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|---|-------------------------------|
| V_c | = Compression volume |
|  V_{bowl} | = Piston bowl volume |
| V_{dead} | = Dead volume |
|  V_{squish} | = Squish zone volume |
|  V_{fire} | = Fire land volume |
|  V_{valve} | = Volume due to valve recess |
|  $V_{pockets}$ | = Volume due to valve pockets |

$$\begin{aligned}
 V_c &= V_{bowl} + V_{dead} \\
 &= V_{bowl} + V_{squish} + V_{fire} + V_{valve} + V_{pockets}
 \end{aligned}$$

$$K - \text{Factor} = V_{bowl} / V_c$$