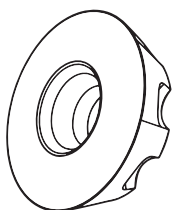
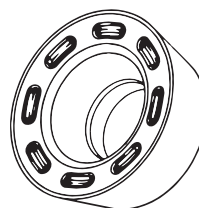




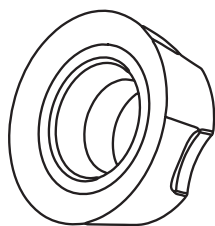
77 Family Geometries


-25 

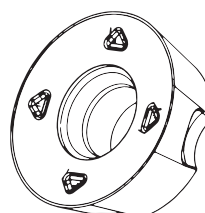
This geometry is specifically designed for heavy roughing applications and is the first choice for Steels and Cast Iron.


-422 

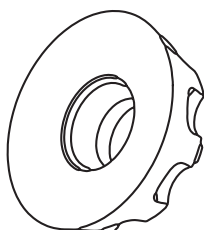
This positive geometry features an 11° chip angle and an “E” edge preparation for roughing and semi finishing applications in difficult to machine materials.


-41 

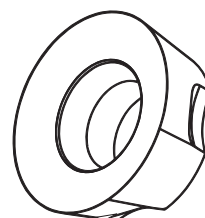
This general purpose utility geometry has a positive cutting action and reinforced cutting edge for medium roughing and semi-finishing applications.


-442 

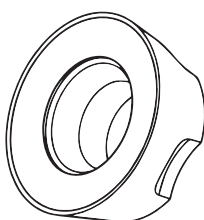
This NEW positive roughing and semi-finishing geometry features an 11° chip angle and an “E” edge preparation to minimize the pressure from chip formation.


-42 

This general purpose roughing and semi-finishing geometry features a positive rake and T-land to create a strong cutting edge designed to withstand high cutting forces and interrupted cuts.


-701 

This precision ground extreme high positive geometry is especially suitable for finishing a wide range of materials at low feed rates and delivers excellent performance when machining thin-walled components.


-421 

This high positive geometry features high accuracy periphery grinding for precise control of the cutting edge. For semi-finishing and finishing applications.

Tool	-25	-41	-42	-421	-422	-442	-701
7700VR08		●			●		●
7710VRD20	●		●				
7713VR10		●		●	●		●
7713VR12		●		●		●	●

Material Guide – Key to Recommended Inserts

Material Designation

 Unalloyed Steels
  Alloyed Steels
  Stainless Steels
  PH Stainless
  Cast Irons
  Aluminum & Alloys
  High Temp. Alloys
  Hard Materials