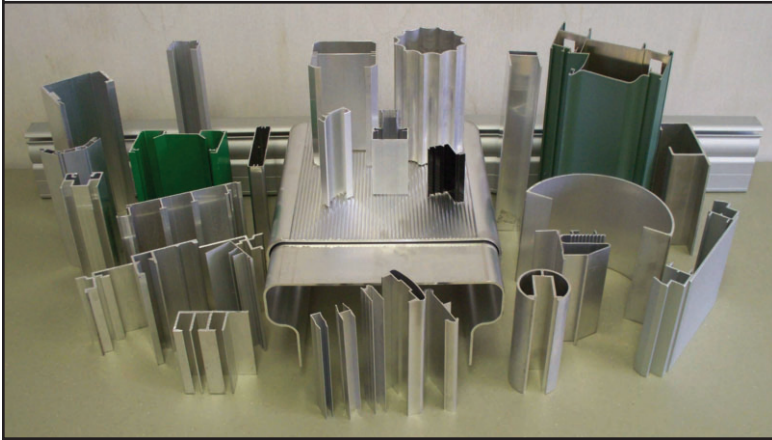


Custom Aluminum Extrusions: To Your Specifications



SIZES AVAILABLE:

- Circle size: .250" - 24"
- Lengths: up to 50'
- Weight: up to 95 lbs/ft

FINISHES:

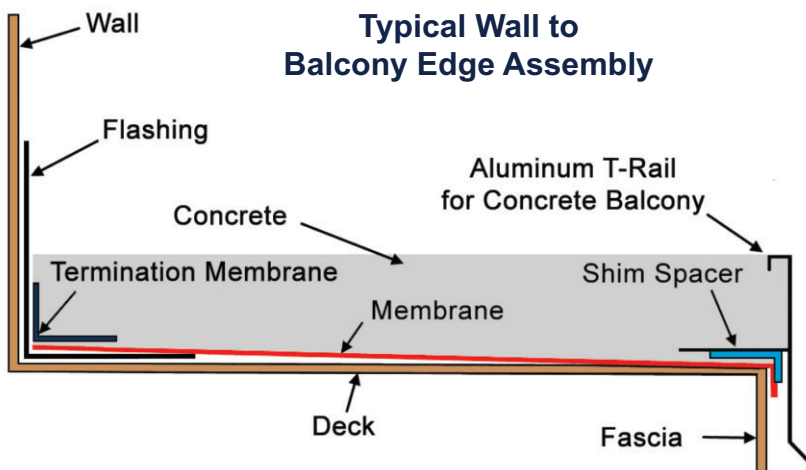
- Mill, Painted, Anodized & Mechanically Enhanced

Eastern Metal Supply holds the country's largest private inventories for stocking customer's proprietary profiles to assist with JIT production needs.

Often these profiles are fabricated or machined by EMS to enable them to immediately go to the end use product assembly.

We can offer design tips that improve mill productivity and in turn reduce your overall costs due to improved tooling life and production rates. Eastern Metal Supply leverages buying power combined with stocking programs to offer more value than buying direct. Mill minimums shipped to you over time improve cash flow and inventory turns.

Concrete T-Rails & Forming



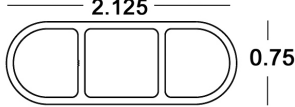
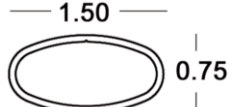
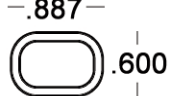
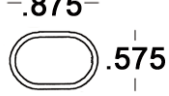
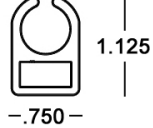
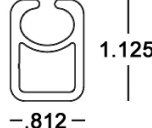
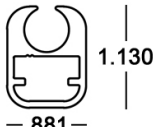
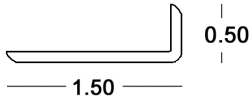
Features & Benefits:

