

# E.W. Equipment

## NEW!

# Micro Adjustable Collet Chuck



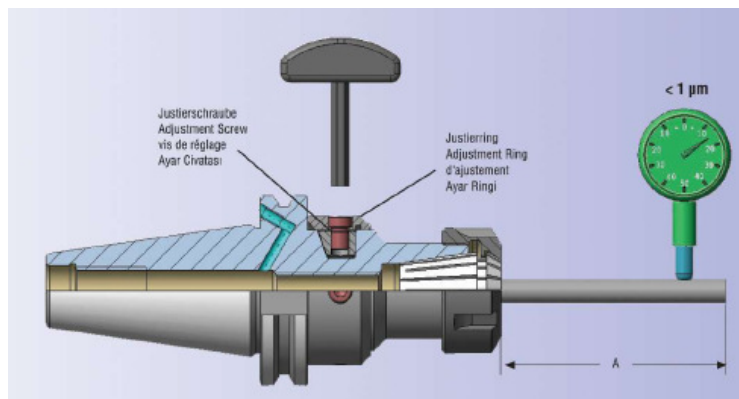
The Micro Adjustable Collet Chuck is used to improve the quality and productivity of reaming, drilling or milling processes.

By using this collet chuck, tool run out can be adjusted to nearly “zero  $\mu\text{m}$ ”.

Due to improved concentricity, much tighter tolerances, higher surface finish and longer tool life can be achieved.

This chuck uses standard ER-collets.

The effect of spindle inaccuracies can be greatly reduced by setting this tool in the machine spindle.



### OPERATION:

Turn the Micro Adjustable Collet Chuck with the chucked tool or ground carbide rod in the spindle by hand and determine the run out with a dial gauge.

Turn the Micro Adjustable Collet Chuck to the position of the maximum run out. Rotate adjustment ring until an adjusting screw is inline with the high point on the dial gauge.

Adjust the screw at the high point with the hex wrench until the gauge displays half of the total run out.

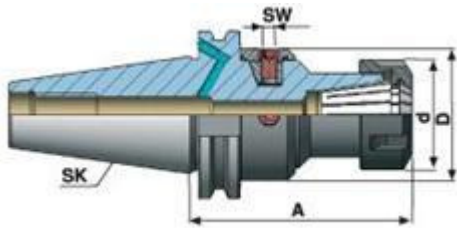
Tighten the remaining three screws and check run out again. If necessary repeat the adjustment procedure.

Adjustment range: max. 50  $\mu\text{m}$  at A= 100mm

**See overleaf for dimensions and prices.**

# Dimensions & Prices

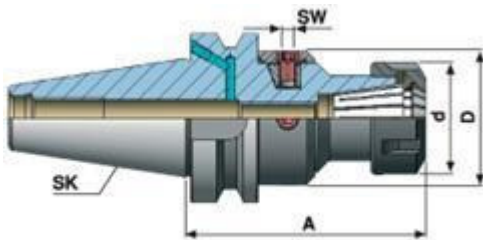
**DIN69871**  
Form AD/B



| Part No.                | SK | Capacity    | d  | A   | D  | SW | Price £        |
|-------------------------|----|-------------|----|-----|----|----|----------------|
| <b>DV40-ER25-085-MA</b> | 40 | ER25 (2-16) | 42 | 85  | 50 | 4  | <b>£192.00</b> |
| <b>DV40-ER32-090-MA</b> | 40 | ER32 (2-20) | 50 | 90  | 50 | 4  | <b>£192.00</b> |
| <b>DV40-ER40-115-MA</b> | 40 | ER40 (3-26) | 63 | 115 | 60 | 4  | <b>£202.50</b> |

|                         |    |             |    |     |    |   |                |
|-------------------------|----|-------------|----|-----|----|---|----------------|
| <b>DV50-ER32-090-MA</b> | 50 | ER32 (2-20) | 50 | 90  | 50 | 4 | <b>£240.00</b> |
| <b>DV50-ER40-100-MA</b> | 50 | ER40 (3-26) | 63 | 100 | 60 | 4 | <b>£250.00</b> |

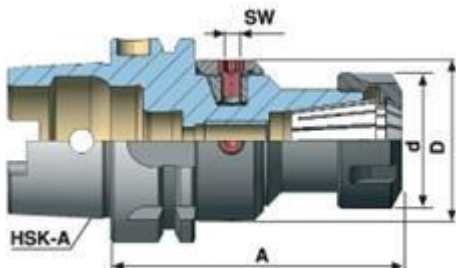
**JIS B 6339 (MAS 403 BT)**  
Form AD/B



| Part No.                | SK | Capacity    | d  | A   | D  | SW | Price £        |
|-------------------------|----|-------------|----|-----|----|----|----------------|
| <b>BT40-ER25-090-MA</b> | 40 | ER25 (2-16) | 42 | 90  | 50 | 4  | <b>£192.00</b> |
| <b>BT40-ER32-100-MA</b> | 40 | ER32 (2-20) | 50 | 100 | 50 | 4  | <b>£192.00</b> |
| <b>BT40-ER40-105-MA</b> | 40 | ER40 (3-26) | 63 | 105 | 60 | 4  | <b>£202.50</b> |

|                         |    |             |    |     |    |   |                |
|-------------------------|----|-------------|----|-----|----|---|----------------|
| <b>BT50-ER32-090-MA</b> | 50 | ER32 (2-20) | 50 | 90  | 50 | 4 | <b>£240.00</b> |
| <b>BT50-ER40-100-MA</b> | 50 | ER40 (3-26) | 63 | 100 | 60 | 4 | <b>£250.00</b> |

**HSK**  
Form A



| Part No.                | HK | Capacity    | d  | A   | D  | SW | Price £        |
|-------------------------|----|-------------|----|-----|----|----|----------------|
| <b>HK40-ER25-105-MA</b> | 40 | ER25 (2-16) | 42 | 105 | 50 | 4  | <b>£202.50</b> |
| <b>HK40-ER32-110-MA</b> | 40 | ER32 (2-20) | 50 | 110 | 50 | 4  | <b>£202.50</b> |

|                         |    |             |    |     |    |   |                |
|-------------------------|----|-------------|----|-----|----|---|----------------|
| <b>HK63-ER25-090-MA</b> | 63 | ER25 (2-16) | 42 | 90  | 50 | 4 | <b>£218.00</b> |
| <b>HK63-ER32-095-MA</b> | 63 | ER32 (2-20) | 50 | 95  | 50 | 4 | <b>£218.00</b> |
| <b>HK63-ER40-125-MA</b> | 63 | ER40 (3-26) | 63 | 100 | 60 | 4 | <b>£230.00</b> |

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