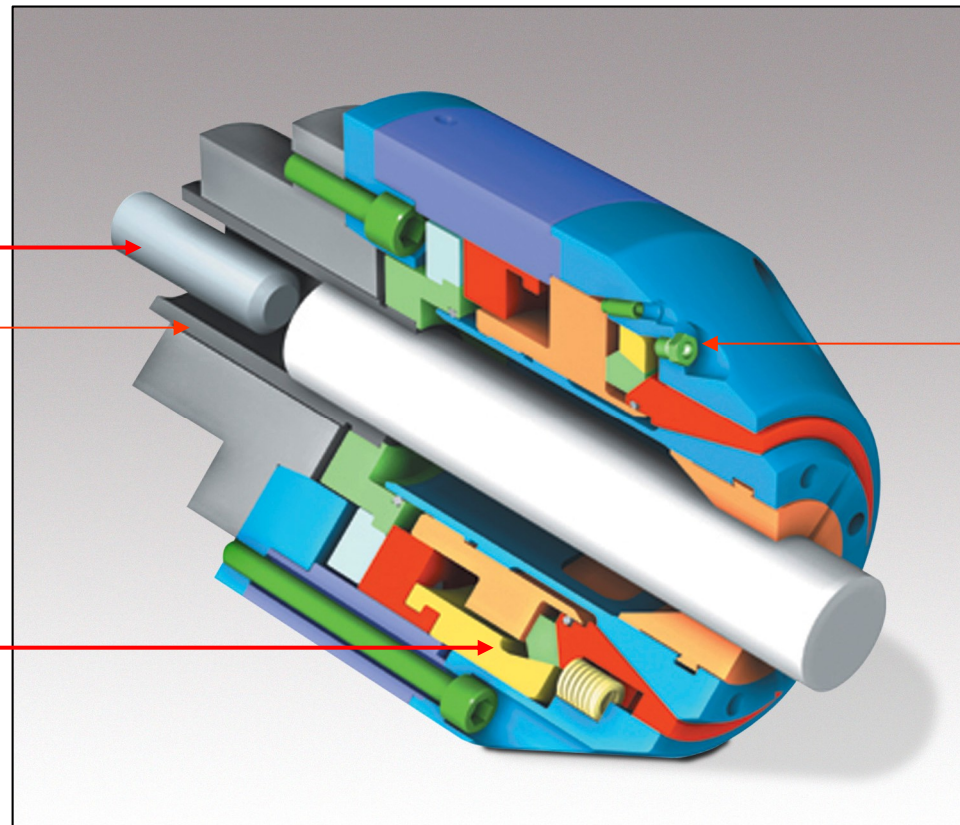


Prodyne® Servo Collet Chuck



Pusher

Drawtube

Convenient external lubrication points assure ease of service and help provide long service life.

Pulling this mechanism back creates a wedging action to occur which clamps down on the collet. The higher the hydraulic pressure on the drawtube cylinder, the higher the squeeze on the bar stock.

How It Works

The Servo chuck is operated via a hydraulic cylinder actuated drawtube. Hydraulic pressure in the cylinder pulls on the internal mechanism of the chuck creating a wedging action on the collet, thus closing it on the bar stock. Pushing the drawtube outward relieves the wedging effect and allows the bar stock to be repositioned by the machines pusher.