



7 齿轮的齿距比较表

周节	齿距		模数 <i>m</i>	周节	齿距		模数 <i>m</i>	周节	齿距		模数 <i>m</i>
	英制单位	国际单位			英制单位	国际单位			英制单位	国际单位	
1	3.1416	79.796	25.4000	2.9568	1 1/16	26.988	8.5904	10.0531	3/16	7.938	2.5266
1.0053	3 1/4	79.375	25.2658	3	1.0472	26.599	8.4667	10.16	.3092	7.854	2.5
1.0160	3.0921	78.540	25	3.0691	1.0236	26	8.2761	10.6395	.2953	7.5	2.3873
1.0472	3	76.200	24.2550	3.1416	1	25.4	8.0851	11	.2856	7.254	2.3091
1.0583	2.9684	75.398	24	3.175	.9895	25.133	8	11.2889	.2783	7.069	2.25
1.0640	2.9528	75	23.8732	3.1919	.9843	25	7.9577	11.3995	.2756	7	2.2282
1.0927	2 3/4	73.025	23.2446	3.25	.9666	24.553	7.8154	12	.2618	6.650	2.1167
1.1399	2.7559	70	22.2817	3.3249	.9449	24	7.6394	12.2764	.2559	6.5	2.0690
1.1424	2 3/4	69.850	22.2339	3.3510	3/16	23.813	7.5798	12.5664	1/4	6.35	2.0213
1.1545	2.7211	69.115	22	3.5	.8976	22.799	7.2571	12.7	.2474	6.283	2
1.1968	2 3/4	66.675	21.2233	3.5904	3/8	22.225	7.0744	13	.2417	6.138	1.9538
1.2276	2.5591	65	20.6901	3.6271	.8661	22	7.0028	13.2994	.2362	6	1.9099
1.25	2.5133	63.837	20.3200	3.6286	.8658	21.991	7	14	.2244	5.700	1.8143
1.2566	2 1/2	63.500	20.2127	3.75	.8378	21.279	6.7733	14.5084	.2165	5.5	1.7507
1.27	2.4737	62.832	20	3.8666	3/16	20.638	6.5691	14.5143	.2164	5.498	1.75
1.3228	2 3/4	60.325	19.2020	3.9898	.7874	20	6.3662	15	.2094	5.320	1.6933
1.3299	2.3622	60	19.0986	4	.7854	19.949	6.3500	15.9593	.1969	5	1.5915
1.3963	2 1/4	57.150	18.1914	4.1888	3/4	19.05	6.0638	16	.1963	4.987	1.5875
1.4111	2.2263	56.549	18	4.1998	.7480	19	6.0479	16.7552	3/16	4.763	1.5160
1.4508	2.1654	55	17.5070	4.2333	.7421	18.850	6	16.9333	.1855	4.712	1.5
1.4784	2 1/4	53.975	17.1808	4.4331	.7087	18	5.7296	17.7325	.1772	4.5	1.4324
1.5	2.0944	53.198	16.9333	4.5	.6981	17.733	5.6444	18	.1745	4.433	1.4111
1.5708	2	50.8	16.1701	4.5696	3/16	17.463	5.5585	19.9491	.1575	4	1.2732
1.5875	1.9790	50.265	16	4.6182	.6803	17.279	5.5	20	.1571	3.990	1.27
1.5959	1.9685	50	15.9155	4.6939	.6693	17	5.4113	20.32	.1546	3.927	1.25
1.6755	1 3/4	47.625	15.1595	4.9873	.6299	16	5.0930	22	.1428	3.627	1.1545
1.6933	1.8553	47.124	15	5	.6283	15.959	5.0800	22.7990	.1378	3.5	1.1141
1.75	1.7952	45.598	14.5143	5.0265	3/8	15.875	5.0532	23	.1366	3.469	1.1043
1.7733	1.7717	45	14.3239	5.08	.6184	15.708	5	24	.1309	3.325	1.0583
1.7952	1 3/4	44.45	14.1489	5.3198	.5906	15	4.7746	25	.1257	3.192	1.016
1.8143	1.7316	43.982	14	5.5	.5712	14.508	4.6182	25.1327	3/8	3.175	1.0106
1.9333	1 3/4	41.275	13.1382	5.5851	3/16	14.288	4.5479	25.4	.1237	3.142	1
1.9538	1.6079	40.841	13	5.6444	.5566	14.137	4.5	26	.1208	3.069	.9769
1.9949	1.5748	40	12.7324	5.6997	.5512	14	4.4563	26.5988	.1181	3	.9549
2	1.5708	39.898	12.7000	6	.5236	13.299	4.2333	28	.1122	2.850	.9071
2.0944	1 1/2	38.1	12.1276	6.1382	.5118	13	4.1380	29	.1083	2.752	.8759
2.0999	1.4961	38	12.0958	6.2832	1/2	12.7	4.0425	30	.1047	2.660	.8467
2.1167	1.4842	37.699	12	6.35	.4947	12.566	4	31.75	.0989	2.513	.8
2.1855	1 1/4	36.513	11.6223	6.5	.4833	12.276	3.9077	31.9186	.0984	2.5	.7958
2.2166	1.4173	36	11.4592	6.6497	.4724	12	3.8197	32	.0982	2.494	.7938
2.25	1.3963	35.465	11.2889	7	.4488	11.399	3.6286	33.8667	.0928	2.356	.75
2.2848	1 3/4	34.925	11.1170	7.1808	3/16	11.113	3.5372	34	.0924	2.347	.7471
2.3091	1.3606	34.559	11	7.2542	.4331	11	3.5014	36	.0873	2.217	.7056
2.3470	1.3386	34	10.8225	7.2571	.4329	10.996	3.5	38	.0827	2.100	.6684
2.3936	1 3/16	33.338	10.6117	7.9796	.3937	10	3.1831	39.8982	.0787	2	.6366
2.4936	1.2598	32	10.1859	8	.3927	9.975	3.175	40	.0785	1.995	.635
2.5	1.2566	31.919	10.1600	8.3776	3/8	9.525	3.0319	45	.0698	1.773	.5644
2.5133	1 1/4	31.750	10.1063	8.3996	.3740	9.5	3.0239	50	.0628	1.596	.5080
2.54	1.2369	31.416	10	8.4667	.3711	9.425	3	50.2655	3/16	1.588	.5053
2.6456	1 3/16	30.163	9.6010	8.8663	.3543	9	2.8648	50.8	.0618	1.571	.5
2.6599	1.1811	30	9.5493	9	.3491	8.866	2.8222	53.1976	.0591	1.5	.4775
2.75	1.1424	29.017	9.2364	9.2364	.3401	8.639	2.75	63.5	.0495	1.256	.4
2.7925	1 1/4	28.575	9.0957	9.3878	.3346	8.5	2.7056	79.7965	.0394	1	.3183
2.8222	1.1132	28.274	9	9.9746	.3150	8	2.5465	84.6667	.0371	.942	.3
2.8499	1.1024	28	8.9127	10	.3142	7.980	2.54	127	.0247	.628	.2