

## **INLINE INDICATOR HOLDER** **By CML**

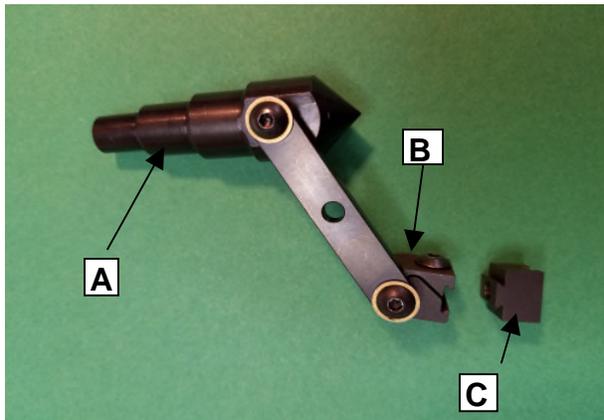


***The Inline Indicator Holder can speed up the process of finding the center of a hole or pin, because you shouldn't have to change the collet to fit the shank, and you can use the point to quickly find the rough center.***

***This tool will also make indicating small holes and pins easier because once you set the indicator ball to be inline with the center of the shank, it should not need to be adjusted again. Another time saver!***

**Manufactured by: **CML****  
**[WWW.cuddebackmachining.com](http://WWW.cuddebackmachining.com)**

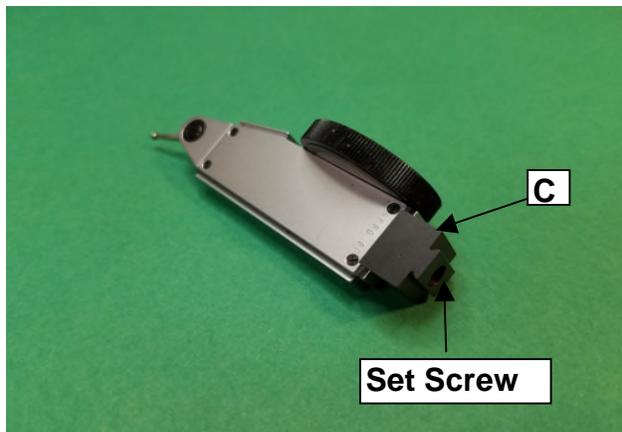
** **Cuddebackmachining****



**Fig. 1**

***What's Included:***

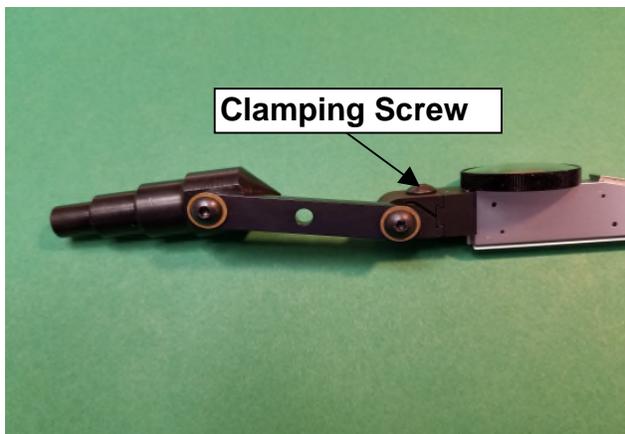
- A) Multi-diameter shank for 3/8", 1/2" & 5/8" collets.***
- B) Pivot***
- C) Dovetail clamp to attach to your indicator.***



**Fig. 2**

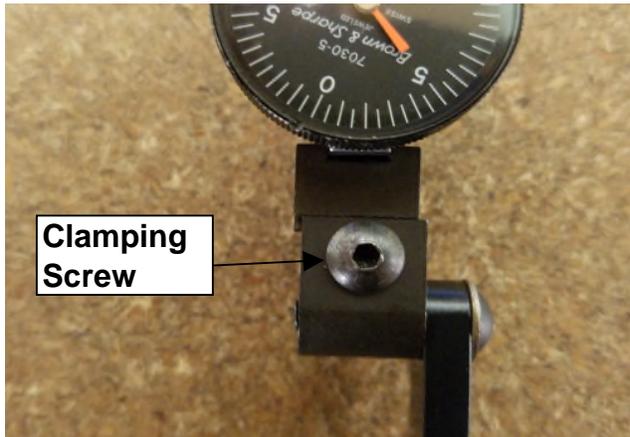
***The dovetail clamp (C) is fastened to the dovetail of the indicator and set in place with a set screw.***

***To avoid damage to your indicator, do not over tighten this set screw. Light pressure is all that is needed.***



**Fig. 3**

***This picture shows the dovetail clamp (C) attached to the pivot (B) by sliding the matching dovetails together. When making this connection, you will adjust your indicator to be in the centerline of the shank, then tighten the clamping screw.(see Figs. 4,5& 6 for adjustment directions)***



**Fig. 4**

*To adjust your indicator to the centerline of the shank, first loosen the Clamping Screw as shown in Fig. 4.*



**Fig. 5**

*Next, fold the assembly as pictured in Fig. 5, so that the indicator ball is on the top end of the shank.*



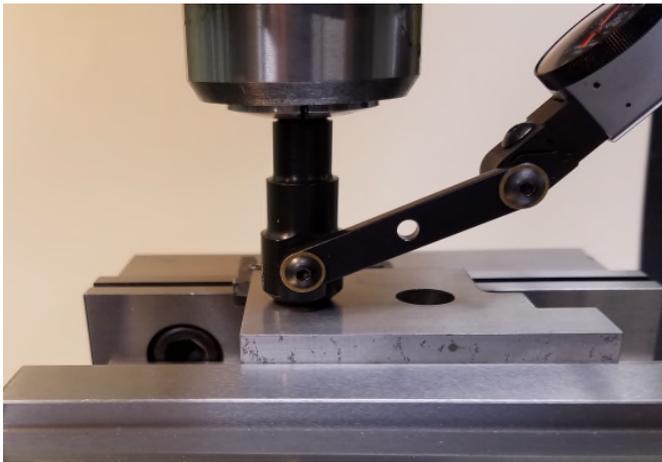
**Fig. 6**

*Slide the indicator from left to right across the top of the shank until the indicator ball is on center. While the indicator is on center, tighten the clamping screw as pictured in Fig. 4.*



**Fig. 7**

*As demonstrated in Figs. 7 & 8, use the point of the shank to quickly find the rough center of the hole.*



**Fig. 8**

**Once you have found the rough center of the hole with the point of the shank, lower the indicator to find the exact center of the hole, as the indicator is directly in-line with the shank. (as demonstrated in Fig. 9)**



**Fig. 9**