MODULAR MOUNTING STANCHIONS DIRECTCONNECT™ SERIES

SIMPLE AND STURDY BEAM CONSTRUCTION

NEW

DE-STA-CO

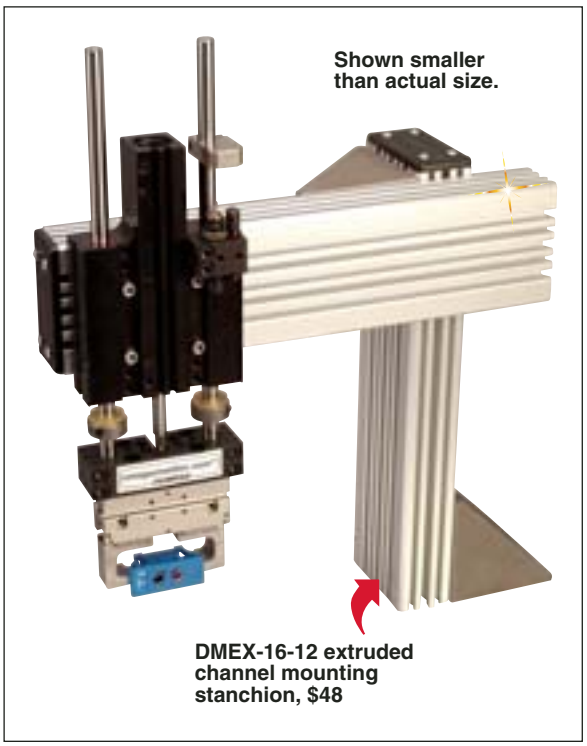
Robohand inc. A DOVER COMPANY

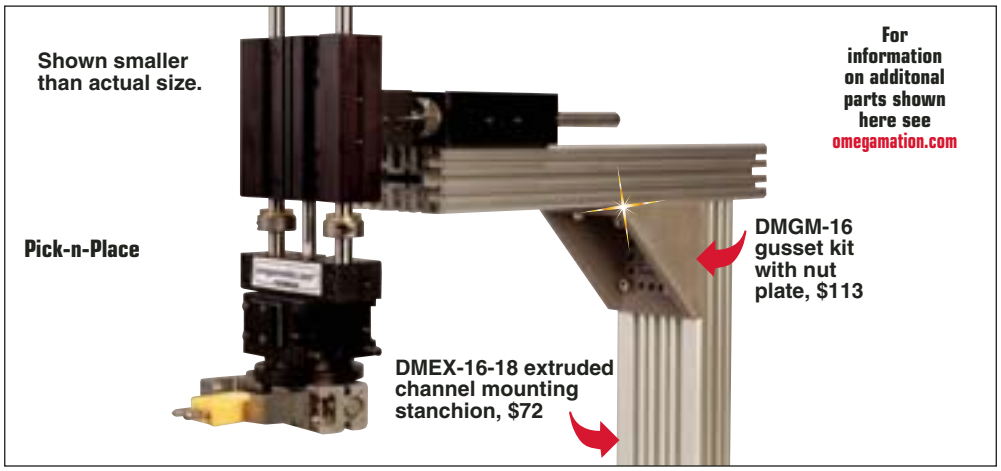
DMEX Series Stock Lengths Start at $18

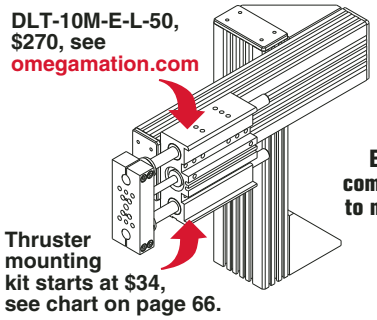
MADE IN USA

- Extruded Aluminum Beams with T-Slot Design for Quick Assembly
- Three Sizes for Use with DIRECTCONNECT™ Base Slides and Thrusters
- Pre-Assembled Gusset Kits Available to Quickly Connect Three Sizes of Mounting Stanchions
- Nut Plate and Screw Kits for Mounting Slides and Thrusters
- Straightness of 0.33 mm (0.013") per Foot and Flatness of 0.10 mm (0.004") per Inch of Width
- Maximum Twist of 6.4 mm (0.25") per Foot
- Stock Sizes for Immediately Delivery or Custom Lengths Available
- Quickly Assembly to Lower Cost
- Wire/Tube Clamps and Slot Covers for Neat and Clean Machine Design
- Cross Section Width 38.1 to 152.4 mm (1.50 to 6.0") and Depth 19.1 to 76.2 mm (0.75 to 3.0")

