

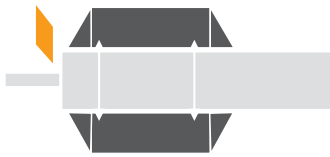
Adaptive Guide Bushing System

THE ADAPTIVE GUIDE BUSHING SYSTEM (AGB) can be used in place of standard guide bushing units for non-ground material. The AGB uses a “double taper” bushing, which will always close parallel. In addition, constant pressure is applied which allows the bushing to compensate for any bar deviation up to .008” in diameter. The pressure setting is a variable and can be changed as required for each job. The advantages are major to the customer. Since the AGB is always maintaining proper pressure, the bar is always on centerline, which enables tighter TIR’s to be maintained. Since the AGB allows for bar diameter deviation, non-ground material can be used. This saves not only the grinding expense, but also valuable delivery time. The problem of machining gummy materials, such as stainless steel, will also be eliminated.

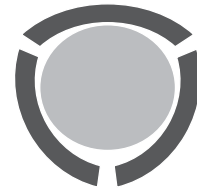
- Use of non-ground bar stock
- Allows for bar deviation of +/- .003 inch
- Constant pressure on guide bushing for greater rigidity and uniformity of set up
- Easy bushing installation



Easy bushing installation



Double taper bushing with parallel close along the full length of guide bushing



3 point contact centers bar stock

25mm Guide Bushing System

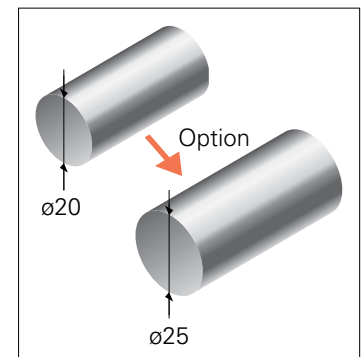
Increase bar stock capacity to 25mm

To extend the range of workpieces, the Cincom A20 and L20 models can support bar stock up to 25mm with the optional 25mm guide bushing assembly. Machining length per chucking is 188mm (200mm $\phi 20$ mm). The system uses standard chuck fingers, CD25 guide bushing and TF30 collets.



The system includes:

- Guide bushing assembly
- Main & sub spindle chucking device
- Spindle bushing guide for bar feed pusher
- Hand tools



$\phi 20$ mm maximum bar as standard; $\phi 25$ mm as option.