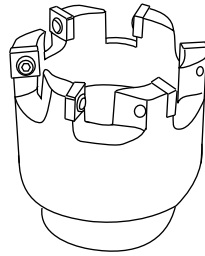
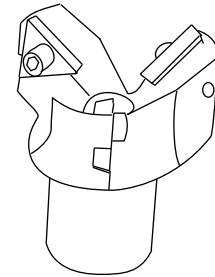


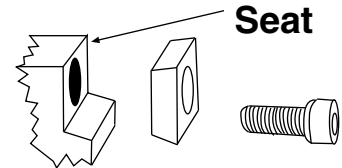
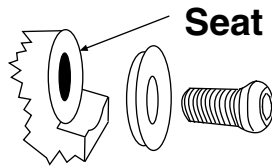
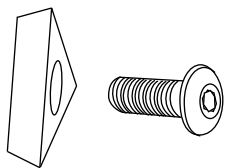
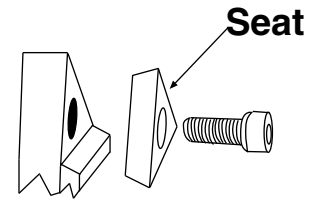
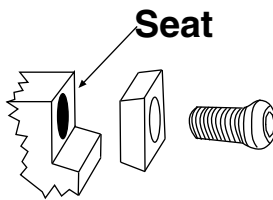
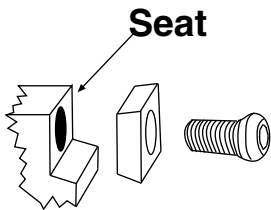
**Cutter for Simultaneous  
O.D. Cleaning and End  
Beveling**



**O.D. Cleaning,  
Clad Removal and  
Membrane Removal  
Cutters**



**High Speed Cutters**



The Multi-Prep™ cutter is an exclusive, U.S. patent protected, product that performs O.D. tube cleaning and bevels the tube end in one continuous operation.

The typical setup uses a square carbide insert to perform the cleaning and a 3-sided insert for the O.D. bevel.

Always install the inserts with the small side against the cutter seat (larger side out). The 4-sided insert is secured with a cap screw. The 3-sided must use the button-head cap screw

The conventional speed cutter is available for cleaning tube O.D.'s, removing cladding and other wear resistant materials or removing membrane from between waterwall tubes.

The standard setup uses the 4-sided insert. The small side of the insert installs against the cutter seat (larger side out). Almost every O.D. cleaning cutter is available with a radius insert which places a curved finish at the bottom of the machined area. The insert is installed with the small side against the cutter seat (large

High speed cutters are primarily used to place an O.D. bevel on the tube, remove membrane from between waterwall tubes and squaring tube ends/shortening.

The O.D. beveling and squaring/shortening cutters use the 3-sided insert. The membrane removal heads use the 4-sided insert. In all cases, the insert is mounted with the small side against the cutter seat (large side out).