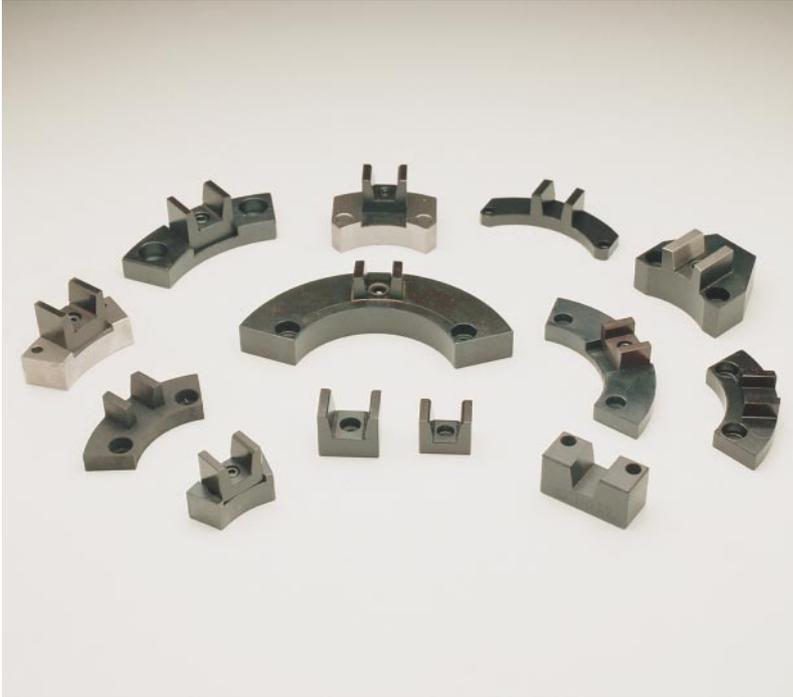


## **TORQUE/STOP/ANTI-ROTATION BLOCKS FOR CNC AUTOMATIC TOOL CHANGE MACHINES**



Torque/Stop/Anti-Rotation blocks are a necessary part of driven tooling on CNC automatic tool change machines. As there is no national or international standard for machine spindle noses, it is necessary to measure each machine prior to fitting a block.

With "Kaisen" (constant improvement) and ever changing specifications by machine manufacturers, it is vital to check each machine individually.

At Centreline we believe it is our duty to our customers to supply the correct custom designed torque block for each application. This is the Centreline way of doing business.

Please complete the ATC machine spindle nose details data sheet, for a trouble-free installation.

## **COWL MOUNTING FOR OVERWEIGHT/OVERSIZE TOOLING**



For absolute rigidity and/or on applications where the driven tool is either overweight or oversize for automatic tool change, but still within the machine's power capability, we recommend the fitting of a cowl mounting.

A cradle mounted on the machine table is another way to overcome an overweight tool situation and still automatically tool change.

Call us for advice if tooling weight and size are a problem.