

## DETERMENING GRAVER GEOMETRY

To Determine the geometry for a graver, add the two angles of the bottom geometry and subtract it from 180 degrees.

Example 1:  $45+45=90$   $180-90=90$

Example 2 :  $30+30=60$   $180-60=120$

This sum equals the total included angle. So you can say that the included angle is what is left from the 180 degrees

This means that if you want to make a 105 degree graver then you would subtract 105 from 180 then divide the sum by 2.

Example :  $180-105=75$  now divide  $75 / 2=37.5$

### The angles to grind each side of the bottom of graver for most common geometries

120 = 30 degrees per side

115 = 32

110 = 35

105 = 37.5

100 = 40

90 = 45

80 = 50

70 = 55



