲
			100	BT30H100ER16M	▲
BT40	ER11	16	70	BT40H70ER11M	▲
			100	BT40-H100ER11M	▲
			160	BT40-H160ER11M	▲
	ER16	20	70	BT40H70ER16M	▲
			100	BT40-H100ER16M	▲
			160	BT40-H160ER16M	▲
			200	BT40-H200ER16M	▲
	ER20	28	70	BT40H70ER20M	▲
			70	BT40H70ER25M	▲
			160	BT40-H100ER25M	▲
ER25	35	160	BT40-H160ER25M	▲	
		160	BT40-H160ER25M	▲	
		200	BT40-H200ER25M	▲	
		100	BT50-H100ER16M	▲	
BT50	ER16	20	160	BT50-H160ER16M	▲
			100	BT50-H100ER25M	▲
	ER25	35	100	BT50-H100ER25M	▲
			160	BT50-H160ER25M	▲

DOUBLE ASSEMBLY POT BT MAS

- ▶ For vertical and horizontal assembly



Taper	ORDER CODE	PRICE
BT30	237-32130	▲
BT40	237-32330	▲
BT50	237-32530	▲

▲ UK stock - Generally x-stock for next day delivery ▼ European stock - Generally 2-3 days delivery (please check for lead times)

WRENCHES & NUTS STANDARD ER COLLET CHUCKS

WRENCH	HEXAGON NUT		STANDARD NUT					
	ER16	ER20	ER16	ER20	ER25	ER32	ER40	ER50
NUT	CN16	CN20	CN16-2	CN20-2	CN25	CN32	CN40	CN50

WRENCHES & NUTS MINI NUT ER COLLET CHUCKS

WRENCH	MINI NUT			
	ER11	ER16	ER20	ER25
NUT	CNM11-2	CNM16-2	CNM20-2	CNM25-2





ER COLLET CHUCKS, CUTWEL MICRO⁵ BT MAS

Cutwel MICRO⁵ High Precision High Speed ER Collet Chucks with Guaranteed <0.005mm Run-Out

- ▶ High precision and high speed
- ▶ Balanced to G2.5 20,000RPM
- ▶ AD/B through coolant
- ▶ Run-Out <0.005mm at 2.5xD (when used with high precision ER collets)



HIGH PRECISION & HIGH SPEED • BALANCED 20,000RPM • G2.5

Taper	ER	Nut Dia.	Gauge Length	ORDER CODE	PRICE
BT30	ER16	30	70	BT30AD/B-ER16-70-M5 ▼	
	ER25	40		BT30AD/B-ER25-70-M5 ▼	
	ER32	50		BT30AD/B-ER32-70-M5 ▼	
BT40	ER16	30	70	BT40AD/B-ER16-70-M5 ▲	
			100	BT40AD/B-ER16-100-M5 ▼	
	ER25	40	70	BT40AD/B-ER25-70-M5 ▲	
			100	BT40AD/B-ER25-100-M5 ▼	
	ER32	50	70	BT40AD/B-ER32-70-M5 ▲	
			100	BT40AD/B-ER32-100-M5 ▼	
BT50	ER16	30	80	BT50AD/B-ER16-80-M5 ▼	
			100	BT50AD/B-ER16-100-M5 ▼	
	ER25	40	80	BT50AD/B-ER25-80-M5 ▼	
			100	BT50AD/B-ER25-100-M5 ▼	
	ER32	50	80	BT50AD/B-ER32-80-M5 ▼	
			100	BT50AD/B-ER32-100-M5 ▼	

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CUTWEL MICRO⁵ ER COLLET CHUCKS

THE SAME FLEXIBILITY AS TRADITIONAL ER COLLET CHUCKS, BUT WITH JUST 5 MICRONS OR LESS RUN-OUT*



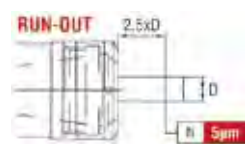
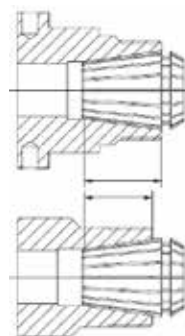
BENEFITS OF LOWER RUN-OUT

The popular misconception of tool run-out is that it is purely about machining accuracy. Many customers believe they do not need tools with low run-out as they are not machining ultra-high accuracy workpieces. However, tool holders with lower run-out vastly increase tool life, improve surface finish, prevent tool chipping and shorten cycle times by reducing vibration, especially in long length or smaller diameter tools.

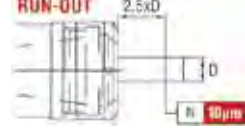
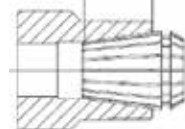
AN INVESTMENT IN HIGHER ACCURACY TOOL HOLDERS WILL GIVE AN INCREASED RETURN ON INVESTMENT THROUGH LONGER TOOL LIFE, REDUCED SCRAP & FASTER MACHINING RATES

*Only when used with high precision (5 micron) ER collets. Ultra precision 2 micron ER collets are also available.

MICRO⁵



STANDARD



MICRO⁵ ER COLLET CHUCKS have a specially designed nut so the collet sits deeper in the chuck body and reduces the chance of deflection resulting in:

- ▶ Increased rigidity and clamping forces
- ▶ Improved grip
- ▶ Higher precision and system concentricity

WRENCHES & NUTS MICRO⁵ ER COLLET CHUCKS

WRENCH	MICRO ⁵ NUT		
	ER16	ER25	ER32
WRENCH	816-203069	816-203070	816-203071
NUT	812-203085	812-203086	812-203087





ER COLLET CHUCKS DIN 69871 - SK

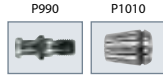
High Quality ER Collet Chucks for General Machining in Gauge Lengths up to 200mm

WITH STANDARD NUT

- ▶ Balanced to G6.3 15,000RPM
- ▶ ≤200mm gauge length
- ▶ AD/B through coolant (*AD through coolant)
- ▶ ER16 supplied with hexagon nut

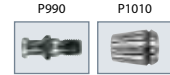


*Coolant form AD (no coolant supply through flange)



WITH MINI NUT

- ▶ Balanced to G6.3 15,000RPM
- ▶ ≤200mm gauge length
- ▶ AD/B through coolant



BALANCED 15,000RPM • G6.3

Taper	ER	Nut Dia.	Gauge Length	ORDER CODE	PRICE
SK40	ER16	28	70	SK40-ER16-70*	▲
			70	SK40AD/B-ER16-70	▲
			100	SK40-ER16-100*	▲
			100	SK40H100ER16	▲
			160	SK40AD/B-ER16-160	▲
			200	SK40AD/B-ER16-200	▲
	ER20	35	70	SK40-ER20-70*	▲
			70	SK40AD/B-ER20-70	▲
			100	SK40-ER20-100*	▲
	ER25	42	70	SK40-ER25-70*	▲
			70	SK40AD/B-ER25-70	▲
			100	SK40-ER25-100*	▲
			100	SK40AD/B-ER25-100	▲
			160	SK40AD/B-ER25-160	▲
			200	SK40AD/B-ER25-200	▲
	ER32	50	70	SK40-ER32-70*	▲
			70	SK40AD/B-ER32-70	▲
			100	SK40-ER32-100*	▲
			100	SK40AD/B-ER32-100	▲
			160	SK40AD/B-ER32-160	▲
			200	SK40AD/B-ER32-200	▲
	ER40	63	70	SK40-ER40-70*	▲
			70	SK40AD/B-ER40-70	▲
			100	SK40-ER40-100*	▲
100			SK40AD/B-ER40-100	▲	
160			SK40AD/B-ER40-160	▲	
SK50	ER16	28	70	SK50AD/B-ER16-70	▲
			100	SK50AD/B-ER16-100	▲
			160	SK50AD/B-ER16-160	▲
	ER25	42	70	SK50AD/B-ER25-70	▲
			100	SK50AD/B-ER25-100	▲
			160	SK50AD/B-ER25-160	▲
	ER32	50	70	SK50AD/B-ER32-70	▲
			100	SK50AD/B-ER32-100	▲
			160	SK50AD/B-ER32-160	▲
	ER40	63	70	SK50AD/B-ER40-80	▲
			100	SK50AD/B-ER40-100	▲
			160	SK50AD/B-ER40-160	▲
ER50	63	100	SK50AD/B-ER50-100	▲	

