Dodge® Gear Couplings

The most Power-Dense Coupling Dodge Offers

Engineered for improved operation, the Dodge gear coupling is manufactured with high-quality forged steel for longer service life, and features a high torque rating for efficient downsizing.



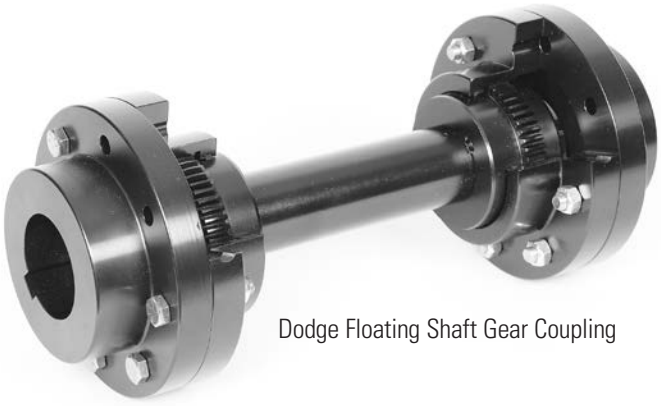
Dodge Gear Coupling

Versatile Design

The Dodge Gear coupling's versatile, modular system design is half-for-half interchangeable with competitive AGMA gear couplings.

Largest Bore Capacity in Industry

In most sizes, the Dodge Gear coupling also offers the largest bore capacity in the industry. It's well suited for reversing applications and can be combined with any Dodge speed reducer to achieve a tailored package for maximum results.

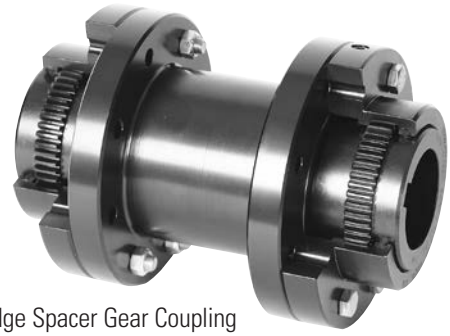


Dodge Floating Shaft Gear Coupling

Custom Capabilities:

The Dodge gear coupling product line has catalogued sizes up to AGMA size 7.0, however, manufacturing capabilities also allow for custom designs including:

1) Large sizes up to size 30.0
2) Shrouded bolt
3) Gear spacer couplings
4) Floating shaft designs
5) Limited end float (LEF)
6) Slide gear
7) Shear pin
8) Electrically insulated
9) Metal labyrinth seals
10) Made-to-order (MTO) custom designs



Dodge Spacer Gear Coupling

Gear Coupling Standard and Metric Ratings*

Style	Size Range	Max Torque		Power per 100 RPM		Max Speed	Max Bore		Misalignment Capability (Angular)	Misalignment Capability (Parallel)		Misalignment Capability (End-Float)	
		In-lbs	N-m	HP/100	kW/100		Inch	mm		Inch	mm	Inch	mm
Gear (Standard)	1.0 - 7.0	1,008,400	113,900	1600	1193	6,000/9,000**	9.50	255	Size 1.0-5.0-1.5º ang. Misalign. per gear mesh Size 6.0-7.0-0.75º ang. Misalign. per gear mesh				
Gear (Made-To-Order)	8.0 – 30.0	47,269,000	5,340,000	75000	55916	1,900/2,850**	42.00	480	Consult Dodge Engineering for misalignment detail.				

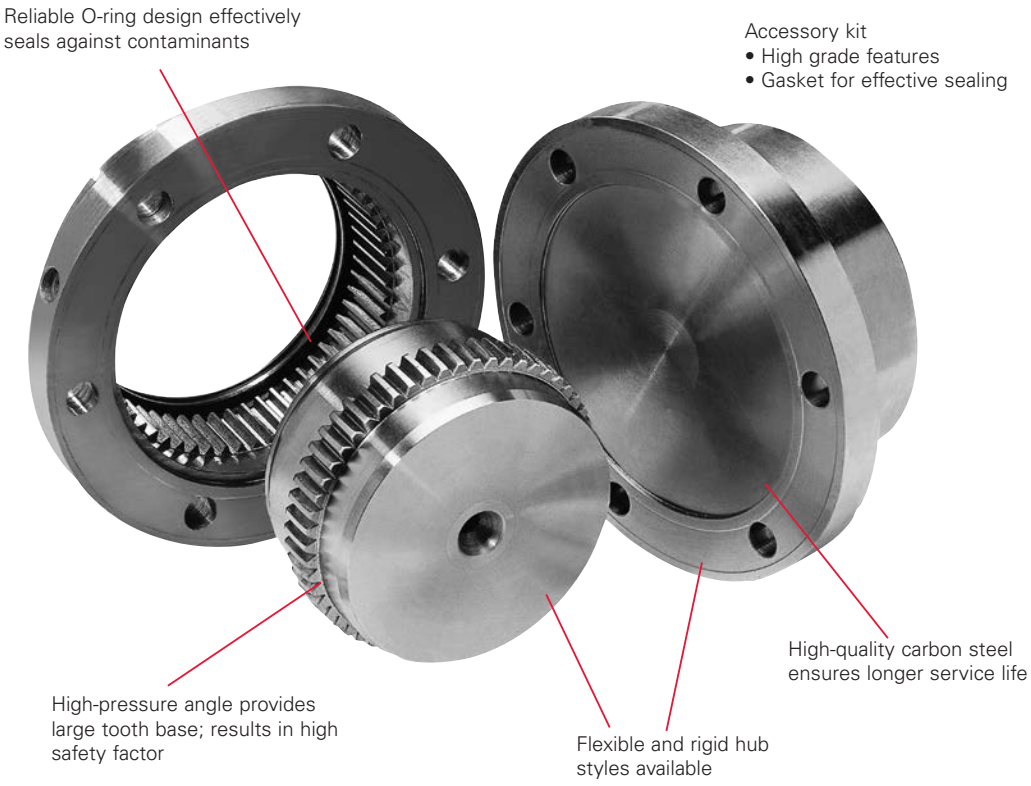
* Listed values represent the range of the entire product line. Ratings listed are the maximum ratings for the largest coupling size. See Dodge engineering catalog and appropriate selection methods during sizing or contact application engineering for assistance.

**Balanced

Size-for-size Competitive Interchangeability

Dodge Gear Coupling	Falk Lifelign G20 Series	Kop-Flex H Series	Amerigear F Series	Lovejoy/Sier-Bath
1	1010	1H	201	-
1.5	1015	1 1/2 H	201 1/2	1.5
2	1020	2H	202	2
2.5	1025	2 1/2 H	202 1/2	2.5
3	1030	3H	203	3
3.5	1035	3 1/2 H	203 1/2	3.5
4	1040	4H	204	4
4.5	1045	4 1/2 H	204 1/2	4.5
5	1050	5H	205	5
5.5	1055	5 1/2 H	205 1/2	5.5
6	1060	6H	206	6
7	1070	7H	207	-

Note: Check with Dodge Engineering on specific application questions.



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

© Baldor Electric Company
FL4010

All Rights Reserved. Printed in USA.
5/13 TCP 5000