

An **L-type rubber coupling** (often called a jaw or star coupling) is a flexible mechanical power transmission component made of **two metal hubs** and a **central rubber spider insert (elastomer)**. It connects two rotating shafts while absorbing shock, dampening vibrations, and handling minor misalignments. [[1](#), [2](#), [3](#), [4](#)]

Key Components & Design

- **Hubs:** Two metal halves (sintered or cast iron) attached to the driving and driven shafts.
- **Spider/Insert:** A flexible star-shaped rubber piece (usually NBR/Buna-N) sitting between the jaws.
- **Sizes:** Designated by codes like L075, L100, and L110, matching specific outer diameters and torque limits. [[1](#), [2](#), [3](#), [4](#), [5](#)]