



# T-SLOTTED EXTRUSIONS

# INTRODUCTION

The Information On This Page Pertains To All T-Slotted Extrusions.

## MATERIAL SPECIFICATIONS

### MATERIAL

6063-T6 Aluminum Alloy

### MODULUS OF ELASTICITY

10 million lbs/in<sup>2</sup> [703,100 kg/cm<sup>2</sup>]

### SURFACE FINISH

201 R1 Clear Anodize, 150 RMS  
with an application depth of 0.001  
in - 0.002 in [0.025 mm - 0.051 mm]

### BRINELL HARDNESS

**(500 KG. LOAD, 10MM BALL)**

Approximately 73 HB

### YIELD STRENGTH

25,000 lbs/in<sup>2</sup> [1,758 kg/cm<sup>2</sup>]

### STRAIGHTNESS

0.0125 in/ft [0.1042 cm/m<sup>2</sup>], not to  
exceed 0.25 in [0.64 cm] over a 20  
ft [6 m] length.

### TENSILE STRENGTH

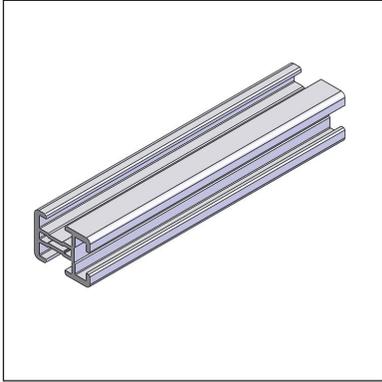
30,000 lbs/in<sup>2</sup> [2,109 kg/cm<sup>2</sup>]

### TWIST

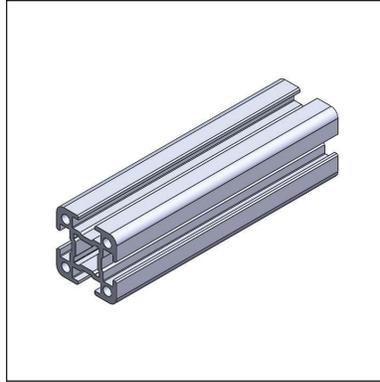
1/4° per foot, not to exceed 3° over  
a 20-foot length

### ELONGATION

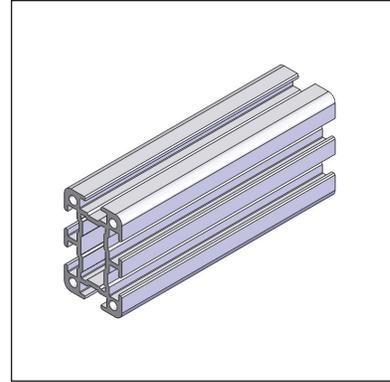
Maximum of 12% in 2.0 in [50.8  
mm] of length



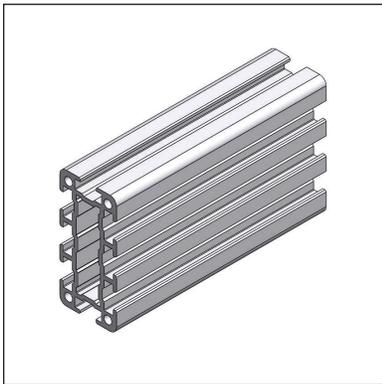
Tri-Slot Support Beam  
 (1.28 in x 1.00 in)  
 E010010100  
 Page 15



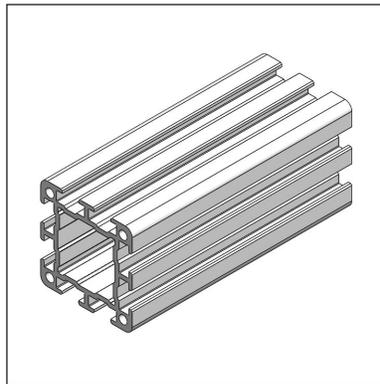
1 x 1 Slot Support Beam  
 (1.63 in x 1.63 in)  
 E010020100  
 Page 16



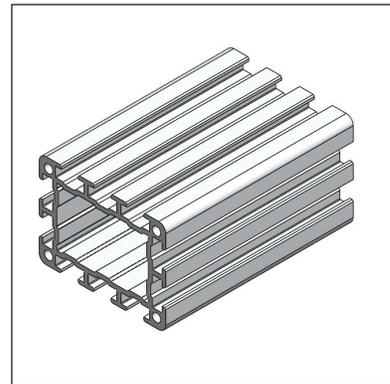
1 x 2 Slot Support Beam  
 (1.63 in x 2.50 in)  
 E010030100  
 Page 17