BALANCED 15,000RPM • G6.3

Taper	ER	Nut Dia.	Gauge Length	ORDER CODE	PRICE
SK40	ER11	16	70	SK40H70ER11M	▲
			100	SK40-H100ER11M	▲
			160	SK40-H160ER11M	▲
	ER16	20	70	SK40H70ER16M	▲
			100	SK40-H100ER16M	▲
			160	SK40-H160ER16M	▲
			200	SK40-H200ER16M	▲
	ER20	28	70	SK40H70ER20M	▲
	ER25	35	70	SK40H70ER25M	▲
			160	SK40-H100ER25M	▲
			160	SK40-H160ER25M	▲
			200	SK40-H200ER25M	▲
SK50	ER16	20	100	SK50-H100ER16M	▲
			160	SK50-H160ER16M	▲
	ER25	35	100	SK50-H100ER25M	▲
			160	SK50-H160ER25M	▲

DOUBLE ASSEMBLY POT DIN 69871

- ▶ For vertical and horizontal assembly



Taper	ORDER CODE	PRICE
SK40 DIN 69871	237-32320	▲
SK50 DIN 69871	237-32520	▲

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WRENCHES & NUTS STANDARD ER COLLET CHUCKS

	HEXAGON NUT		STANDARD NUT					
	ER16	ER20	ER16	ER20	ER25	ER32	ER40	ER50
WRENCH	WER16	WER20	WER16-2	WER20-2	WER25	WER32	WER40	WER50
NUT	CN16	CN20	CN16-2	CN20-2	CN25	CN32	CN40	CN50

WRENCHES & NUTS MINI NUT ER COLLET CHUCKS

	MINI NUT			
	ER11	ER16	ER20	ER25
WRENCH	WM11-2	WM16-2	WM20-2	WM25-2
NUT	CNM11-2	CNM16-2	CNM20-2	CNM25-2

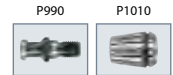




ER COLLET CHUCKS, CUTWEL MICRO⁵ DIN 69871 - SK

Cutwel MICRO⁵ High Precision High Speed ER Collet Chucks with Guaranteed <0.005mm Run-Out

- ▶ High precision and high speed
- ▶ Balanced to G2.5 20,000RPM
- ▶ AD/B through coolant
- ▶ Run-Out <0.005mm at 2.5xD (when used with high precision ER collets)



HIGH PRECISION & HIGH SPEED • BALANCED 20,000RPM • G2.5

Taper	ER	Nut Dia.	Gauge Length	ORDER CODE	PRICE
SK40	ER16	30	70	SK40AD/B-ER16-70-M5 ▼	
			100	SK40AD/B-ER16-100-M5 ▼	
	ER25	40	70	SK40AD/B-ER25-70-M5 ▼	
			100	SK40AD/B-ER25-100-M5 ▼	
	ER32	50	70	SK40AD/B-ER32-70-M5 ▼	
			100	SK40AD/B-ER32-100-M5 ▼	
SK50	ER16	30	70	SK50AD/B-ER16-70-M5 ▼	
			100	SK50AD/B-ER16-100-M5 ▼	
	ER25	40	70	SK50AD/B-ER25-70-M5 ▼	
			100	SK50AD/B-ER25-100-M5 ▼	
	ER32	50	70	SK50AD/B-ER32-70-M5 ▼	
			100	SK50AD/B-ER32-100-M5 ▼	

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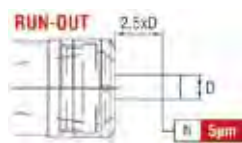
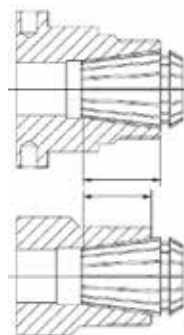
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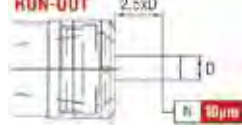
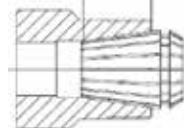
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*Only when used with high precision (5 micron) ER collets. Ultra precision 2 micron ER collets are also available.

MICRO⁵



STANDARD



MICRO⁵ ER COLLET CHUCKS have a specially designed nut so the collet sits deeper in the chuck body and reduces the chance of deflection resulting in:

- ▶ Increased rigidity and clamping forces
- ▶ Improved grip
- ▶ Higher precision and system concentricity

WRENCHES & NUTS MICRO⁵ ER COLLET CHUCKS

WRENCH	MICRO ⁵ NUT		
	ER16	ER25	ER32
NUT	816-203069	816-203070	816-203071
	812-203085	812-203086	812-203087





ER COLLET CHUCKS HSK-A

High Quality ER Collet Chucks for General Machining in Gauge Lengths up to 200mm

WITH STANDARD NUT

- ▶ Balanced to G6.3 15,000RPM
- ▶ ≤200mm gauge length
- ▶ AD through coolant



P1010



WITH MINI NUT

- ▶ Balanced to G6.3 15,000RPM or G2.5 30,000RPM
- ▶ ≤200mm gauge length
- ▶ AD through coolant



P1010



BALANCED 15,000RPM • G6.3

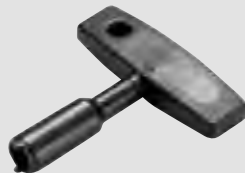
Taper	ER	Nut Dia.	Gauge Length	ORDER CODE	PRICE
HSK50	ER16	32	70	HSK50-ER16-70A ▲	
			100	HSK50-ER16-100A ▲	
			160	HSK50-ER16-160A ▼	
	ER25	42	70	HSK50-ER25-70A ▼	
			100	HSK50-ER25-100A ▲	
			160	HSK50-ER25-160A ▼	
	ER32	50	70	HSK50-ER32-70A ▲	
			100	HSK50-ER32-100A ▲	
			160	HSK50-ER32-160A ▼	
	ER40	63	100	HSK50-ER40-100A ▼	
			160	HSK50-ER40-160A ▼	
	HSK63	ER16	32	80	HSK63-ER16-80A ▲
100				HSK63-ER16-100A ▲	
160				HSK63-ER16-160A ▲	
ER25		42	80	HSK63-ER25-80A ▲	
			100	HSK63-ER25-100A ▲	
			160	HSK63-ER25-160A ▲	
ER32		50	80	HSK63-ER32-80A ▲	
			100	HSK63-ER32-100A ▲	
			160	HSK63-ER32-160A ▲	
ER40		63	80	HSK63-ER40-80A ▲	
			100	HSK63-ER40-100A ▲	
			160	HSK63-ER40-160A ▲	
HSK100	ER16	32	100	HSK100-ER16-100A ▲	
			100	HSK100-ER25-100A ▲	
			160	HSK100-ER25-160A ▲	
	ER25	42	160	HSK100-ER25-200A ▲	
			100	HSK100-ER32-100A ▲	
			160	HSK100-ER32-160A ▲	
	ER32	50	100	HSK100-ER32-200A ▲	
			100	HSK100-ER40-100A ▲	
			160	HSK100-ER40-160A ▼	
	ER40	63	100	HSK100-ER40-200A ▼	
			160	HSK100-ER40-160A ▼	
			200	HSK100-ER40-200A ▼	

BALANCED 15,000RPM • G6.3 or 30,000RPM • G2.5

Taper	ER	Nut Dia.	Gauge Length	ORDER CODE	PRICE	
G6.3 15,000RPM						
HSK50	ER11	16	100	HSK50-ER11M-100A ▼		
			160	HSK50-ER11M-160A ▼		
	ER25	35	100	HSK50-ER25M-100A ▼		
			160	HSK50-ER25M-160A ▼		
	HSK63	ER11	16	100	HSK63-ER11M-100A ▲	
				160	HSK63-ER11M-160A ▲	
ER16		20	100	HSK63-ER16M-100A ▲		
			160	HSK63-ER16M-160A ▲		
ER20		28	100	HSK63-ER20M-100A ▲		
			160	HSK63-ER20M-160A ▲		
ER25	35	100	HSK63-ER25M-100A ▲			
		160	HSK63-ER25M-160A ▲			
HSK100	ER16	20	100	HSK100-ER16M-100A ▲		
			160	HSK100-ER16M-160A ▲		
	ER20	28	100	HSK100-ER20M-100A ▲		
			160	HSK100-ER20M-160A ▲		
	ER25	35	100	HSK100-ER25M-100A ▲		
			160	HSK100-ER25M-160A ▲		
G2.5 30,000RPM						
HSK63	ER11	16	100	HSK63AH100ER11M ▼		
			160	HSK63AH160ER11M ▲		
	ER16	20	100	HSK63AH100ER16M ▲		
			160	HSK63AH160ER16M ▲		
	ER20	28	100	HSK63AH100ER20M ▼		
			160	HSK63AH160ER20M ▼		
ER25	35	100	HSK63AH100ER25M ▲			
		160	HSK63AH160ER25M ▲			
HSK100	ER16	20	100	HSK100AH100ER16M ▼		

