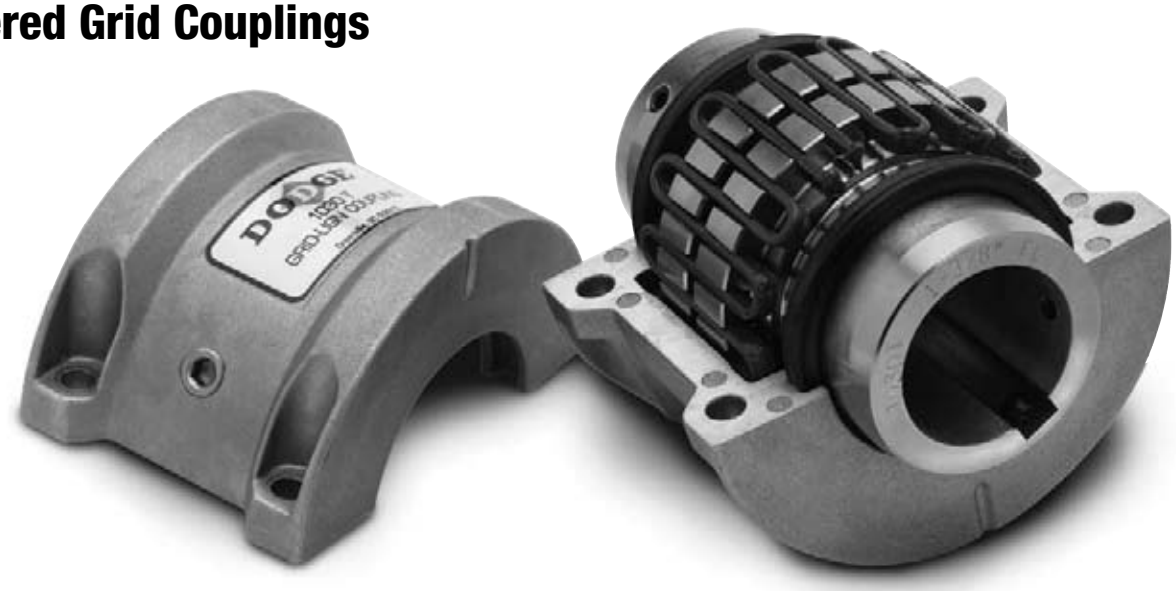
DODGE GRID-LIGN
Tapered Grid Couplings



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
No other coupling in the DODGE arsenal offers such an extensive range of torque capacity, ranging from 464 in-lbs. to 1.65 million in-lbs.

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, 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.

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

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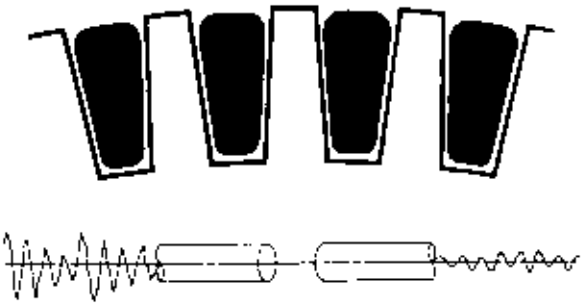
Vibration Absorption



- 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
- Lengthens machine life
- Constructed from tempered spring steel for long life

Interchangeability

- Stock GRID-LIGN coupling configurations include the standard full-flex design in vertically or horizontally split covers, half spacers and full spacers
- Functionally comparable to other taper grid style couplings

DODGE recommends Lithium or Lithium Complex base greases of #1 - #3 NLGI consistency with a minimum base oil viscosity of 750 SSU @ 100°F.

GRID-LIGN

Coupling Size	Maximum Bore		Maximum RPM			Rated Torque Finished Bore	
	Straight Bore		Standard		Spacer		
	STD	Spacer	T10	T20	T31	HP/100	(in-lbs)
1020T	1-3/16	1-7/16	4500	6000	3600	0.67	464
1030T	1-7/16	1-3/4	4500	6000	3600	1.90	1,320
1040T	1-3/4	2-1/4	4500	6000	3600	3.20	2,200
1050T	2	2-1/2	4500	6000	3600	5.60	3,850
1060T	2-1/4	3-1/8	4350	6000	3600	8.70	6,050
1070T	2-11/16	3-1/4	4125	5500	3600	13.00	8,800
1080T	3-1/4	3-3/4	3600	4750	3600	26.00	18,150
1090T	3-3/4	4-1/4	3600	4000	3600	48.00	33,000
1100T	4-1/4	5	2440	3250	–	80.00	55,550
1110T	4-5/8	5-7/8	2250	3000	–	120.00	82,500
1120T	5-3/8	–	2025	–	–	175.00	121,000
1130T	6-1/2	–	1800	–	–	254.00	176,000
1140T	7-1/4	–	1650	–	–	365.00	253,000
1150T	8	–	1500	–	–	558.51	352,000
1160T	9	–	1350	–	–	785.40	495,000
1170T	10	–	1225	–	–	1047.20	660,000
1180T	11	–	1100	–	–	1451.80	915,000
1190T	12	–	1050	–	–	1919.87	1,210,000
1200T	13	–	900	–	–	2618.00	1,650,000

BALDOR

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