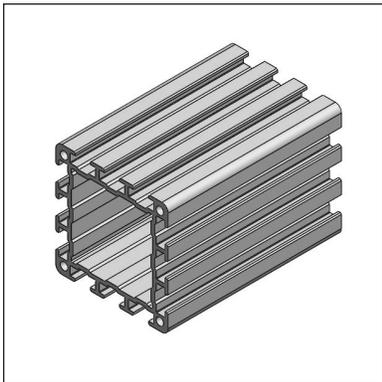
1 x 3 Slot Support Beam  
 (1.63 in x 3.38 in)  
 E010040100  
 Page 18



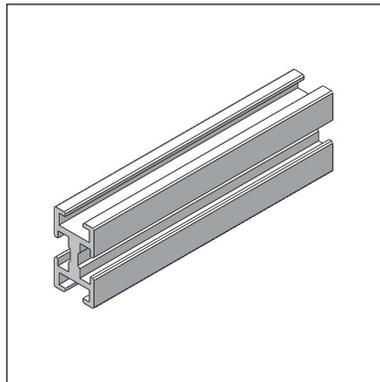
2 x 2 Slot Support Beam  
 (2.50 in x 2.50 in)  
 E010050100  
 Page 19



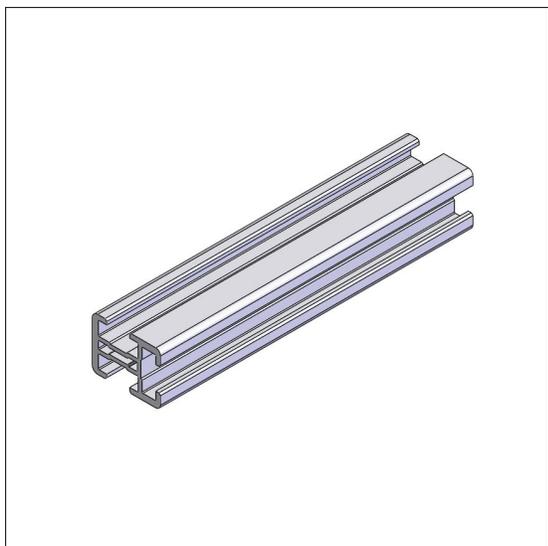
2 x 3 Slot Support Beam  
 (2.50 in x 3.38 in)  
 E010060100  
 Page 20



3 x 3 Slot Support Beam  
 (3.38 in x 3.38 in)  
 E010070100  
 Page 21



1 x 1 Cross Beam  
 (1.75 in x 1.00 in)  
 E010080100  
 Page 22



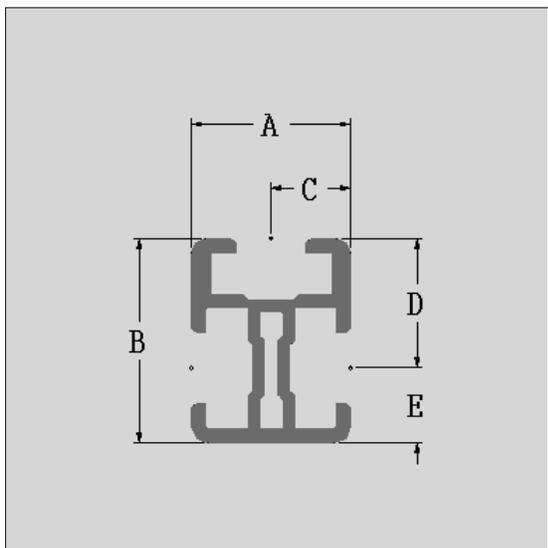
**E010010100**  
**Tri-Slot Support Beam**  
**1.31 in x 1.00 in**  
**[33.27 mm x 25.40 mm]**

