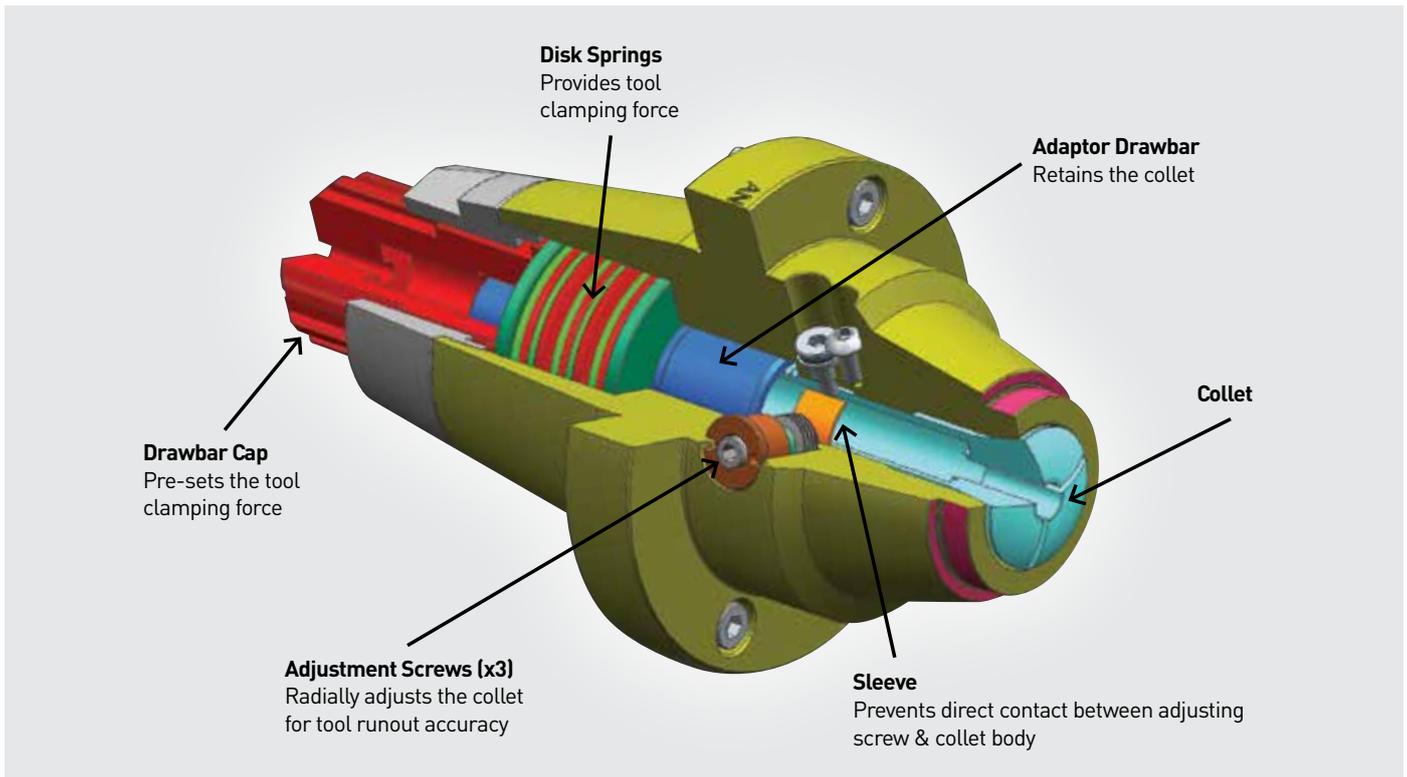


# PREMIER Collet Adaptors

## A Premium Workholding Range



## Includes internal clamping mechanism & controls tool runout

ANCA's new PREMIER Collet Adaptors provide operators with a premium workholding range. The PREMIER Collet Adaptors use a new patented internal clamping mechanism.

The spring pack in the collet adaptor now provides the clamping force to the tool. This prevents possible runout that was previously added if misalignment occurred between the centrelines of the drawbar and the collet adaptor.

Due to the internal clamping mechanism, or 'spring pack' within the PREMIER range the drawbar is used only to push

the collet open. When the drawbar retracts a physical gap exists between the drawbar and the Collet Adaptor removing a possible source of tool runout.