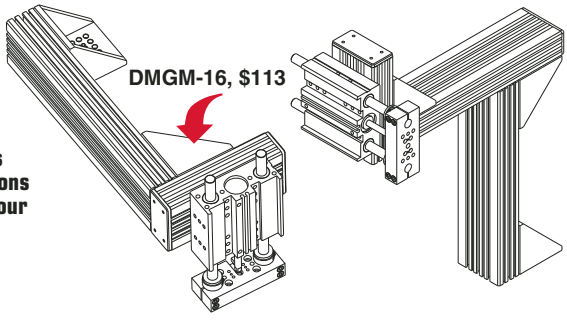
DMEX mounting modules are easily connected at right angles using the Gusset Kits, mount a DMEX-08 or a DMEX-16 to a DMEX-25. Any smaller unit can be assembled to a larger or equal size extrusion due to the multiple T-slot design.



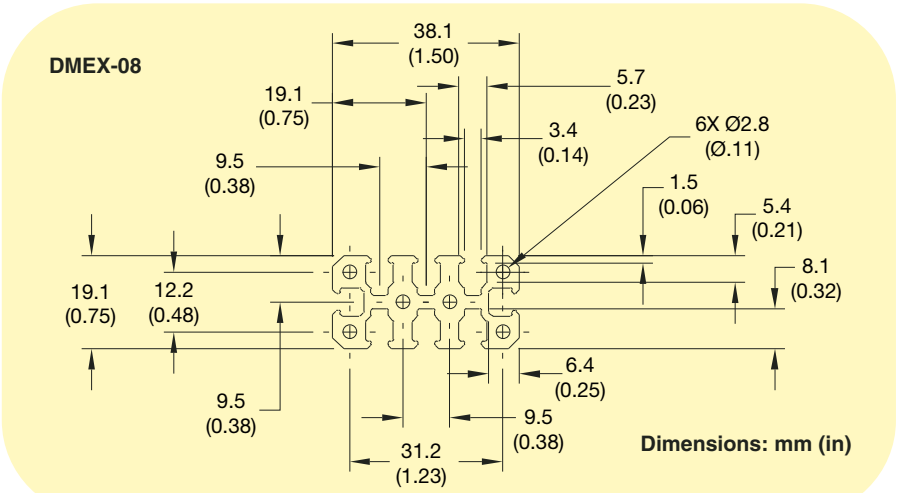




Endless combinations to meet your needs



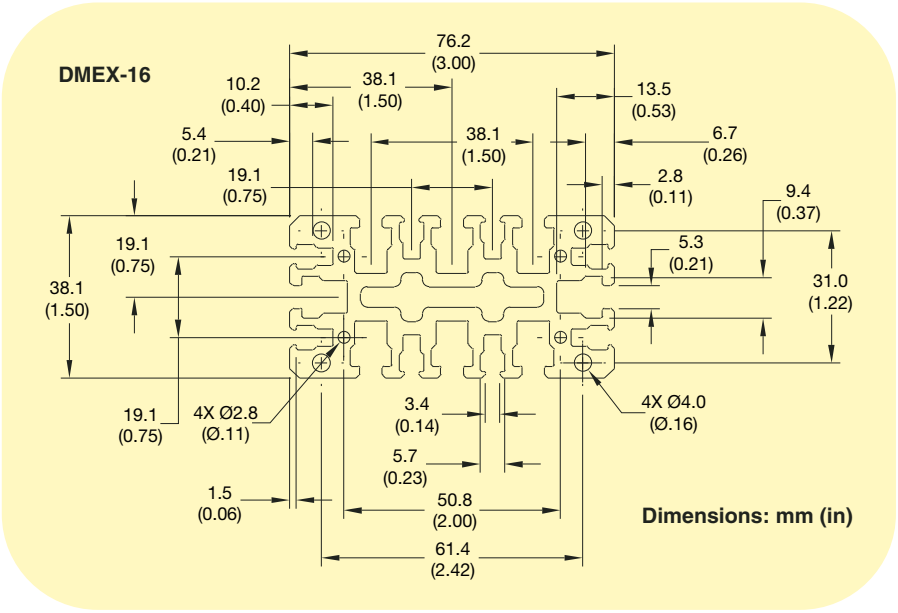
Custom Lengths Available, up to 90", Consult Sales for Your Special Needs.



