



# SPECIFICATION/HOW TO ORDER/NOMENCLATURE



## GRID-LIGN

### SPECIFICATION

GRID-LIGN Couplings are tapered grid style with hubs, grids and covers which are interchangeable with other industry standard tapered grid couplings. Grid hubs are machined steel, protected with an anti-rust coating. Hubs have optional methods of attachment to the shaft including but not limited to: clearance fit, interference fit or TAPER-LOCK bushings. Clearance fits and interference fits are supplied with an industry standard keyway. Clearance fits are supplied with two set screws, one over the key and one at 65°. The grid element is made of high strength spring steel, heat treated and shot peened to enhance strength and durability.

The coupling is designed and manufactured such that the grid member can be replaced without disturbing the connected equipment and without the requirement for realignment. All Grid-Lign Couplings are fitted with covers to retain lubrication and prevent the entry of abrasives and contaminants. Covers are of a two piece design to facilitate installation and are available as axial split or radial split. DODGE will provide recommendations for types and amounts of lubricant suitable for operation in ambient temperatures from -35°F to +210°F.

Spacer Couplings consist of two shaft hubs and a center assembly consisting of two spacer hubs, one grid and cover. The center assembly is readily removable to facilitate maintenance on pumps or other connected equipment. The center assembly must be replaceable without disturbing the coupled equipment and without realignment.

### HOW TO ORDER

Standard couplings consist of:  
 (2) Shaft Hubs  
 (1) T10 (or T20) Grid & Cover Assembly

Spacer couplings consists of:  
 T31 Spacer  
 (2) "T" Shaft Hubs  
 (2) Spacer Hubs  
 (1) T10 Grid & Cover Assembly  
 T35 Half Spacer  
 (1) Shaft Hub  
 (1) Spacer Hub  
 (1) "T" Shaft Hub  
 (1) T10 Grid & Cover Assembly

### NOMENCLATURE

	<p><b>Size</b> _____ <b>1020</b> _____ <b>T10</b></p>
	<p><b>Coupling Type</b> _____</p> <p>T10 = Horizontal Split Cover          T20 = Vertical Split Cover          T31 = Full Spacer          T35 = Half Spacer</p>