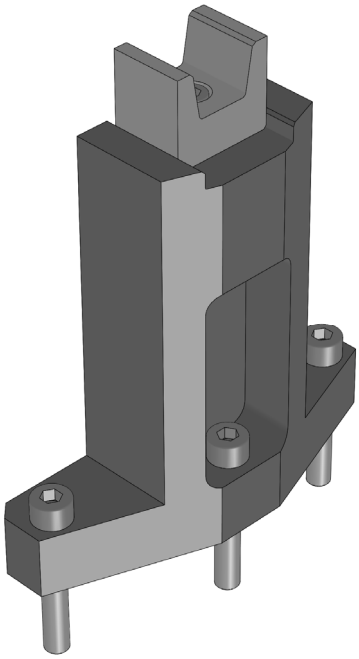
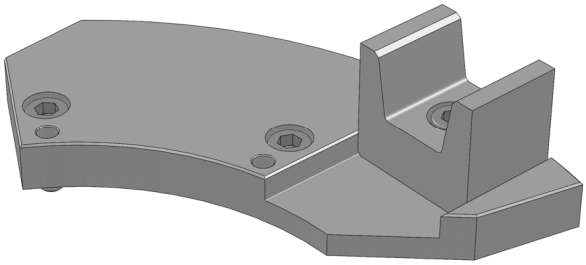
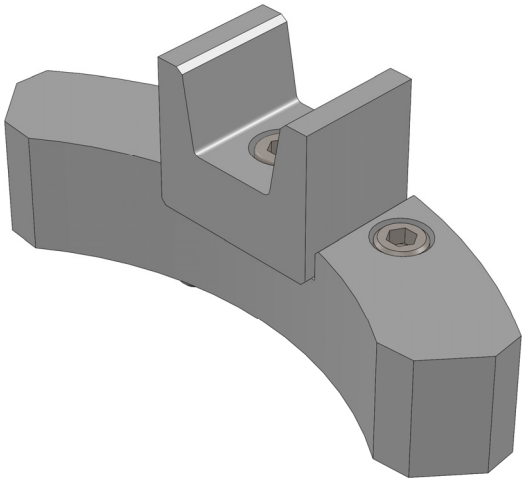
Machine Interface Options

Torque / Stop / Anti-Rotation Blocks

- Required for any CNC Auto Tool Change machine
- All Centreline Angle Heads and Speed Increasers utilise a tapered pin location for optimum rigidity
- A Hardened and ground Vee Insert is used where possible
- Standard pin centres on 65mm, 80mm, 100mm or 110mm depending on machine configuration
- Blocks manufactured to suit each machine spindle
- Optional Hardened Insert supplied with details for customer to manufacture his own base block



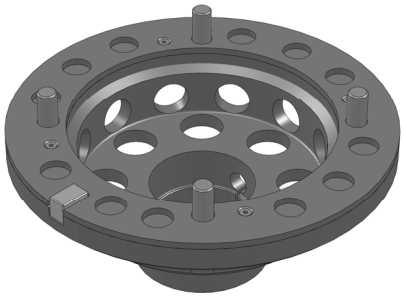




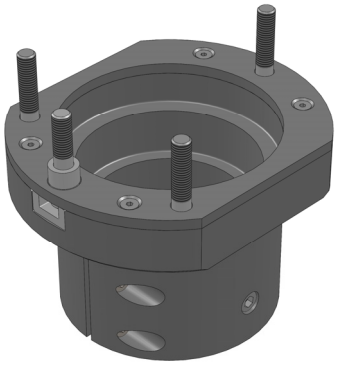
Full spindle nose details must be supplied in order to make a suitable block along with toolchange parameters for the machine tool

Machine Interface Options

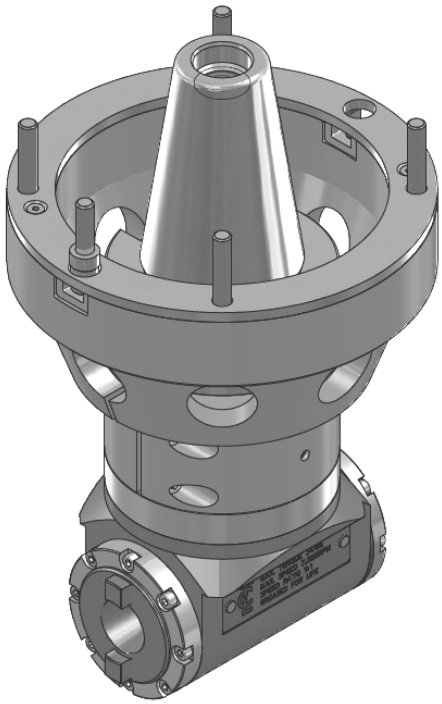
Cowl Mounting



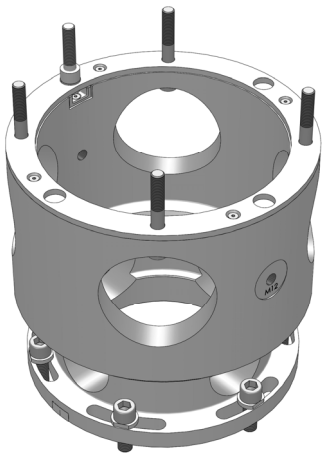
- Required for any manual or CNC machine where the Angle Head is overweight for the machine tool changer but still within the power capability
- All Centreline Angle Heads can be cowl mounted to provide best rigidity during machining process
- Each Cowl Assembly is custom built to exactly match the spindle nose of the chosen machine



