

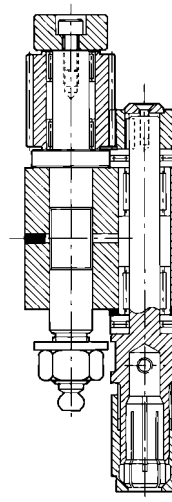
ALTERNATIVE SPINDLES

The basic spindle designs using Collets or Adjustable Adaptors are shown on pages 6, 7, 8, 9, 10 & 11 of this catalogue.

Many alternative spindles are available within the 'Centinel System' to suit special needs or national standards.

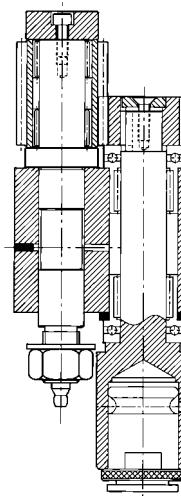
Double Angle Collets (Erickson)

Spindle Assembly	Tool Capacity	All other dimensions as per spindle assembly
34DA	Ø6.3mm max.	34RF
36DA	Ø9.5mm max.	36RF
44DA	Ø6.3mm max.	44RF
46DA	Ø9.5mm max.	46RF
48DA	Ø14.0mm max.	48RF



TQC Spindles (Tapping Quick Change)

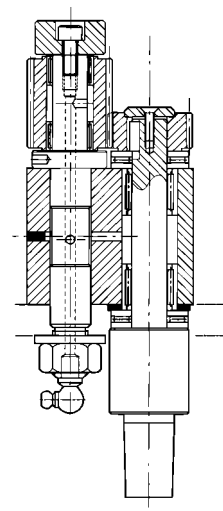
Spindle Assembly	Tool Capacity	All other dimensions as per spindle assembly
34TQC	M1 - M8	34RF
36TQC	M1 - M8	36RF
44TQC	M1 - M8	44RF
46TQC	M1 - M8	46RF
48TQC	M4 - M14	48RF
52TQC	M4 - M14	52-16
54TQC	M7 - M24	54-25



For use with Centreline 'Rapidtap' machine and lead screw feed units. For details of the tap chucks see pages 33, 34 & 35.

Stub Spindles

Spindle Assembly	Tool Capacity	All other dimensions as per spindle assembly
46JT1 (Jacobs Taper)	Ø10.0mm max.	46RF
48JT6 (Jacobs Taper)	Ø13.0mm max.	48RF
46B10 ('B' Taper)	Ø10.0mm max.	46RF
48B18 ('B' Taper)	Ø13.0mm max.	48RF

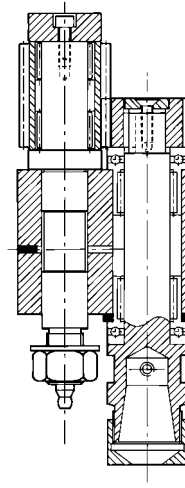


ALTERNATIVE SPINDLES

50 Range Collet Spindles

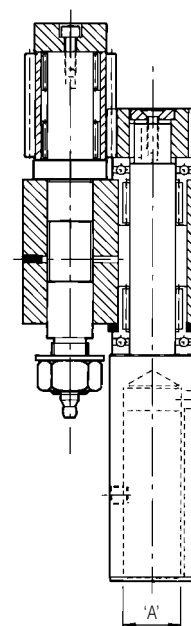
Spindle Assembly	Tool Capacity	Collet Size	All other dimensions as per spindle assembly
52RF	Ø16.0mm max.	ER25	52-16
54RF	Ø16.0mm max.	ER25	54-25
56RF	Ø20.0mm max.	ER32	56-36
56RF*	Ø26.0mm max.	ER40	56-36

* Centinel Plus only



Alternative Bore Spindles

Spindle Assembly	Bore Diameter 'A'	All other dimensions as per spindle assembly
46-50	1/2"	46RF
46-12	12mm	46RF
54-20	20mm	54-25
54-22	22mm	54-25
54-26	26mm	54-25
54-28	28mm	54-25
56-35	35mm	56-36
52-58	5/8"	52-16
54-34	3/4"	54-25
54-78	7/8"	54-25
56-38	1 3/8"	56-36



Interchangeable Adjustable Toolholders

Spindle Assembly	Tool Capacity	Collet Size	All other dimensions as per spindle assembly
32ATH	Ø5.0mm max	ER8	32RF
34ATH	Ø7.0mm max	ER11	34RF
36ATH	Ø10.0mm max	ER16	36RF
44ATH	Ø7.0mm max	ER11	44RF
46ATH	Ø10.0mm max	ER16	46RF
48ATH	Ø13.0mm max	ER20	48RF
54ATH	Ø16.0mm max	ER25	54-25
56ATH	Ø20.0mm max	ER32	56-36

These toolholders enable the tools to be changed quickly and set to depth off the machine.