- aluminum surface gives a clean finished look
- aluminum form will never show brown rust stains typical of steel
- aluminum T-rail will maintain an attractive finish for many years
- aluminum T-rail becomes an integral form for the deck
- drip rail design directs water away from the balcony/sidewalk below
- light weight aluminum results in easier installation
- flexible extruded aluminum product allows faster pour set up

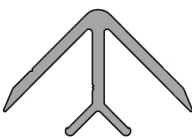
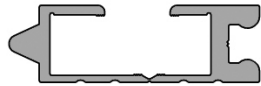
Additional Sizes Available by Special Order

1-1/2" T-Rail x 10' 90-63-1000 (NC/TX) 52-63-12790 with Drip Edge; Light Wall 	1-1/2" T-Rail MILL ORDER 51-63-275 (NC) <i>(stair applications)</i> 	1-1/2" T-Rail MILL ORDER 90-63-1567 (NC) with 3" Nailing Fin 	2" T-Rail MILL ORDER 50473 (NC) with Drip Edge 	Concrete Shoring Beam MILL ORDER EMSINT33252
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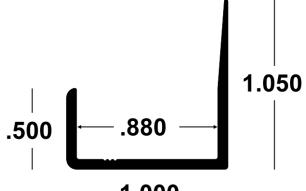
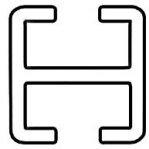
Furniture - Multiple Shapes & Sizes Available

1/2 x 1-3/4 Triple Mandrel Arm/Frame x 20' 51-00-093 6060 T52 M/F 	1-1/2 x 3/4 Furniture Arm/Frame x 24' 52-63-5377 6060 T52 M/F 	2-1/8 x 3/4 Large Triple Hollow Arm/Frame x 24' 52-63-12027 6063 T52 M/F 	1-1/2 x 3/4 Oval Tube x 20' 52-63-13009 6060 T6 M/F 
.600 x .887 Oval Tube x 20' 52-63-3709 6063 T6 M/F 	.575 x .875 Oval Tube x 20' 52-63-2659 6063 T52 M/F 	1.125 x .75 Sling Channel x 20' 52-63-3711 6063 T52 M/F 	1.125 x .812 Sling Channel x 20' 52-63-4955 6063 T6 M/F 
1.130 x .881 Heavy Sling "B" Channel x 20' 52-63-13025 6063 T52 M/F 	1/2 x 1-1/2 x .093 Table Rim Angle x 20' (Radius Corner) 11-63-351A 6063 T5 M/F 	Furniture Grade Round Aluminum Tube Stock Code 17-63-100 17-63-110 17-63-105 17-63-115FG 52-63-1272 Size in Inches (Size x Wall) .750 x .065 x 24' (.620 ID) 6063 T52 .875 x .062 x 24' (.751 ID) 6060 T6 1 x .062 x 20' (.880 ID) 6060 T6 1 x .062 x 24' (.880 ID) 6060 T6 1.250 x .062 x 24' (1.126 ID) 6060 T52 Serrated Tube Various Sizes & Styles Available See STANDARDS 20 	

