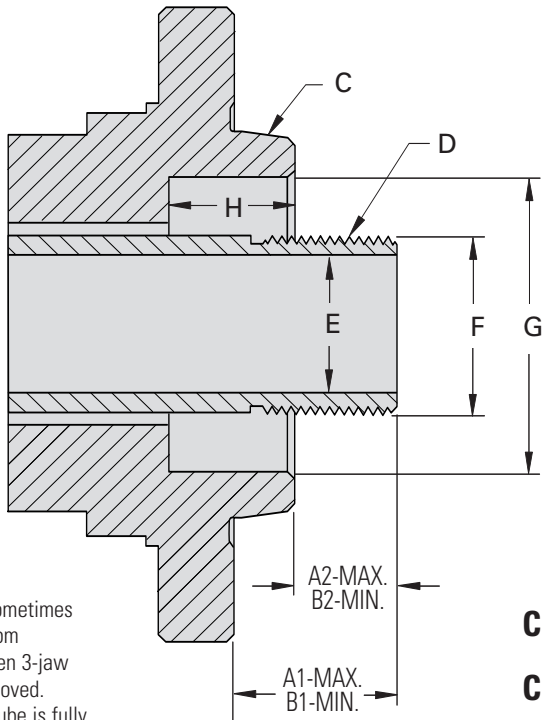


CNC Spindle Nose With Chuck Removed



Note:
Drawtube sometimes unscrews from actuator when 3-jaw chuck is removed. Make sure tube is fully screwed in before taking dimensions.

In order to connect a machine's existing drawtube to a collet chuck or collet, it is necessary to use a drawtube adapter. This adapter is custom made for each individual machine and collet chuck, and is included in the price of each chuck.

Royal Products maintains a database of spindle dimensions for most CNC lathes marketed in the United States. Occasionally, we require that this dimension sheet be completed due to variations in some models.

Please contact one of our applications engineers at 1-800-645-4174 if you have any questions.



Royal strives for next-day delivery on all collet chuck orders. Here, a drawtube adapter is machined from a partially-finished blank to reduce lead time.

Company: _____

Customer Name: _____

Phone #: _____

Machine (make & model) _____ **D - Diameter of Thread** _____

Chuck (make & model) _____ **Pitch** _____

Actuator (make & model) _____ **Internal or External** _____

Spindle **Main** **Sub** _____ **Length of Thread** _____

A1-Max. (tube extended) _____ **E - Drawtube I.D.** _____

B1-Min. (tube retracted) _____ **F - Drawtube O.D.** _____

A2- Max. (tube extended) _____ **G - Counterbore I.D.** _____

B2-Min. (tube retracted) _____ **H - Counterbore Length** _____

C - Spindle Type & Size
(i.e. A2-6, 110mm, etc.) _____