



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 (in-lbs)	Brass	30093	76116	86737	103554	234545	275258	311546	–	–	–	–	–
	Steel	41599	105324	118600	142497	323052	378812	427491	923133	1049698	1190425	1870163	2538394
Nominal Drive Torque (in-lbs)		9770	19,500	32,100	56,700	96,000	151,000	240,000	315,000	447,000	583,000	756,000	1,166,000
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.