Extraneous Load Factors

Material: 2024-T4 Aluminum (AL*)

Capacity (in-lb)	Α	В	С	D	Ε	F
100	66.3	66.3	21.0	65.0	65.0	58.0

 σ_{\max} <u>Table</u>

Material	Static Load (=60% Y.S.)	Fatigue (Non Reversing Loads)	Fatigue (Full Reversing Loads)
2024-T4/T351	28,000	18,000	15,000

*Value is 75% of Fatigue Strength based on $10-20 \times 10^6$ cycles and allow for factors that influence Fatigue such as surface finish, stress concentrations, corrosion, temperature and other variables for the production of the transducer, for infinite Fatigue Life (100×10^6) use 75% of values shown.

Torsional Stiffness

Capacity	Torsional Stiffness	
(in-lb)	(ft-lb/rad)	
100	10000	

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