

# GRINDING WOODTURNING TOOLS

NOTES

ELEVATION/GRINDING ANGLE

PLAN

SECTION

TYPE

SHALLOW AND DEEP FLUTE ROUGHING GOUGES ARE GRIND THE SAME AND DO THE SAME JOB.

A GOOD RULE OF THUMB TO ACHIEVE THE 25° SHARPENING ANGLE IS: BEVEL = 2x TOOL THICKNESS.

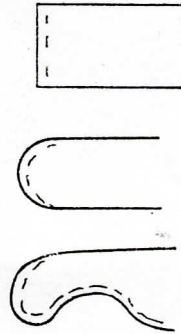
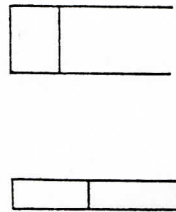
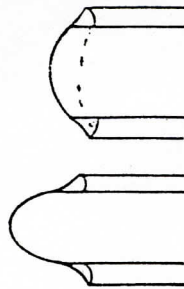
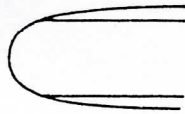
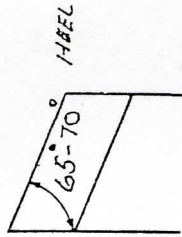
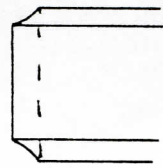
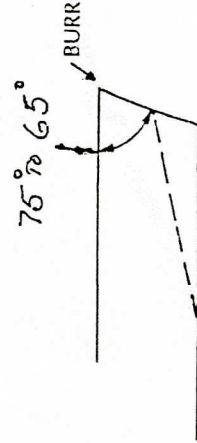
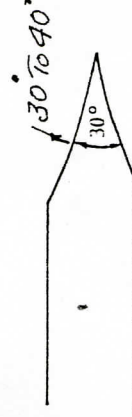
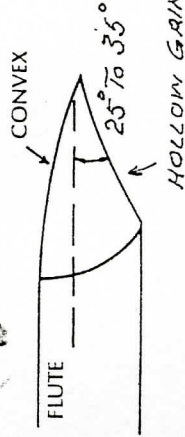
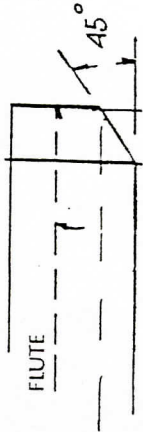
$1\frac{1}{2}$  X TOOL THICKNESS

WHEN VIEWED IN ELEVATION IT IS IMPORTANT THAT THE TOP EDGE IS SLIGHTLY CONVEX.

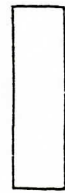
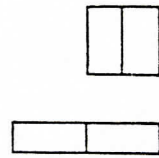
GRINDING ANGLE AND SHAPE VARY ACCORDING TO USAGE. **R. RADIUS AT BOTTOM OF BOWL**

WIDTH VARIES ACCORDING TO USE SOME ARE RENEWED FORMING A DIAMOND SHAPE.

ONLY TOOL NOT HONED SHAPED IN PLAN TO SUIT JOB BOTTOM CAN BE RELIEVED TO HELP ACCESS.



TOE



ROUGHING GOUGES

SKEW CHISELS

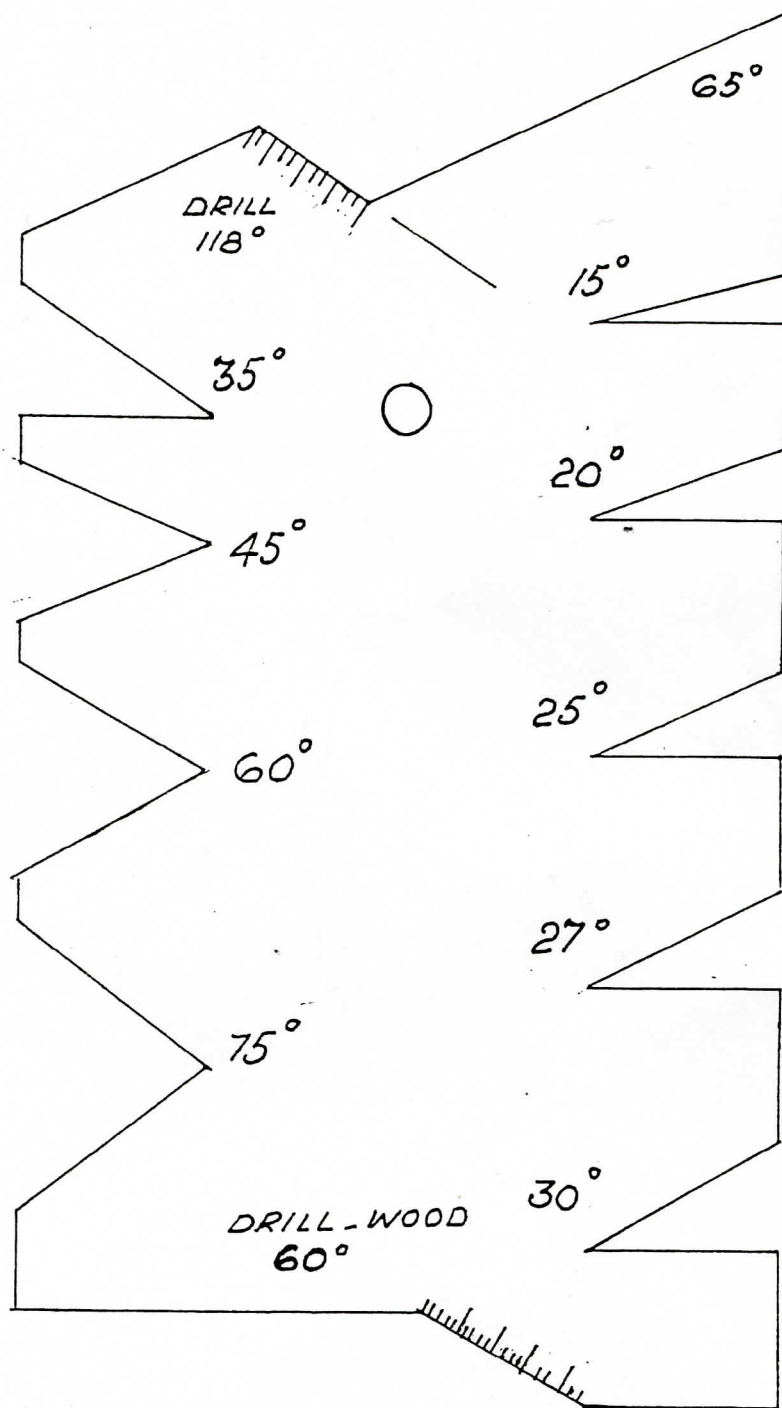
SPINDLE/DETAIL GOUGES

BOWL GOUGES

NARROW AND WIDE PARTING TOOLS

SCRAPERS

SMALLER THE ANGLE THE FASTER THE TOOL = SHORTER LIFE  
HARD TIMBER. USE OBTUSE ANGLE SHARPER FOR SOFT



GLUE TO A SHEET OF ALUM. OR STEEL  
 SHEET - DRILL  $\frac{1}{16}$ " DIA HOLE AT POINT  
 OF VEE - CUT WITH SHARP TIN SNIPS