

## Dodge® Grid-Lign couplings: frequently asked questions

What are the differences in the Horizontal and Vertical split covers?

Covers are stocked in two styles. The T10 Horizontal covers are aluminum die cast covers that are split along the shaft centerline and can be removed without moving the shaft hubs. This is the more popular of the two styles. The T20 covers are stamped steel and are split radially. The T20 covers have a slightly higher speed capability than the T10 covers because of their steel construction and because centrifugal acceleration in operation is not working against the clamp load of the cover bolts.

Does Dodge offer Clearance fit or Interference fit in our finish bore couplings?

This all depends on the size of coupling that you are requesting. Sizes 1020T – 1090T come with clearance fit as standard. Sizes 1100T – 1140T come with interference fit. However, we do offer rough stock bore hubs that can be machined for either clearance or interference per the customer's request.

What type of Grease do we recommend for the Grid-Lign?

Under average industrial conditions, the following specifications should be adhered to:

- Ambient Temperature Range: 0°F to 150°F
- NLGI Rating: 1 through 3 per ASTM D-217
- Minimum Base Oil Viscosity: 750 SSU @ 100°F per ASTM D-445
- Minimum Dropping Point: 220°F per ASTM D-556 or D-2265
- Maximum Thickener Content: 8%
- Oxidation Resistance, Maximum Pressure Drop: 20 psi @ 100 hours per ASTM D-942
- Recommended Properties: anti-oxidation, anti-rust, extreme pressure

*NOTE: Dodge offers coupling grease with Grid-Lign grids and Grid-Lign grid/cover assemblies.*

Dodge recommends maintenance to be done every 6 months to ensure longer life. (This includes disassemble of coupling, remove old lubricant and clean.)