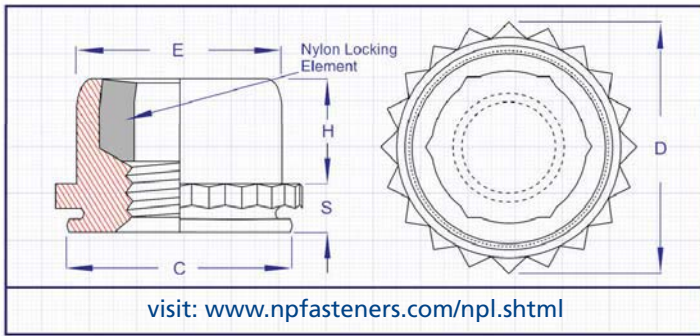


NYLOC CLINCH NUTS



SPECIFICATION

| Thread & Pitch | Hole Size in Panel +0.8 -0.00 | Sheet Thickness (See Note) | S Max | C Max | E Max | D Max | H Max | Min C/L to edge of Panel | Maximum Hole in mating component | Maximum Tightening Torque (Nm) |
|----------------|-------------------------------|----------------------------|-------|-------|-------|-------|-------|--------------------------|----------------------------------|--------------------------------|
| M3 x 0.5 | 6.0 | 1.5 - 1.78 | 1.52 | 5.97 | 5.5 | 7.1 | 3.6 | 4.3 | 3.5 | 1.13 |
| M4 x 0.7 | 7.5 | 1.5 - 1.78 | 1.52 | 7.47 | 7.0 | 8.6 | 4.2 | 5.6 | 4.5 | 2.3 |
| M5 x 0.8 | 8.0 | 1.5 - 1.78 | 1.52 | 7.97 | 7.5 | 8.9 | 4.5 | 6.4 | 5.5 | 3.12 |

NOTE: This part may be used in panels from 1.0mm to 1.49mm if the fastener is not installed with the knurling collar fully flush. The knurled collar must be left proud of the panel as if the sheet thickness was 1.5mm or less. Incorrect installation of this fastener may result in the collar fracturing in panels thicker than 1.7mm where the mating screw is tightened past the maximum recommended torque.

INFORMATION

MATERIALS

Carbon Steel,
300 Series Stainless Steel (A2).
Locking Element:
Heat Stabilised Nylon.

FINISHES

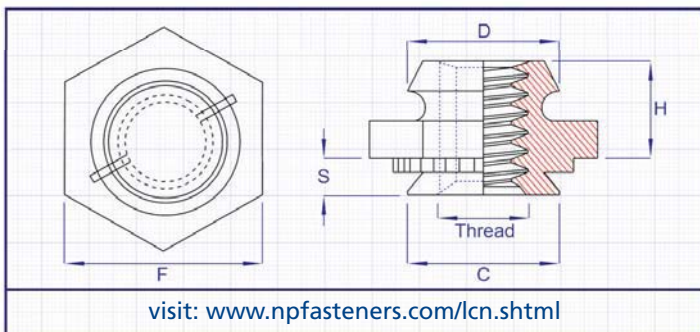
Bright Zinc Trivalent Clear Passivate (ZI).

PART NUMBER EXAMPLES

Type / Thread / Material Code / Finish
= NPL - M3 - ZI
(Nyloc Clinch Nut, M3, Steel, BZP)

NOTES: Maximum hardness of parent material: Steel and Stainless Steel parts - 70HRB. Please note that Stainless Steel parts cannot usually be successfully installed into Stainless Steel Sheet (See Self Clinch technical notes page for further details). The maximum operating temperature for this fastener is 120°C / 250°F.

LOCKING SELF CLINCHING NUTS



SPECIFICATION

| Thread & Pitch | Material Code | Min Rec Sheet Thickness | S Max | C Max | D Max | F Nom | H ± 0.4 | Hole Size in Panel +0.08 -0.0 | Max Prevailing Locking Torque (Nm) (Guide) | Min C/L to edge of panel |
|----------------|---------------|-------------------------|-------|-------|-------|-------|---------|-------------------------------|--|--------------------------|
| M3 x 0.5 | 1 | 1.0 | 0.97 | 4.73 | 4.85 | 6.35 | 3.43 | 4.75 | 0.56 | 4.0 |
| | 2 | 1.4 | 1.38 | | | | | | | |
| M4 x 0.7 | 1 | 1.0 | 0.97 | 6.73 | 6.20 | 8.73 | 4.45 | 6.76 | 1.7 | 5.2 |
| | 2 | 1.4 | 1.38 | | | | | | | |
| M5 x 0.8 | 1 | 1.0 | 0.97 | 7.90 | 7.75 | 9.53 | 5.21 | 7.92 | 2.0 | 5.6 |
| | 2 | 1.4 | 1.38 | | | | | | | |

INFORMATION

FINISHES

Bright Zinc Trivalent Clear passivated (ZI), Also available with a Dry Film Lubricant (MD).

MATERIALS

Carbon Steel,
300 Series Stainless Steel (A2), (Aluminium (AL) To Special Order).

NOTES:

Maximum hardness of parent material : Steel and Stainless Steel parts - 70HRB : Aluminium - 50 HRB. Please note that Stainless Steel parts cannot usually be successfully installed into Stainless Steel Sheet.

PART NUMBER EXAMPLE

Type / Thread / Material Code / Finish =
LCN - M3 - 1 - ZI (Locking Clinch Nut, M3, 1mm Min Sheet, Steel, BZP)

For detailed installation guides and performance data visit www.npfasteners.com