COOLANT TUBES & KEYS HSK-A

- ▶ For through coolant supply on HSK tool holders (sold separately)



	HSK50-A	HSK63-A	HSK100-A
COOLANT TUBE	950APR01	963APR01	910APR01
COOLANT TUBE KEY	950CHVAR	963CHVAR	910CHVAR

▲ UK stock - Generally x-stock for next day delivery ▼ European stock - Generally 2-3 days delivery (please check for lead times)

WRENCHES & NUTS STANDARD ER COLLET CHUCKS

	HEXAGON NUT		STANDARD NUT		
	ER16	ER16	ER25	ER32	ER40
WRENCH	WER16	WER16-2	WER25	WER32	WER40
NUT	CN16	CN16-2	CN25	CN32	CN40

DOUBLE ASSEMBLY POT HSK-A

- ▶ For vertical and horizontal assembly



Taper	ORDER CODE	PRICE
HSK50A	237-32350 ▲	
HSK63A	237-32450 ▲	
HSK100A	237-32650 ▲	

WRENCHES & NUTS MINI NUT ER COLLET CHUCKS

	MINI NUT			
	ER11	ER16	ER20	ER25
WRENCH	WM11	WM16	WM20	WM25
NUT	CNM11	CNM16	CNM20	CNM25





ER COLLET CHUCKS, CUTWEL MICRO⁵ HSK-A

Cutwel MICRO⁵ High Precision High Speed ER Collet Chucks with Guaranteed <0.005mm Run-Out

- ▶ High precision and high speed
- ▶ Balanced to G2.5 20,000RPM
- ▶ AD through coolant
- ▶ Run-Out <0.005mm at 2.5xD (when used with high precision ER collets)



P1010



HIGH PRECISION & HIGH SPEED • BALANCED 20,000RPM • G2.5

Taper	ER	Nut Dia.	Gauge Length	ORDER CODE	PRICE
HSK63 A	ER16	30	75	HSK63A-ER16-75-M5 ▼	
			100	HSK63A-ER16-100-M5 ▼	
			160	HSK63A-ER16-160-M5 ▼	
	ER25	40	75	HSK63A-ER25-75-M5 ▼	
			100	HSK63A-ER25-100-M5 ▼	
			160	HSK63A-ER25-160-M5 ▼	
	ER32	50	75	HSK63A-ER32-75-M5 ▼	
			100	HSK63A-ER32-100-M5 ▼	
			160	HSK63A-ER32-160-M5 ▼	
HSK100 A	ER25	40	160	HSK100A-ER25-160-M5 ▼	
			100	HSK100A-ER32-100-M5 ▼	
	ER32	50	160	HSK100A-ER32-160-M5 ▼	

▲ UK stock - Generally x-stock for next day delivery ▼ European stock - Generally 2-3 days delivery (please check for lead times)

CUTWEL MICRO⁵ ER COLLET CHUCKS

THE SAME FLEXIBILITY AS TRADITIONAL ER COLLET CHUCKS, BUT WITH JUST 5 MICRONS OR LESS RUN-OUT*



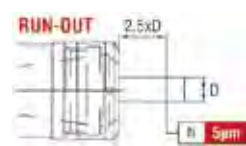
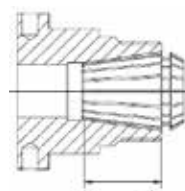
BENEFITS OF LOWER RUN-OUT

The popular misconception of tool run-out is that it is purely about machining accuracy. Many customers believe they do not need tools with low run-out as they are not machining ultra-high accuracy workpieces. However, tool holders with lower run-out vastly increase tool life, improve surface finish, prevent tool chipping and shorten cycle times by reducing vibration, especially in long length or smaller diameter tools.

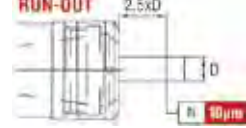
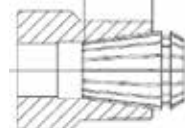
AN INVESTMENT IN HIGHER ACCURACY TOOL HOLDERS WILL GIVE AN INCREASED RETURN ON INVESTMENT THROUGH LONGER TOOL LIFE, REDUCED SCRAP & FASTER MACHINING RATES

*Only when used with high precision (5 micron) ER collets. Ultra precision 2 micron ER collets are also available.

MICRO⁵



STANDARD



MICRO⁵ ER COLLET CHUCKS have a specially designed nut so the collet sits deeper in the chuck body and reduces the chance of deflection resulting in:

- ▶ Increased rigidity and clamping forces
- ▶ Improved grip
- ▶ Higher precision and system concentricity

WRENCHES & NUTS MICRO⁵ ER COLLET CHUCKS

WRENCH	MICRO ⁵ NUT		
	ER16	ER25	ER32
WRENCH	816-203069	816-203070	816-203071
NUT	812-203085	812-203086	812-203087





ER COLLET CHUCKS HSK-E

High Quality ER Collet Chucks for General & High Speed Machining in Gauge Lengths up to 160mm

WITH STANDARD NUT

- ▶ Balanced to G2.5 20,000RPM
- ▶ ≤160mm gauge length
- ▶ AD through coolant



P1010



WITH MINI NUT

- ▶ Balanced to G2.5 20,000RPM
- ▶ ≤160mm gauge length
- ▶ AD through coolant



P1010



BALANCED 20,000RPM • G2.5

Taper	ER	Nut Dia.	Gauge Length	ORDER CODE	PRICE
HSK50 E	ER16	32	100	HSK50-ER16-100E	▼
			160	HSK50-ER16-160E	▼
	ER25	42	100	HSK50-ER25-100E	▼
			160	HSK50-ER25-160E	▼
	ER32	50	100	HSK50-ER32-100E	▼
			160	HSK50-ER32-160E	▼
	ER40	63	100	HSK50-ER40-100E	▼
			160	HSK50-ER40-160E	▼
HSK63 E	ER16	32	75	HSK63-ER16-75E	▲
			100	HSK63-ER16-100E	▲
			160	HSK63-ER16-160E	▼
	ER25	42	75	HSK63-ER25-75E	▲
			100	HSK63-ER25-100E	▲
			160	HSK63-ER25-160E	▼
	ER32	50	75	HSK63-ER32-75E	▲
			100	HSK63-ER32-100E	▲
			160	HSK63-ER32-160E	▼
	ER40	63	80	HSK63-ER40-80E	▼
			100	HSK63-ER40-100E	▼
			160	HSK63-ER40-160E	▼

BALANCED 20,000RPM • G2.5

Taper	ER	Nut Dia.	Gauge Length	ORDER CODE	PRICE
HSK25 E	ER16	22	43	HSK25-ER16M-43E	▼
HSK32 E	ER16	22	60	HSK32-ER16M-60E	▼
	ER25	35	60	HSK32-ER25M-60E	▼
HSK40 E	ER16	22	70	HSK40-ER16M-70E	▼
			120	HSK40-ER16M-120E	▼
	ER25	35	80	HSK40-ER25M-80E	▼
			120	HSK40-ER25M-120E	▼
HSK50 E	ER16	22	80	HSK50-ER16M-80E	▼
			150	HSK50-ER16M-150E	▼
HSK63 E	ER16	22	90	HSK63-ER16M-90E	▼
			160	HSK63-ER16M-160E	▼

COOLANT TUBES & KEYS HSK-E

- ▶ For through coolant supply on HSK tool holders (sold separately)



