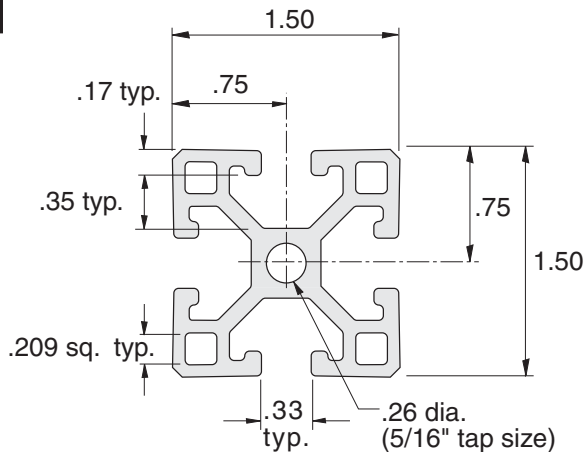


EX-6

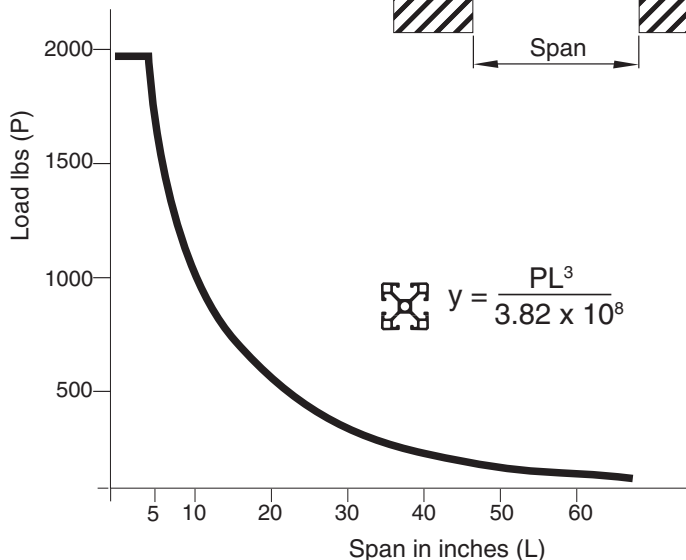
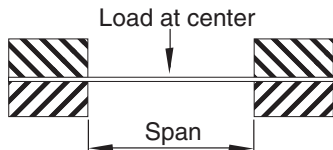


- Finish = Clear anodized
- Material = 6105-T5 Aluminum
- Est. Area = .878 Sq. In.
- Weight/ft = 1.029 lbs.
- 96", 144.25", 192.63" Lengths standard.

Section Properties:

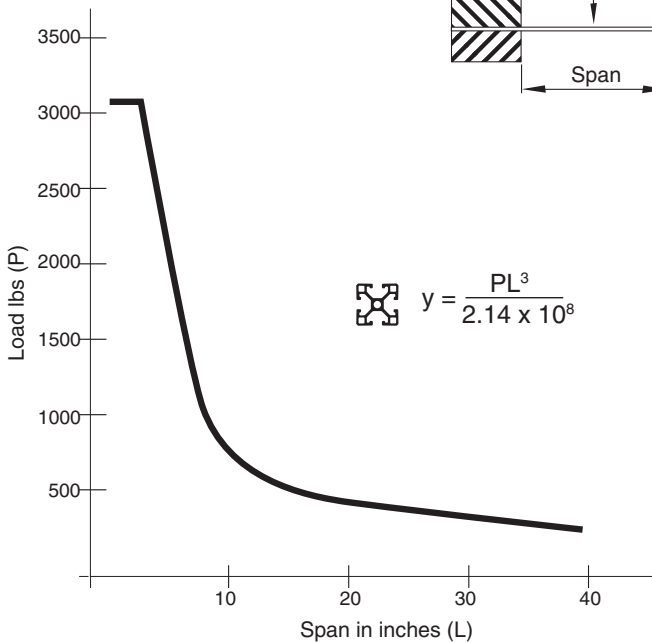
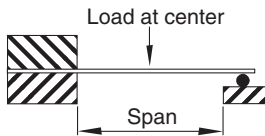
Moment of Inertia in ⁴	.199
Section modulus in ³	.265


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



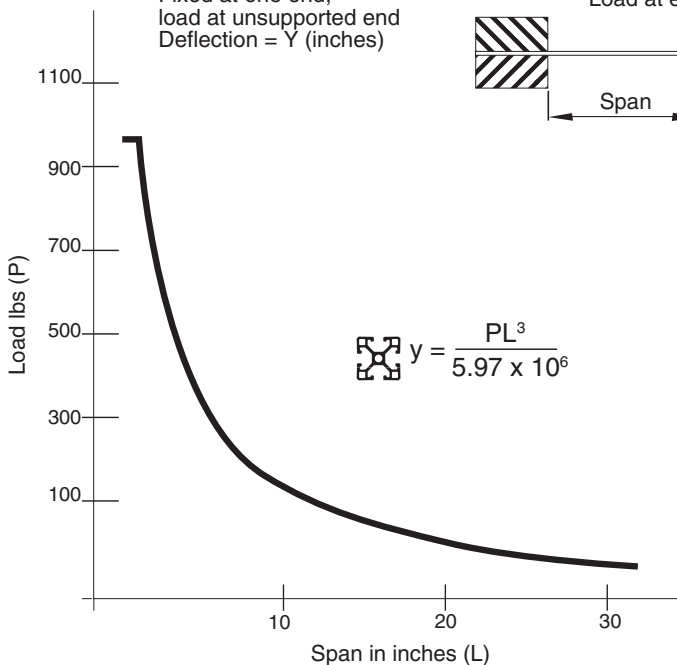
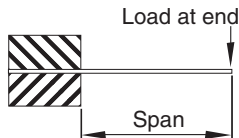
EX-6


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



 $y = \frac{PL^3}{2.14 \times 10^8}$

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



 $y = \frac{PL^3}{5.97 \times 10^6}$