

# SELF-CENTERING INTERNAL PULL-BACK HYDRAULIC CLAMPING MODULE

(FOR USE ON ANY PARTS WITH A THROUGH-HOLE)

**STEERING KNUCKLES - BRAKE DRUMS/DISCS - GEARS, ETC.**



The PROHOLD® Self-Centering Internal Pull-Back Clamping Module (patent pending) provides an extremely easy and accurate way of loading, clamping and unloading of parts. Steering knuckles, brake drums, discs, gears, and any other part with a through-hole can be accurately positioned and quickly clamped into position for machining, making it easy on the machine tool operator. Different diameters can be accommodated as well as depth of holes. Here you see the clamping modules used in a fixture for steering knuckles. In this application the modules are stationary. The modules can also be made to rotate in applications where rotation of the part is necessary while machining.



## **FEATURES:**

**Application Range:** Modules can be sized to fit any diameter and depth of through-hole. Removable height pads can be replaced to accommodate families of parts having different heights with same size through-hole.

**Maintenance:** Modules can be replaced in a matter of minutes by just removing six bolts. O-ringed hydraulic porting on the rear face of the mounting flange simplifies fixture design.

**Self-Centering:** Located either by expansion collets or the expansion clamping fingers on pullback.

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