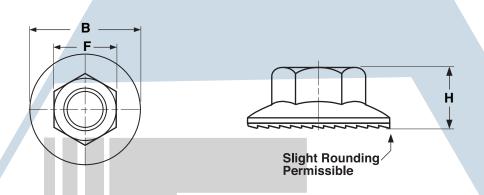
## **Serrated Large Flange**



| Serrated Large Flange Hex Lock Nuts               |        |                        |      |                 |       |               |      |  |
|---|--------|------------------------|------|-----------------|-------|---------------|------|--|
| Nominal Size or Basic Major<br>Diameter of Thread |        | F                      |      |                 | В     |               | Н    |  |
|   |        | Width Across the Flats |      | Flange Diameter |       | Nut Thickness |      |  |
|   |        | Max                    | Min  | Max             | Min   | Max           | Min  |  |
| 1/4   | 0.2500 | .437                   | .428 | .728            | .687  | .312          | .281 |  |
| 5/16  | 0.3125 | .500                   | .489 | .823            | .790  | .375          | .343 |  |
| 3/8   | 0.3750 | .562                   | .551 | ,915            | .884  | .406          | .390 |  |
| 1/2   | 0.5000 | .750                   | .736 | 1.205           | 1.171 | .515          | .485 |  |

| Description                 | Hex nut with a circular base flaring out from the bottom of the nut that is 6% to 25% wider than the flange of a standard serrated flannut. The bearing surface of the flange has serrations which displace material on the mating surface when the nut is wrenched into plan forming a connection that resists loosening. |  |  |  |  |
|-----------------------------|--|--|--|--|--|
| Applications/<br>Advantages | Offers the same advantages of the standard serrated flange lock nut, including reusability, but will span even larger holes. Also has a uniform bearing-stress to clamp-force ratio than the standard serrated flange nut.   |  |  |  |  |
| Material                    | Low carbon steel   |  |  |  |  |
| Hardness                    | Rockwell C40 minimum   |  |  |  |  |
| Plating                     | See Appendix-A for plating information   |  |  |  |  |