

////// ZERO-MAX

SCHMIDT L400 COUPLING

SCHMIDT L400

Schmidt Inline Couplings are of the torque-rigid type, designed with two pairs of parallel links installed 90 degrees out of phase with each other. This patented arrangement allows for the precise transmission of torque and constant angular velocity between shafts with relatively large parallel misalignments. The coupling utilizes needle bearings which can be preloaded for "zero" backlash conditions. Typical applications which benefit from the high accuracy provided by Schmidt Inline Couplings are feeders, embossers, compactors, printing presses and many others.

Schmidt Inline Couplings are available for a torque range from 56 to 2824 Nm. Couplings for higher torque requirements are made available on special orders. To select an Inline Coupling contact Naismith Engineering.



SCHMIDT L500 COUPLING

SCHMIDT L500

Schmidt 5-D Couplings were developed to fill a gap in the family of torque-rigid couplings. Most couplings in this family are designed to accommodate either axial, angular, or parallel shaft displacements only. For some applications, however, the operational conditions require all possible shaft misalignments. If these shaft misalignments exceed the limit of the selected coupling capacity, excess sideloads are introduced into the equipment which can cause vibrations, life reduction or failure of vital machine components such as bearings, motors, etc. The 5-D Couplings, are a modification of the Schmidt Inline Coupling, designed to accommodate all 5 types of shaft displacements. This patented coupling allows easy adjustment to any possible misaligned shaft position without imposing heavy sideloads on shafts, bearings or other machine equipment. Schmidt 5-D Couplings offer large shaft misalignment capabilities and constant angular velocity. The acting forces within the coupling can be precisely calculated, assuring a sound coupling design which is especially important for heavy-duty applications. To select a 5-D Coupling contact Naismith Engineering