SPECIFICATIONS

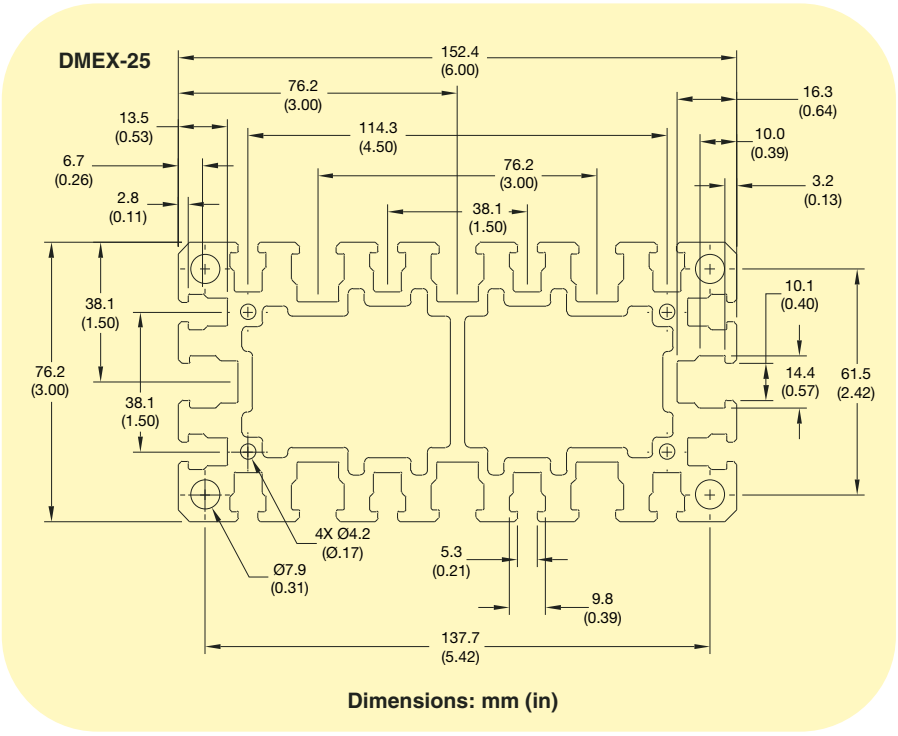
DMEX-08

Material: 6063-T6 aluminum
Finish: Clear anodize
Weight per/ft: 0.67 lb
Bar Length: 90" ±0.12"
Section Area: 0.60 sq in
Max Twist: 6.4 mm (0.25") per foot
Flatness:
0.10 mm (0.004") per inch of width
Straightness:
0.33 mm (0.013") per foot
Moment of Inertia X:
1.3 mm^4 (0.0519"^{4})
Moment of Inertia Y:
5.32 mm^4 (0.2096"^{4})



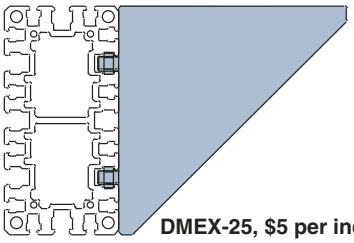
DMEX-16

Material: 6063-T6 aluminum
Finish: Clear anodize
Weight per/ft: 2.40 lb
Bar Length: 90" ±0.12"
Section Area: 2.05 sq in
Max Twist: 6.4 mm (0.25") per foot
Flatness:
0.10 mm (0.004") per inch of width
Straightness:
0.33 mm (0.013") per foot
Moment of Inertia X: 21 mm^4 (0.8313"^{4})
Moment of Inertia Y: 83 mm^4 (3.278"^{4})

