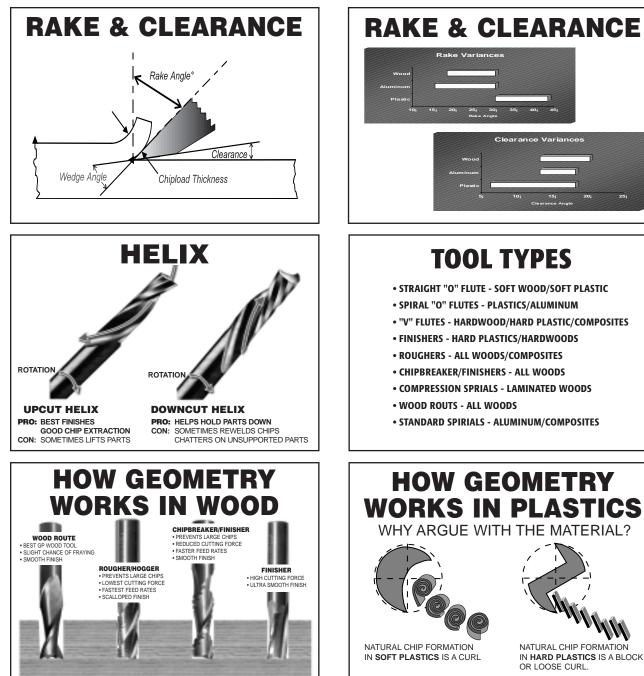
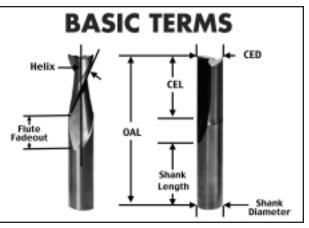
## **CUTTING TOOL GEOMETRY**

Cutting tool geometry influences many factors including the type of chip produced, the flow of the chip, the finish, and the actual force placed on the part. Consequently, it is important to understand the basic terms associated with tool geometry and how these influences effect the machining process.





OAL= overall length CEL= cutting edge length **CED** = cutting edge dia.



## **TOOL TYPES**

- STRAIGHT "O" FLUTE SOFT WOOD/SOFT PLASTIC
- SPIRAL "O" FLUTES PLASTICS/ALUMINUM
- "V" FLUTES HARDWOOD/HARD PLASTIC/COMPOSITES
- FINISHERS HARD PLASTICS/HARDWOODS
- ROUGHERS ALL WOODS/COMPOSITES
- CHIPBREAKER/FINISHERS ALL WOODS
- COMPRESSION SPRIALS LAMINATED WOODS
- STANDARD SPIRIALS ALUMINUM/COMPOSITES