PREMIER Collet Adaptors help operators to achieve consistent tool runout and to produce tools of a higher quality by providing the required stable process. This reduces the variations that can occur from tool to tool and produces more consistent geometry and more tools within specification.

PREMIER Collet Adaptors are available in standard form, or as a Precision Collet Adaptor (PCA). The PCA models are designed to further control tool runout as they enable operators to radially adjust the collet via adjustment screws.

The PREMIER Collet Adaptor provides a significant advantage to tool manufacturers looking for continued improvement in tool quality.

[www.anca.com](http://www.anca.com)

email: [info@anca.com](mailto:info@anca.com)

### Head office: Australia

ANCA offices in the UK, Germany, Japan, China, Thailand, Brazil, Mexico, India and the USA. Supported by a global network of agents.

## Key Benefits

- Controls tool runout for improved tool quality
- Includes a range of PREMIER Collet Adaptors to suit a range of customer requirements
- Easy to set up
- Removes traditional sources of tool runout
- Retrofit is available
- Available for the TXcell, TX7, MX7 Linear, MX5 Linear, MX7, MX5, FX7 Linear, FX5 Linear, GX and RX tool grinders

## PREMIER Collet Adaptor Range:

The PREMIER Collet Adaptor range consists of 2 types of Collet Adaptor designs:

### 1) PCA - **PRECISION COLLET ADAPTOR** range

W20, W25 & B32/45

The PCA enables users to radially adjust the collet when fitted to the adaptor to minimise tool runout

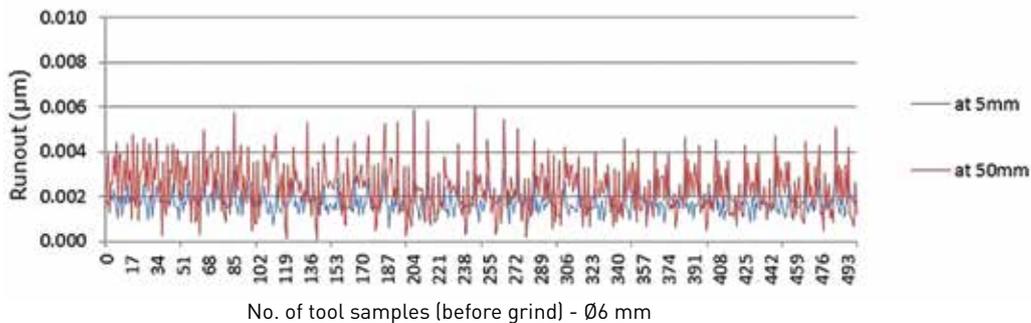
### 2) The standard **SCHAUBLIN** range

W20, W25 & B32/45



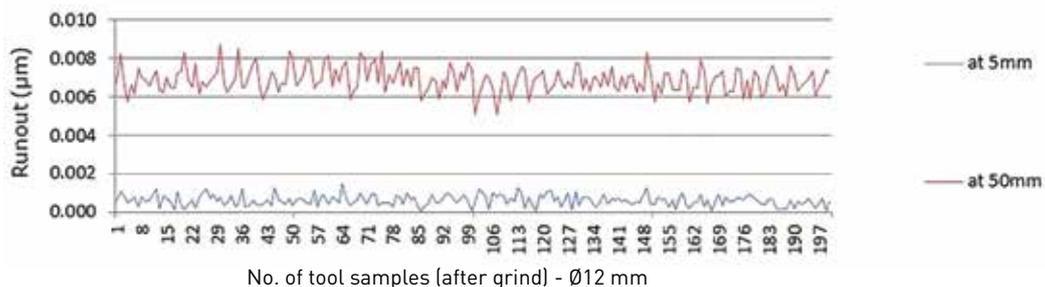
B32/45 PCA PREMIER Collet Adaptor in use

### W20 STANDARD COLLET ADAPTOR



Collet Adaptor graph shows a run out value maintained between 0.006 - 0.008 micron for a batch of 200 tools

### B32/45 PRECISION COLLET ADAPTOR



Collet Adaptor graph showing low run out values achieved over a batch of 500 tools