	HSK40-E	HSK50-E	HSK63-E
COOLANT TUBE	950APR02	950APR01	963APR01
COOLANT TUBE KEY	816-204022	950CHVAR	963CHVAR

▲ UK stock - Generally x-stock for next day delivery ▼ European stock - Generally 2-3 days delivery (please check for lead times)

DOUBLE ASSEMBLY POT HSK-E

- ▶ For vertical and horizontal assembly



Taper	ORDER CODE	PRICE
HSK40E	237-32270	▼
HSK50E	237-32370	▼
HSK63E	237-32470	▲

WRENCHES & NUTS STANDARD ER COLLET CHUCKS

	STANDARD NUT			
	ER16	ER25	ER32	ER40
WRENCH	WER16-2	WER25	WER32	WER40
NUT	CN16-2	CN25	CN32	CN40

WRENCHES & NUTS MINI NUT ER COLLET CHUCKS

	MINI NUT		
	ER11	ER16	ER25
WRENCH	WM11	WM16	WM25
NUT	CNM11	CNM16	CNM25





ER COLLET CHUCKS HSK-F

High Quality ER Collet Chucks for General & High Speed Machining in Gauge Lengths up to 160mm

WITH STANDARD NUT

- ▶ Balanced to G2.5 20,000RPM
- ▶ ≤160mm gauge length
- ▶ AD through coolant



WITH MINI NUT

- ▶ Balanced to G2.5 20,000RPM
- ▶ ≤160mm gauge length
- ▶ AD through coolant



BALANCED 20,000RPM • G2.5

Taper	ER	Nut Dia.	Gauge Length	ORDER CODE	PRICE
HSK50 F	ER16	32	100	HSK50-ER16-100F ▼	
			160	HSK50-ER16-160F ▼	
	ER25	42	100	HSK50-ER25-100F ▼	
			160	HSK50-ER25-160F ▼	
	ER32	50	100	HSK50-ER32-100F ▼	
			160	HSK50-ER32-160F ▼	
	ER40	63	100	HSK50-ER40-100F ▼	
			160	HSK50-ER40-160F ▼	
HSK63 F	ER16	32	100	HSK63-ER16-100F ▲	
			160	HSK63-ER16-160F ▲	
	ER25	42	100	HSK63-ER25-100F ▲	
			160	HSK63-ER25-160F ▲	
	ER32	50	100	HSK63-ER32-100F ▲	
			160	HSK63-ER32-160F ▲	
	ER40	63	100	HSK63-ER40-100F ▲	
			160	HSK63-ER40-160F ▲	

BALANCED 20,000RPM • G2.5

Taper	ER	Nut Dia.	Gauge Length	ORDER CODE	PRICE
HSK50 F	ER16	22	80	HSK50-ER16M-80F ▼	
	ER25	35	160	HSK50-ER25M-160F ▼	
HSK63 F	ER16	22	100	HSK63-ER16M-100F ▲	
	ER25	35	160	HSK63-ER25M-160F ▲	

COOLANT TUBES & KEYS HSK-F

- ▶ For through coolant supply on HSK tool holders (sold separately)



	HSK50-F	HSK63-F
COOLANT TUBE	950APR02	950APR01
COOLANT TUBE KEY	816-204022	950CHVAR

▲ UK stock - Generally x-stock for next day delivery ▼ European stock - Generally 2-3 days delivery (please check for lead times)

DOUBLE ASSEMBLY POT HSK-F

- ▶ For vertical and horizontal assembly



Taper	ORDER CODE	PRICE
HSK50F	237-32370 ▼	
HSK63F	237-32470 ▲	

WRENCHES & NUTS STANDARD ER COLLET CHUCKS

	STANDARD NUT			
	ER16	ER25	ER32	ER40
WRENCH	WER16-2	WER25	WER32	WER40
NUT	CN16-2	CN25	CN32	CN40

WRENCHES & NUTS MINI NUT ER COLLET CHUCKS

	MINI NUT		
	ER11	ER16	ER25
WRENCH	WM11	WM16	WM25
NUT	CNM11	CNM16	CNM25





ER COLLET CHUCKS PSC POLYGON SHANK

High Quality ER Collet Chucks for General Machining

WITH STANDARD NUT

► Compatible with Capto turrets



WITH MINI NUT

► Compatible with Capto turrets



CAPTO COMPATIBLE

Taper	ER	Nut Dia.	Gauge Length	ORDER CODE	PRICE
PSC40	ER16	32	70	C40H70ER16	▲
	ER25	42	52	C40H52ER25	▲
	ER32	50	54	C40H54ER32	▲
PSC50	ER16	32	60	C50H60ER16	▲
			100	C50H100ER16	▼
	ER20	35	60	C50H60ER20	▲
			100	C50H100ER20	▼
	ER25	42	60	C50H60ER25	▲
			100	C50H100ER25	▼
	ER32	50	60	C50H60ER32	▲
			100	C50H100ER32	▼
ER40	63	65	C50H65ER40	▼	
		100	C50H100ER40	▼	
PSC63	ER16	32	60	C63H60ER16	▲
			100	C63H100ER16	▲
	ER20	35	60	C63H60ER20	▲
			100	C63H100ER20	▲
	ER25	42	60	C63H60ER25	▲
			100	C63H100ER25	▲
	ER32	50	60	C63H60ER32	▲
			100	C63H100ER32	▲
	ER40	63	70	C63H70ER40	▲
PSC80	ER25	42	70	C80H70ER25	▲
	ER32	50	70	C80H70ER32	▲
	ER40	63	70	C80H70ER40	▼
PSC100	ER32	50	100	18.453.100.32	▼
			160	18.453.100.32/160	▼
	ER40	63	100	18.453.100.40	▼
			160	18.453.100.40/160	▼

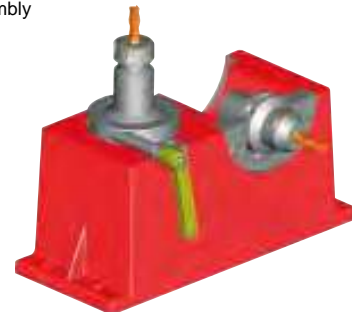
▲ UK stock - Generally x-stock for next day delivery ▼ European stock - Generally 2-3 days delivery (please check for lead times)

CAPTO COMPATIBLE

Taper	ER	Nut Dia.	Gauge Length	ORDER CODE	PRICE
PSC63	ER16	22	60	C63H60ER16M	▲
			100	C63H100ER16M	▲
	ER20	28	60	C63H60ER20M	▲
			100	C63H100ER20M	▲

DOUBLE ASSEMBLY POT PSC

► For vertical and horizontal assembly



Taper	Capto Ref.	ORDER CODE	PRICE
PSC30	C3	237-33110	▼
PSC40	C4	237-33210	▼
PSC50	C5	237-33310	▲
PSC63	C6	237-33410	▲
PSC80	C8	237-33510	▲
PSC100	C10	237-33610	▼

WRENCHES & NUTS STANDARD ER COLLET CHUCKS

	STANDARD NUT				
	ER16	ER20	ER25	ER32	ER40
WRENCH	WER16-2	WER20-2	WER25	WER32	WER40
NUT	CN16-2	CN20-2	CN25	CN32	CN40

WRENCHES & NUTS MINI NUT ER COLLET CHUCKS

	MINI NUT	
	ER16	ER20
WRENCH	WM16	WM20
NUT	CNM16	CNM20





ER COLLET CHUCKS DOUBLE CONTACT, DBT & DSK

The UK's Biggest Range of ER Collet Chucks for General or High Speed Machining

DBT HIGH SPEED

- ▶ Balanced to G2.5 30,000RPM
- ▶ AD/B through coolant (*AD only)
- ▶ For BT MAS Double Contact spindles

DOUBLE CONTACT



G2.5 30000 <5µm Run-out DBT D.C.



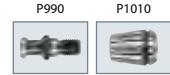
DSK HIGH SPEED

- ▶ Balanced to G2.5 30,000RPM
- ▶ AD/B through coolant
- ▶ For DIN 69871 Double Contact spindles

DOUBLE CONTACT



G2.5 30000 <5µm Run-out DSK D.C.



