



**TABLE OF GEAR TOOTH DIMENSIONS - METRIC PITCH (MODULE)**

Relation between Metric Pitch, Diametral Pitch and Circular Pitch, with Corresponding Tooth Dimensions

Module	Diametral Pitch	Circular Pitch (Inches)	Thickness On Pitch Line (Inches)	Whole Depth (Inches)	Dedendum (Inches)	Addendum (Inches)	Module	Diametral Pitch	Circular Pitch (Inches)	Thickness On Pitch Line (Inches)	Whole Depth (Inches)	Dedendum (Inches)	Addendum (Inches)
1/2	50.800	.0618	.0309	.0425	.0228	.0197	4 1/2	5.644	.5566	.2783	.3822	.2050	.1772
3/4	33.867	.0927	.0464	.0637	.0342	.0295	5	5.080	.6184	.3092	.4246	.2278	.1969
1	25.400	.1236	.0618	.0849	.0456	.0394	5 1/2	4.618	.6802	.3402	.4671	.2506	.2165
1 1/4	20.320	.1546	.0773	.1062	.0569	.0492	6	4.233	.7421	.3710	.5096	.2734	.2362
1 1/2	16.933	.1855	.0928	.1274	.0683	.0591	7	3.628	.8659	.4329	.5946	.3189	.2756
1 3/4	14.514	.2164	.1082	.1486	.0797	.0689	8	3.175	.9894	.4947	.6794	.3644	.3150
2	12.700	.2473	.1237	.1699	.0911	.0787	9	2.822	1.1132	.5566	.7644	.4100	.3544
2 1/4	11.288	.2783	.1392	.1911	.1025	.0886	10	2.540	1.2368	.6184	.8493	.4556	.3937
2 1/2	10.160	.3092	.1546	.2123	.1139	.0984	11	2.309	1.3605	.6803	.9342	.5011	.4331
2 3/4	9.236	.3401	.1701	.2336	.1253	.1083	12	2.117	1.4839	.7420	1.0189	.5466	.4724
3	8.466	.3710	.1855	.2548	.1367	.1181	14	1.814	1.7318	.8659	1.1891	.6379	.5513
3 1/2	7.257	.4329	.2165	.2972	.1594	.1378	16	1.587	1.9795	.9898	1.3592	.7291	.6301
4	6.350	.4947	.2474	.3397	.1822	.1575	18	1.411	2.2263	1.1132	1.5354	.8267	.7086

The Metric Module is the Pitch Diameter in Millimeters divided by the number of teeth in the gear.

These dimensions are for general informational use only. They will vary based on manufacturing methods or other requirements.

Please contact us for assistance with any specific product dimension questions or needs you may have.

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**Gear Company**