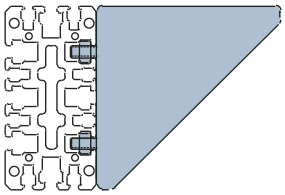


DMEX-25

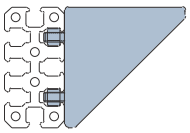
Material: 6063-T6 aluminum
Finish: Clear anodize
Weight per/ft: 7.34 lb
Bar Length: 90" ±0.12"
Section Area: 06.25 sq in
Max Twist: 6.4 mm (0.25") per foot
Flatness:
0.10 mm (0.004") per inch of width
Straightness:
0.33 mm (0.013") per foot
Moment of Inertia X:
320 mm^4 (12.608"^{4})
Moment of Inertia Y:
1320 mm^4 (52.614"^{4})



DMEX-25, $5 per inch



DMEX-16, $4 per inch



DMEX-06, $3 per inch

NEW

Simply Slide Gussets Together and Tighten Bolts!

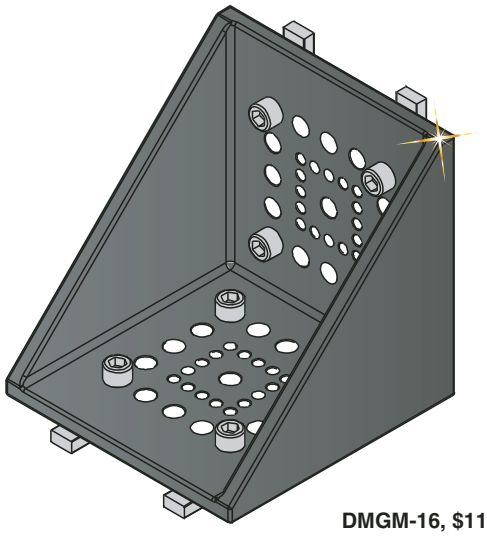
GUSSET KITS

DMGM-08
Sized for DMEX-08
Will attach to DMEX-08, DMEX-16

DMGM-16
Sized for DMEX-16
Will attach to DMEX-08, DMEX-25

DMGM-25
Sized for DMEX-25
Will attach to DMEX-16, DMGM-25

- **Allen Wrench Included with Each Unit**
- **All Nut Plates and Hardware Made of Stainless Steel**
- **Gussets Without Mounting Hardware Available Separately**



DMGM-16, $113

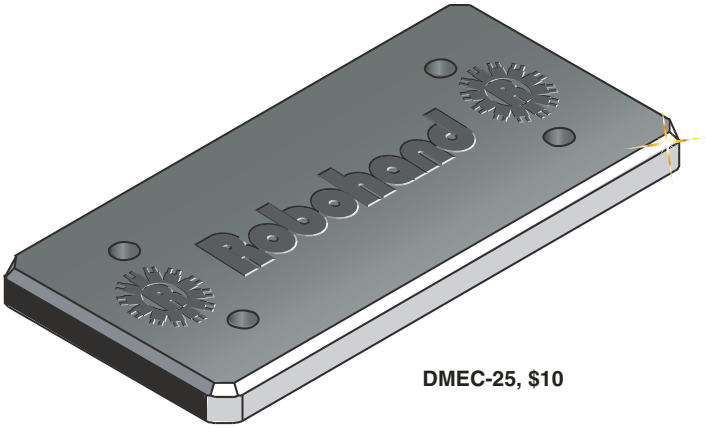
END PLATES

DMEC-08
Sized for DMEX-08 Extrusion

DMEC-16
Sized for DMEX-16 Extrusion

DMEC-25
Sized for DMEX-25 Extrusion

- **Gives Your Assembly the Finished Touch**
- **Easily Attaches to Extrusion, No Tapping Needed**
- **Self Tapping Fasteners Included**
- **Made from Black ABS Plastic**