**TYPICAL USE:**

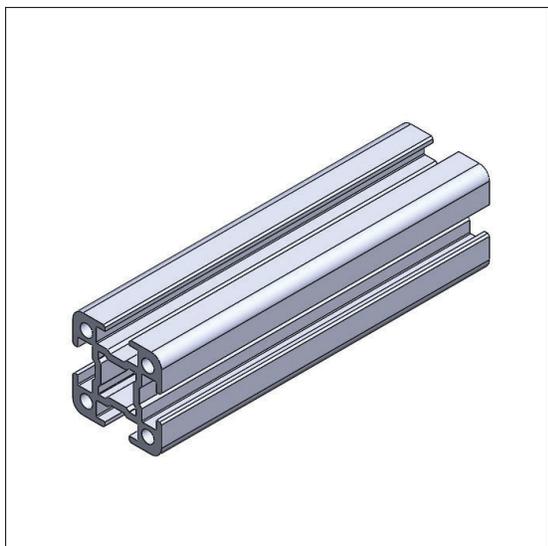
- Structural framework.
- Cross supports.
- Door and safety screen frames.

**FEATURES:**

- T-slots for modular assembly with T-Bolts, Joiner Strips, and Square Nuts.



	Inches (in.)	Millimeters (mm)
A	1.000	25.4
B	1.285	32.7
C	0.500	12.7
D	0.813	20.7
E	0.500	12.7
F	-	-
G	-	-
H	-	-
I	-	-



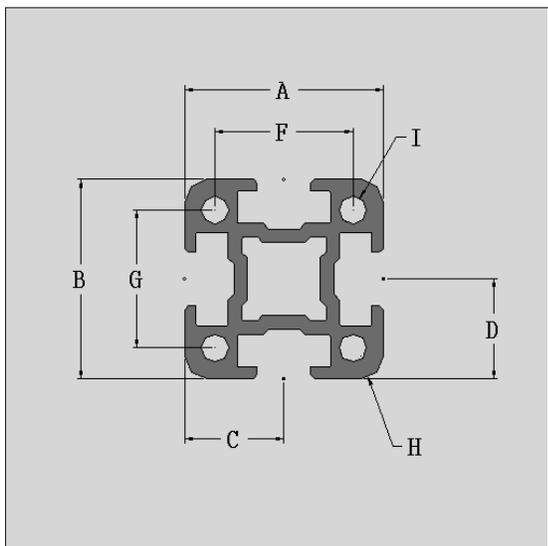
**E0100201**  
**1 x 1 Slot Support Beam**  
**1.63 in x 1.63 in**  
**[41.40 mm x 41.40 mm]**

**TYPICAL USE:**

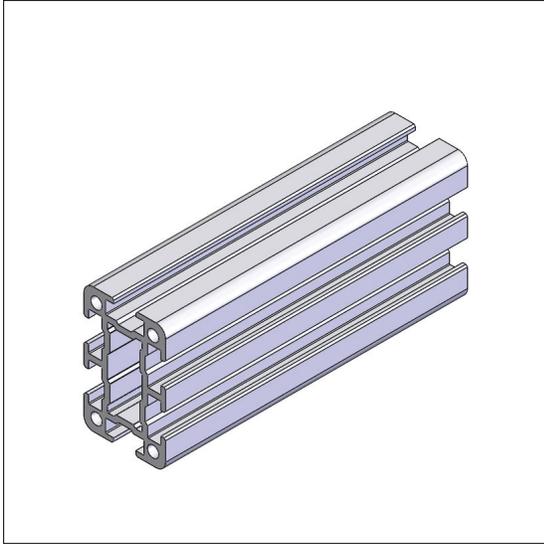
- Structural framework.
- Cross supports.
- Door and safety screen frames.

**FEATURES:**

- T-slots for modular assembly with T-Bolts, Joiner Strips, and Square Nuts.
- Corner holes run throughout the length of the extrusion for the attachment of End Caps, End Plate Brackets, Leveling Feet, and Casters.



	Inches (in.)	Millimeters (mm)
A	1.630	41.4
B	1.625	41.4
C	0.813	20.7
D	0.813	20.7
E	0.875	22.2
F	2.875	73.0
G	1.125	28.6
H	0.188	4.8
I	0.201	5.1



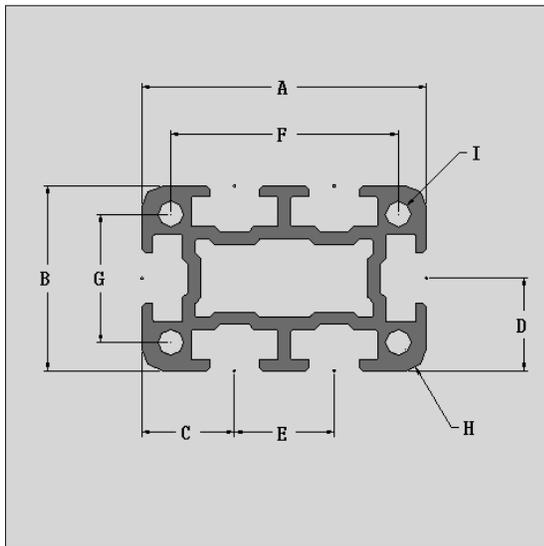
**E010030100**  
**1 x 2 Slot Support Beam**  
**1.63 in x 2.50 in**  
**[41.40 mm x 63.50mm]**

