

Download Involute Spline Design Guide

ash gear & supply • 42650 nine mile rd. • novi, mi 48375 • u.s.a. • phone (248) 374-6155 • fax (248) 374-6255 f-17 trigonometry tables
Calculation. WN4 calculates dimensions, tolerances, dimension over pins, stress and life expectation for Involute Splines according to ANSI B92.1 and ANSI B92.1b.
Abstract—The authors present the analysis of the tolerance system of involute splines. They explain the concept of effective variation, actual and effective tooth size.
Stress Calculation WN5 calculates compressive stress, spline teeth shear stress, hoop stress, bending stress, torsional stress, and equivalent stress according to SAE