

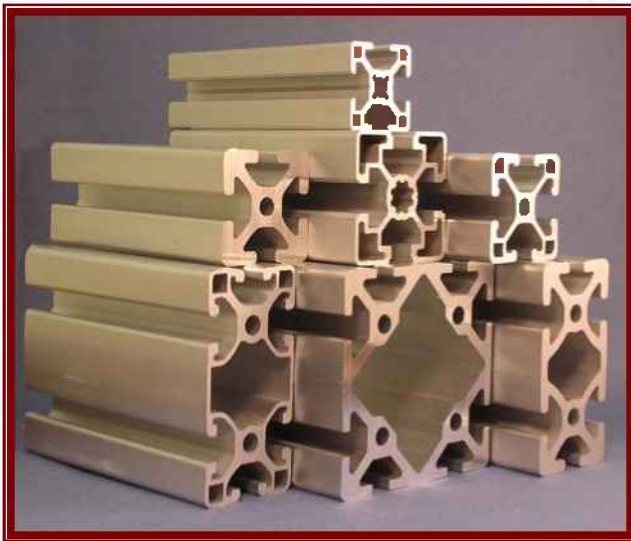


*Solutions for  
Maximum Performance*

## Core Products

**T-Slot Aluminum Structural Framing**

**Aluminum Profiles, Fasteners, Accessories**







## **Table of Contents**

<i>Extrusion Profiles - Inch Measurement</i>	<b>6</b>
<i>Extrusion Profiles - Metric Measurement</i>	<b>7</b>
<i>Floor Mounts</i>	<b>8</b>
<i>Corner Brackets</i>	<b>9</b>
<i>Gussets</i>	<b>10</b>
<i>Joining Plates</i>	<b>12</b>
<i>Casters</i>	<b>15</b>
<i>End Fasteners/Connectors</i>	<b>16</b>
<i>Door Hardware, Hinges</i>	<b>17</b>
<i>Panel Materials</i>	<b>19</b>
<i>End Caps</i>	<b>20</b>
<i>T-Nuts</i>	<b>21</b>

**To Order Call: 800-644-6215**

**IAC is a true Stocking Distributor,** offering both Metric and inch profiles, fasteners, and accessories. We manage our own inventory, enabling us to serve our customers efficiently.



**IAC's in-house Fabrication Shop utilizes automated cutting, tapping, and drilling equipment.** Unlike most distributors who manually alter extrusion or rely on out-of-town suppliers' facilities, IAC can easily accommodate engineering changes and respond to customer needs quickly. The result is a high-quality product delivered in less time.

**IAC is skilled in manufacturing projects to our customer's specific drawings,** but we can also provide recommendations to help you determine the best solutions for your needs, including on-site assessments for a true customized approach.

**In-House  
Fabrication**





For added flexibility, we offer extruded aluminum in three different forms:

- **Bulk** - You may purchase extruded aluminum and accessories directly from our existing inventory
- **Kit Form** - All extrusions, fasteners, and accessories are packaged for easy assembly. Extrusions are cut to specifications, and drilled/tapped as needed.
- **Fully Assembled** - We assemble your complete project in our shop, to your exact standards. It is shipped to you fully assembled. If necessary, we

**To Order Call: 800-644-6215**



**1.5" x 1.5" Ultra-Lite Smooth Extrusion**

Material: 6063-T6  
Finish: Clear Anodized  
Weight: 1.090 lbs. per foot  
Slot size: 0.320 inches



**1.5" x 1.5" Lite Smooth Extrusion**

Material: 6063-T6  
Finish: Clear Anodized  
Weight: 1.114 lbs. per foot  
Slot size: 0.320 inches



**1.5" x 1.5" Regular/Heavy Smooth Extrusion**

Material: 6063-T6  
Finish: Clear Anodized  
Weight: 1.300 lbs. per foot  
Slot size: 0.320 inches



**1.5" x 3.0" Lite Smooth Extrusion**

Material: 6063-T6  
Finish: Clear Anodized  
Weight: 1.616 lbs. per foot  
Slot size: 0.320 inches



**1.5" x 3.0" Heavy Smooth Extrusion**

Material: 6063-T6  
Finish: Clear Anodized  
Weight: 2.397 lbs. per foot  
Slot size: 0.315 inches



**3" x 3" Heavy Smooth Extrusion**

Material: 6063-T6  
Finish: Clear Anodized  
Weight: 3.611 lbs. per foot  
Slot size: 0.315 inches



**45mm x 45mm Smooth Extrusion**

Material: 6105 T5  
Finish: Clear Anodized  
Weight / m: 1.5 kg/m  
Weight / ft: 1.05 lbs/ft  
Slot size: 10 mm



**30mm x 30mm Smooth Extrusion**

Material: 6105 T5  
Finish: Clear Anodized  
Weight / m: 0.8 Kg/m  
Weight / ft: .57 lbs/ft  
Slot size: 8mm

**To Order Call: 800-644-6215**



**FBM1515CA**  
**Floor Base**  
Die Cast Aluminum  
For use with 1 1/2" x 1 1/2" and  
40mm extrusion



**FWEB41STQT**  
**Floor Base**  
Steel Flanged  
Black Powder Coath 1 1/2" x 1 1/2"  
and 40mm extrusion



**15FF 5833**  
**Heavy-Duty Floor Mount**  
Floor mount w/ base plate.  
For use with 3.0" x 3.0" Extrusion  
(shown). Also available for use with  
1.5" x 3.0" Extrusion.