BALANCED 30,000RPM • G2.5

Taper	ER	Nut Dia.	Gauge Length	ORDER CODE	PRICE
DBT30	ER16	32	70	DBT30-ER16-70*	▼
	ER20	35	70	DBT30-ER20-70*	▼
	ER25	42	70	DBT30-ER25-70*	▼
	ER32	50	70	DBT30-ER32-70*	▼
DBT40	ER16	32	70	DBT40-ER16-70	▼
			100	DBT40-ER16-100	▼
	ER25	42	70	DBT40-ER25-70	▼
			100	DBT40-ER25-100	▼
	ER32	50	70	DBT40-ER32-70	▼
			100	DBT40-ER32-100	▼
	ER40	63	70	DBT40-ER40-70	▼
			100	DBT40-ER40-100	▼
DBT50	ER32	50	80	DBT50-ER32-80	▼
			100	DBT50-ER32-100	▼
			160	DBT50-ER32-160	▼
			200	DBT50-ER32-200	▼
	ER40	63	80	DBT50-ER40-80	▼
			100	DBT50-ER40-100	▼

BALANCED 30,000RPM • G2.5

Taper	ER	Nut Dia.	Gauge Length	ORDER CODE	PRICE
DSK40	ER16	32	70	DSK40-ER16-70	▼
			100	DSK40-ER16-100	▼
	ER25	42	70	DSK40-ER25-70	▼
			100	DSK40-ER25-100	▼
ER32	50	70	DSK40-ER32-70	▲	
		100	DSK40-ER32-100	▼	
ER40	63	70	DSK40-ER40-70	▼	
		100	DSK40-ER40-100	▼	
DSK50	ER32	50	70	DSK50-ER32-70	▼
			100	DSK50-ER32-100	▼
			160	DSK50-ER32-160	▼
			200	DSK50-ER32-200	▼
	ER40	63	80	DSK50-ER40-80	▼
			100	DSK50-ER40-100	▼

DBT HIGH SPEED

- ▶ Balanced to G2.5 25,000RPM
- ▶ AD through coolant
- ▶ For BT MAS Double Contact spindles
- ▶ ER16 supplied with hexagon nut

DOUBLE CONTACT



G2.5 25000 DBT D.C.



DOUBLE ASSEMBLY POT DBT & DSK

- ▶ For vertical and horizontal assembly



BALANCED 25,000RPM • G2.5

Taper	ER	Nut Dia.	Gauge Length	ORDER CODE	PRICE
DBT40	ER16	32	75	CBT40-ER16-75	▲
			100	CBT40-ER16-100	▲
	ER25	42	75	CBT40-ER25-75	▲
			100	CBT40-ER25-100	▲
	ER32	50	60	CBT40-ER32-60	▲
			100	CBT40-ER32-100	▲
ER40	63	80	CBT40-ER40-80	▲	

Taper	ORDER CODE	PRICE
DBT30 / BT30	237-32130	▲
DBT40 / BT40	237-32330	▲
DBT50 / BT50	237-32530	▲
DSK40 / SK40	237-32320	▲
DSK50 / SK50	237-32520	▲

▲ UK stock - Generally x-stock for next day delivery ▼ European stock - Generally 2-3 days delivery (please check for lead times)

WRENCHES & NUTS ER

	G2.5 25,000RPM ER COLLET CHUCKS					G2.5 30,000RPM ER COLLET CHUCKS				
	ER16-HEX	ER16-STD	ER25	ER32	ER40	ER16	ER20	ER25	ER32	ER40
WRENCH	WER16	WER16-2	WER25	WER32	WER40	WER16-2	WER20-2	WER25	WER32	WER40
NUT	CN16	CN16-2	CN25	CN32	CN40	812-203080	812-203081	812-203082	812-203083	812-203084





ER COLLET CHUCKS DIN 2080 & DIN 2080 QUICK CHANGE

The UK's Biggest Range of ER Collet Chucks for General or High Speed Machining

DIN 2080

- ▶ For metric draw bars
- ▶ ER16 supplied with hexagon nut



P1010



DIN 2080 QUICK CHANGE

- ▶ Quick change 30 & 40 taper
- ▶ Compatible with Bristol Erickson quick change tooling system



P1010



BALANCED 8,000RPM • G6.3

Taper	ER	Nut Dia.	Gauge Length	ORDER CODE	PRICE
ISO30	ER16	28	70	ISO30-ER16-70	▲
	ER32	50	70	ISO30-ER32-70	▲
ISO40	ER16	28	70	ISO40-ER16-50	▲
			100	ISO40-ER16-100	▲
			160	ISO40-ER16-160	▲
	ER25	42	70	ISO40-ER25-50	▲
			100	ISO40-ER25-100	▲
			160	ISO40-ER25-160	▲
	ER32	50	70	ISO40-ER32-70	▲
			100	ISO40-ER32-100	▲
			160	ISO40-ER32-160	▲
	ER40	63	70	ISO40-ER40-70	▲
			100	ISO40-ER40-100	▲
	ISO50	ER16	28	100	ISO50-ER16-100
ER25		42	100	ISO50-ER25-100	▲
ER32		50	100	ISO50-ER32-100	▲
ER40		63	100	ISO50-ER40-100	▼

BALANCED 8,000RPM • G6.3

Taper	ER	Nut Dia.	Gauge Length	ORDER CODE	PRICE
QC30	ER16	32	50	ISO30-ER16-50QC	▲
	ER32	50	50	ISO30-ER32-50QC	▲
QC40	ER16	32	100	7616-40-16-100QC	▼
	ER32	50	60	7616-40-32-60QC	▲

DOUBLE ASSEMBLY POT DIN 2080

- ▶ For vertical and horizontal assembly



Taper	ORDER CODE	PRICE
ISO30 DIN2080	237-32110	▲
ISO40 DIN2080	237-32310	▲
ISO50 DIN2080	237-32510	▼

▲ UK stock - Generally x-stock for next day delivery ▼ European stock - Generally 2-3 days delivery (please check for lead times)

WRENCHES & NUTS ER COLLET CHUCKS

	HEX. NUT		STANDARD NUT			
	ER16	ER16	ER20	ER25	ER32	ER40
WRENCH	WER16	WER16-2	WER20-2	WER25	WER32	WER40
NUT	CN16	CN16-2	CN20-2	CN25	CN32	CN40





ER COLLET CHUCKS R8 & ROUND SHANK

The UK's Biggest Range of ER Collet Chucks for General or High Speed Machining

ER COLLET CHUCK R8

► R8 Bridgeport taper



P1010



R8

FOR BRIDGEPORT & CONVENTIONAL MILLING MACHINES

Taper	ER	Key Way	Draw Bar Thread	Nut Diameter	ORDER CODE	PRICE
R8	ER16	5mm	7/16 x 20UNF	32	R8-ER16	▲
	ER25			42	R8-ER25	▲
	ER32			50	R8-ER32	▲
	ER40			63	R8-ER40	▲

FLOATING TOOLHOLDERS FOR ER COLLETS



P1010



FOR BRIDGEPORT & CONVENTIONAL MILLING MACHINES

D	L	H	D1	ER	E	ORDER CODE	PRICE
16	46	40	2-7	ER11	40	832-021184	▲
25	46	48	2-13	ER20	40	832-021185	▲
25	46	50	2-16	ER25	61	832-021186	▲
25	50	58	3-20	ER32	61	832-021187	▲

▲ UK stock - Generally x-stock for next day delivery ▼ European stock - Generally 2-3 days delivery (please check for lead times)



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ER COLLET CHUCKS STRAIGHT SHANK