**TYPICAL USE:**

- Structural framework.
- Cross supports.
- Door and safety screen frames.

**FEATURES:**

- T-slots for modular assembly with T-Bolts, Joiner Strips, and Square Nuts.
- Corner holes run throughout the length of the extrusion for the attachment of End Caps and End Plate Brackets.



	Inches (in.)	Millimeters (mm)
A	2.500	63.5
B	1.625	41.4
C	0.813	20.7
D	0.813	20.7
E	0.875	22.2
F	2.875	73.0
G	1.125	28.6
H	0.188	4.8
I	0.201	5.1



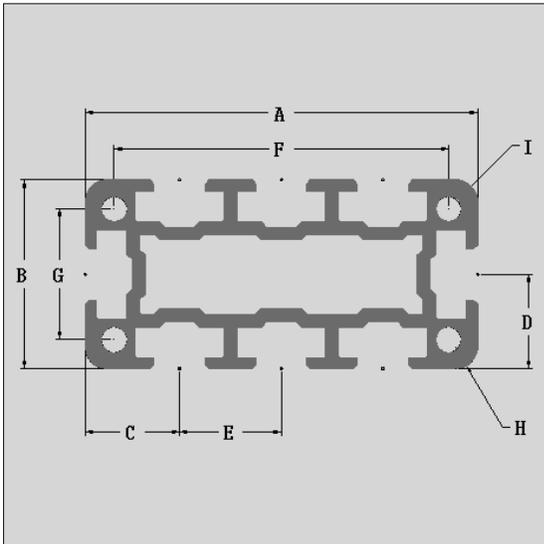
**E010040100**  
**1 x 3 Slot Support Beam**  
**1.63 in x 3.38 in**  
**[41.40 mm x 85.85 mm]**

**TYPICAL USE:**

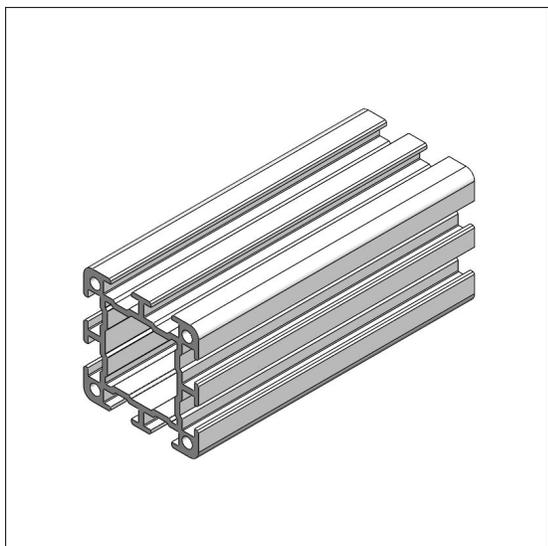
- Structural framework.
- Cross supports.
- Support legs.

**FEATURES:**

- T-slots for modular assembly with T-Bolts, Joiner Strips, and Square Nuts.
- Corner holes run throughout the length of the extrusion for the attachment of End Caps and End Plate Brackets.



	Inches (in.)	Millimeters (mm)
A	3.375	85.85
B	1.625	41.4
C	0.813	20.7
D	0.813	20.7
E	0.875	22.2
F	2.875	73.0
G	1.125	28.6
H	0.188	4.8
I	0.201	5.1



