

## PANELOK

Panelok is a highly customised two-piece bolt-&-nut type fastener. When installed, a high tensile, low profile splined bolt with an undercut head, nitrile seal and Scotch-grip patch on the thread matches neatly with a Torx drive T-nut. Externally tamperproof, the assembly is optimal for metal/wood applications where a Low-Profile finish is desirable on both-sides. Door hardware and frame/bulkhead attachments to GRP are favoured applications.

**Material:** 1022 Steel

**Finish:** Zinc Plate

| Bolt Code | Hole Size<br>(tap-in fit)<br>mm | D1<br>mm | D2<br>(thread form)<br>mm | H<br>mm | W<br>mm | L<br>mm | T<br>mm |
|-----------|---------------------------------|----------|---------------------------|---------|---------|---------|---------|
| APLB-1014 | 10.0                            | 10.5     | 5/16" UNC                 | 23.1    | 5       | 6.6     | 15.6    |
| APLB-1016 | 10.0                            | 10.5     | 5/16" UNC                 | 23.1    | 5       | 9.5     | 15.9    |
| APLB-1020 | 10.0                            | 10.5     | 5/16" UNC                 | 23.1    | 5       | 9.5     | 22.3    |
| APLB-1024 | 10.0                            | 10.5     | 5/16" UNC                 | 23.1    | 5       | 12.3    | 26.2    |

| Nut Code  | H<br>mm | W<br>mm | L<br>mm | D<br>mm | Drive Bit |
|-----------|---------|---------|---------|---------|-----------|
| APLN-1006 | 25      | 5       | 10      | 10      | Torx T55  |
| APLN-1008 | 25      | 5       | 13      | 10      | Torx T55  |
| APLN-1010 | 25      | 5       | 16      | 10      | Torx T55  |
| APLN-1016 | 25      | 5       | 25      | 10      | Torx T55  |

GRIP DATA - using various bolt/nut combinations

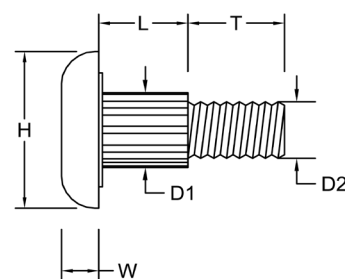
| Bolt Code | Nut Code  | Grip Range (mm) |
|-----------|-----------|-----------------|
| APLB-1014 | APLN-1006 | 18.0 - 21.0     |
| APLB-1014 | APLN-1008 | 21.0 - 24.9     |
| APLB-1014 | APLN-1010 | 22.5 - 28.1     |
| APLB-1016 | APLN-1008 | 24.4 - 28.1     |
| APLB-1016 | APLN-1010 | 25.4 - 31.3     |
| APLB-1020 | APLN-1008 | 30.8 - 34.5     |
| APLB-1020 | APLN-1010 | 30.8 - 37.7     |
| APLB-1020 | APLN-1016 | 35.3 - 47.6     |

All dimensions are nominal. Detailed dimensions are available on request.

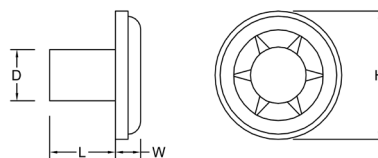
Dimensions and specifications are subject to change without notice. Check your distributor for the latest data sheet.

The test data provides approximate strength values averaged in multiple tests in various materials and thicknesses.

We recommend testing your application when an exact strength figure is required, or the load to be applied comes close to the published data.



Bolts are supplied with nitrile weather seal under the head.



Shear strength: 14KN  
Tensile strength: 20KN  
Suggested torque assembly: 17.20Nm