Case Shapes

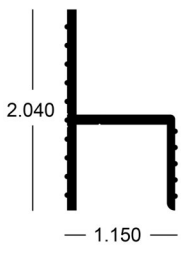
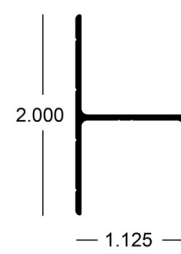
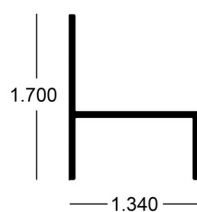
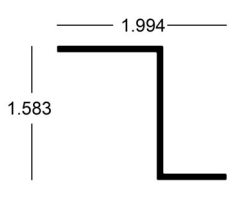
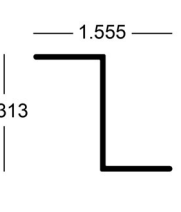
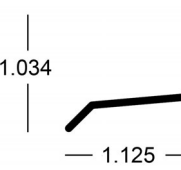
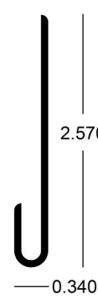
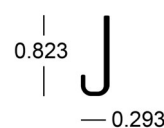
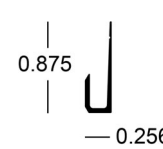
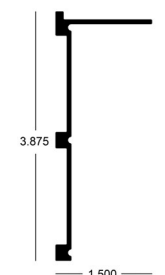
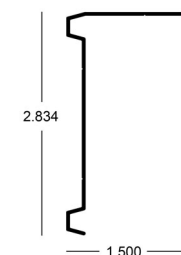
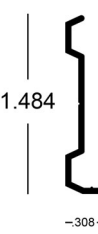
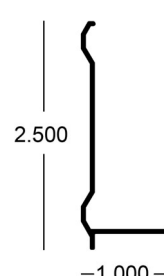
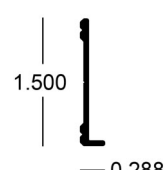
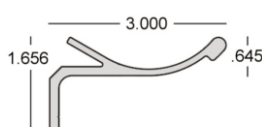
1/4" Lg Corner MILL ORDER 52-63-13749 	1/2" Large Corner MILL ORDER 52-63-4531 <i>available with corner stops</i> 	1/4" Tongue & Groove Valance Self Mating MILL ORDER 13780-10 (NC) 	1/2" Tongue & Groove Valance Self Mating MILL ORDER 52-63-6599 
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J Molding Channel

5/16" J Molding Channel x 8' 52-63-12993 6063 T6 M/F 	7/8" J Molding Channel x 8' MILL ORDER 52-63-12994 	Integral Web Channel Bus MILL ORDER 	Universal Angle Bus Conductor MILL ORDER 
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Electrical - Multiple Shapes & Sizes Available

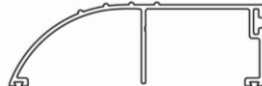
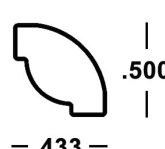
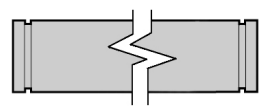
Transportation - see Standards section for Tubes, Channel, Angle and Painted Sheet

"H" Door Trim x 20' 17617-002 (TX) 6063-T5 Mill Finish 	"H" Door Frame x 20' MILL ORDER 17617-005 (TX) 6063-T5 Mill Finish 	"H" Trim x 16' 35-63-110 (TX) 6063-T5 Mill Finish 	"Z" Door Frame x 20' 12-63-210 (TX) 6063-T6 Mill Finish 	"Z" Rail x 16' 12-63-208 (TX) 6063-T6 Mill Finish 
Drip Rail x 16' 35-63-100 (TX) 6063-T5 Mill Finish 	"J" Rail x 16' 35-63-105 (TX) 6063-T5 Mill Finish 	"J" Rail x 20' 35-63-130 (TX) 6063-T5 Mill Finish 	"J" Rail x 16' 35-63-125 (TX) 6063-T52 Mill Finish 	3.875 Top Rail x 16' 17617-003-16 (TX) 6063-T5 Mill Finish 
Top/Bottom Trim x 20' 17617-001 (TX) 6063-T6 Mill Finish 	Uneven Rub Rail 17617-004 (TX) x 8' 17617-004-20 (TX) x 20' 6063-T6 Mill Finish 	2.5" Rub Rail x 16' 35-63-120 (TX) 6063-T5 Mill Finish 	1.5" Rub Rail x 16' 35-63-115 (TX) 6063-T5 Mill Finish 	Truck Tarp Latch Plate MILL ORDER 11602-001 (TX) 