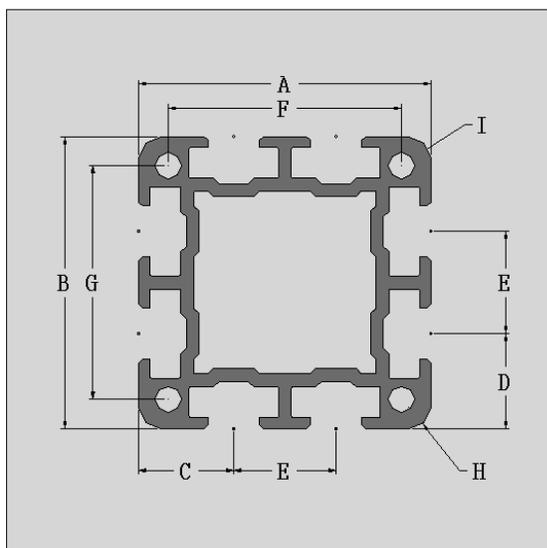
**E0100501**  
**2 x 2 Slot Support Beam**  
**2.50 in x 2.50 in**  
**[63.50 mm x 63.50 mm]**

**TYPICAL USE:**

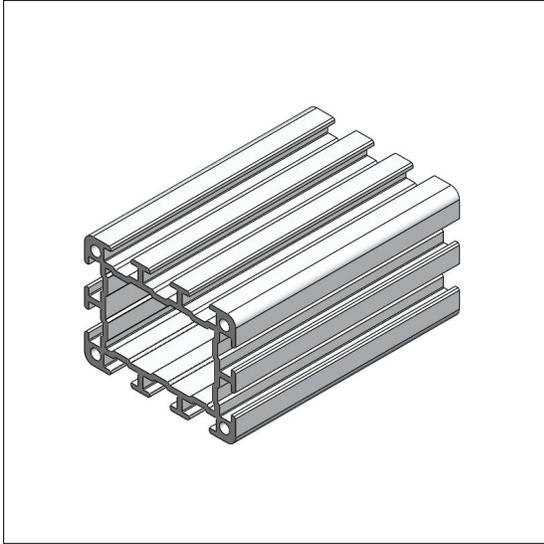
- Structural framework.
- Cross supports.
- Support legs.

**FEATURES:**

- T-slots for modular assembly with T-Bolts, Joiner Strips, and Square Nuts.
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	Inches (in.)	Millimeters (mm)
A	2.500	63.5
B	2.500	63.5
C	0.813	20.7
D	0.813	20.7
E	0.875	22.2
F	2.000	50.8
G	2.000	50.8
H	0.188	4.8
I	0.201	5.1



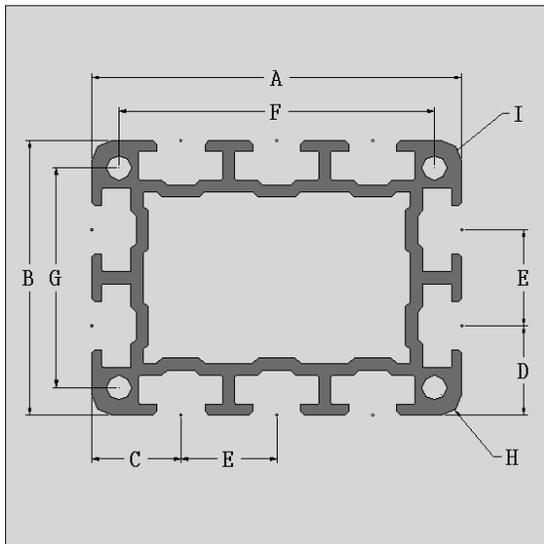
**E010060100**  
**2 x 3 Slot Support Beam**  
**2.50 in x 3.38 in**  
**[63.50 mm x 85.85 mm]**

**TYPICAL USE:**

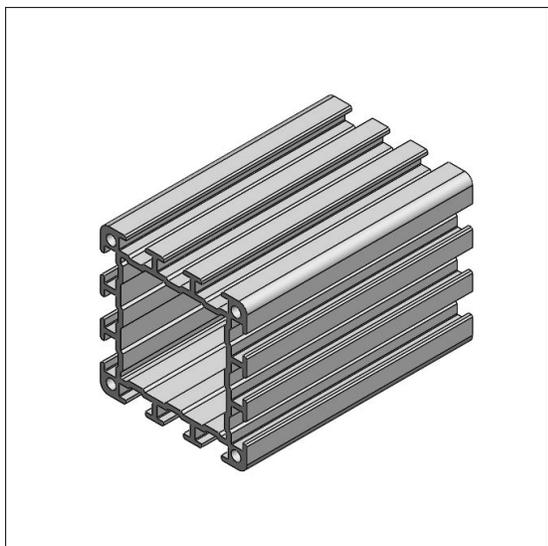
- Structural framework.
- Cross supports.

