

## Industry Exclusive!

One set is used on entire range of profiles



**Standard Fastener** / **Corner Fastener** / **Flat Fastener**  
With 2 Tabs / With 1 Tab / Without Tab

- Most common
- Requires access hole
- Concave t slots provides pretension
- Elevated position eases assembly (std)
- Non rotating (std, corner)
- Tab limits torque applied (std, corner)
- 32 mm & 40 mm corner (flat, corner)

### Universal Fastener

- Works with all profiles
- Concave t slot provides pretension
  - No access hole required
- Supported beam position adjustable
- Required for **+** shaped intersections
- Ideal for adding beams to existing structures
  - No disassembly required



# a lex<sup>®</sup> Connection Hardware

Works with both 32mm Series and 40mm Series Profiles

## Standard Fastener



### Applications

Standard  
T slot  
Profile  
Connections

### Technical Specifications

Zinc plated CRS  
Screw M8 x 20 mm BHCS  
Required torque 25 nm (18 ft/lbs)

### Description

Standard fastener  
Standard fastener bulk

### Unit

each  
500/box

### Part #

44061  
44061A

## Universal Fastener



### Applications

Removable profiles  
Pneumatic integrity  
Additions to  
existing structures

### Technical Specifications

Zinc cast  
Screw M8 x 30mm BHCS  
Required torque 25 nm (18 ft/lbs)

### Description

Universal fastener  
Universal fastener bulk

### Unit

each  
500/box

### Part #

44059  
44059A

## Corner Fastener



### Applications

Corner end  
Connections  
32mm and 40mm  
Profiles

### Technical Specifications

Zinc plated CRS  
Screw M8 x 20mm BHCS  
Required torque 25 nm (18 ft/lbs)

### Description

Corner fastener  
Corner fastener bulk

### Unit

each  
500/box

### Part #

44082  
44082A

## Flat Fastener



### Applications

All profiles  
Odd angle  
Connections  
Hybrid structures

### Technical Specifications

Zinc plated CRS  
Screw M8 x 20mm BHCS  
Required torque 25nm (18 ft/lbs)

### Description

Flat fastener  
Flat fastener bulk

### Unit

each  
500/box

### Part #

44071  
44071A

## Butt Connector



### Applications

End to end  
Connection of  
T slot profiles

### Technical Specifications

Zinc cast  
Screw M8 x 50mm BHCS

### Description

Butt connector

### Unit

each

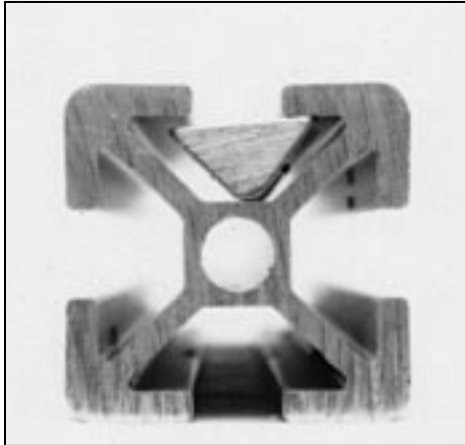
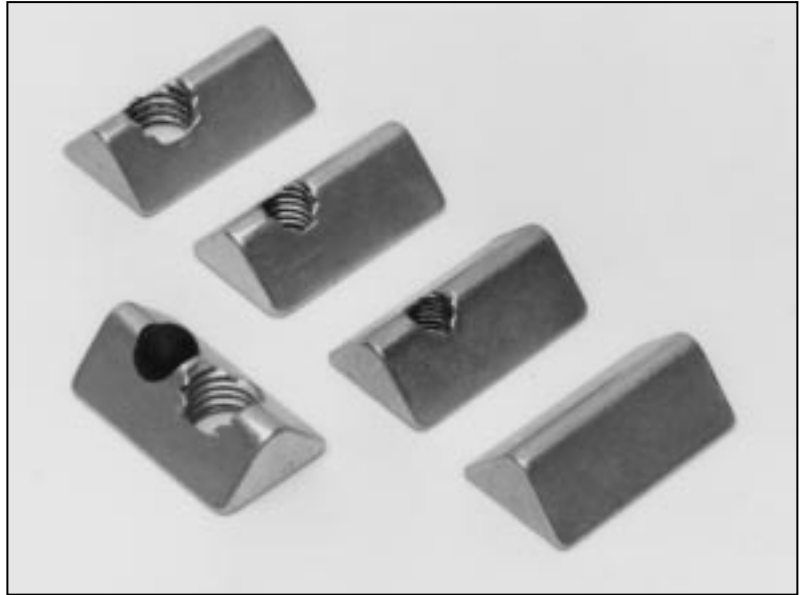
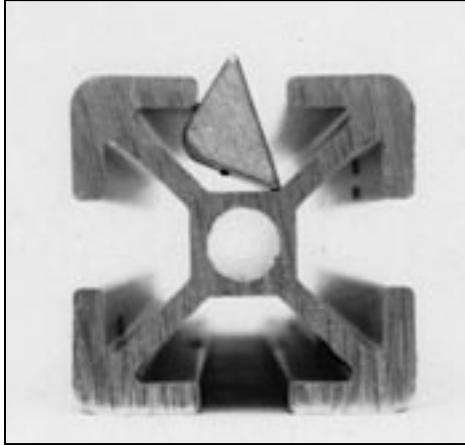
### Part #