Thresholds

Building

Grooved End Pipe

3.125 x 0.625 Standard Threshold MILL ORDER EMS40501 	3.125 x 1.00 Standard Threshold MILL ORDER EMS40500 	Building Peak MILL ORDER EMS41070 	1/2" Corner Molding x 12' 52-63-13545 	Grooved End Pipe Mill Order 2" SCH 40 - 10" SCH 40 Available; Accepts Victaulic® Couplings www.victaulic.com 
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Welding Rod & Wire

R4043 TIG WELDING ROD x 3'

Stock Code	Description
4043-3/32-10T (TX)	3/32 10 lb TIG Carton
4043-1/8-10T (TX)	1/8 10 lb TIG Carton

R5356 TIG WELDING ROD x 3'

5356-3/32-10T (TX)	3/32 10 lb TIG Carton
5356-1/8-10T (TX)	1/8 10 lb TIG Carton

ER4043 MIG WELDING WIRE

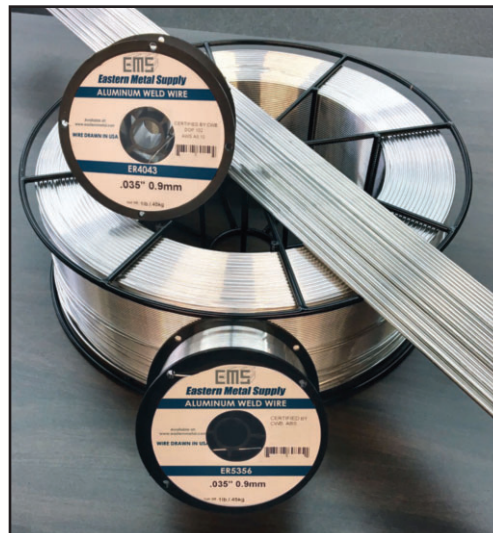
Stock Code	Description
4043-035-1 (TX)	.035 1 lb Spool
4043-035-16 (TX)	.035 16 lb Spool
4043-3/64-1 (TX)	3/64 1 lb Spool
4043-3/64-16 (TX)	3/64 16 lb Spool

ER5356 MIG WELDING WIRE

5356-035-1 (TX)	.035 1 lb Spool
5356-035-16 (TX)	.035 16 lb Spool
5356-3/64-1 (TX)	3/64 1 lb Spool
5356-3/64-16 (TX)	3/64 16 lb Spool

R4043/ER4043 Welding Wire is a general-purpose type aluminum welding wire.

- Contains silicon additives, which result in improved fluidity (wetting action) of the weld pool
- Produces a weld less sensitive to cracking
- Bright weld finish makes it a popular choice of welders
- Can be used to weld various grades of aluminum
e.g. 6063, 6061

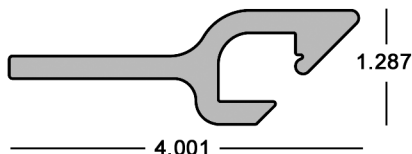


R5356/ER5356 Welding Wire is a general-purpose type aluminum alloy, which is typically chosen for its relatively high shear strength and used in the marine and construction industries.

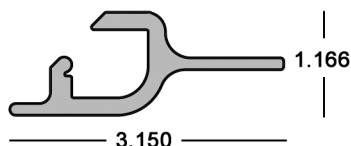
- Offers excellent corrosion resistance when exposed to salt water
- Excellent for welding 5000 series aluminum base metals and other marine alloys e.g. 6463
- Good color match after anodizing 5xxx/6xxx alloy base metal

Oil Containment Boom Connectors

Bulk Universal Slide Connector x 24' 3"
52-61-3902 6061-T6



Mini Universal Slide Connector
Mill Order 52-61-3715

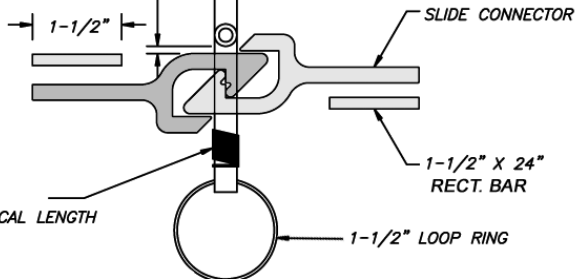


6061-T6 Rect. Aluminum Bar x 12'
Fabrication options are available

Code	Size (E x M)	Wt/ft.
10-61-275	3/16 x 1-1/2	0.338
10-61-285	3/16 x 2	0.451
10-61-335	1/4 x 1-1/2	0.450
10-61-340	1/4 x 2	0.600



