



Gear Type Wedgard Couplings can be supplied bored and keyed to customer requirements.

All Couplings manufactured to AGMA standards.

Standard Units for release torques up to 286,800 Nm. Torque is adjustable by Wedgepin ratings.

Designs to suit special drive requirements are available.

Maximum Speed 500 RPM.

For speeds greater than 500 RPM units should be balanced.

All dimensions in mm unless otherwise shown.

All figures are approximate.

Size		1	1 ½	2	2 ½	3	3 ½	4	4 ½	5	5 ½	6	7
Max Release/Shear (ft-lbs)	Brass	2508	6343	7228	8629	19545	22938	25962	–	–	–	–	–
	Steel	3467	8777	9883	11875	26921	31568	35624	76928	87475	99202	155847	211533
Nominal Drive Torque (ft-lbs)		814	1625	2675	4725	8000	12,583	20,000	26,250	37,250	48,583	63,000	97,166
Wedgeslot Quantity		4 x	4 x	4 x	4 x	4 x	4 x	4 x	4 x	4 x	4 x	6 x	8 x
Wedgepin Type		W37	W50	W50	W50	W75	W75	W75	W100	W100	W100	W100	W120
Pin Working Radius (PWR)		2.343	2.933	3.425	4.114	4.547	5.335	6.024	6.476	7.362	8.346	8.74	10.039
Unbalanced Speed (RPM)		4320	3520	3320	3070	2860	2530	2270	2060	1860	1740	1530	1260
Max Bore (Gear Coupling Hubs)		1.654	2.244	2.874	3.74	4.331	5	5.906	6.535	7.323	8.11	9.055	10.827
Outside Diameter (A)		4.921	6.299	7.283	8.661	9.843	11.417	12.795	13.976	15.748	17.717	18.504	21.26
Clearance Diameter (C)		5.709	7.48	8.268	9.646	11.417	12.992	14.173	15.354	17.323	19.291	20.079	23.425
Spacer Length (L)		2.126	2.913	2.913	2.913	4.094	4.094	4.094	4.094	4.921	4.921	4.921	4.921
Overall Length (L1)		5.63	6.929	7.913	9.173	11.476	12.736	13.839	15.039	17.283	18.504	20.039	22.677
Shaft Gap (D)		2.26	3.05	3.05	3.11	4.3	4.3	4.3	4.4	5.23	5.23	5.23	5.3
Bolt Fixing Quantity		6 x	8 x	6 x	6 x	8 x	8 x	8 x	10 x	8 x	14 x	14 x	16 x
Bolt Fixing Size (UNF)		1/4"	3/8"	1/2"	5/8"	5/8"	3/4"	3/4"	3/4"	7/8"	7/8"	7/8"	1"
Flange Bolt P.C.D.		3.75	4.813	5.875	7.125	8.125	9.5	11	12	13.5	14.5	15.75	18.25
Cartridge Weight (lbs) Approx		10	21	28	41	73	99	128	154	233	293	321	438
Incl Gear Coupling (lbs) Approx		19	38.5	58	100	154	231	328	423	622	758	970	1429

*All figures are approximate.

*Dimensions in mm unless otherwise shown.

*Dimensions and specifications may change for improvement without notice.