

NM Coupling Installation Guide

General installation and inspection sequence. Final tolerances, fits, fastening details and hub spacing should follow the approved drawing or machine specification.

1. Prepare Components

Inspect hubs, shafts, keys and the flexible element. Remove dirt and burrs. Confirm that the finished bores and keyways match the approved drawing.

2. Mount Hubs

Install the hubs to their approved axial positions. Do not force a hub over a shaft that does not meet the intended fit.

3. Align Shafts

Align the driver and driven equipment before fitting the element. A flexible coupling should not be used to hide a bent shaft, poor base condition or bearing problem.

4. Fit The Flexible Element

Install the element cleanly and without cutting, twisting or pinching it. Bring the hubs to the approved separation.

5. Final Check

Verify spacing, fastening, guard clearance and free rotation where the machine procedure permits. After start-up, inspect noise, temperature, hub movement and element condition.

Maintenance Triggers

- Repeated flexible-element damage
- Unexpected heat or noise
- Visible hub movement
- Contact with guards or adjacent parts
- Changed motor, speed, load or operating cycle

If any trigger repeats, investigate the full drive condition instead of treating the flexible element as the only cause.