- A Hardened Master Locator Pin is supplied to be permanently fitted to the machine spindle nose and a matching Location Insert in the Cowl ensures repeatability each time the head is loaded
- Single position, 2 x 180º or 4 x 90º location positions are supplied as standard

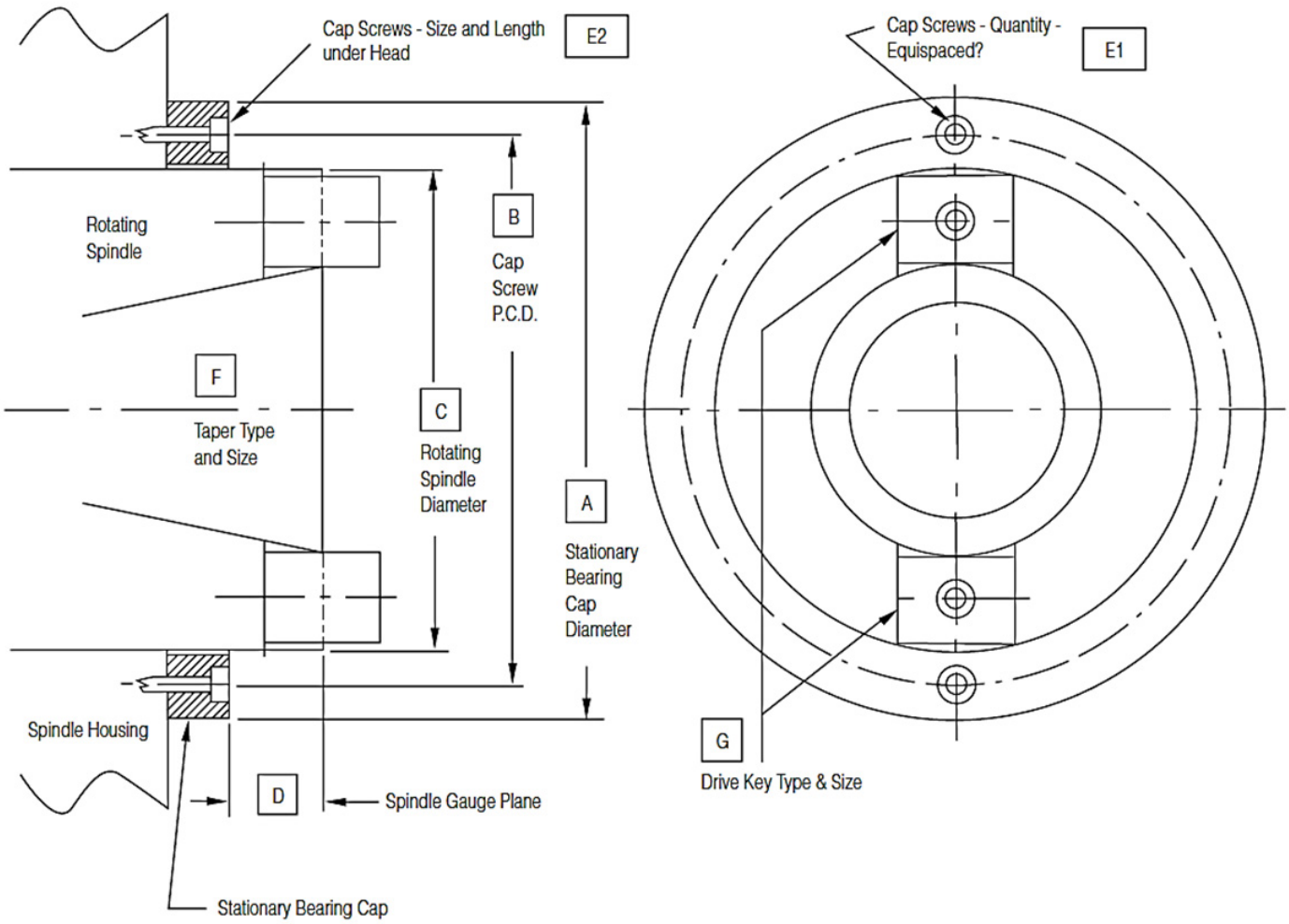


- Machine Table mounted Cradles can be supplied in conjunction with cowl mounted heads for convenient or automatic pick up.



Full spindle nose details must be supplied in order to make a suitable block along with toolchange parameters for the machine tool

Machine Interface - Spindle Nose Details



PLEASE COMPLETE INFORMATION BELOW		
Machine:	Make	
	Model	
Spindle Bearing Cap Diameter (Stationary)	A	
Cap Screw Pitch Circle Diameter	B	
Rotating Spindle Diameter	C	
Spindle Gauge Plane to Bearing Cap Distance	D	
Bearing Cap Screws - Quantity / Equi-spaced ?	E1	
Bearing Cap Screws - Size and Length under Head	E2	
Spindle Taper Type (BT/CAT/ANSI/HSK…) and Size	F	
Drive key Type and Size	G	
Any Existing Tapped Holes in Spindle Bearing Cap?		If YES, Please provide dimensions and Picture

Full spindle nose details must be supplied in order to make a suitable block along with toolchange parameters for the machine tool