The UK's Biggest Range of ER Collet Chucks for General or High Speed Machining

WITH STANDARD NUT

- ▶ Straight cylindrical shank DIN 6499
- ▶ ER16 supplied with hexagon nut



WITH MINI NUT

- ▶ Straight cylindrical shank DIN 6499



ER COLLET CHUCK EXTENSIONS

Shank Dia.	ER	Nut Dia.	Shank Length	Head Length	ORDER CODE	PRICE	
16	ER16	32	60	36	C16-ER16-60	▲	
			100		C16-ER16-100	▲	
	ER25	42	35	46	C16-ER25-35	▲	
			70		C16-ER25-70	▲	
20	ER16	32	50	31	C20-ER16-50	▲	
			100		C20-ER16-100	▲	
			160		C20-ER16-160	▲	
	ER25	42	50	46	C20-ER25-50	▲	
			100		C20-ER25-100	▲	
			150		C20-ER25-150	▲	
	ER32	50	50	54	C20-ER32-50	▲	
			100		C20-ER32-100	▲	
			160		C20-ER32-160	▲	
	25	ER25	42	100	46	C25-ER25-100	▲
				150		C25-ER25-150	▲
		ER32	50	50	54	C25-ER32-50	▲
70				C25-ER32-70		▲	
100				C25-ER32-80		▲	
160				C25-ER32-160		▲	
ER40		63	50	60	C25-ER40-50	▲	
			100		C25-ER40-100	▲	
32	ER25	42	60	28	C32-ER25-60	▲	
			120		C32-ER25-120	▲	
	ER32	50	50	38	C32-ER32-50	▲	
			100		C32-ER32-100	▲	
			150		C32-ER32-150	▲	
	ER40	63	100	60	C32-ER40-100	▲	
40	ER25	42	70	42	C40-ER25-70	▲	
			120		C40-ER25-120	▲	
	ER32	50	100	30	C40-ER32-100	▲	
			130		C40-ER32-130	▲	
ER40	63	80	60	C40-ER40-80	▲		
		130		C40-ER40-130	▲		
50	ER32	50	155	32	C50-ER32-155	▲	
	ER40	63	160	37	C50-ER40-160	▲	

ER COLLET CHUCK EXTENSIONS

Shank Dia.	ER	Nut Dia.	Shank Length	Head Length	ORDER CODE	PRICE
6	ER11	16	45	30	C6-ER11-45M	▲
8	ER11	16	55	30	C8-ER11-55M	▲
			100		C8-ER11-100M	▲
10	ER11	16	55	30	C10-ER11-55M	▲
			100		C10-ER11-100M	▲
	ER16	22	60	39	C10-ER16-60M	▲
			100		C10-ER16-100M	▲
12	ER11	16	55	30	C12-ER11-55M	▲
			100		C12-ER11-100M	▲
	ER16	22	80	37	C12-ER16-80M	▲
			120		C12-ER16-120M	▲
16	ER11	16	50	22	C16-ER11-50M	▲
			100		C16-ER11-100M	▲
			160		C16-ER11-160M	▲
	ER16	22	100	40	C16-ER16-100M	▲
			150		C16-ER16-150M	▲
	ER20	28	55	42	C16-ER20-55M	▲
ER20	28	130	42	C16-ER20-130M	▲	
20	ER11	16	50	22	C20-ER11-50M	▲
			100		C20-ER11-100M	▲
	ER16	22	100	30	C20-ER16-100M	▲
			150		C20-ER16-150M	▲
	ER20	28	60	42	C20-ER20-60M	▲
			100		C20-ER20-100M	▲
ER25	35	60	46	C20-ER25-60M	▲	
		100		C20-ER25-100M	▲	
25	ER16	22	60	27	C25-ER16-60M	▲
			100		C25-ER16-100M	▲
			160		C25-ER16-160M	▲
	ER20	28	100	28	C25-ER20-100M	▲
			160		C25-ER20-160M	▲
	ER25	35	120	32	C25-ER25-120M	▲
32	ER16	22	90	30	C32-ER16-90M	▲
	ER20	28	90	27	C32-ER20-90M	▲

▲ UK stock - Generally x-stock for next day delivery ▼ European stock - Generally 2-3 days delivery (please check for lead times)

WRENCHES & NUTS STANDARD ER COLLET CHUCKS

WRENCH	HEXAGON NUT		STANDARD NUT				
	ER16	ER20	ER16	ER20	ER25	ER32	ER40
NUT	WER16	WER20	WER16-2	WER20-2	WER25	WER32	WER50
	CN16	CN20	CN16-2	CN20-2	CN25	CN32	CN50

WRENCHES & NUTS MINI NUT ER COLLET CHUCKS

WRENCH	MINI NUT			
	ER11	ER16	ER20	ER25
NUT	WM11-2	WM16-2	WM20-2	WM25-2
	CNM11-2	CNM16-2	CNM20-2	CNM25-2





ER COLLET CHUCKS MORSE TAPER

The UK's Biggest Range of ER Collet Chucks for General or High Speed Machining

WITH STANDARD NUT

- ▶ Morse Taper
- ▶ ER16 supplied with hexagon nut



WITH MINI NUT

- ▶ Morse Taper



DIN 228-A MORSE TAPER WITH THREAD

Shank Dia.	ER	Nut Dia.	Head Length	ORDER CODE	PRICE
MT1	ER16	32	40	CM1H40ER16 ▲	
MT2	ER16	32	42	CM2H42ER16 ▲	
	ER20	35	50	CM2H50ER20 ▲	
MT3	ER25	42	53	CM3H53ER25 ▲	
	ER32	50	70	CM3H70ER32 ▲	
MT4	ER32	50	60	CM4H60ER32 ▲	
	ER40	63	81	CM4H81ER40 ▲	

DIN 228-A MORSE TAPER WITH THREAD

Shank Dia.	ER	Nut Dia.	Head Length	ORDER CODE	PRICE
MT1	ER11	25	16	CM1H25ER11M ▲	
	ER16	40	22	CM1H40ER16M ▲	
MT2	ER16	42	22	CM2H42ER16M ▲	
	ER25	54	35	CM2H54ER25M ▲	
MT3	ER16	43	22	CM3H43ER16M ▲	
	ER25	58	35	CM3H58ER25M ▲	

▲ UK stock - Generally x-stock for next day delivery ▼ European stock - Generally 2-3 days delivery (please check for lead times)

WRENCHES & NUTS STANDARD ER COLLET CHUCKS

	HEXAGON NUT		STANDARD NUT				
	ER16	ER20	ER16	ER20	ER25	ER32	ER40
WRENCH	WER16	WER20	WER16-2	WER20-2	WER25	WER32	WER50
NUT	CN16	CN20	CN16-2	CN20-2	CN25	CN32	CN50

WRENCHES & NUTS MINI NUT ER COLLET CHUCKS

	MINI NUT			
	ER11	ER16	ER20	ER25
WRENCH	WM11-2	WM16-2	WM20-2	WM25-2
NUT	CNM11-2	CNM16-2	CNM20-2	CNM25-2

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*Exclusions apply.





ER COLLETS

The UK's Biggest Range of ER Collets for High Precision or General Machining

STANDARD PRECISION <0.01mm TYPE A

- ▶ Spring type (0.5-2mm collapse)
- ▶ DIN 6499/R
- ▶ Run-out ≤0.01mm*
- *ER50 run-out <0.015mm



DIN 6499/R <10µm Run-out

ER	Clamping Range	Collet Size Range	Collapsing Range	ORDER CODE	PRICE
ER11	0.5-7	1-7 (0.5 incs.)	0.5	ER11_ ▲	
ER16	0.5-3.5 3-10	1-3.5 (0.5 incs.) 4-10 (1 incs.)	0.5 1.0	ER16_ ▲	
ER20	0.5-3 3-13	1-3 (0.5 incs.) 4-13 (1 incs.)	0.5 1.0	ER20_ ▲	
ER25	0.5-3 3-16	1-3 (0.5 incs.) 4-16 (1 incs.)	0.5 1.0	ER25_ ▲	
ER32	1-2.5 2.5-20	2-2.5 (0.5 incs.) 3-20 (1 incs.)	0.5 1.0	ER32_ ▲	
ER40	2-30	3-26 (1 incs.) +30	1.0	ER40_ ▲	
ER50	4-34	6-34 (1 incs.)	2.0	ER50_ ▲	

HIGH PRECISION <0.005mm TYPE B

- ▶ Nominal diameter clamping only
- ▶ DIN 6499/B
- ▶ Run-out <0.005mm
- ▶ Improve tool life with higher precision ER collets



DIN 6499/B <5µm Run-out

ER	Clamping Range	Collet Size Range	Collapsing Range	ORDER CODE	PRICE
ER11	1-7	1-7 (0.5 incs.)	-	ER11HPD_ ▲	
ER16	1-10	1-2.5 (0.5 incs.) 3-10 (1 incs.)	-	ER16HPD_ ▲	
ER20	1-13	1-13 (1 incs.)	-	ER20HPD_ ▲	
ER25	1-16	1-16 (1 incs.)	-	ER25HPD_ ▲	
ER32	2-20	2-20 (1 incs.)	-	ER32HPD_ ▲	
ER40	3-30	3-30 (1 incs.)	-	ER40HPD_ ▲	

ANTI-CORROSION HIGH PRECISION <0.005mm TYPE C

- ▶ Special 12 slot design for increased accuracy & higher clamping forces
- ▶ Spring type (0.5-1mm collapse)
- ▶ Microfilm anti-corrosion coating
- ▶ Made in Germany
- ▶ Run-out <0.005mm



Microfilm coating prevents rust or corrosion from coolant, cleaning solutions, salts or gases.

