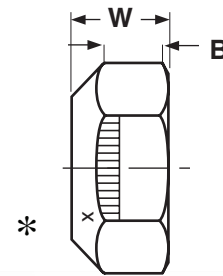
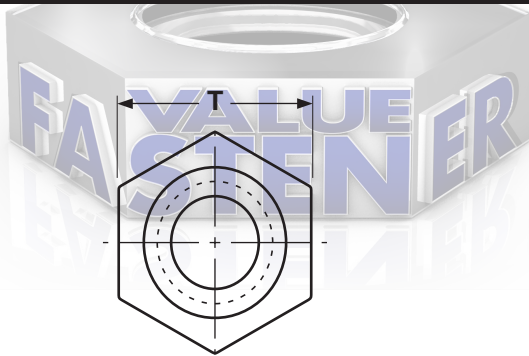


Grade-B

## Stover®-equivalent Lock

Nuts



## GRADE B AUTOMATION STYLE LOCK NUTS

RB&amp;W Corp.

| Nominal Size in Inches | T                  |        |        | W                 |       | B          |
|------------------------|--------------------|--------|--------|-------------------|-------|------------|
|                        | Width Across Flats |        |        | Overall Thickness |       | Hex Height |
|                        | Nom                | Max    | Min    | Max               | Min   | Min        |
| 1/4                    | 7/16               | 0.4385 | 0.428  | 0.257             | 0.243 | 0.145      |
| 5/16                   | 1/2                | 0.5020 | 0.489  | 0.302             | 0.292 | 0.166      |
| 3/8                    | 9/16               | 0.5645 | 0.551  | 0.377             | 0.360 | 0.198      |
| 7/16                   | 11/16              | 0.6895 | 0.675  | 0.430             | 0.410 | 0.223      |
| 1/2                    | 3/4                | 0.7520 | 0.736  | 0.510             | 0.490 | 0.262      |
| 5/8                    | 15/16              | 0.9395 | 0.922  | 0.645             | 0.621 | 0.329      |
| 3/4                    | 1-1/8              | 1.1270 | 1.088  | 0.750             | 0.702 | 0.382      |
| 7/8                    | 1-5/16             | 1.3145 | 1.2690 | 0.862             | 0.810 | 0.450      |
| 1                      | 1-1/2              | 1.5020 | 1.4500 | 0.958             | 0.902 | 0.513      |



|                                |                                                                                                                                                                                                                                                                            |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>             | <i>Grade-B Automation Lock Nut:</i> An all-metal, one-piece hex nut, thicker than a Grade-C across the flats, which derives its prevailing torque characteristics from controlled distortion of its top threads from their normal helical form to a more elliptical shape. |
| <b>Applications/Advantages</b> | <i>Grade-B:</i> These nuts are reusable and can withstand temperatures of up to 450°F. The conical-shaped top enables this nut to be used with an automatic feeder. The Grade-B can be used with low or medium carbon steel screws (i.e. a SAE Grade-2 or Grade-5).        |
| <b>Material</b>                | Low carbon steel.                                                                                                                                                                                                                                                          |
| <b>Proof Load</b>              | 120,000 psi.                                                                                                                                                                                                                                                               |
| <b>Plating</b>                 | See Appendix-A for plating information.                                                                                                                                                                                                                                    |



\*Product standards require all grade-marked nuts 1/4" diameter and larger to have a raised or depressed insignia identifying its manufacturer. "X" represents one location such a marking may appear.