

SPIDER COUPLINGS

Technoflex Rubber Products (An ISO 9001:2015 certified company) is located in Rubber Park, Airapuram, which has been organized for Design and Manufacturing of a

Spider coupling is a type of general purpose power transmission coupling that also can be used in motion control applications. It is designed to transmit torque while damping system vibrations and accommodating misalignment, which protects other components from damage.



Spider coupling are torsional flexible shaft couplings, the operating characteristics of which are two hubs with concave claws, transmitting the torque by meshing with an elastic involute gear ring.

Spider coupling are available in different grades and sizes. Different Models are available as per the demand.

Spider coupling are used for connecting a wide range of equipment including pumps, compressors, gear reducers, line shafts, conveyors and most types of rotating machinery. Spider coupling are quick and easy to install. They are grease and oil resistant and offer a smooth and silent action.

Spider coupling Sizes

5" X 2"
5" X 2.5"
6" X 1.5"
6" X 2"
6" X 2.5"
8" X 1.5"
8" X 2.5"
8" X 3"
10" X 3"

Features

- Spider couplings are used with High elasticity , Perfect strength, Optimum quality and High functional efficiency.
- These are Resist the unfavorable factor and High temperature resistance.
- Spider couplings are used with high mechanical performance, flexibility, finely finished and durability.



The spider coupling concept gives a reliable, smooth power transmission without torsional oscillation or vibration and so protects the connected machines.

The involute teeth of the elastomeric inserts are crowned in order to avoid edge pressure on the tooth flanks and so avoid undesirable axial thrust.

Due to the complete flexibility and ductility of the elastomer ring, it compensates for parallel and angular displacements as well as to absorb longitudinal movements of the shafts.



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