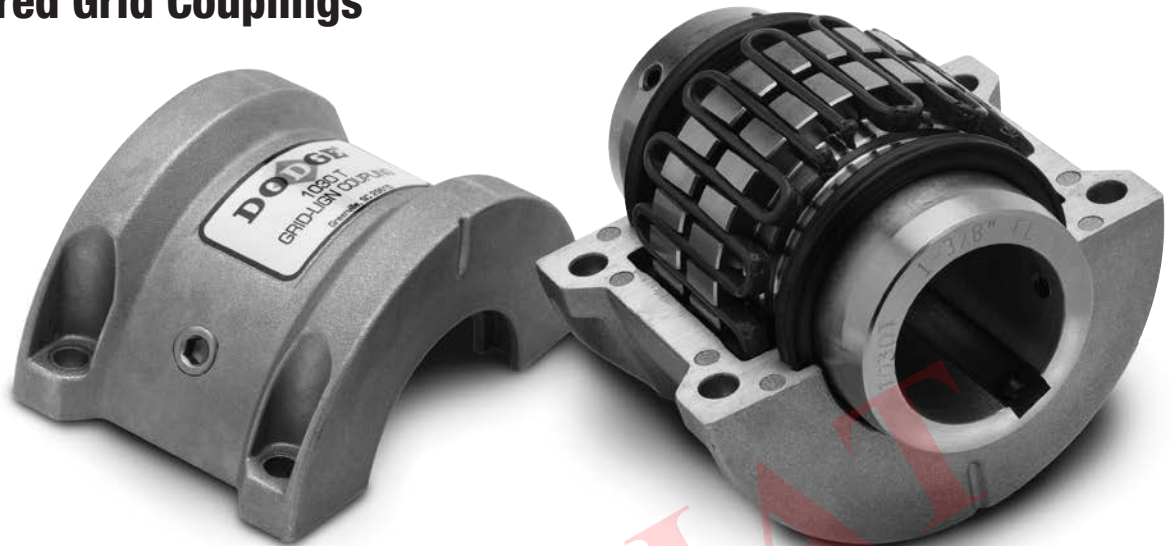


## Dodge Grid-Lign Tapered Grid Couplings



### VERSATILITY

With its technologically advanced design, the Dodge Grid-Lign coupling provides all the desired features in a metallic coupling: power density, misalignment capability, flexibility, and high quality construction.

### TORQUE CAPACITY

Torque capacities ranging from 464 in-lbs to 1.65 million in-lbs allow Dodge Grid-Lign couplings to be utilized in a wide range of industrial applications; from high-speed pumps and fans, to low-speed bulk material handling conveyors.

### BORE CAPACITY

With expansive bore capacities, Dodge Grid-Lign couplings provide solutions for attaching shafts from 0.5" to 13.00".

### SHAFT ATTACHMENT

Dodge offers Grid-Lign couplings with a variety of shaft attachment methods: interference fit, Taper-Lock bushed, and clearance fit utilizing two set screws (one over the keyway and a second at 65 degrees for greater holding power).

### SHAFT DISTANCES

Available in either close coupled, full spacer, or half spacer configurations through size 1200T, Grid-Lign couplings can fit the needs of a multitude of applications.

### QUALITY

Dodge quality is second-to-none. With hubs manufactured from machined steel and grids made from cold-worked alloy and shot peened for additional strength, the Dodge Grid-Lign offers best-in-class performance.

### INVENTORY

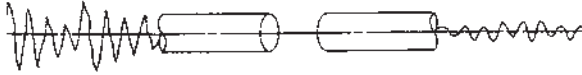
With inventory available through size 1200T, Dodge is able to meet your delivery needs quickly.

### SUPPORT

Dodge's engineering service and support personnel are prepared to assist you at any time with your most difficult application challenges.



## Vibration Absorption



- The tapered grid element, combined with the contoured hub grooves, transmits torque efficiently while accommodating misalignment and cushioning shock loads
- The grid element is made from high strength steel that is quenched and tempered for long life

## Flexible Tapered Element

- Isolates vibration, cushions shock loads
- Allows uniform contact during light, normal and shock loading conditions
- Increases machine life and reliability
- Constructed from tempered spring steel for long life

## Interchangeability

- Stock Grid-Lign coupling configurations include standard close-coupled designs with either T10 horizontally split or T20 vertically split covers, as well as T35 half spacers and T31 full spacer designs
- Functionally comparable to other taper grid style couplings

For specific grease recommendations reference MN4001 or contact Dodge C/O Engineering at 864-284-5700.

## Grid-Lign

Coupling Size	Maximum Bore		Maximum RPM			Rated Torque Finished Bore	
	Straight Bore		Standard		Spacer	HP/100	(in-lbs)
	STD	Spacer	T10	T20	T31/T35		
1020T	1-3/16	1-7/16	4500	6000	3600	0.73	464
1030T	1-7/16	1-3/4	4500	6000	3600	2.09	1,320
1040T	1-3/4	2-1/2	4500	6000	3600	3.49	2,200
1050T	2	2-3/4	4500	6000	3600	6.11	3,850
1060T	2-1/4	3-1/4	4350	6000	3600	9.60	6,050
1070T	2-11/16	3-3/8	4125	5500	3600	14.0	8,800
1080T	3-1/4	3-3/4	3600	4750	3600	28.8	18,150
1090T	3-3/4	4-1/4	3600	4000	3600	52.4	33,000
1100T	4-1/4	4-3/4	2440	3250	2440	88.1	55,550
1110T	4-5/8	5-1/2	2250	3000	2250	131	82,500
1120T	5-3/8	6-1/8	2025	2700	2025	192	121,000
1130T	6-1/2	6-1/2	1800	2400	1800	279	176,000
1140T	7-1/4	7-1/2	1650	2200	1650	401	253,000
1150T	8	9	1500	2000	1500	559	352,000
1160T	9	10	1350	1750	1350	785	495,000
1170T	10	11-3/4	1225	1600	1225	1,047	660,000
1180T	11	12-1/8	1100	1400	1100	1,452	915,000
1190T	12	13-1/2	1050	1300	1050	1,920	1,210,000
1200T	13	14	900	1100	900	2,618	1,650,000

**BALDOR**  
A MEMBER OF THE ABB GROUP

P.O. Box 2400, Fort Smith, AR 72902-2400 U.S.A., Ph: (1) 479.646.4711, Fax (1) 479.648.5792, International Fax (1) 479.648.5895

**Baldor - Dodge**  
6040 Ponders Court, Greenville, SC 29615-4617 U.S.A., Ph: (1) 864.297.4800, Fax: (1) 864.281.2433

[www.baldor.com](http://www.baldor.com)