Formula: pie x (radius, squared)　　　Pie =　　　3.14159

Head circle #1 Squish band outer　　　59.29703 %
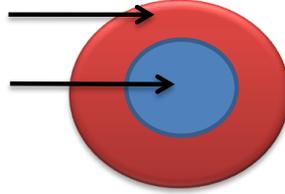
Head circle #2 Combustion chamber　　40.70297 %
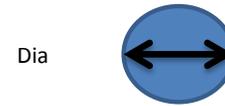
Dia

Radius　　1/2 the Dia

#1　　**89.5** mm

#2　　**57.1** mm
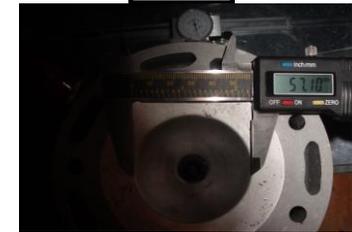
Head Circle #1 Squish Band	89.5 mm	Diameter
Radius #1 = 1/2 of diameter	44.75 mm	1/2 of Diameter
Radius#1 squared = R x R	2002.563 mm	1/2 of Diameter Squared
Radius Squared x Pie = Area	6291.23 mm	Total Area of Head
Area of #1-Area of #2 =	3730.512 mm	Total Area of Squish band
Circle #1 / Circle #2 x100= %	59.29703 %	Squish Band Area Percentage
Total Head cc's	49 cc's	Total Head Volume
Squish band cc's	15 cc,s	Squish Band Volume
Squish Band cc %	30.61224 %	Squish Band Volume %
Squish Band Angle	16 Degrees	
Piston Angle	14 Degrees	
Squish Angle	2 Degrees	Used for Squish Velocity

Combustion Chamber Volume

Total Head Volume

34 cc's
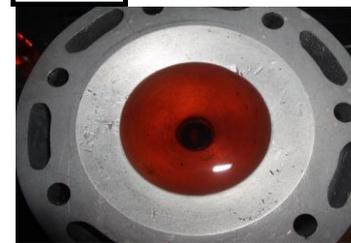
49 cc's

Head Circle #2 Combustion chamber	57.1 mm	Diameter
Radius #2 =1/2 of diameter	28.55 mm	1/2 of Diameter
Radius#2 squared = R x R	815.1025 mm	1/2 of Diameter Squared
Radius Squared x Pie = Area	2560.718 mm	Total Area of Combustion Chamber

Circle #2 / Circle #1 x100= %	40.70297 %	Combustion Chamber Area percentage
Combustion Chamber cc's	34 cc's	Combustion Chamber Volume
Combustion Chamber cc %	69.38776 %	Combustion Chamber Volume %

Squish Band Angle

Piston Crown Angle

16 Degrees

14 Degrees

Math check (area %)	100 %
Math check (cc %)	100 %

Adnoh