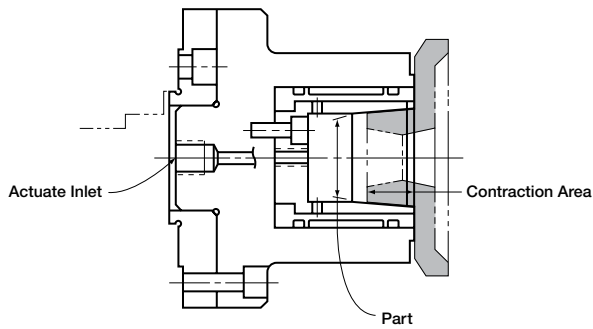


Contracting Precision Chuck

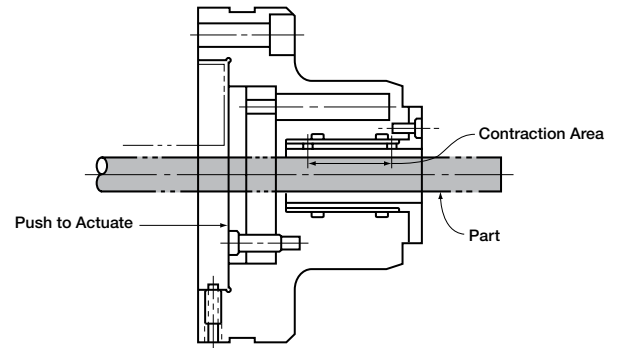


FEATURES:

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.

Contracting Bar-Feed Chuck

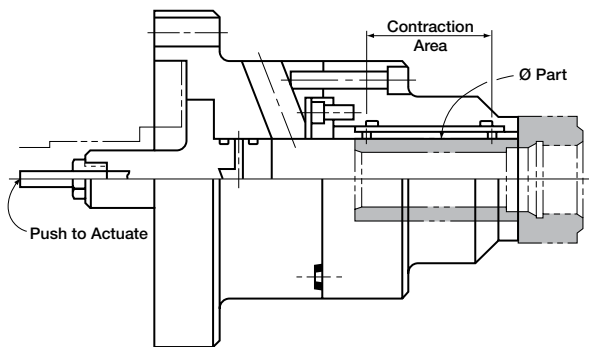


FEATURES:

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.

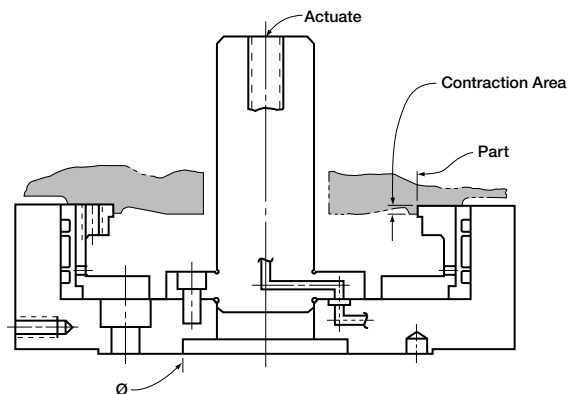
Contracting Chuck



FEATURES:

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

Balancing Chuck



FEATURES:

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.