44087

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## T Slot Nut - English and Metric

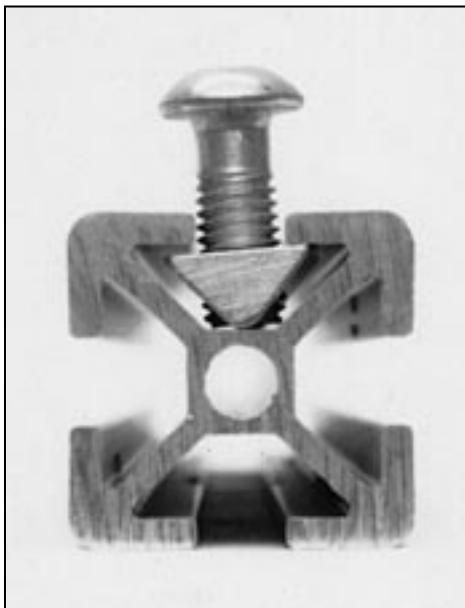


### Applications

General connections  
 Roll in design  
 Pretension benefit  
 2 versions available  
 1) STD  
 2) Captive - with nitrile ball on back side for positive location  
 Blank version available for custom threads

### Technical Specifications

Steel 1020  
 Zinc plate



### Metric

Description	Unit	Part #
M5 thrd STD nut	each	44050
M5 thrd STD nut bulk	500/box	44050A
M6 thrd STD nut	each	44051
M6 thrd STD nut bulk	500/box	44051A
M8 thrd STD nut	each	44052
M8 thrd STD nut bulk	500/box	44052A
M5 thrd captive nut	each	44045
M5 thrd captive nut bulk	500/box	44045A
M6 thrd captive nut	each	44046
M6 thrd captive nut bulk	500/box	44046A
M8 thrd captive nut	each	44048
M8 thrd captive nut bulk	500/box	44048A

### English

Description	Unit	Part #
10-32 thrd std nut	each	44248
10-32 thrd std nut bulk	500/box	44248A
1/4-20 thrd std nut	each	44250
1/4-20 thrd std nut bulk	500/box	44250A
5/16-18 thrd std nut	each	44252
5/16-18 thrd std nut bulk	500/box	44252A
10-32 thrd captive nut	each	44247
10-32 thrd captive nut bulk	500/box	44247A
1/4-20 thrd captive nut	each	44249
1/4-20 thrd captive nut bulk	500/box	44249A
5/16-18 thrd captive nut	each	44251
5/16-18 thrd captive nut bulk	500/box	44251A
Blank STD nut	each	44054
Blank STD nut bulk	500/box	44054A

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## Z Nut



### Applications

General light duty connections  
Rotate in design

### Technical Specifications

Steel 1020  
Zinc plate

### Description

M3 thrd Z nut  
M3 thrd Z nut bulk  
M4 thrd Z nut  
M4 thrd Z nut bulk  
M5 thrd Z nut  
M5 thrd Z nut bulk  
M6 thrd Z nut  
M6 thrd Z nut bulk  
8-32 thrd Z nut  
8-32 thrd Z nut bulk  
10-32 thrd Z nut  
10-32 thrd Z nut bulk

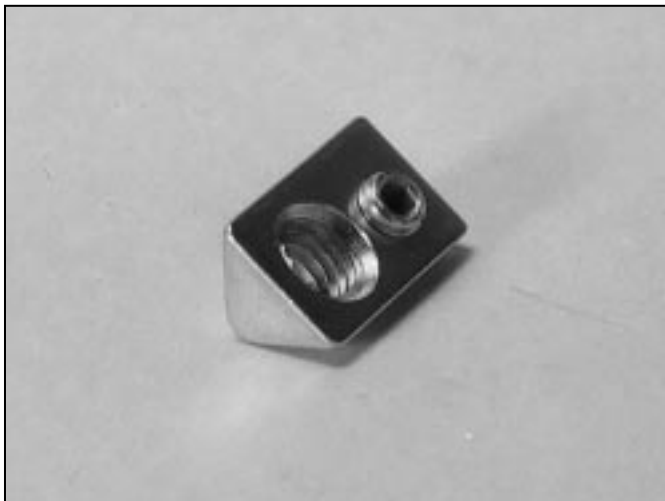
### Unit

each  
500/box  
each  
500/box  
each  
500/box  
each  
500/box  
each  
500/box  
each  
500/box

