



U-BUILD-IT™
ALUMINUM CENTERS
239-574-5455

Fasteners

Product specifications
Installation Manual

✦ The screws and bolts in this section literally hold your structure together. In this section, you will find corrosion-resistant carbon steel products along with the UBI brand of stainless-steel fasteners that will add years of maintenance-free enjoyment to your structure.



✦ INTRODUCTION

Our high-quality hardware ensures secure connections without compromising on ease of removal. From bolts, screws, and nuts to rivets and fast-operating mechanisms, we provide a diverse range of reliable solutions. Trust U-build-it Aluminum Center for top-notch fasteners that meet the highest industry standards. Elevate your projects with precision and durability—choose us as your trusted partner in fastening solutions.

💡 What is Fasteners?

A **fastener** is a broad range of mechanical tools/elements used to hold two or more objects together as a rigid attachment. Fasteners allow for the separation or dismantling of the pieces without suffering any damage. However, they can be used as permanent joints as well. Screws, nuts, bolts, nails, washers, are different types of fasteners.

OUR OFFERINGS

Fasteners

410 Stainless Steel Fastener:

410 Tek #14 x 1" ($\frac{3}{8}$ head)

Color Option:



WHITE



BRONZE

Size Option:

1" / 2"

Min. Quantity:

10 Pack / 50 Pack



410 Tek #12 x $\frac{3}{4}$ " ($\frac{5}{16}$ head)

Color Option:



WHITE



BRONZE

Quantity:

50 Pack



410 Stainless Steel Fastener:

410 Tek #10 x $\frac{3}{4}$ " ($\frac{1}{4}$ head)

Color Option:



WHITE



BRONZE

Min. Quantity:

50 Pack



410 SMS #10 x 2" ($\frac{1}{4}$ head)

Color Option:



WHITE



BRONZE

Size Option:

2" / 3" / 4"

Min. Quantity:

10 Pack



410 Q.D. $\frac{1}{4}$ " x 2 ($\frac{5}{16}$ head)

Color Option:



WHITE



BRONZE

Size Option:

1 $\frac{3}{4}$ " / 2 $\frac{1}{4}$ " / 3" / 4"

Min. Quantity:

10 Pack



410 LDT 7 $\frac{3}{8}$ "

Color Option:



WHITE



BRONZE

Size Option:

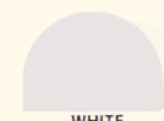
4 $\frac{3}{6}$ " / 5 $\frac{3}{8}$ " / 7 $\frac{3}{8}$ "



Standard Screws:

#14 Tek X $\frac{3}{4}$ " ($\frac{3}{8}$ head)

Color Option:



WHITE



BRONZE

Size Option:

$\frac{3}{4}$ " / 1" / 2"



#12 TEK x 2" (5/16 head)

Color Option:



Size Option:

3/4" / 1" / 2" / 3"

Min. Quantity:

10 Pack / 50 Pack



#10 TEK x 3/4" (1/4 head)

Color Option:



Min. Quantity:

50 Pack



#10 SMS 1"

Color Option:



Size Option:

1/2" / 1" / 2" / 3" / 4"

Min. Quantity:

10 Pack



Standard Screws:

LDT 3/8 X 7"

Color Option:



Size:

4" / 5" / 7"



5" (5/16 head) Q.D. Tapcon

Color Option:



Size:

1 1/2" / 1" / 2" / 3" / 4" / 5"

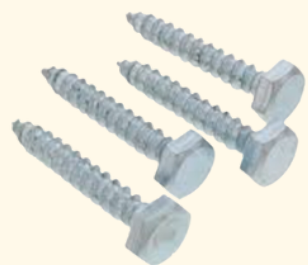
Min. Quantity:

10 Pack



#14 LAG TEK 2"

Color Option:



Bolts, Nuts, and Washers

3 1/2 x 3/8 Thru Bolt set

3 1/2 x 3/8 SET

3 1/2 x 1/4 SET

4 1/2 x 3/8 SET

4 1/2 x 1/4 SET

6 1/2 x 3/8 SET

6 1/2 x 1/2 SET

2 1/2 x 1/4 Pool Cage Ground Assembly



2 ... 1/2

Roof Screws

4 7/8" Tek with Neo Washer



Fastener SS 3/4 TEK with Neo Washer

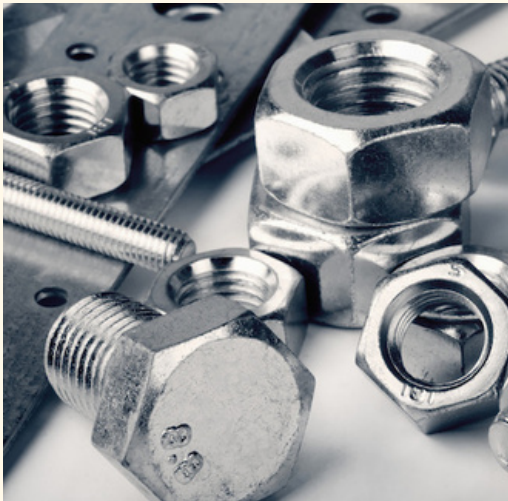
Quantity: 50 Pack



Why are Fasteners Important?



Fasteners are important to make materials hard, durable, and aesthetically pleasing. The purpose of fasteners is to hold parts, components, and pieces of machinery together in the presence of excessive vibrations and pressure while retaining the ability to disassemble the pieces when necessary.



DO-IT-YOURSELF Tips to Install Fasteners Safely

Here are some tips to install fasteners safely;

- Use the right fastener for the job.
- Follow manufacturer guidelines.
- Don't use 18-8 stainless steel in or near a salt water environment.
- Always mate hot dip galvanized fasteners with other hot dip galvanized fasteners.
- Always use fastener lubricant on stainless steel fasteners.
- Always use the right size screwdriver.
- Never use stainless steel and aluminum together.
- Always pre-drill hardwood before installing screws.
- Stainless steel is a soft metal.

Here are some tips to follow when installing Fasteners:

- Understand the different types of fasteners available.
- Choose the right material for your fasteners based on the specific application and environment in which they will be used.
- Consider the coatings and finishes of the fasteners.
- Determine the size and strength of the fasteners.
- Consider the application and installation method.
- Consider the appearance of the fasteners.
- Consider other environmental stressors such as temperature.