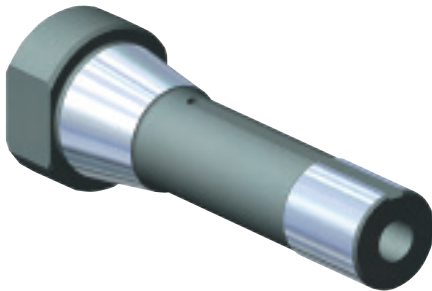


Quick Change 30, 40 & 50 Taper Sizes

- Quick-change (QC) shank design is similar to and interchangeable with NMTB shank tooling.
- Hub at the tail end of the taper cone houses the machine's draw bar bolt.
- Drive flange faces are precision ground to accommodate QC locknuts.
- QC locknuts can be retrofitted to manual-loading milling machine spindles to convert them to quick-change systems.
- Tapers are similar to the 7/24 shank cones of the CV, BT and DV tooling.
- Tapers are manufactured to the highest industry standards per ISO-1947.
- Taper accuracy provides optimum fit between spindle and toolholder.



R8 Taper Shank Tooling

- Locking groove aligns into a locking mechanism when inserted into the spindle.
- Milling machine draw bar bolt draws the tool into the spindle for a secure connection.



Straight Shank Tooling

- Ideal for extending tool to get to those hard-to-reach spots that need machined.
- Use in combination with other toolholder and adapter systems.

General Notes:

- All non-critical surfaces are black-oxide.
- Coolant is standard feature as enabled by toolholder design.
- Collets, QC, R8, and straight shank toolholders perform effectively up to 8,000 rpm, depending on the application and unless stated otherwise. Kennametal recommends the toolholder assembly (toolholder, components, collets, cutting tools) be balanced when operating at speeds higher than 8,000 rpm.
- All critical surfaces need to be protected from damage. Neglect from dings and scratches from cutting edges will impair accuracy and performance.
- Make sure components are clean when assembled.
- Never overtighten toolholders. This can permanently destroy their function and accuracy.