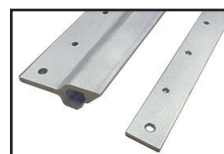
1/8" MIN. CLEARANCE AT
FULL SPRING COMPRESSION



Assembly Drawing

Pre-Fabricated Bulk Universal Slide Connector x 24" 6061-T6 MF
MILL ORDER 25-61-500F (TX)

Pre-Fabricated 3/16" x 1-1/2" Flat Bar x 24" 6061-T6 MF
MILL ORDER 25-61-501F (TX)



Fabricated Products: Sunshades & Decorative Shutters



Pre-Fabricated Sunshades

Please see Architectural Systems pages 1-4

- Available in a variety of styles and sizes
- Pre-Fabricated components shipped ready to assemble

Options include:

- Airfoil Blades variety: choose from 2" to 12" (Arch 01)
- Additional Blades to choose from:
 - Z Louver Blades, Rectangular Tube and Round Tube (Arch 04)
- Bullnoses: Half round, Full round or Rect. Tube (Arch 02)
- Outriggers: Rect. Bar, Rect. Tube or Plate with holes to accept or attach blades (Arch 03)
- Mullions: Pre-Fabricated with pass through holes (Arch 03)



Pre-Fabricated Bahamas & Colonials Shutters

Please see Hurricane & Security Systems pages 44-53

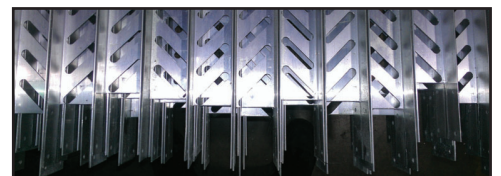
Available in a variety of styles, colors and sizes

Options include:

- HVT™ Low Profile (pp 48-52) • Board & Batten (p 44)
- 3 Wave Blade (p 53) • Raised Panel (assembled only; p 56)

Sold Four Ways:

- Mill Finish lineals (customer fabricates & paints)
- Pre-Fabricated Mill Finish lineals (customer cuts, assembles & paints)
- Mill Finish Assembled Shutter (customer paints & installs)
- Painted Assembled Shutter (customer installs)



Machining & Fabrication Capabilities



Integrated with our large inventory of high quality extrusions, we offer our customers numerous machining and fabrication services. We can work with your engineers and designers to help reduce your start-up time by using our Solid Works (CAD) software and 3D printing capabilities. Whatever your business, EMS can help augment your capabilities.

Capabilities:

- CNC Turning & Milling
- 5-Axis CNC Machining
- Precision cutting (12" - 36')
- Punching
- Shearing
- Polishing
- Drilling
- Tapping
- Welding (TIG/MIG)
- Roll Forming
- Beveling/Chamfering
- Bending
- Sanding
- Deburring
- Swedging
- Assembly
- Anodizing
- Powder Coat Paint
- Design Assistance
- CAD
- 3D Printing

Engineering, Fabrication, and Kitting services available upon request

The industries we currently service are: lighting, patio/restaurant furniture, architectural sunshades, marine, sporting equipment, railing, hurricane/decorative shutter, sound equipment, electronics and more!

Rod and Bar - Standard & Specialty

EMS has the highest quality machine grade extrusions available in the market today, with a special 6061 alloy chemistry for improved machining.

These extrusions include:

- Rod up to 12.125" diameter
- Square bar up to 9"
- Rectangular bar up to 19.6" width

Please contact your EMS Sales Representative for more information about our machining and fabrication capabilities!

