



Load Ring

Note: Force is Greatest For Small Angle  $\Phi$

⚡ Note: Slip Adjustment Devices, Prussic or Similar

$\Phi$

T1

90° Optimum (70°-110°) Ok

$T1 = T2 / (2 \sin \Phi)$

As  $\Phi \gg 0$ ,  $T1 \gg \text{Infinity}^{**}$

\*\*I Recommend 1/2 in White Nylon Rope. It Has High Elongation and  $\sin \Phi$  Cannot=0. 200' Is Usually Adequate; More Is Better

Polypro Rope Is Not Adequate For This Function. Attach to Multiple Points On Raft To Spread Load

US Rigging Has Quality Pulleys In The \$13 Range

Pulley

T1

T2

Pulley

Deadman Object

IDAHO Boatman