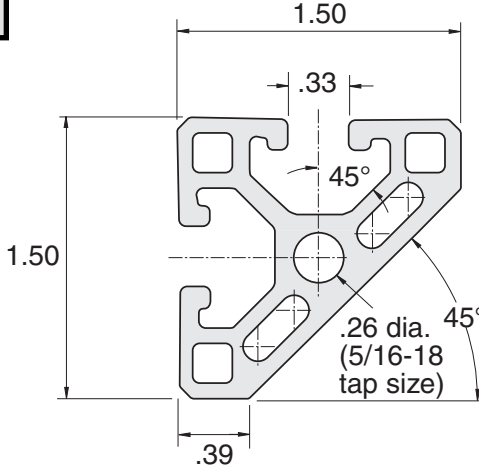


**EX-7**

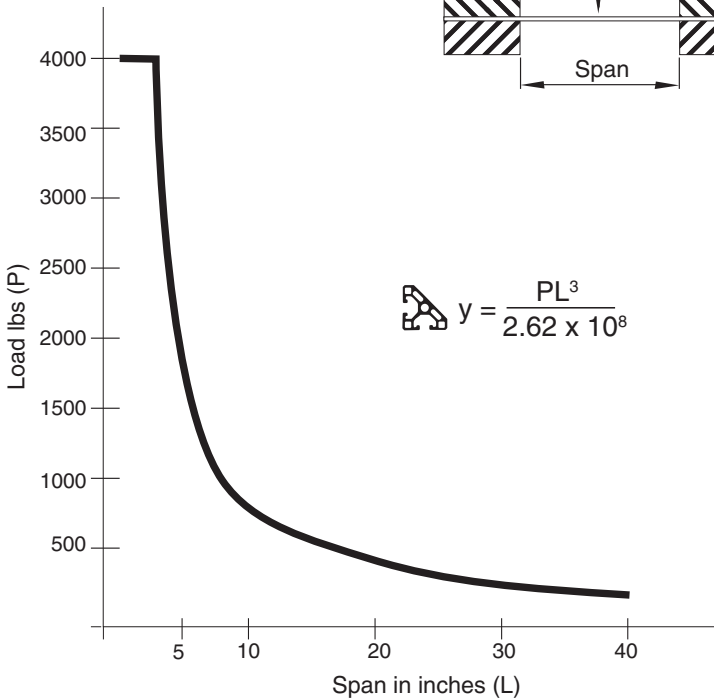
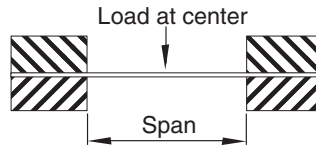


- Finish = Clear anodized
- Material = 6105-T5 Aluminum
- Est. Area = .729 Sq. In.
- Weight/ft = .854 lbs.
- 96", 192.63" Lengths standard.

**Section Properties:**

Moment of Intertia in <sup>4</sup>	.137
Section modulus in <sup>3</sup>	.195

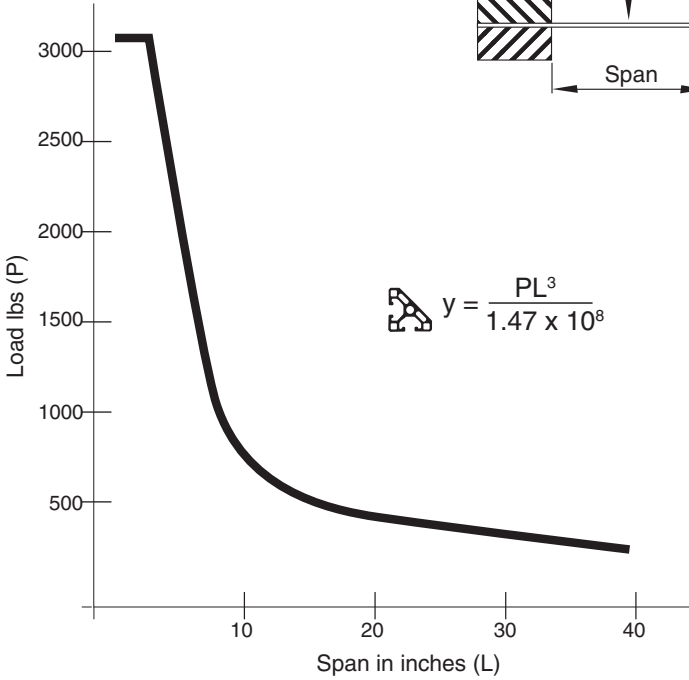
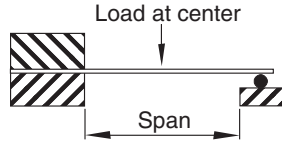
Load condition:  
Fixed at both ends, load at center  
Deflection = y (inches)



$$y = \frac{PL^3}{2.62 \times 10^8}$$

**EX-7**

Load condition:  
Fixed at one end, sliding at one end,  
load at center  
Deflection = Y (inches)



Load condition:  
Fixed at one end,  
load at unsupported end  
Deflection = Y (inches)

