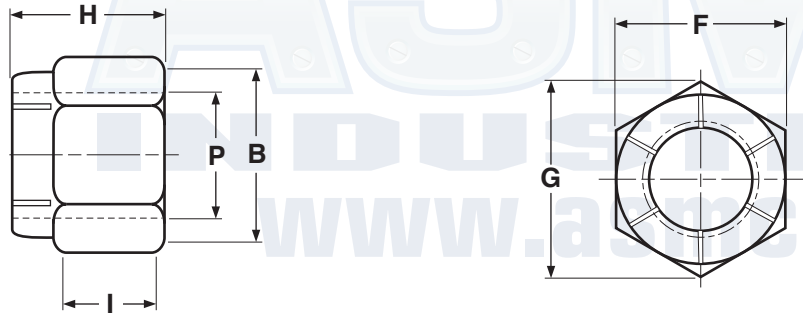


Heavy Hex,
Full Height

FLEXLOC® ALL-METAL LOCK



| FLEXLOC® HEAVY HEX FULL HEIGHT LOCKNUTS | | | | | | | | | SPS |
|---|--------|--------------------|-------|-------------------------------|----------------------|-----------|-------------|--|-----|
| Nominal Size or Basic Thread Diameter | | F | | B | G | H | I | Tensile Strength for Coarse Thread Nuts—Steel & Stainless (psi.) | |
| | | Width Across Flats | | Bearing Surface Outside Diam. | Width Across Corners | Thickness | Side Height | | |
| | | Max | Min | Min | Min | Max | Min | Min | |
| 1/4 | 0.2500 | 0.502 | 0.492 | 0.492 | 0.561 | 0.290 | 0.094 | 5,730 | |
| 5/16 | 0.3125 | 0.564 | 0.553 | 0.553 | 0.631 | 0.321 | 0.113 | 9,600 | |
| 3/8 | 0.3750 | 0.627 | 0.616 | 0.616 | 0.703 | 0.384 | 0.144 | 13,800 | |
| 7/16 | 0.4375 | 0.752 | 0.741 | 0.741 | 0.846 | 0.446 | 0.163 | 14,900 | |
| 1/2 | 0.5000 | 0.814 | 0.803 | 0.803 | 0.917 | 0.509 | 0.196 | 22,000 | |
| 5/8 | 0.6250 | 1.002 | 0.990 | 0.990 | 1.130 | 0.634 | 0.216 | 34,000 | |
| 3/4 | 0.7500 | 1.127 | 1.115 | 1.115 | 1.271 | 0.759 | 0.245 | 50,000 | |
| 7/8 | 0.8750 | 1.314 | 1.301 | 1.301 | 1.484 | 0.884 | 0.397 | 64,600 | |
| 1 | 1.0000 | 1.502 | 1.489 | 1.489 | 1.699 | 1.009 | 0.462 | 85,000 | |
| 1 1/4 | 1.2500 | 2.002 | 1.988 | 1.988 | 2.250 | 1.259 | 0.616 | 125,000 | |

| | | |
|---------------------------------|---|--|
| Description | An all-metal, one-piece, hex-shaped lock nut with a round collar at its back end. The collar is segmented with opposed slots cut into it above each corner of the nut. When the screw or bolt reaches the collar, the slotted portion expands which creates the prevailing torque locking action. | |
| Applications/ Advantages | The full height heavy hex lock nut has the greatest locking capability and largest wrenching area of all FlexLoc® nuts. FlexLoc nuts maintain their locking strength through 15 removals and re-applications, and at temperatures up to 550°F (450°F if zinc or cadmium plated). They have superior resistance to vibration compared to all other lock nut varieties and do not gall threads. | The full height heavy hex lock nut has the greatest locking capability and largest wrenching area of all FlexLoc® nuts. They have superior resistance to vibration compared to other stainless lock nut varieties and do not gall threads. |
| Material | Steel Carbon steel. | Stainless 18-8 Stainless |
| Tensile Strength | Minimum tensile strength requirements for carbon steel FlexLoc® nuts are listed in above table. | |
| Plating | Unless specified as plain steel, FlexLoc® nuts are used with a zinc, zinc yellow or cadmium finish. | Stainless flexible lock nuts are usually provided without any additional finish. |

FLEXLOC® is a registered trademark of the SPS Technologies, Inc. Kanebridge's lock nuts are not manufactured by or connected with the producers of FLEXLOC® nuts.