**15FF 5830**  
**Floor Mount**  
For use with 1.5" x 3.0" Extrusion  
Material: Aluminum  
Finish: Clear Anodized





**15CB 4806**

**6 Hole Inside Corner Bracket**

For use with 1.5" x 3.0" and 3.0" x 3.0" Extrusion. For 90 degree connections, no machining required.

Material: Aluminum

Finish: Clear Anodized

---



**15CB 4805**

**8 Hole Inside Corner Bracket**

For use with 1.5" x 3.0" and 3.0" x 3.0" Extrusion. For 90 degree connections, no machining required.

Material: Aluminum

Finish: Clear Anodized

---



**15CB 4002**

**4 Hole Slotted Inside Corner Bracket**

For use with 1.5" x 3.0" and 3.0" x 3.0" Extrusion. For 90 degree connections, no machining required.

Material: Aluminum

Finish: Clear Anodized

---



**15CB 4804**

**4 Hole Inside Angle Bracket**

For use with 1.5" x 3.0" Extrusion. 90 degree connections, no machining required

Material: Aluminum

Finish: Clear Anodized

---

**To Order Call: 800-644-6215**



**15CB 4803**

**4 Hole Inside Angle Bracket**

For use with 1.5" x 3.0" and 3.0" x 3.0" Extrusion. 90 degree connections, no machining required.

Material: Aluminum

Finish: Clear Anodized

---



**15CB 4843**

**8 Hole Inside Gusset Corner Bracket**

For use with 1.5" x 3.0" or 3.0" x 3.0" Extrusion. For 90 degree connections, no machining required.

Material: Aluminum

---



**G1515**

**2 Hole Slotted Gusset - Inch**

For use with 1.5" x 1.5" Extrusion. For 90 degree connections, no machining required. Alignment Tabs for easy, accurate connections.

Material: Die Cast Aluminum

---



**G4545**

**2 Hole Slotted Gusset - Metric**

For use with 45mm x 45mm Extrusion. For 90 degree connections, no machining required. Alignment Tabs for easy, accurate



**G4590**

**4 Hole Slotted Gusset - Metric**

For use with 45mm x 45mm Extrusion. For 90 degree connections, no machining required. Alignment Tabs for easy, accurate connections.

Material: Die Cast Aluminum

---



**EB 17**

**Double Steel Corner Bracket**

For use with Extrusion with slot sizes 5/16" and 1/4"

Material: Steel

Finish: Zinc Plating

---



**15CB4801**

**2 Hole Inside Corner Bracket**

For use with 1.5" x 1.5" profiles

Material: anodized aluminum

Finish: clear anodized

---



**15CB4842**

**4 Hole Inside Gusset Corner Bracket**

For use with 1.5" x 1.5" profiles

Material: anodized aluminum

Finish: clear anodized

**To Order Call: 800-644-6215**



**15JP 4501**

**2 Hole Joining Plate**

Material: anodized aluminum

Finish: clear anodized



**15JP 4502**

**3 Hole Joining Plate**

Material: anodized aluminum

Finish: clear anodized



**15JP 4506**

**5 Hole Tee Joining Plate**

For use with 1.5" x 1.5" profiles

Material: anodized aluminum

Finish: clear anodized



**15 JP 4505**

**4 Hole 90° Joining Plate**

Material: anodized aluminum

Finish: clear anodized



**15JP 4507**  
**5 Hole 90° Joining Plate**  
Material: anodized aluminum  
Finish: clear anodized



**5TJP 1515**  
**5 Hole T Joining Plate**  
Material: anodized aluminum  
Finish: clear anodized



**5LJP 1515**  
**5 Hole L 90° Joining Plate**  
Material: anodized aluminum  
Finish: clear anodized



**15MC 099D084**  
**Milling T-Slot Connector**  
No machining required.  
Clean, Flush look  
Use with 8mm or 5/16" slot profiles

**To Order Call: 800-644-6215**



**15JP 4504**

**4 Hole Joining Plate**

**Dimensions 3" x 3"**

For use joining 1.5" x 1.5" profiles  
with 1.5" x 3.0" profiles

Material: anodized aluminum

Finish: clear anodized



**15JP 4509**

**8 Hole Joining Plate**

**Dimension 6.0" x 3.0"**

For use joining 1.5" x 3.0" profiles

Material: anodized aluminum

Finish: clear anodized



**No-Mar Caster without Brake**  
3 1/2" Diameter  
1/2—13 Stem  
For use with 1 1/2" x 1 1/2" extrusion



**No-Mar Caster with Brake**  
3 1/2" Diameter  
1/2-13 Stem  
For use with 1 1/2" x 1 1/2" extrusion



**CM06047-1515**  
**IAC Custom Caster Plate**  
Tapped 1/2—13  
For use with 1 1/2" x 1 1/2" extrusion



**LF-1515**  
**Leveling Feet**  
Accommodates uneven floors or  
slight inclines  
5/16—18 Stem  
1 1/2" No Skid Pad  
For use with 1 1/2" x 1 1/2" extrusion  
Other Sizes & Styles Available

**To Order Call: 800-644-6215**



**EB 36**

**45° Angle Block**

Create a 45° degree angle, no machining required.