DMEC-25, $10

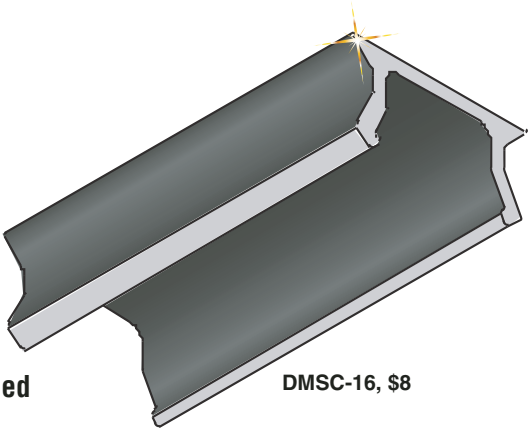
SLOT COVERS

DMSC-08
1 piece per foot for DMEX-08, DMEX-16

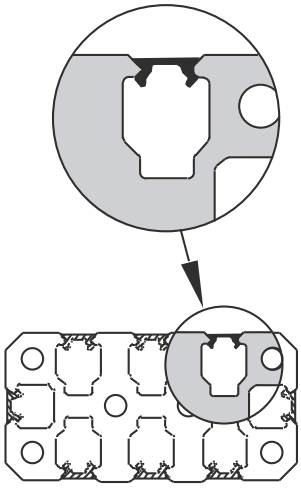
DMSC-16
1 piece per foot for DMEX-16
1.5 piece per foot for DMEX-25

DMSC-25
1 piece per foot for DMEX-25

- **Works as a Great Dust Cover**
- **Covers Wires and Tubes in Slots on Larger Sizes**
- **Easy to Install, No Hammer Needed**
- **Cuts Easily with Scissors**
- **Stock Length = 2.4 m (8')**



DMSC-16, $8



Slot cover installation

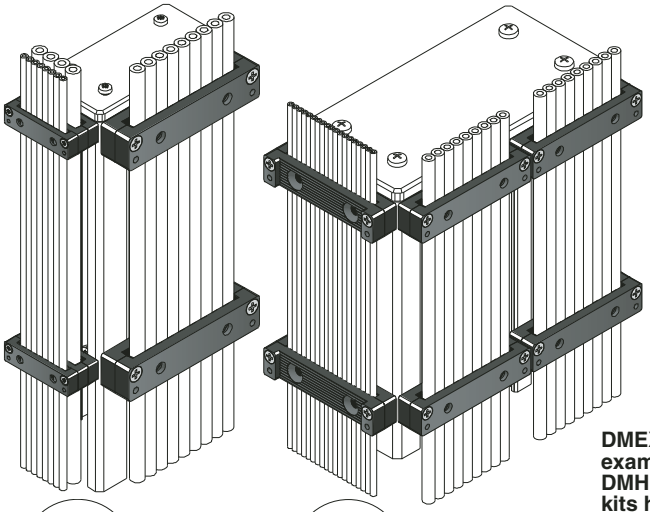
NEW

DMHC-001
Sized for DMEX-08 and DMEX-16

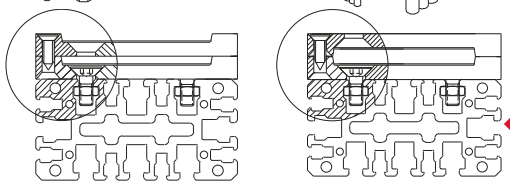
DMHC-002
Sized for DMEX-16 and DMEX-25

- **Kits Contain 2 Clamp Halves, 2 FHSC Screws, 2 Locknuts, and 2 Self-Tapping Screws**
- **Keeps Tubing/Cable Neat and Tight**
- **Stackable Design Allows for Multiple Tube/Cable Diameters**
- **Allen Wrench Included in Each Kit**
- **Clamp Housing Made of High Strength Glass Filled Polycarbonate**
- **All Hardware Made of Stainless Steel**

DMEX-16 example shows three DMHC-001, $9 each, and two DMHC-002, $9 each, kits holding thirteen ¼ tubes and eight ⅛ tubes



DMEX-25 example shows six DMHC-002, $9 each, kits holding eighteen ¼ tubes and nineteen ⅛ tubes



Installation options

To Order *(Specify Model Number)*

MOST POPULAR MODELS HIGHLIGHTED!

