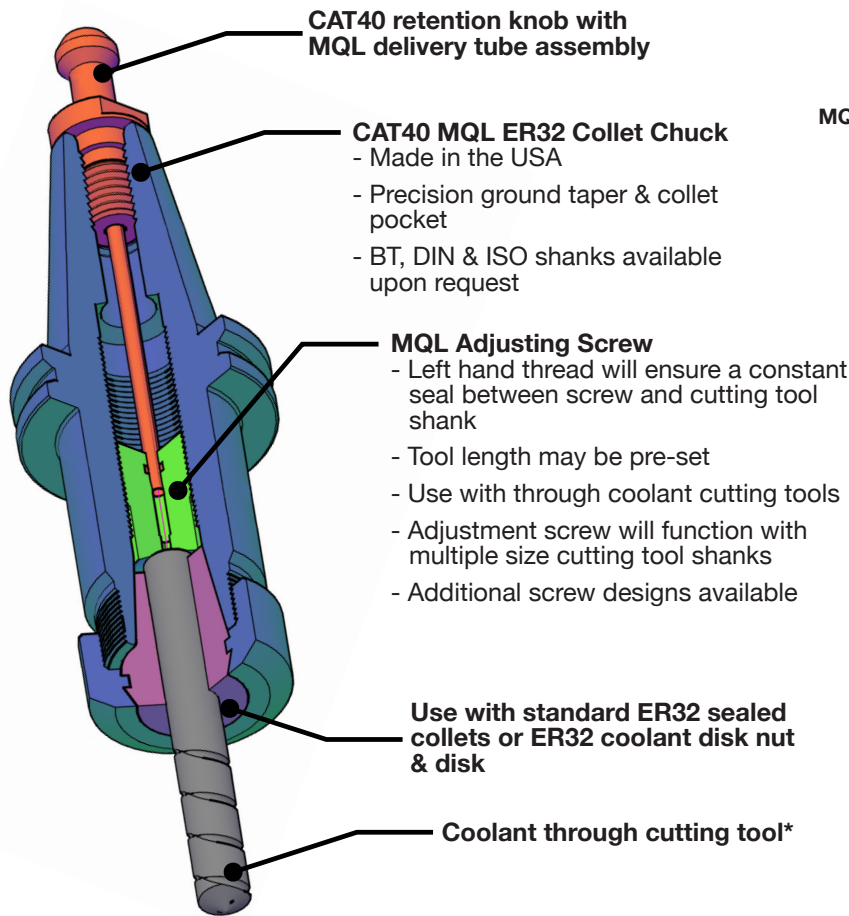


Steep Taper MQL Tool Holder Solution

T.M. Smith Tool is developing a complete steep taper MQL tool holder solution. The system consists of a precision made ER collet chuck, retention knob with MQL delivery tube, and MQL adjusting screw. Multiple interchangeable MQL screw designs are available to meet your application requirements.



How it works

When the tool holder is engaged in the spindle, the end of the fluid delivery tube is positioned within the retention knob. As the air flows past the end of the fluid delivery tube and into the tool holder, the MQL aerosol is created and carried through the retention knob/MQL delivery tube assembly to the shank of the tool. This prevents the fluid from being centrifuged away from the shank of the tool.

The MQL adjusting screw functions with multiple sizes of cutting tool shanks and allows tool length to be preset.

**Design of cutting tool may affect delivery of MQL aerosol.*

Steep taper MQL shrink fit holders coming soon!