<5µm Run-out



ER	Clamping Range	Collet Size Range	Collapsing Range	ORDER CODE	PRICE
ER11	0.5-7	1-7 (0.5 incs.)	0.5	GERC11_ ▲	
ER16	1-10	1-2 (1 incs.) 3-10 (1 incs.)	0.5 1.0	GERC16_ ▲	
ER20	1.5-13	2 (1 incs.) 3-13 (1 incs.)	0.5 1.0	GERC20_ ▲	
ER25	1.5-16	2 (1 incs.) 3-16 (1 incs.)	0.5 1.0	GERC25_ ▲	
ER32	2-20	3-20 (1 incs.)	1.0	GERC32_ ▲	
ER40	3-26	4-26 (1 incs.)	1.0	GERC40_ ▲	

ANTI-CORROSION ULTRA PRECISION <0.002mm TYPE D

- ▶ Special 12 slot design for increased accuracy & higher clamping forces
- ▶ Nominal diameter clamping only
- ▶ Microfilm anti-corrosion coating
- ▶ Made in Germany
- ▶ Run-out <0.002mm



Microfilm coating prevents rust or corrosion from coolant, cleaning solutions, salts or gases.

<2µm Run-out



ER	Clamping Range	Collet Size Range	Collapsing Range	ORDER CODE	PRICE
ER16	3-10	3-6 (1 incs.) 8-10 (2 incs.)	-	GERC16_ ▲	
ER20	3-13	3-6 (1 incs.) 8-12 (2 incs.)	-	GERC20_ ▲	
ER25	4-16	4-16 (2 incs.)	-	GERC25_ ▲	
ER32	4-20	4-20 (2 incs.)	-	GERC32_ ▲	

▲ UK stock - Generally x-stock for next day delivery

▼ European stock - Generally 2-3 days delivery (please check for lead times)





THROUGH COOLANT ER COLLETS

The UK's Biggest Range of ER Collets for High Precision or General Machining

STANDARD PRECISION <0.01mm TYPE E
MAX PRESSURE 30 BAR

- ▶ Nominal diameter clamping only
- ▶ DIN 6499/A
- ▶ Run-out <0.01mm



DIN 6499/A <10µm Run-out

ER	Collet Size Range	Collapsing Range	ORDER CODE	PRICE
ER11	1-7 (0.5 incs.)	-	ER11VGD-__ ▲	
ER16	1-10 (1 incs.)	-	ER16VGD-__ ▲	
ER20	3-13 (1 incs.)	-	ER20VGD-__ ▲	
ER25	2-16 (1 incs.)	-	ER25VGD-__ ▲	
ER32	3-20 (1 incs.)	-	ER32VGD-__ ▲	
ER40	4-26 (1 incs.)	-	ER40VGD-__ ▲	

HIGH PRECISION <0.005mm TYPE F
MAX PRESSURE 30 BAR

- ▶ Nominal diameter clamping only
- ▶ DIN 6499/A
- ▶ Run-out <0.005mm



DIN 6499/A <5µm Run-out

ER	Collet Size Range	Collapsing Range	ORDER CODE	PRICE
ER11	1-7 (0.5 incs.)	-	ER11VGHPD-__ ▲	
ER16	1-10 (1 incs.)	-	ER16VGHPD-__ ▲	
ER20	3-13 (1 incs.)	-	ER20VGHPD-__ ▲	
ER25	2-16 (1 incs.)	-	ER25VGHPD-__ ▲	
ER32	3-20 (1 incs.)	-	ER32VGHPD-__ ▲	
ER40	4-26 (1 incs.)	-	ER40VGHPD-__ ▲	

STANDARD PRECISION <0.01mm TYPE G
HIGH PRESSURE MAX 130 BAR

- ▶ Nominal diameter clamping only
- ▶ DIN 6499/A
- ▶ Run-out <0.01mm



DIN 6499/A <10µm Run-out

ER	Collet Size Range	Collapsing Range	ORDER CODE	PRICE
ER16	1-10 (1 incs.)	-	ERC16D-__ ▲	
ER20	3-13 (1 incs.)	-	ERC20D-__ ▲	
ER25	2-16 (1 incs.)	-	ERC25D-__ ▲	
ER32	3-20 (1 incs.)	-	ERC32D-__ ▲	
ER40	4-26 (1 incs.)	-	ERC40D-__ ▲	

TOOL TROLLEYS

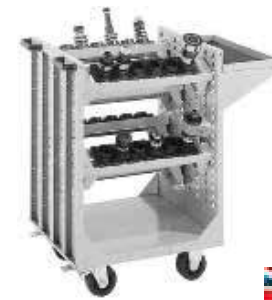
- ▶ Compact or heavy duty options
- ▶ Supplied with 6 sets of tool carriers
- ▶ 10 year guarantee
- ▶ Optional shelf for the heavy duty trolley



Compact Trolley



Heavy Duty Trolley



TAPER	No. Tool Pots	ORDER CODE	PRICE
COMPACT TROLLEY			
ISO/SK/BT 40	36	CPROLLEY-ISO40 ▼	
ISO/SK/BT 50	30	CPROLLEY-ISO50 ▼	
HSK 63A	36	CPROLLEY-HSK63 ▼	
HSK 100A	30	CPROLLEY-HSK100 ▼	
Capto C6	36	CPROLLEY-C6 ▼	
HEAVY DUTY TROLLEY			
ISO/SK/BT 40	36	HDROLLEY-ISO40 ▼	
ISO/SK/BT 50	30	HDROLLEY-ISO50 ▼	
HSK 63A	36	HDROLLEY-HSK63 ▼	
HSK 100A	30	HDROLLEY-HSK100 ▼	
Capto C6	36	HDROLLEY-C6 ▼	
End Shelf	-	12102084.16 ▼	

▲ UK stock - Generally x-stock for next day delivery ▼ European stock - Generally 2-3 days delivery (please check for lead times)





ER COLLETS FOR MACHINE TAPPING

The UK's Biggest Range of ER Collets for Machine Tapping

TYPE MD SQUARE DRIVE

- ▶ Nominal diameter clamping only
- ▶ Square drive prevents tap from slipping in ER collet



ER	Shank & Square	ORDER CODE	PRICE
ER16	3.5 x 2.7	ER16MD03.5 ▲	
	4 x 3	ER16MD04 ▲	
	4.5 x 3.4	ER16MD04.5 ▲	
	5 x 4	ER16MD05 ▲	
	5.5 x 4.3	ER16MD05.5 ▲	
	6 x 4.9	ER16MD06 ▲	
	7 x 5.5	ER16MD07 ▲	
	8 x 6.2	ER16MD08 ▲	
ER20	3.5 x 2.7	ER20MD03.5 ▲	
	4 x 3	ER20MD04 ▲	
	4.5 x 3.4	ER20MD04.5 ▲	
	5 x 4	ER20MD05 ▲	
	6 x 4.9	ER20MD06 ▲	
	7 x 5.5	ER20MD07 ▲	
	8 x 6.2	ER20MD08 ▲	
	10 x 8	ER20MD10 ▲	
ER25	3.5 x 2.7	ER25MD03.5 ▲	
	4 x 3	ER25MD04 ▲	
	4.5 x 3.4	ER25MD04.5 ▲	
	5 x 4	ER25MD05 ▲	
	5.5 x 4.3	ER25MD05.5 ▲	
	6 x 4.9	ER25MD06 ▲	
	7 x 5.5	ER25MD07 ▲	
	8 x 6.2	ER25MD08 ▲	
	9 x 7	ER25MD09 ▲	
	10 x 8	ER25MD10 ▲	
	11 x 9	ER25MD11 ▲	
	12 x 9	ER25MD12 ▲	
ER32	3.5 x 2.7	ER32MD03.5 ▲	
	4 x 3	ER32MD04 ▲	
	4.5 x 3.4	ER32MD04.5 ▲	
	5 x 4	ER32MD05 ▲	
	5.5 x 4.3	ER32MD05.5 ▲	
	6 x 4.9	ER32MD06 ▲	
	7 x 5.5	ER32MD07 ▲	
	8 x 6.2	ER32MD08 ▲	
	9 x 7	ER32MD09 ▲	
	10 x 8	ER32MD10 ▲	
	11 x 9	ER32MD11 ▲	
	12 x 9	ER32MD12 ▲	
	14 x 11	ER32MD14 ▲	
	ER40	6 x 4.9	ER40MD06 ▲
7 x 5.5		ER40MD07 ▲	
8 x 6.2		ER40MD08 ▲	
9 x 7		ER40MD09 ▲	
10 x 8		ER40MD10 ▲	
11 x 9		ER40MD11 ▲	
12 x 9		ER40MD12 ▲	
14 x 11		ER40MD14 ▲	
16 x 12		ER40MD16 ▲	
18 x 14.5		ER40MD18 ▲	
20 x 16	ER40MD20 ▲		