MODEL NO.	PRICE	DESCRIPTION
DMEX-08 SERIES		
DMEX-08-6	**$18**	152 mm (6") length of DMEX-08 in stock
DMEX-08-12	**36**	305 mm (12") length of DMEX-08 in stock
DMEX-08-18	**54**	457 mm (18") length of DMEX-08 in stock
DMEX-08-(*)	**3** per inch	Custom length of DMEX-08, specify length up to 90"
DMGM-08	**99**	Gusset kit, nut plates and screws included
DMSC-08	**6**	Slot cover [2.5 m (8') lengths] 1 pcs/ft of DMEX-08 or DMEX-16
DMEC-08	**6**	End caps with self tapping screws included
DMHC-001	**9**	Hose clamp kits for tubing/cabling for DMEX-08 or DMEX-16
DMEX-16 SERIES		
DMEX-16-12	**48**	305 mm (12") length of DMEX-16 in stock
DMEX-16-18	**72**	457 mm (18") length of DMEX-16 in stock
DMEX-16-24	**96**	610 mm (24") length of DMEX-16 in stock
DMEX-16-36	**144**	914 mm (36") length of DMEX-16 in stock
DMEX-16-(*)	**4** per inch	Custom length of DMEX-16, specify length up to 90"
DMGM-16	**113**	Gusset kit, nut plates and screws included
DMSC-16	**8**	Slot cover [2.5 m (8') lengths] 1 pcs/ft of DMEX-08 or DMEX-16
DMEC-16	**8**	End caps with self tapping screws included
DMHC-001	**9**	Hose clamp kits for tubing/cabling for DMEX-08 or DMEX-16
DMHC-002	**9**	Hose clamp kits for tubing/cabling for DMEX-16 or DMEX-25
DMEX-25 SERIES		
DMEX-25-18	**90**	457 mm (18") length of DMEX-25 in stock
DMEX-25-24	**120**	610 mm (24") length of DMEX-25 in stock
DMEX-25-36	**180**	914 mm (36") length of DMEX-25 in stock
DMEX-25-48	**240**	1219 mm (48") length of DMEX-25 in stock
DMEX-25-(*)	**5** per inch	Custom length of DMEX-25, specify length up to 90"
DMGM-25	**164**	Gusset kit, nut plates and screws included
DMSC-25	**10**	Slot cover [2.5 m (8') lengths] 1 pcs/ft of DMEX-08 or DMEX-16
DMEC-25	**10**	End caps with self tapping screws included
DMHC-002	**9**	Hose clamp kits for tubing/cabling for DMEX-25

Ordering Example: DMEX-08-12, *two 305 mm (12") pieces of 16 size extrusion,* ***$36*** *each, with two* ***DMGM-08*** *gussets,* ***$99*** *each, three* ***DMEC-08*** *end caps* ***$6*** *each. Recommend two hose clamp kits for horizontal beam* ***DMHC-001, $9*** *each.* ***DMEX-16-18,*** *two 457 mm (18") pieces of 16 size extrusion,* ***$72*** *each, and* ***DMEX-16-12,*** *one piece 16 size extrusion* ***$48,*** *with three* ***DMGM-16*** *gussets,* ***$113*** *each, three* ***DMEC-16*** *end caps,* ***$8*** *each. Recommend two hose clamp kits* ***DMHC-002*** *for horizontal beam,* ***$9*** *each.*

ADDITIONAL MOUNTING COMPONENTS

DLT THRUSTER SLIDE MOUNTING KITS

DMTM-06
Sized for DLT-06

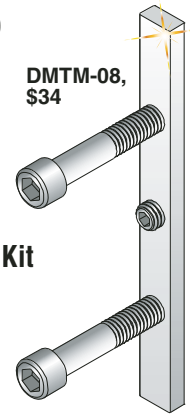
DMTM-12
Sized for DLT-12

DMTM-08
Sized for DLT-08

DMTM-16
Sized for DLT-16

DMTM-10
Sized for DLT-10

- Comes Pre-Assembled Ready for Installation
- DLT Kits Include 2 Nut Plates, 4 Screws (Specific to the Size Unit You Are Mounting), and 2 Set Screws
- Allen Wrench Included in Each Kit
- Locking Feature Incorporated into Nut Plate
- All Nut Plates and Hardware Made of Stainless Steel