**ACK1515**

**Adjustable Angle Connector**

Joint Composition-Die-cast Zinc

Fasteners-Steel

1.5" x 1.5"



**15EFC**

**End Fastener**

Keeps profile aligned, prevents rotation. For use with 8mm and 5/16" slots.



**EFH29A**

**Half End Fastener**

Keeps profile aligned, prevents rotation. Eliminates the need to trim panel material when inserted in the slot. For use with 8mm and 5/16" slots.





**Fixed Hinge**

Nylon-Fiberglass reinforced.

For use with profiles:

1.5" x 1.5"

45mm x 45mm



**BC093045**

**Ball Catch**

May be used for swinging or sliding doors. Use with all profile sizes.

Material: Fiberglass reinforced nylon

Ball screw: M8 x 12



**SL0957101**

**Slam Latch**

Fits most profiles. Solid, secure with 2 keys.

Material: Die cast zinc



**EB130**

**Lift-off Hinge**

Right or Left-hand hinges available.

For use with 5/16" slots

Material: Aluminum

Finish: Clear Anodized

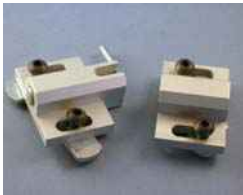
**To Order Call: 800-644-6215**



**092002**  
**Strap Handle**  
Material: Nylon-Fiberglass  
reinforced  
Color: Black



**EF22HD**  
**Heavy-Duty Magnetic Door Latch**  
**Assembly**  
Material: Steel  
Finish: Zinc Plate and Black Powder  
Coat



**F93082**  
**Dead Bolt Latch**  
Material: Mounting Plates: Clear  
Anodized Aluminum  
Dead Bolt: Zinc Plated Steel  
Hardware Included



**15HI8514**  
**Aluminum Butt Hinge**  
Material: Aluminum Hinge, Steel Pin  
75 lb. Capacity per Hinge



**Polycarbonate Panel Material**

3/16" thickness  
Clear, Smoke, Bronze  
Other colors available  
4' x 8' sheets or custom cut



**PVC Coated Wire Mesh**

1" x 1" 12 gauge Yellow or Black  
1/2" x 1/2" 16 gauge Yellow or Black



**PVC Foam Board Panel Material**

1/4" thickness  
Black, Blue, Red, Green, Beige, Grey  
Additional colors upon request



**EB63**

**15AC7105**

**Mesh Retainer**

1.5" Mesh Retainer for use with Wire Mesh Panel material, when Wire Mesh is inserted in the Extrusion Slot.  
Material: Aluminum  
Finish: Clear Anodized

**To Order Call: 800-644-6215**



**End Caps**  
Nylon-Fiberglass Reinforced

Extrusion Size	Part Number
1.5" x 1.5"	EC1515
1.5" x 3.0"	EC1530
3.0" x 3.0"	EC3X3
30mm x 30mm	EC3030
45mm x 45mm	EC4545



### T-Nuts (Spring Bearing)

Slot Size	Metric Size	Part Number
5/16" and 8MM	1/4 - 20	DSN - 1/4 - 20
	10 - 32	DSN - 10 - 32
	5/16 - 18	DSN - 5/16 - 18

### T-Nuts (No Bearing)

Slot Size	Metric Size	Part Number
5/16" and 8MM	1/4 - 20	DN - 1/4 - 20
	10 - 32	DN - 10 - 32
	5/16 - 18	DN - 5/16 - 18

**To Order Call: 800-644-6215**

## Hammer Nuts

Slot Size	Metric Size	Part Number
5/16" and 8MM	M4	HN8-M4
	M5	HN8-M5
	M6	HN8-M6
	1/4 - 20	HN8-20
	10-32	HN8-32
10mm	M4	HN10-M4
	M5	HN10-M5
	M6	HN10-M6
	M8	HN10-M8
	1/4 - 20	HN10-20
	10-32	HN10-32
	5/16 - 18	HN10-18



**All of the products shown in this catalog are stocked in our warehouse. Other profile sizes and accessories are available. Please call us at 800-644-6215 for more information.**

**To Order Call: 800-644-6215**

# **IAC** **INDUSTRIAL** **AUTOMATION CONTROLS**

*Solutions for  
Maximum Performance*

*5719 Webster St. • Dayton, Ohio 45414*

*Phone: 937.890.6215 • Fax: 937.890.6217*

*Toll Free: 800. 644.6215*

*Email: [sales@iacohio.com](mailto:sales@iacohio.com) • [www.iacohio.com](http://www.iacohio.com)*

