

The first thing to wear out on a CNC Machining Center is often the drawbar!

Belleville springs provide the only force that holds tools in the spindle while cutting, and they are often the first to wear out on a CNC Machining Center.

Drawbars can have over 140 Belleville springs in the stack. Just the slightest wear, or one broken spring will have a huge effect on clamping force, causing chatter, bad finishes, reduced cutter life, and scrapped parts.



Left unchecked, a tool may eventually pull out during a cut damaging the spindle, cutter, arbor, and fixture.

Machines are never the same after a crash.

Problems with repeatability, bad finishes, and short cutter life can be frustrating and difficult to diagnose. Up in the spindle and out of sight, drawbars seldom get the attention they deserve. To check it requires a special tool designed just for that purpose. Previously these tools cost many thousands of dollars, but now you can check your spindle for a fraction of that cost.

The Clamprite Gage simulates a tool in the spindle, and checks the drawbar in less than a minute. It has no batteries, clumsy cables, or delicate electronics. The pressure gauge reads directly in pounds/force, so there are no conversions or calculations to perform.

Thousands of shops in the U.S. and around the world use the Clamprite Gage. Customers often say it paid for itself the first time they used it.

Find out if your drawbar can still Clamprite!

CLAMPRITE® Spindle Drawbar Force Gage

Protect Your Spindles

Avoid Unscheduled Downtime

Increase Cutter Life

Accuracy is
Traceable to
NIST



Clamprite Gage Kits provide an easy, accurate, and economical method of checking the drawbar force of your machine. Kits are furnished in a foam fitted metal tool box, and includes the gage head, a spindle adapter, and an internal transfer screw coupling that accepts all pull studs. Use your pull stud, or purchase pull studs separately from Clamprite or your local distributor.

The universal gage head adapts to every size and type of spindle, including CAT, BT, ISO, HSK, and others. Select your kit by spindle type and max. drawbar force you will be testing. Order additional adapters below.

Clamprite Gage Kits

CG3K 30B	3,000 Lb.	includes BT 30 taper adapter
CG3K 40C	3,000 Lb.	includes CAT 40 taper adapter
CG3K 40B	3,000 Lb.	includes BT 40 taper adapter
CG5K 40C	5,000 Lb.	includes CAT 40 taper adapter
CG5K 40B	5,000 Lb.	includes BT 40 taper adapter
CG5K 50C	5,000 Lb.	includes CAT 50 taper adapter
CG5K 50B	5,000 Lb.	includes BT 50 taper adapter
CG5K 40/50	5,000 Lb.	incl CAT or BT 40 & 50 adapters
CG10K 50C	10,000 Lb.	includes CAT 50 taper adapter
CG10K 50B	10,000 Lb.	includes BT 50 taper adapter

HSK-A63 shown with
CG 5K
Gage Head



Patent #6813965 and
other patents apply.

HSK Spindle Adapters

CHSK E25	Size E-25 Adapter
CHSK E32	Size E-32 Adapter
CHSK A40	Size A-40 Adapter
CHSK A50	Size A-50 Adapter
CHSK A63	Size A-63 Adapter
CHSK A80	Size A-80 Adapter
CHSK A100	Size A-100 Adapter
CHSK A125	Size A-125 Adapter

HSK must maintain factory drawbar force to properly seat the arbor. Test HSK spindles more frequently!

CG5K Gage Head for HSK-E25 to A63 and others
CG10K Gage Head for HSK-A80 to A100 and others
CG15K Gage Head for HSK-A125 and others



HSK A100



Clamprite Spindle Adapters

CA 20I	ISO 20 Spindle Adapter
CA 30B	BT 30 Spindle Adapter
CA 35B	BT 35 Spindle Adapter
CA 40C	CAT 40 Spindle Adapter
CA 40B	BT 40 Spindle Adapter
CA 45C	CAT 45 Spindle Adapter
CA 45B	BT 45 Spindle Adapter
CA 50C	CAT 50 Spindle Adapter
CA 50B	BT 50 Spindle Adapter
CA 60C	CAT 60 Spindle Adapter

CAPTO 03
CAPTO 04
CAPTO 05
CAPTO 06
CAPTO 08
KV 4540
KV 5045
NC5-63
KM 63
Monarch M6045

CALL FOR OTHERS



WISER
Drawbar Service Experts

www.wiser.ind.br

(11) 99690-7969
contato@wiser.ind.br