DMTM-08, $34

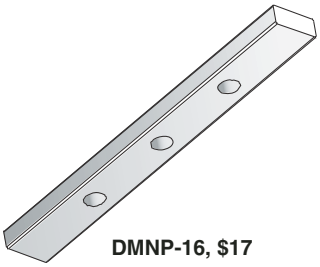
NUT PLATES

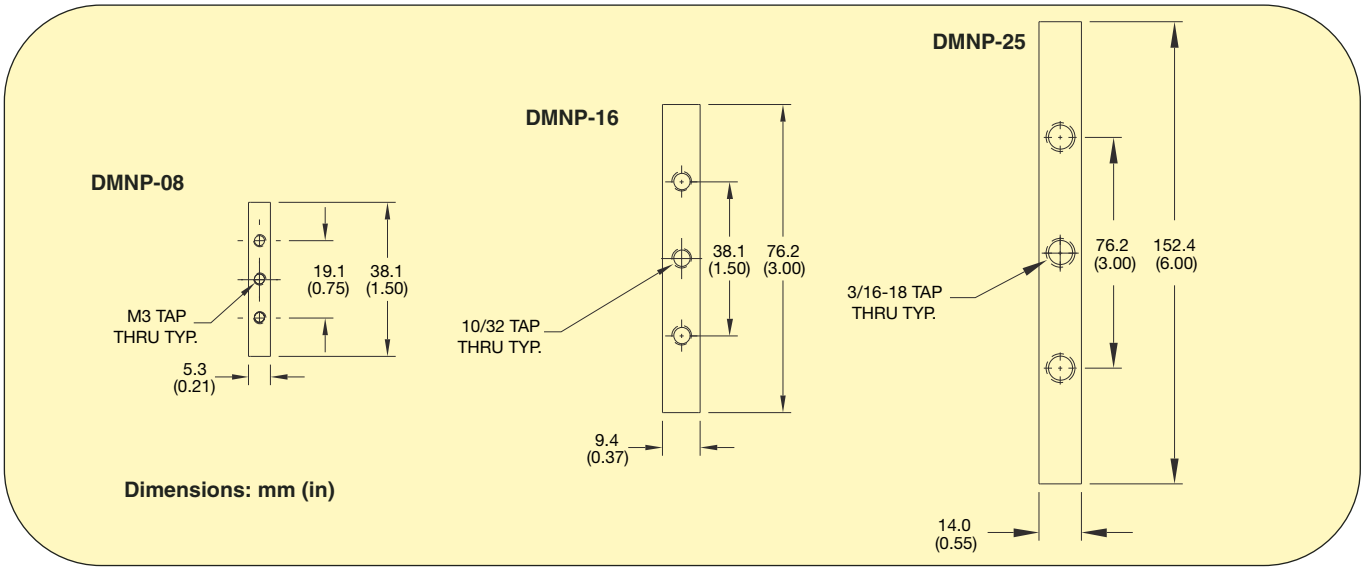
DMNP-08
Sized for DMEX-08
Will attach to DMEX-16

DMNP-25
Sized for DMEX-25
Will attach to DMEX-16

DMNP-16
Sized for DMEX-16
Will attach to DMEX-08, DMEX-25

- Use as Extra Support for Gussets
- Nut Plate has Standard DIRECTCONNECT Mount Spacing
- Stainless Steel with Locking Feature


DMNP-16, $17



To Order *(Specify Model Number)*

AVAILABLE FOR FAST DELIVERY!

MODEL NO.	PRICE	DESCRIPTION
DMEG-08	**$31**	Base gusset for DMEX-08, no hardware included
DMEG-16	**42**	Base gusset for DMEX-16, no hardware included
DMEG-25	**74**	Base gusset for DMEX-25, no hardware included
DMNP-08	**12**	Nut plate for DMEX-08 or DMEX-16, screws not included
DMNP-16	**17**	Nut plate for DMEX-08, DMEX-16 or DMEX-25, screws not included
DMNP-25	**23**	Nut plate for DMEX-16 or DMEX-25, screws not included
DMTM-06	**34**	Thruster mounting kit for DLT-06M, nut plates and screws included
DMTM-08	**34**	Thruster mounting kit for DLT-08M, nut plates and screws included
DMTM-10	**37**	Thruster mounting kit for DLT-10M, nut plates and screws included
DMTM-12	**37**	Thruster mounting kit for DLT-12M, nut plates and screws included
DMTM-16	**37**	Thruster mounting kit for DLT-16M, nut plates and screws included

Ordering Example: DMTM-08, *mounting kit for DLT-08M thruster,* ***$34, DMEX-16,*** *additional base gusset,* ***$42,*** *and* ***DMNP-16,*** *2 nut plates,* ***$17*** *each, $34 + 42 + 17 + 17 =* ***$110.***

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