**Contracting Precision Chuck**

**Class:** A or B  
**Actuation:** Direct pressure  
**Mounting:** Spindle mounted – piloted  
End-contracting wear sleeve.  
.040 Contraction – rough cast part

One chuck can accommodate different sizes with replaceable appropriate sleeves. This design is primarily used for parts with short locating diameters.

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**Contracting Bar-Feed Chuck**

**Class:** B  
**Actuation:** Push to actuate – tube through spindle. Self-contained hydraulic system.  
**Mounting:** Flange mounted with adjustable tune-up screws.  
Center-contracting replaceable wear sleeve.

This type chuck permits bar-length stock to be automatically fed through the chuck to a retractable stop.

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**Contracting Chuck**

**Class:** B  
**Actuation:** Push to actuate. Self-contained hydraulic system – Set to prevent over-expansion.  
**Mounting:** Spindle mounted holes.  
Chip slingers

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**Balancing Chuck**

**Class:** A  
**Actuation:** Manual. Self-contained hydraulic system.  
**Mounting:** Spindle mounted  
End-contracting replaceable wear sleeve can handle different part sizes with appropriate sleeves.

Chuck is custom designed to centralize and grip on short length diameters.