



FastTrack Lamination Baseline Sizing Chart

Lamination OD		Rotation Style	Pole Count	Estimated Continuous Torque per 1 Inch Stack Length		Estimated Peak Torque per 1 Inch Stack Length		Motor Series
Inches	Millimeters			Lb-in	N-m	Lb-in	N-m	
1.417	36.00	Inner	4	1.017	0.115	2.724	0.308	HS040
1.417	36.00	Inner	8	1.563	0.177	7.130	0.806	MT040
2.087	53.00	Inner	4	2.800	0.316	6.900	0.780	HS057
2.087	53.00	Inner	8	4.500	0.508	15.240	1.722	MT057
3.071	78.00	Inner	4	6.773	0.765	17.903	2.023	HS086
3.071	78.00	Inner	8	13.547	1.531	50.800	5.740	MT086
4.094	104.00	Inner	4	14.514	1.640	36.286	4.100	HS110
4.094	104.00	Inner	8	23.586	2.665	87.086	9.840	MT110
5.375	136.53	Inner	8	65.000	7.345	215.000	24.294	MT142

Custom Lamination Baseline Sizing Chart

Lamination OD		Rotation Style	Pole Count	Estimated Continuous Torque per 1 Inch Stack Length		Estimated Peak Torque per 1 Inch Stack Length	
Inches	Millimeters			Lb-in	N-m	Lb-in	N-m
0.748	19.00	Inner	2	0.169	0.019	0.507	0.057
1.110	28.20	Inner	4	0.552	0.062	1.656	0.187
1.799	45.70	Inner	8	2.344	0.265	7.032	0.795
1.814	46.08	Inner	6	2.268	0.256	6.804	0.769
1.840	46.74	Inner	8	3.485	0.394	10.455	1.181
2.197	55.80	Inner	8	3.898	0.440	11.694	1.321
2.375	60.33	Inner	10	5.410	0.611	16.230	1.834
2.598	66.00	Inner	6	7.914	0.894	23.742	2.683
2.921	74.19	Inner	8	12.403	1.401	37.209	4.204
9.010	228.85	Outer	40	201.988	22.824	605.964	68.471
11.500	292.10	Outer	16	576.975	65.195	1730.925	195.585
12.000	304.80	Inner	16	659.138	74.479	1977.414	223.437
15.750	400.05	Inner	32	1180.575	133.398	3541.725	400.195