### Part #

44243  
44243A  
44244  
44244A  
44245  
44245A  
44246  
44246A  
44241  
44241A  
44242  
44242A

## T Slot Nut with Set Screw



### Applications

General  
Roll in design  
M6 thrd(m3 drive) set screw secures nut into T slot

### Technical Specifications

Steel 1020 zinc plated

### Description

M5 thrd set screw nut  
M5 thrd set screw nut, bulk  
M6 thrd set screw nut  
M6 thrd set screw nut, bulk  
M8 thrd set screw nut  
M8 thrd set screw nut, bulk  
10-32 thrd set screw nut  
10-32 thrd set screw nut, bulk  
1/4-20 thrd set screw nut  
1/4-20 thrd set screw nut, bulk  
5/16-18 thrd set screw nut  
5/16-18 thrd set screw nut, bulk

### Unit

each  
500/box  
each  
500/box  
each  
500/box  
each  
500/box  
each  
500/box  
each  
500/box

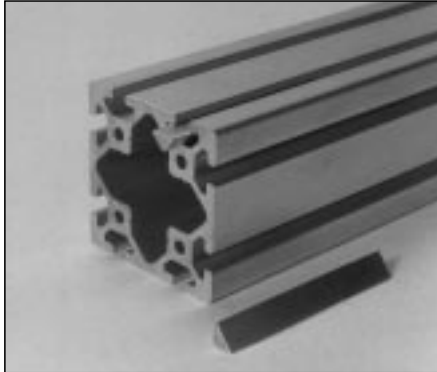
### Part #

44455  
44455A  
44456  
44455  
44458  
44458A  
44459  
44459A  
44460  
44460A  
44461  
44461A

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## T Slot Nut Bar



### Applications

General connections  
Roll in design  
Random lengths approx. 200mm

### Technical Specifications

Steel 1020

### Description

T Slot Bar

### Unit

each

### Part #

44116

## Heavy Duty T Slot Nut



### Applications

Heavy duty connections  
Rotate in design

### Technical Specifications

Steel 1020  
Zinc plate

### Weight

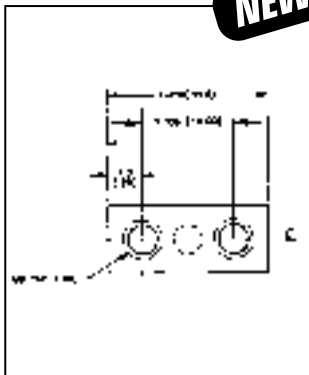
### Description

HD T slot nut - M8 thrd  
HD T slot nut - 5/16 thrd

### Part #

44579  
44580

## Double T Slot Nuts



### Applications

General duty structures  
small nut works well  
with light duty hinges  
M8 thread only

### Technical Specifications

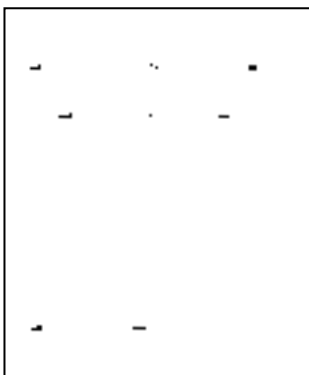
Mat-1020 Steel  
Zinc plate

### Description

Small double nut  
Large double nut

### Part #

44572  
44573



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## Mitre Connector

**NEW!**



### Applications

Mitre connections  
Use with 32mm and 40 mm profiles  
Works with sealing gasket

### Technical Specifications

CRS  
Zinc plate  
M8 thrd set screw - 4x

### Description

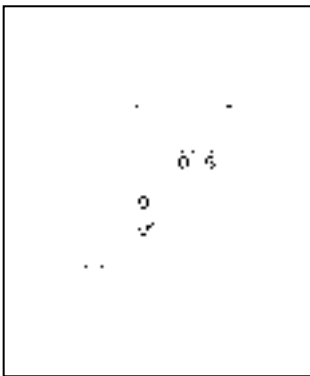
Mitre connector

### Unit

each

### Part #

44166



## 40 x 40 3 Side Connector

**NEW!**



### Applications

Used to connect 40 x 40  
3 side profile at 90° angles.  
Uses 2 or 3 M8 x 20 BHCS

### Technical Specifications

Die cast zinc, Black

### Description

3 Side Connector  
Connector End Cap

### Unit

each  
each

### Part #

44594  
44592



Shown with 40mm 3 Side Connector Cap Part# 44595