

TOP-TAINER™

The built-to last Top-Tainer™ system has taken the worry out of FRP and door Hardware fasteners with its unique design. Engineered for extra strength and durability, Top-Tainer™ is a proven fastener for doors and FRP hardware on the market.

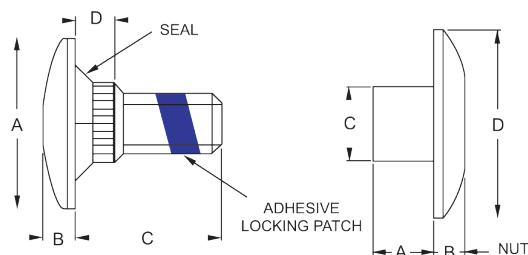
FEATURES

- » Dependability: low profile, large diameter head and radius fillet for even pressure clamp load
- » Unique: Top-Tainer™ has an undercut radius. It can be used with an O-ring to provide an environmental seal or is available with an encapsulated head to provide additional corrosion protection
- » Tamper resistant: A low profile head designed in conjunction with a T-55 TORX® drive makes this design difficult to tamper with.
- » Vibration-resistant: Scotch grip patch on bolt provides chemical bond between nut and bolt. This makes for a stronger bond, which eliminates loosening caused by vibration.
- » Tight-Fitting: Rib mates through the hinge or FRP panel, and locks to prevent twisting



TECHNICAL DATA

- » Recommended hole size: 10.3 mm
- » Thread: 5/16 UNC
- » Shear strength: 14 Kn
- » Tensile strength: 20 Kn
- » Recommended assembly torque: 17-20 Nm
- » Drive bit - T55



TOP-TAINER™ BOLT DIMENSIONS

Part No.	Colour Code	Grip Min	Range Max	A	B	C	D
TTB-8014	Brown	13.00	14.90	23.10	5.08	14.00	5.50
TTB-8016	White	14.50	15.60	23.10	5.08	16.00	5.50
TTB-8016	White	15.50	17.40	23.10	5.08	16.00	5.50
TTB-8016	White	18.50	20.50	23.10	5.08	16.00	5.50
TTB-8019	Black	17.90	19.70	23.10	5.08	19.05	6.60
TTB-8019	Black	20.00	23.50	23.10	5.08	19.05	6.60
TTB-8022	Blue	21.30	23.10	23.10	5.08	22.20	6.60
TTB-8022	Blue	20.60	25.60	23.10	5.08	22.20	6.60
TTB-8022	Blue	23.20	27.20	23.10	5.08	22.20	6.60
TTB-8025	Yellow	24.50	25.90	23.10	5.08	25.40	9.50
TTB-8025	Yellow	24.50	28.70	23.10	5.08	25.40	9.50
TTB-8025	Yellow	25.80	30.40	23.10	5.08	25.40	9.50
TTB-8032	Red	31.20	32.60	23.10	5.08	31.75	9.50
TTB-8032	Red	31.20	34.20	23.10	5.08	31.75	9.50
TTB-8032	Red	31.20	36.50	23.10	5.08	31.75	9.50
TTB-8032	Red	35.80	42.50	23.10	5.08	31.75	9.50
TTB-8038	Green	37.70	40.30	23.10	5.08	38.50	12.30
TTB-8038	Green	37.70	43.20	23.10	5.08	38.50	12.30
TTB-8038	Green	39.40	50.30	23.10	5.08	38.50	12.30

All dimensions are in millimeters

T-NUT DIMENSIONS

Part No.	C	B	A	D
TTN-070	9.85	3.94	7.00	25.4
TTN-070	9.85	3.94	7.00	25.4
TTN-095	9.85	3.94	9.52	25.4
TTN-127	9.85	3.94	12.70	25.4
TTN-095	9.85	3.94	9.52	25.4
TTN-127	9.85	3.94	12.70	25.4
TTN-095	9.85	3.94	9.52	25.4
TTN-127	9.85	3.94	12.70	25.4
TTN-160	9.85	3.94	15.87	25.4
TTN-095	9.85	3.94	9.52	25.4
TTN-127	9.85	3.94	12.70	25.4
TTN-160	9.85	3.94	15.87	25.4
TTN-095	9.85	3.94	9.52	25.4
TTN-127	9.85	3.94	12.70	25.4
TTN-160	9.85	3.94	15.87	25.4
TTN-258	9.85	3.94	25.80	25.4
TTN-127	9.85	3.94	12.70	25.4
TTN-160	9.85	3.94	15.87	25.4
TTN-258	9.85	3.94	25.80	25.4