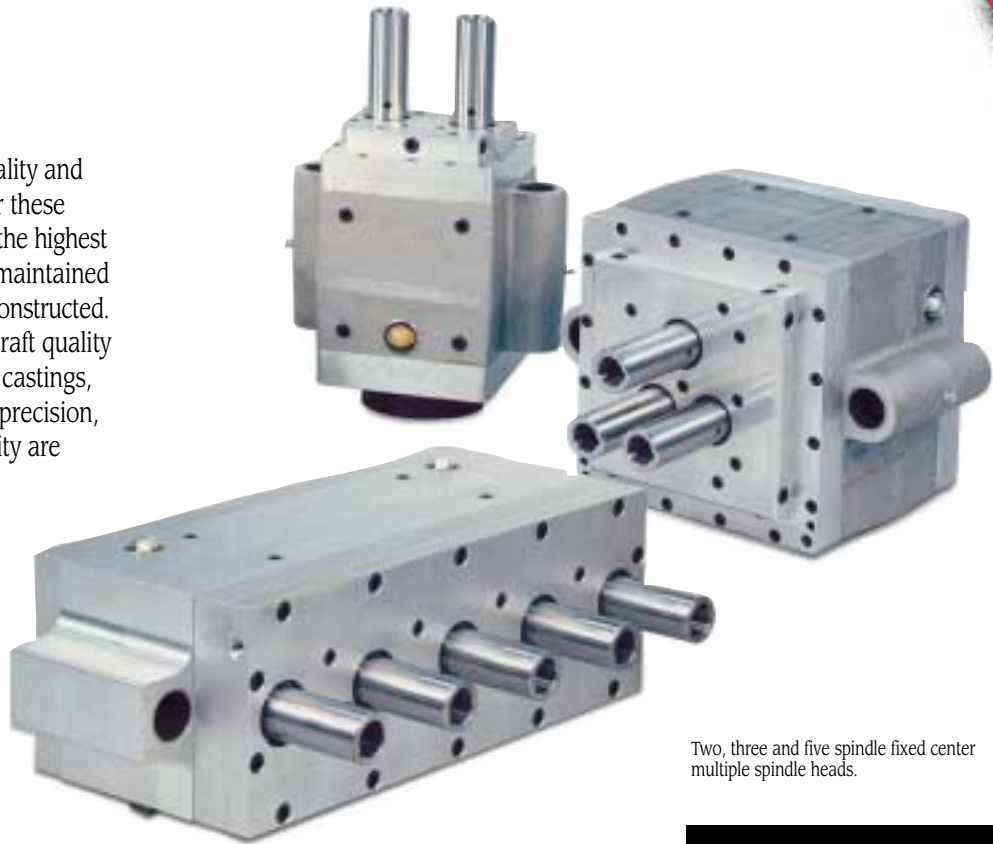
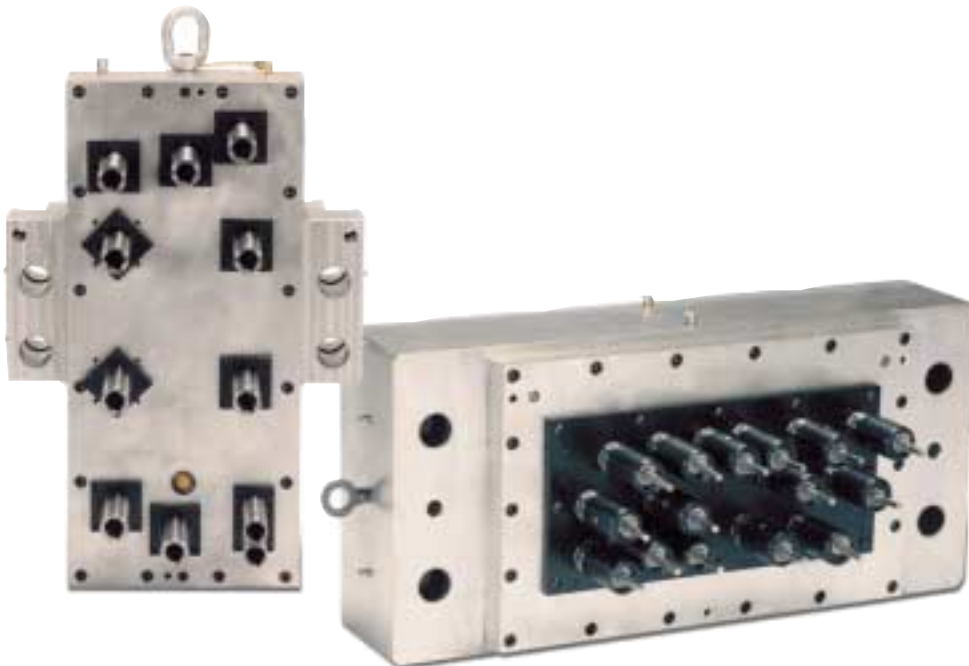


The Hause reputation for quality and long life is the foundation for these multiple spindle heads. Only the highest machine tool standards are maintained for every unit designed and constructed. Whether machined from aircraft quality aluminum, steel or from our castings, these heads are used where precision, repeatability and dependability are necessary.



Two, three and five spindle fixed center multiple spindle heads.



Eleven spindle, double guide bar bossed head with an internal lubrication pump. The spindle head was used to drill an eleven hole pattern in aluminum castings.

Fifteen orbiting spindle, double guide bar bossed head. The spindle head is used to flatten rivets in fifteen different positions, assembling two different parts together.

Features

- .001 c/c positioning on the spindles
- Extra heavy duty with larger bearings and bigger spindles
- Spindle choices for a variety of tool holders
- Internal coolant passages for maintaining temperature
- Spindles are ground to close tolerances from hardened alloy materials
- Precision ball bearings or needle bearings
- Large diameter extended bushing guide rods when required
- Foot-mounted version available for mounting to slides
- Grease or oil lubrication available (application dependent)

AUTOMOTIVE QUALITY HEADS



Two spindle fixed center multiple spindle head. Separated to show build details. (Rear view)

Two spindle fixed center multiple spindle head. Separated to show build details. (Front view)



Four spindle fixed center multiple spindle head with a traveling bushing carrier, mounted to a Hause air-hydraulic Holomatic® unit.

Two, three, five and six spindle fixed center multiple spindle heads of typical Hause construction.

