

1340GT Gear Chart				A	A	A	A	A	A	A	A	B	B	B	B	B	B	B	C	C	C	C	C	C	C	C	D	D	D	D	D	D	E	E	E	E	E	E	E					
Metric Threads				1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	
TPI				4	4.5	4.75	5	5.5	6	6.5	8	8	9	9.5	10	11	12	13	14	16	18	19	20	22	24	26	28	32	36	38	40	44	48	52	56	64	72	76	80	88	96	104	112	
Thread to thread in.				0.2500	0.2222	0.2105	0.2000	0.1818	0.1667	0.1538	0.1429	0.1250	0.1111	0.1053	0.1000	0.0909	0.0833	0.0769	0.0714	0.0625	0.0556	0.0526	0.0500	0.0455	0.0417	0.0385	0.0357	0.0313	0.0278	0.0263	0.0250	0.0227	0.0208	0.0192	0.0179	0.0156	0.0139	0.0132	0.0125	0.0114	0.0104	0.0096	0.0089	
Thread to thread mm				6.350	5.644	5.347	5.080	4.618	4.233	3.908	3.629	3.175	2.822	2.674	2.540	2.309	2.117	1.954	1.814	1.588	1.411	1.337	1.270	1.155	1.058	0.977	0.907	0.794	0.706	0.668	0.635	0.577	0.529	0.488	0.454	0.397	0.353	0.334	0.318	0.289	0.265	0.244	0.227	
Gear Ratios		Revolutions	Final Ratio																																									
40	127	0.3150																																										
127	40	3.1750	1.0000																																									
Metric Ratios																																												
40	127	0.3150	0.9449	TPI	3.780	4.252	4.488	4.724	5.197	5.669	6.142	6.614	7.559	8.504	8.976	9.449	10.394	11.339	12.283	13.228	15.118	17.008	17.953	18.898	20.787	22.677	24.567	26.457	30.236	34.016	35.906	37.795	41.575	45.354	49.134	52.913	60.472	68.031	71.811	75.591	83.150	90.709	98.268	105.827
120	40	3.0000		Thread to thread mm	6.000	5.333	5.053	4.800	4.364	4.000	3.692	3.429	3.000	2.667	2.526	2.400	2.182	2.000	1.846	1.714	1.588	1.333	1.263	1.200	1.091	1.000	0.923	0.857	0.750	0.667	0.632	0.600	0.545	0.500	0.462	0.429	0.375	0.333	0.316	0.300	0.273	0.250	0.231	0.214
40	127	0.3150	1.1811	TPI	4.724	5.315	5.610	5.906	6.496	7.087	7.677	8.268	9.449	10.630	11.220	11.811	12.992	14.173	15.354	16.535	18.898	21.260	22.441	23.622	25.984	28.346	30.709	33.071	37.795	42.520	44.882	47.244	51.969	56.693	61.417	66.142	75.591	85.039	89.764	94.488	103.937	113.386	122.835	132.283
120	32	3.7500		Thread to thread mm	7.500	6.667	6.316	6.000	5.455	5.000	4.615	4.286	3.750	3.333	3.158	3.000	2.727	2.500	2.308	2.143	1.875	1.667	1.579	1.500	1.364	1.250	1.154	1.071	0.938	0.833	0.789	0.682	0.625	0.577	0.536	0.469	0.417	0.395	0.375	0.341	0.313	0.288	0.268	
40	127	0.3150	1.2598	TPI	5.039	5.669	5.984	6.299	6.929	7.559	8.189	8.819	10.079	11.339	11.969	12.598	13.858	15.118	16.378	17.638	20.157	22.677	23.937	25.197	27.717	30.236	32.756	35.276	40.315	45.354	55.433	60.472	65.512	70.551	80.630	90.709	95.748	100.787	110.866	120.945	131.024	141.102		
