

## Description

Panelock bolt & t-nut - Steel

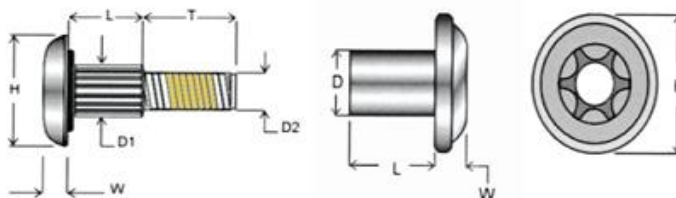
Panelock is a highly customised two-piece bolt-&-nut type fastener. When installed, a high tensile, low profile splined bolt with an undercut head, nitrile seal and Scotch-grip patch on the thread matches neatly with a star-drive T-nut. Externally tamperproof, the assembly is optimal for metal/wood applications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



*\*Image indicative, product finish may vary*

**Material** Steel 1022 (Grade 8.8)  
**Finish** APLB - Zinc Plated  
 APTN - Geomet SST 500 hr, no red rust

## Specifications



### Dimensions

Panelock Bolt

Part Code	H	W	L	T	D1	Hole Size Tap-in fit	D2 Thread form
APLB-1014	23.10	5.10	6.60	15.60	10.50	10.30	5/16"
APLB-1016	23.10	5.10	9.50	15.90	10.50	10.30	5/16"
APLB-1020	23.10	5.10	9.50	22.30	10.50	10.30	5/16"

### Dimensions

Panelock T-Nut

Part Code	H	W	L	D	Drive Bit
APTN-1008	25.40	4.00	12.70	9.90	Star-drive T55
APTN-1010	25.40	4.00	15.90	9.90	Star-drive T55
APTN-1016	25.40	4.00	25.80	9.90	Star-drive T55

Bolt Code	Nut Code	Grip Range	Nominal Grip	Shear kN	Tensile kN
APLB-1014	APTN-1008	21.2 – 24.9	23.10	14.00	20.00
APLB-1014	APTN-1010	22.5 – 28.1	25.30	14.00	20.00
APLB-1016	APTN-1008	24.4 – 28.1	26.30	14.00	20.00
APLB-1016	APTN-1010	25.4 – 31.3	28.40	14.00	20.00
APLB-1020	APTN-1008	30.8 – 34.5	32.70	14.00	20.00
APLB-1020	APTN-1010	30.8 – 37.7	34.30	14.00	20.00
APLB-1020	APTN-1016	35.3 – 47.6	41.50	14.00	20.00

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

As this data is based on multiple tests in various thicknesses we recommend testing the fastener in your application when an exact strength figure is required, or the load to be applied comes close to the published data

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