

“Bolt specification” *“1/2–13 UNC–2A Heavy Hex Bolt”*

“Nominal diameter” $d_{nominal} := \frac{1}{2} \cdot in$

“Threads Per Inch” $N_{threads} := 13 \cdot \frac{1}{in}$

“Threat Pitch” $P := \frac{1}{N_{threads}}$ $P = 0.077 in$