

Flange Coupling

Name of Facility Created: Flange Coupling

Name of The Faculty: Dr. Divyang Patel & Mr. Satish Verma

Facility Created: Winter 2018

Associated Subject: Design of Machine Elements (3171917)

Purpose:

The purpose of a flange coupling is connect driving shaft to the driven shaft through a flange joint. The model is developed to demonstrate how the two flanges are bolted together with a ring set of bolts completes the drive connection. The model helps easy visualization of different types of failures such as shear, crushing etc of bolts, flanges and keys.

