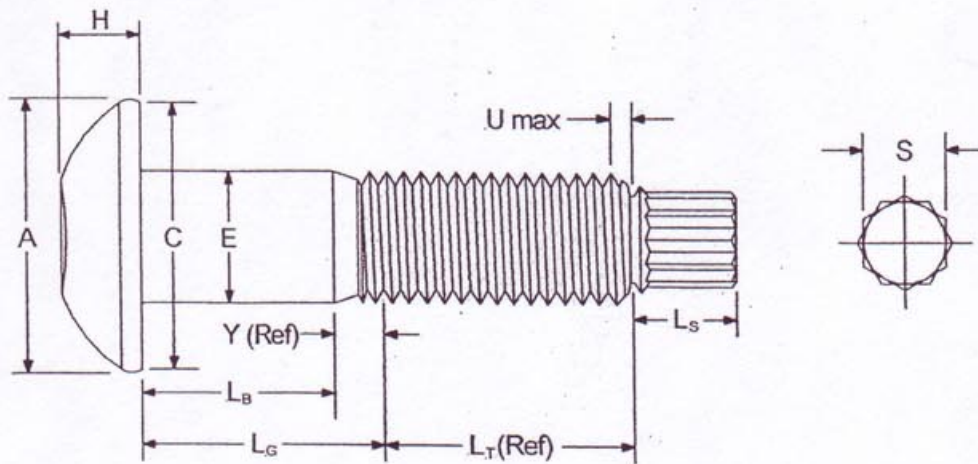


Determining Bolt Length for the DISC-LOCK Tension Control Bolt



| Nominal Size or Basic Major Dia of Threads and Threads per Inch | | H | | E | | C | A | L _T | L _S | S | U | Y |
|---|-------|----------------|-------|-----------------------|-------|----------------|-------------|------------------|------------------|------------------------------------|---|--------------------------------|
| | | Head Height | | Full-Size Body Dia | | Bearing Dia | Head Dia | Thread Length | Spline Length | Spline Width Across Flats | Center of Groove to 1st Fully Formed Thread | Transition Thread Length |
| | | Max | Min | Max | Min | Min | Max | Ref | Ref | Ref | Max | Ref |
| 1/2"-13 | 0.500 | 0.323 | 0.302 | 0.515 | 0.482 | 0.890 | 1.126 | 1.00 | 0.50 | 0.32 | 0.192 | 0.19 |
| 5/8"-11 | 0.625 | 0.403 | 0.378 | 0.642 | 0.605 | 1.102 | 1.313 | 1.25 | 0.60 | 0.43 | 0.227 | 0.22 |
| 3/4"-10 | 0.750 | 0.483 | 0.455 | 0.768 | 0.729 | 1.338 | 1.580 | 1.38 | 0.65 | 0.53 | 0.250 | 0.25 |
| 7/8"-9 | 0.875 | 0.563 | 0.531 | 0.895 | 0.852 | 1.535 | 1.880 | 1.50 | 0.72 | 0.61 | 0.278 | 0.28 |