



Polymer Gyptec Augers Fast Facts

A glass-filled nylon auger fastener with a 1" head designed to secure insulation and single-ply membrane to gypsum, all cementitious wood fiber, Tectum® and certain lightweight concrete decks.

| PHYSICAL DATA | CAT. NO. | LENGTH | PACKAGING | WEIGHT |
|--|-----------|--------|-----------|--------|
| The data below is constant for each Olympic NTB-1HWO | NTB1025WO | 2 1/2" | 500 | 13 lb. |
| | NTB1030WO | 3" | 500 | 15 lb. |
| Head Size: 1" Diameter | NTB1035WO | 3 1/2" | 500 | 17 lb. |
| | NTB1040WO | 4" | 500 | 19 lb. |
| Head Style: Double Internal Hex Drive | NTB1045WO | 4 1/2" | 500 | 21 lb. |
| | NTB1050WO | 5" | 500 | 24 lb. |
| Major Thread Diameter: .750 | NTB1055WO | 5 1/2" | 500 | 26 lb. |
| | NTB1060WO | 6" | 500 | 28 lb. |
| Thread: 3.5 T.P.I. Buttress | NTB1065WO | 6 1/2" | 500 | 29 lb. |
| | NTB1070WO | 7" | 500 | 30 lb. |
| Material: Glass-Filled Nylon | NTB1075WO | 7 1/2" | 500 | 32 lb. |
| | NTB1080WO | 8" | 250 | 16 lb. |
| | NTB1085WO | 8 1/2" | 250 | 17 lb. |
| | NTB1090WO | 9" | 250 | 18 lb. |
| | NTB1095WO | 9 1/2" | 250 | 19 lb. |
| | NTB1100WO | 10" | 250 | 20 lb. |

Features & Benefits

- Thread design & large root diameter:
 - Increase pullout resistance
 - Increase side shear strength
- Made from glass-filled nylon which:
 - Eliminates corrosion
 - Eliminates thermal bridging and condensation
 - Yields high tensile strength
- F.M. and MIAMI-Dade approved.

Plates & Accessories

Use 3" steel plate, 2" steel plate (with barbs), or batten bar.

Use a carbide tip drill bit for gypsum, lightweight concrete and some cementitious wood fiber applications.



NC FASTENERS

Fast Facts

Designed for attaching insulation and single-ply membrane to fiberglass reinforced plastics, light gauge metal and decks in highly humid or corrosive atmospheres.

| Physical Data | Cat. No. | Length | Packaging | Weight |
|--|---------------------------------|--------|-----------|--------|
| The data below is constant for each NC Fastener. | NC1 04 | 4" | 500 | 14 lb |
| | NC106 | 6" | 500 | 17 lb |
| | NC108 | 8" | 500 | 191b |
| | NC110 | 10" | 500 | 231b |
| | NC112 | 12" | 500 | 271b |
| Head Diameter: 1 "or 2" | | | | |
| Head Height: .100 or .260 | 2" BUILT-IN STRESS PLATE | | | |
| Head Style: Double Internal Hex Head | NC204 | 4" | 500 | 23 lb |
| | NC206 | 6" | 500 | 26 lb |
| | NC208 | 8" | 500 | 29 lb |
| Material: Nylon | NC210 | 10" | 250 | 15 lb |
| Body Diameter: 290 | NC212 | 12" | 250 | 181b |

Features & Benefits

- Made of a specially formulated nylon which:
 - Eliminates thermal bridging.
 - Eliminates fastener corrosion.
- Pre-assembled nut & bolt design offers:
 - High pullout values in fiberglass reinforced decks and marginal metal decks.
 - Increased back-out resistance.
- The 2" built-in stress plate:
 - Reduces installation time.
 - Prevents fastener pop-up.
- F.M. and Dade County approved.

