

"Bolt specification"

"1/2- 13 UNC- 2A Heavy Hex Bolt"

"Nominal diameter"

$$d_{\text{nominal}} = \frac{1}{2} \text{ in}$$

"Threads Per Inch"

$$N_{\text{threads}} = 13 \frac{1}{\text{in}}$$

"Thread Pitch"

$$P = \frac{1}{N_{\text{threads}}}$$

$$P = 0.077 \text{ in}$$