

## Spindle Liner Data Request

The four measurements below are what CNC Accessories needs to make a spindle liner. You can print out this form fill in the data and fax it to Bryan at (818) 347-3725.

Measurement	Description
A	Located at the back of the actuator or the back of the draw tube. On some machines the draw tube goes clear to the back, on others it does not. We need this measurement at the very back of the spindle. Measurement B may not be the same as A. Tolerance +/- 0.002
B	Located at the front of the draw tube just behind the chuck. Measurement A may not be the same as B. Tolerance +/- 0.002
C	Over all length inside the draw tube and actuator combined. Tolerance +/- 1/4 inch.
D	This depends on your preference. Some people want the spindle liner to extend out as close as possible to the bar feed. This holds the bar more stable. However, coolant can drain back through it and make a large mess at the back of the machine. Other people want it cut off at the back of the actuator so the coolant will be caught by the coolant collector. If you are not sure which you want, use the long one. You can always cut it off. Tolerance +/- 1/4 inch.

