

Download Involute Spline Design Guide

422 Spur Gears Helical Gears Internal Gears Racks CP Racks & Pinions Bevel Gears Screw Gears Worm Gear Pair Bevel Gearboxes Other Products Miter Gears Involute Spline Shafts & Bushings 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. The analysis of the effective variation, which is defined as the deviation allowance, Calculation. WN4 calculates dimensions, tolerances, dimension over pins, stress and life expectation for Involute Splines according to ANSI B92.1 and ANSI B92.1b. Calculation. WN5 calculates dimensions, tolerances, dimension over pins, stress and life expectation for Involute Splines according to ISO 4156 and ANSI B92.2M.