NC FASTENER LENGTH SELECTION PROCEDURE

| Combined Thickness Of Membrane and/or Existing Substrate | | |
|--|-------------------------|-------------------------|
| NC Fastener Length | Minimum Total Thickness | Maximum Total Thickness |
| 4" | 1 1/4" | 3 3/4" |
| 6" | 2 1/2" | 5 3/4" |
| 8" | 4 1/2" | 7 3/4" |
| 10" | 6 1/2" | 9 3/4" |
| 12" | 8 1/2" | 11 3/4" |

Plates & Accessories

There are various 2" and 3" plate combinations.

Use a high speed steel or centering drill bit.

GYP SUM, TECTUM® & LIGHTWEIGHT



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PRODUCT DESCRIPTION

The OMG Toggle Bolt is designed to attach insulation to gypsum, all cementitious wood fiber decks (Permadeck, Insulrock, Tectum®, etc.) and lightweight concrete decks. This fastener can also be used for applications where conditions require a positive locking fastener.

The OMG Toggle Bolt can be ordered assembled with 2" or 3" steel or plastic plate, and wing.

The OMG Toggle Bolt is Factory Mutual and Dade County approved.

APPLICATION

A 3/4" pilot hole must be drilled entirely through the deck. Using a screwshooter, drive the fastener until the wing is drawn up against the underside of the deck and the attachment is tight.

The OMG Toggle Bolt must be long enough to allow a minimum of 1 1/2" clearance on the underside of the deck in order for the wing to open.

Note: Care must be taken not to overdrive the fastener, causing the wing to damage the underside of the deck. Prior to job bid, contact OMG to perform a pullout test to determine the pullout values.

**TOGGLE BOLT
STANDARD OR ASSEMBLED**



Fast Facts

The OMG Toggle Bolt is designed to attach insulation to gypsum, all cementitious wood fiber, Tectum® and lightweight concrete decks or decks where conditions require a positive locking fastener.

FEATURES & BENEFITS

- F.M. and Dade County approved.
- Assembled Toggle Bolt saves time and money on job.
- The OMG Toggle Bolt is a positive locking fastener.

COATING

OMG CR-10 corrosion resistant coating exhibits less than 15% red rust after 30 Kesternich cycles. CR-10 coating exceeds F.M. Approval Standard 4470.

PLATES & ACCESSORIES

Use a 2" or 3" steel or plastic plate, depending upon the application. See Plates section.

Use a 3/4" drill bit. See Accessories section.

PHYSICAL DATA

| | Cat. No. | Length | Thread Length | Packaging | Weight | |
|--|---------------------------------|--------|---------------|-----------|--------|--|
| The data below is constant for each OMG Toggle Bolt. Thread Diameter: .250 Head Height: .125 Head Diameter: .435 Head Style: #3 Phillips Truss Head* Coating: CR-10 Toggle Height: 1.125 (Closed) Toggle Spread: 2.25 *#3 phillips bit included in each carton. **Indicate to your OMG Sales Rep plate material and diameter. | CRT04 | 4" | 3" | 500 | 23 lb | |
| | CRT06 | 6" | 4" | 500 | 34 lb | |
| | CRT07 | 7" | 4" | 500 | 39 lb | |
| | CRT08 | 8" | 4" | 500 | 43 lb | |
| | CRT10 | 10" | 4" | 250 | 27 lb | |
| | CRT12 | 12" | 4" | 250 | 34 lb | |
| | CRT14 | 14" | 4" | 250 | 37 lb | |
| | CRT16 | 16" | 4" | 250 | 42 lb | |
| | ASSEMBLED TOGGLE BOLTS** | | | | | |
| | RST04** | 4" | 3" | 250 | 27 lb | |
| | RST06** | 6" | 4" | 250 | 32 lb | |
| | RST07** | 7" | 4" | 250 | 34 lb | |
| | RST08** | 8" | 4" | 250 | 37 lb | |
| | RST10** | 10" | 4" | 250 | 42 lb | |
| | RST12** | 12" | 4" | 150 | 29 lb | |
| | RST14** | 14" | 4" | 150 | 32 lb | |
| RST16** | 16" | 4" | 150 | 34 lb | | |