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- Corner holes run throughout the length of the extrusion for the attachment of End Caps and End Plate Brackets.



	Inches (in.)	Millimeters (mm)
A	3.380	85.85
B	2.500	63.5
C	0.813	20.7
D	0.813	20.7
E	0.875	22.2
F	2.875	73.0
G	2.000	50.8
H	0.188	4.8
I	0.201	5.1



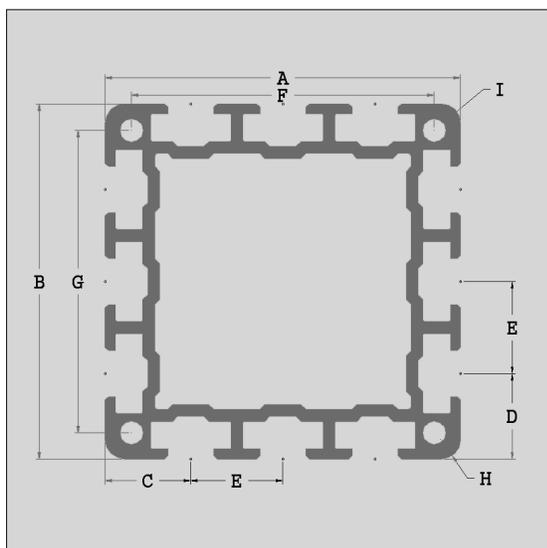
**E010070100**  
**3 x 3 Slot Support Beam**  
**3.375 in x 3.375**  
**[85.85mm x 85.85mm]**

**TYPICAL USE:**

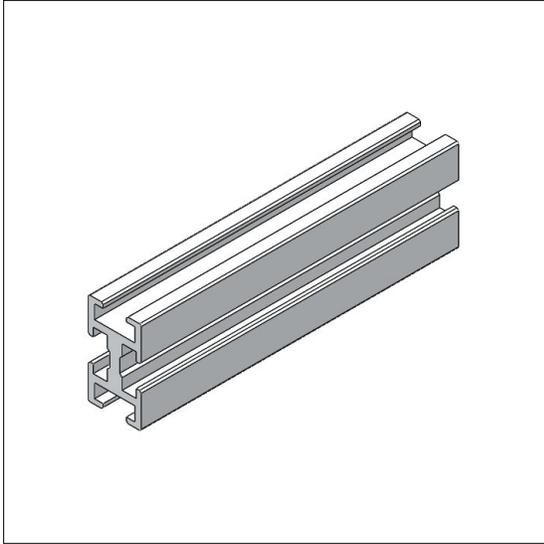
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A	3.375	85.9
B	3.375	85.9
C	0.813	20.7
D	0.813	20.7
E	0.875	22.2
F	2.875	73.0
G	2.875	73.0
H	0.188	4.8
I	0.201	5.1



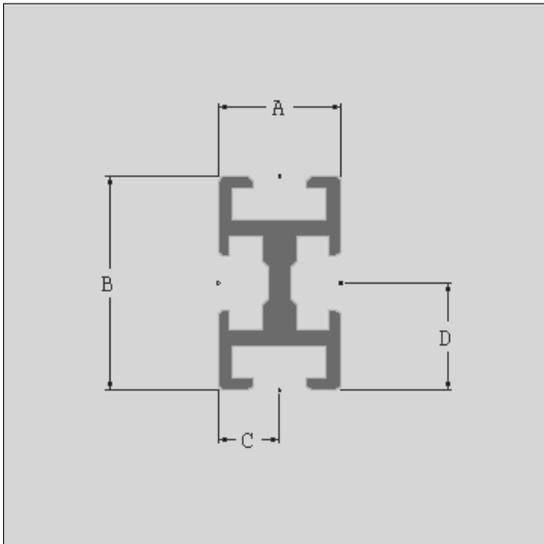
**E0100801**  
**1 x 1 Slot Cross Beam**  
**1.75 in x 1.00 in**  
**[44.45 mm x 25.40 mm]**

**TYPICAL USE:**

- Structural framework.
- Cross supports.
- Door and safety screen frames.

**FEATURES:**

- T-slots for modular assembly with T-Bolts, Joiner Strips, and Square Nuts.



	Inches (in.)	Millimeters (mm)
A	1.000	25.4
B	1.750	44.45
C	0.500	12.7
D	0.875	22.2
E	-	-
F	-	-
G	-	-
H	-	-
I	-	-