TYPE ERB SQUARE DRIVE WITH TENSION

- ▶ With tension length compensation
- ▶ Nominal diameter clamping only
- ▶ Square drive prevents tap from slipping in ER collet



ER	Shank & Square	Tension	ORDER CODE	PRICE
ER16	2.5 x 2.1	7mm	ERB1601 ▲	
	2.8 x 2.1		ERB1602 ▲	
	3.5 x 2.7		ERB1603 ▲	
	4 x 3		ERB1604 ▲	
	4.5 x 3.4		ERB1605 ▲	
	5.5 x 4.3		ERB1606 ▲	
	6 x 4.9		ERB1607 ▲	
ER20	2.5 x 2.1	7mm	ERB2001 ▼	
	2.8 x 2.1		ERB2002 ▲	
	3.5 x 2.7		ERB2003 ▲	
	4 x 3		ERB2004 ▼	
	4.5 x 3.4		ERB2005 ▲	
	5.5 x 4.3		ERB2006 ▼	
	6 x 4.9		ERB2007 ▲	
	7 x 5.5		ERB2008 ▲	
ER25	2.5 x 2.1	8mm	ERB2501 ▲	
	2.8 x 2.1		ERB2502 ▲	
	3.5 x 2.7		ERB2503 ▲	
	4 x 3		ERB2504 ▲	
	4.5 x 3.4		ERB2505 ▲	
	5.5 x 4.3		ERB2506 ▲	
	6 x 4.9		ERB2507 ▲	
	7 x 5.5		ERB2508 ▲	
	8 x 6.2		ERB2509 ▲	
	9 x 7		ERB2510 ▲	
ER32	4.5 x 3.4	10mm	ERB3205 ▲	
	5.5 x 4.3		ERB3206 ▲	
	6 x 4.9		ERB3207 ▲	
	7 x 5.5		ERB3208 ▲	
	8 x 6.2		ERB3209 ▲	
	9 x 7		ERB3210 ▲	
	10 x 8		ERB3211 ▲	
	11 x 9		ERB3212 ▲	
ER40	6 x 4.9	13mm	ERB4007 ▼	
	7 x 5.5		ERB4008 ▼	
	8 x 6.2		ERB4009 ▲	
	9 x 7		ERB4010 ▼	
	10 x 8		ERB4011 ▲	
	11 x 9		ERB4012 ▲	
	12 x 9		ERB4013 ▲	
	14 x 11		ERB4014 ▲	
	16 x 12		ERB4015 ▼	

SYNCHRO ER TAP CHUCKS P1072



TENSION & COMPRESSION ER TAP CHUCKS P1078



▲ UK stock - Generally x-stock for next day delivery

▼ European stock - Generally 2-3 days delivery (please check for lead times)





ER COLLET SETS

The UK's Biggest Range of ER Collets for High Precision or General Machining

ER COLLET SETS

► Run-out <0.01µm or <0.005µm

Type A



Type B



Type C



ER	No of Collets	Sizes Included	0.01mm RUN OUT - TYPE A		0.005mm RUN OUT - TYPE B		0.005mm - TYPE C & 0.002mm - TYPE D (HP)	
			ORDER CODE	PRICE	ORDER CODE	PRICE	ORDER CODE	PRICE
ER11	7	1, 2, 3, 4, 5, 6, 7	-	-	ER11-7HPC ▲	£104.09	-	-
	13	1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7	ER11-13PCS ▲	£103.02	ER11-13HPC ▲	£182.31	GERC11(SET) ▲	
ER16	5	2, 4, 6, 8, 10	-	-	ER16-5HPC ▲	£76.90	GERC16-HP(SET) ▲	
	10	1, 2, 3, 4, 5, 6, 7, 8, 9, 10	ER16-10PCS ▲	£58.37	ER16-10HPC ▲	£141.53	GERC16(SET) ▲	
ER20	6	2, 4, 6, 8, 10, 12	-	-	ER20-6HPC ▲	£90.49	GERC20-HP(SET) ▲	
	12	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13	ER20-12PCS ▲	£73.40	ER20-12HPC ▲	£172.06	GERC20(SET) ▲	
ER25	6	4, 6, 8, 10, 12, 16	-	-	ER25-6HPC ▲	£94.51	GERC25-HP(SET) ▲	
	15	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	ER25-15PCS ▲	£91.75	ER25-15HPC ▲	£222.89	GERC25(SET) ▲	
ER32	7	4, 6, 8, 10, 12, 16, 20	-	-	ER32-7HPC ▲	£114.36	GERC32-HP(SET) ▲	
	18	3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20	ER32-18PCS ▲	£113.91	ER32-18HPC ▲	£265.69	GERC32(SET) ▲	
ER40	8	4, 6, 8, 10, 12, 16, 20, 25	-	-	ER40-8HPC ▲	£159.21	-	▲
	23	4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26	ER40-23PCS ▲	£153.25	ER40-23HPC ▲	£457.71	GERC40(SET) ▼	

THROUGH COOLANT ER COLLET SETS

► Run-out <0.005µm or <0.01µm
► For through coolant tools



ER	No of Collets	Sizes Included	0.01mm RUN OUT - TYPE E		0.005mm RUN OUT - TYPE F	
			ORDER CODE	PRICE	ORDER CODE	PRICE
ER16	4	4, 6, 8, 10	ER16-4VGD ▲	£103.23	ER16-4VGD-HP ▲	
	8	3, 4, 5, 6, 7, 8, 9, 10	ER16-8VGD ▲	£185.81	ER16-8VGD-HP ▲	
ER20	5	4, 6, 8, 10, 12	ER20-5VGD ▲	£123.87	ER20-5VGD-HP ▲	
	11	3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13	ER20-11VGD ▼	£247.74	ER20-11VGD-HP ▲	
ER25	6	4, 6, 8, 10, 12, 16	ER25-6VGD ▲	£144.51	ER25-6VGD-HP ▲	
	14	3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16	ER25-14VGD ▲	£309.67	ER25-14VGD-HP ▲	
ER32	7	4, 6, 8, 10, 12, 16, 20	ER32-7VGD ▲	£165.16	ER32-7VGD-HP ▲	
	18	3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20	ER32-18VGD ▲	£392.25	ER32-18VGD-HP ▲	
ER40	8	4, 6, 8, 10, 12, 16, 20, 25	ER40-8VGD ▼	£207.04	ER40-8VGD-HP ▼	
	23	4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26	ER40-23VGD ▼	£579.70	ER40-23VGD-HP ▲	

TAPPING ER COLLET SETS

► With square drive for tapping



ER	No of Collets	Sizes Included	TYPE MD	
			ORDER CODE	PRICE
ER16	4	3.5, 4.5, 6, 7	ER16MD-4PCS ▲	
ER20	7	3.5, 4.5, 6, 7, 8, 9, 10	ER20MD-7PCS ▲	
ER25	9	3.5, 4.5, 6, 7, 8, 9, 10, 11, 12	ER25MD-9PCS ▲	
ER32	10	4.5, 6, 7, 8, 9, 10, 11, 12, 14, 16	ER32MD-10PCS ▲	
ER40	11	6, 7, 8, 9, 10, 11, 12, 14, 16, 18, 20	ER40MD-11PCS ▼	

▲ UK stock - Generally x-stock for next day delivery ▼ European stock - Generally 2-3 days delivery (please check for lead times)

