

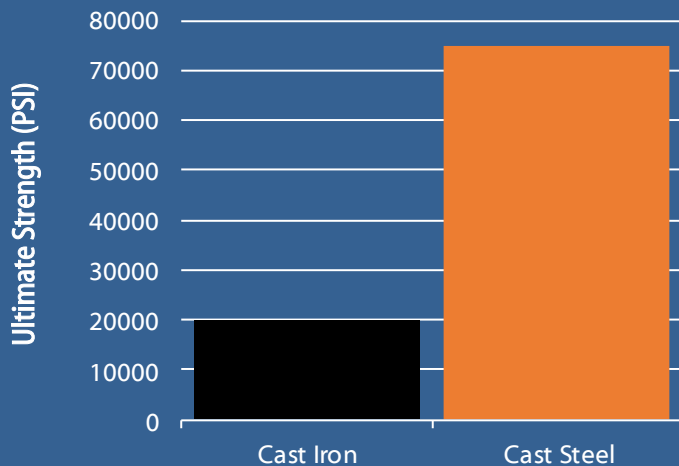
Lovejoy

BY TIMKEN

CREATE A STRONG CONNECTION

When you want the strength of a rigid coupling at cast iron prices, choose Lovejoy® rigid compression couplings. The design of our rigid compression couplings make them well suited for the toughest applications.

Cast Iron vs. Cast Steel



Lovejoy rigid compression couplings give you greater reliability than similarly priced cast iron couplings. These compression couplings are made from cast steel and powder-coated to resist corrosion. Easy to install and remove, they provide a strong, durable connection between two shafts of the same size.

Available in standard sizes for shafts 1 7/16" through 5".



INDUSTRY

Steel, Paper, Food, Wastewater, Transportation, Lumber, Mining and Construction

APPLICATIONS

Conveyors, Motors, Line Shafts, and Rigid Shaft Connections

Rigid Compression Couplings

Product Performance and Dimensional Data

PART #	BORE Size (in)	Keyway Width (in)	T (in)	OD		Length		Assembly Bolts		wt.		Torque Rating	
	Tolerance (-0/+0.005)*	Tolerance (-0/+0.003)**	Tolerance (-0/+0.01)	mm	in.	mm	in.	#	bolt size	kg	lbs.	(in-lbs)	(Nm)
GD107	1 7/16	0.375	1.625	114.3	4.50	157.18	6.188	4	1/2"	6.6	14.5	3499	395
GD108	1 1/2	0.375	1.688	114.3	4.50	157.18	6.188	4	1/2"	6.4	14.0	3976	449
GD115	1 15/16	0.5	2.188	133.4	5.25	203.20	8.000	4	1/2"	10.2	22.5	8569	968
GD200	2	0.5	2.253	133.4	5.25	203.20	8.000	4	1/2"	10.0	22.0	9425	1065
GD203	2 3/16	0.5	2.437	152.4	6.00	219.08	8.625	4	5/8"	13.9	30.5	12332	1393
GD204	2 1/4	0.5	2.507	152.4	6.00	219.08	8.625	4	5/8"	13.6	30.0	13419	1516
GD207	2 7/16	0.625	2.75	158.8	6.25	246.08	9.688	6	5/8"	20.5	45.0	17061	1928
GD208	2 1/2	0.625	2.808	158.8	6.25	246.08	9.688	6	5/8"	20.0	44.0	18408	2080
GD215	2 15/16	0.75	3.313	184.2	7.25	288.93	11.375	6	3/4"	30.5	67.0	29862	3374
GD300	3*	0.75	3.362	184.2	7.25	288.93	11.375	6	3/4"	29.5	65.0	31809	3594
GD307	3 7/16	0.875	3.875	215.9	8.50	334.98	13.188	6	7/8"	47.3	104.0	47853	5407
GD308	3 1/2	0.875	3.917	215.9	8.50	334.98	13.188	6	7/8"	45.9	101.0	50511	5707
GD315	3 15//16	1	4.438	247.7	9.75	387.35	15.250	6	1"	70.9	156.0	71919	8126
GD400	4	1	4.501	247.7	9.75	387.35	15.250	6	1"	69.1	152.0	75398	8520
GD407	4 7/16	1	4.938	260.4	10.25	461.98	18.188	6	1 1/8"	87.3	192.0	102943	11632
GD408	4 1/2	1	4.979	260.4	10.25	461.98	18.188	6	1 1/8"	85.0	187.0	107354	12130
GD415	4 15/16	1.25**	5.539	285.8	11.25	498.60	19.630	6	1 1/8"	106.8	235.0	141809	16024
GD500	5	1.25**	5.591	285.8	11.25	498.60	19.630	6	1 1/8"	104.5	230.0	147262	16640

Notes:

* Bore tolerance for GD300 is -0/+0.01

**Keyway tolerance for GD415 is -0/0.004 and Keyway tolerance for GD500 is 0.

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ISO 9001 Certified