120	30	4.0000		Thread to thread mm	8.000	7.111	6.737	6.400	5.818	5.333	4.923	4.571	4.000	3.556	3.368	3.200	2.909	2.667	2.462	2.286	2.000	1.778	1.684	1.600	1.455	1.333	1.231	1.143	1.000	0.889	0.842	0.800	0.727	0.667	0.615	0.571	0.500	0.444	0.421	0.400	0.364	0.333	0.308	0.286
32	127	0.2520	0.7559	TPI	3.024	3.402	3.591	3.780	4.157	4.535	4.913	5.291	6.047	6.803	7.181	7.559	8.315	9.071	9.827	10.583	12.094	13.606	14.362	15.118	16.630	18.142	19.654	21.165	24.189	27.213	28.724	30.236	33.260	36.283	39.307	42.331	48.378	54.425	57.449	60.472	66.520	72.567	78.614	84.661
120	40	3.0000		Thread to thread mm	4.800	4.267	4.042	3.840	3.491	3.200	2.954	2.743	2.400	2.133	2.021	1.920	1.745	1.600	1.477	1.371	1.200	1.067	1.011	0.960	0.873	0.800	0.738	0.686	0.600	0.533	0.505	0.480	0.436	0.400	0.369	0.343	0.309	0.274	0.253	0.240	0.218	0.200	0.185	0.171
32	127	0.2520	1.0079	TPI	4.031	4.535	4.787	5.039	5.543	6.047	6.551	7.055	8.063	9.071	9.575	10.079	11.087	12.094	13.102	14.110	16.126	18.142	19.150	20.157	22.173	24.189	26.205	28.220	32.252	36.283	38.299	40.315	44.346	48.378	52.409	56.441	64.504	72.567	76.598	80.630	88.693	96.756	104.819	112.882
120	30	4.0000		Thread to thread mm	6.400	5.689	5.389	5.120	4.655	4.267	3.938	3.657	3.200	2.844	2.695	2.560	2.327	2.133	1.969	1.829	1.600	1.422	1.347	1.280	1.164	1.067	0.985	0.914	0.800	0.711	0.674	0.640	0.582	0.533	0.492	0.457	0.400	0.356	0.337	0.320	0.291	0.267	0.246	0.229
30	127	0.2362	0.7087	TPI	2.835	3.189	3.366	3.543	3.898	4.252	4.606	4.961	5.669	6.378	6.732	7.087	7.795	8.504	9.213	9.921	11.339	12.756	13.465	14.173	15.591	17.008	18.425	19.843	22.677	25.512	26.929	28.346	31.181	34.016	36.850	39.685	45.354	51.024	53.858	56.693	62.362	68.031	73.701	79.370
120	40	3.0000		Thread to thread mm	4.500	4.000	3.789	3.600	3.273	3.000	2.769	2.571	2.250	2.000	1.895	1.800	1.636	1.500	1.385	1.286	1.125	1.000	0.947	0.900	0.818	0.750	0.692	0.643	0.563	0.563	0.505	0.474	0.450	0.409	0.375	0.346	0.321	0.281	0.250	0.237	0.225	0.205	0.188	0.173
30	127	0.2362	0.8858	TPI	3.543	3.986	4.208	4.429	4.872	5.315	5.758	6.201	7.087	7.972	8.415	8.858	9.744	10.630	11.516	12.402	14.173	15.945	16.831	17.717	19.488	21.260	23.031	24.803	28.346	31.890	33.661	35.433	38.976	42.520	46.063	49.606	56.693	63.780	67.323	70.866	77.953	85.039	92.126	99.213
120	32	3.7500		Thread to thread mm	5.625	5.000	4.737	4.500	4.091	3.750	3.462	3.214	2.813	2.500	2.368	2.250	2.045	1.875	1.731	1.607	1.406	1.250	1.184	1.125	1.023	0.938	0.865	0.804	0.703	0.625	0.592	0.563	0.511	0.469	0.433	0.402	0.352	0.313	0.296	0.281	0.256	0.234	0.216	0.201
35T and 60T not stock gears.																																												
