

Universal Joint Multi-Drill Heads and Tap Heads



UNIVERSAL JOINT DRILL HEAD
WITH ADJUSTABLE ARM

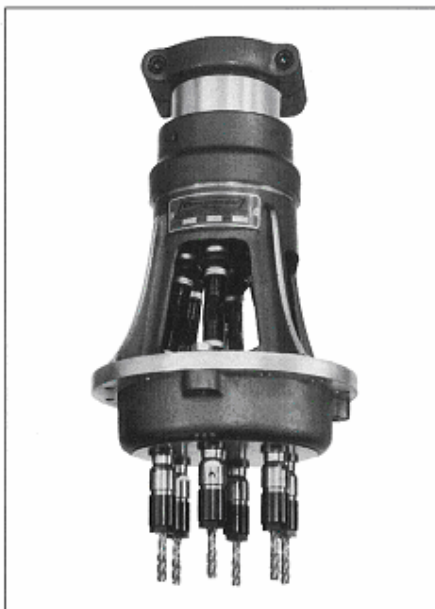
Universal Joint Multi-Drill drill and tap heads provide the maximum flexibility for a variety of hole patterns. Each can be configured for a specific job and then, simply reconfigured for another. Typical variations of Multi-Drill heads include:

UNIVERSAL JOINT DRILL HEAD WITH ADJUSTABLE ARM

The arm attaches to the bottom of the drill head and extends out the full area for the drilling or tapping application. Drills and taps are located anywhere along the base housing to meet the hole pattern. Changeovers to a wider or smaller hole pattern is done quickly by repositioning the arm or the drill and tap.

UNIVERSAL JOINT DRILL HEAD WITH FIXED POSITION PLATE

The fixed position plate (either round or rectangular depending on the model of drill head) has the advantage of a fixed-center drill. The plate is bored to the specific hole pattern and then the slip spindle cartridges are inserted in the plate. This provides for fast and accurate setup and reruns. To use the drill head for different hole patterns requires another bored fixed position plate.



UNIVERSAL JOINT DRILL HEAD
WITH FIXED POSITION PLATE

UNIVERSAL JOINT DRILL HEAD WITH GUIDE RODS AND BUSHED ARMS

Guide rods and bushed arms available for all Multi-Drill Universal Joint drill heads increase stability and rigidity beyond the capability of the basic machine being used. Rods mount on the machine table and extend through the bushing arms (or in the drill head flange). Please note that the use of guide rods with a fixed position plate drill head will require alteration of the plate to provide clearance for the arms.



Guide Rods