

## **Engineered Products (cont.)**

## **Bull Ring Mandrel**

This versatile mandrel is one live center with interchangeable rings that can accommodate a wide variety of large-diameter parts. Custom mandrels and rings can be manufactured to fit almost any application.

- Ring accuracy assembled guaranteed to ± .0002
- Rings from 10" to 60" in diameter
- Available in all tapers
- See page 37 for smaller units.



A useful accessory for accurately calibrating hydraulic tail stocks for face driving, hard turning and other precision applications.

- Dual indicators: black needle displays actual pressure at any point in the test procedure, while the red needle becomes permanently set at the highest pressure recorded during the period.
- Maximum pressure reading is 6,000 lbs.
- Available points include male, female, bull nose and customized designs.
- Available in Morse Taper and straight shanks.