35	127	0.2756	0.5512	TPI	2.205	2.480	2.618	2.756	3.031	3.307	3.583	3.858	4.409	4.961	5.236	5.512	6.063	6.614	7.165	7.717	8.819	9.921	10.472	11.024	12.126	13.228	14.331	15.433	17.638	19.843	20.945	22.047	24.252	26.457	28.661	30.866	35.276	39.685	41.890	44.094	48.504	52.913	57.323	61.732
120	60	2.0000		Thread to thread mm	3.500	3.111	2.947	2.800	2.545	2.333	2.154	2.000	1.750	1.556	1.474	1.400	1.273	1.167	1.077	0.875	0.778	0.737	0.700	0.636	0.583	0.538	0.538	0.500	0.438	0.389	0.368	0.350	0.318	0.292	0.269	0.250	0.219	0.194	0.184	0.175	0.159	0.146	0.135	0.125
Metric Ratios																																												
40	120	0.3333	1.0583	TPI	4.233	4.7625	5.0271	5.2917	5.8208	6.3500	6.8792	7.4083	8.4667	9.5250	10.0542	10.5833	11.6417	12.7000	13.7583	14.8167	16.9333	19.0500	20.1083	21.1667	23.2833	25.4000	27.5167	29.6333	33.8667	38.1000	40.2167	42.3333	46.5667	50.8000	55.0333	59.2667	67.7333	76.2000	80.4333	84.6667	93.1333	101.6000	110.0667	118.5333
127	40	3.1750		Thread to thread mm	6.720	5.9737	5.6593	5.3763	4.8876	4.4803	4.1356	3.8402	3.3602	2.9869	2.8296	2.6882	2.4438	2.2401	2.0678	1.9201	1.6801	1.4934	1.4148	1.3441	1.2219	1.1201	1.0339	0.9601	0.8401	0.7467	0.7074	0.6720	0.6109	0.5600	0.5170	0.4800	0.4200	0.3734	0.3537	0.3360	0.3055	0.2800	0.2585	0.2400
40	120	0.3333	1.3229	TPI	5.292	5.9531	6.2839	6.6146	7.2760	7.9375	8.5990	9.2604	10.5833	11.9063	12.5677	13.2292	14.5521	15.8750	17.1979	18.5208	21.1667	23.8125	25.1354	26.4583	29.1042	31.7500	34.3958	37.0417	42.3333	47.6250	50.2708	52.9167	58.2083	63.5000	68.7917	74.0833	84.6667	95.2500	100.5417	105.8333	116.4167	127.0000	137.5833	148.1667
127	32	3.9688		Thread to thread mm	8.401	7.4671	7.0741	6.7204	6.1095	5.7935	5.1696	4.8003	4.4003	4.0003	3.7336	3.5371	3.3602	3.0000	2.5848	2.4001	2.1001	1.8668	1.7685	1.6801	1.5274	1.4001	1.2924	1.2001	1.0501	0.9324	0.8434	0.7637	0.6603	0.6462	0.6000	0.5400	0.4978	0.4716	0.4480	0.4073	0.3734	0.3446	0.3200	
40	120	0.3333	1.4111	TPI	5.644	6.3500	6.7028	7.0556	7.7611	8.4667	9.1722	9.8778	11.2889	12.7000	13.4056	14.1111	15.5222	16.9333	18.3444	19.7556	22.5778	25.4000	26.8111	28.2222	31.0444	33.8667	36.6889	39.5111	45.1556	50.8000	53.6222	56.4444	62.0889	67.7333	73.3778	79.0222	90.3111	101.6000	107.2444	112.8889	124.1778	135.4667	146.7556	158.0444
127	30	4.2333		Thread to thread mm	8.961	7.9649	7.5457	7.1684	6.5168	5.9737	5.5142	5.1203	4.6803	4.3023	3.7729	3.5842	3.2584	2.9869	2.7051	2.5602	2.2401	1.9912	1.8864	1.7921	1.6292	1.4934	1.3785	1.2801	1.1201	0.9956	0.9432	0.8961	0.8146	0.7467	0.6893	0.6400	0.5860	0.4978	0.4716	0.4480	0.4073	0.3734	0.3446	0.3200
32	120	0.2667	0.8467	TPI	3.387	3.8100	4.0217	4.2333	4.65673																																			

PM 1340GT Gear Chart

Imperial Threads

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