

PM 1340GT Gear Chart

Metric Threads

1340GT Gear Chart			A		A		A		A		A		A		A		A		B		B		B		B		B		B		C		C		C		C		C		D		D		D		D		E		E		E		E		E																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Metric Threads			1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Throat to throat 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	0.0105	0.0096	0.0089																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Throat 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			40	127																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										

Metric Threads - Coarse Thread Pitches

Metric Threads - Fine Thread Pitches

Size - Nominal Diameter	Pitch ¹⁾	Clearance Drill	Tap Drill	Size - Nominal Diameter	Pitch ¹⁾	Tap Drill	Size -	Pitch ¹⁾	Tap Drill	
							Nominal Diameter			
(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	
M 1.60	0.35	1.8	1.25	M 1.0 x 0.2	0.2	0.8	M 12 x 1		1	11
M 2.00	0.4	2.4	1.6	M 1.1 x 0.2	0.2	0.9	M 12 x 1.25		1.25	10.8
M 2.50	0.45	2.9	2	M 1.2 x 0.2	0.2	1	M 12 x 1.5		1.5	10.5
M 3.00	0.5	3.4	2.5	M 1.4 x 0.2	0.2	1.2	M 14 x 1.0		1	13
M 3.50	0.6	3.9	2.9	M 1.6 x 0.2	0.2	1.4	M 14 x 1.25		1.25	12.8
M 4.00	0.7	4.5	3.3	M 1.8 x 0.2	0.2	1.6	M 14 x 1.5		1.5	12.5
M 5.00	0.8	5.5	4.2	M 2 x 0.25	0.25	1.75	M 15 x 1		1	14
M 6.00	1	6.6	5	M 2.2 x 0.25	0.25	1.95	M 15 x 1.5		1.5	13.5
M 8.00	1.25	9	6.8	M 2.5 x 0.35	0.35	2.1	M 16 x 1		1	15
M 10.00	1.5	12	8.5	M 3 x 0.35	0.35	2.6	M 16 x 1.5		1.5	14.5
M 12.00	1.75	14	10.2	M 3.5 x 0.35	0.35	3.1	M 17 x 1.0		1	16
M 14.00	2	16	12	M 4 x 0.5	0.5	3.5	M 17 x 1.5		1.5	15.5
M 16.00	2	18	14	M 4.5 x 0.5	0.5	4	M 18 x 1.0		1	17
M 20.00	2.5	22	17.5	M 5 x 0.5	0.5	4.5	M 18 x 1.5		1.5	16.5
M 22.00	2.5	25	19.5	M 5.5 x 0.5	0.5	5	M 18 x 2.0		2	16
M 24.00	3	27	21	M 6 x 0.75	0.75	5.2	M 20 x 1.0		1	19
M 27.00	3	30	24	M 7 x 0.75	0.75	6.2	M 20 x 1.5		1.5	18.5
M 30.00	3.5	33	26.5	M 8 x 0.75	0.75	7.2	M 20 x 2.0		2	18
M 36.00	4	40	32	M 8 x 1.0	1	7	M 22 x 1.0		1	21
M 42.00	4.5	46	37.5	M 9 x 0.75	0.75	8.2	M 22 x 1.5		1.5	20.5
M 48.00	5	53	43	M 9 x 1	1	8	M 22 x 2.0		2	20
M 56.00	5.5	62	50.5	M 10 x 0.75	0.75	9.2	M 24 x 1.0		1	23
M 64.00	6	70	58	M 10 x 1	1	9	M 24 x 1.5		1.5	22.5
M 68.00	6	74	62	M 10 x 1.25	1.25	8.8	M 24 x 2.0		2	22
				M 11 x 0.75	0.75	10.2	M 25 x 1.0		1	24
				M 11 x 0.75	0.75	10.2	M 25 x 1.5		1.5	23.5
				M 11 x 1	1	10	M 25 x 2.0		2	23

PM 1340GT Gear Chart

Imperial Threads

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	D	D	D	D	D	D	E	E	E	E	E	E	E												
Imperial Threads				TPI	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	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
Throat 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	0.0096	0.0089	0.0089					
Throat 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																																																
127		40		1.0000																																														
Metric Ratios																																																		
40		120		1.0000																																														
120		40		1.0000																																														
40		120		1.1429																																														
120		35		1.1429																																														
40		120		1.2500																																														
120		32		1.2500																																														
40		120		1.3333																																														
120		30		1.3333																																														
35		120		0.8750																																														
120		40		0.8750																																														
35		120		1.0938																																														
120		32		1.0938																																														
35		120		1.1667																																														
120		30		1.1667																																														
32		120		0.8000																																														
120		40		0.8000																																														
32		120		0.9143																																														
120		35		0.9143																																														
32		120		1.0667																																														
120		30		1.0667																																														
30		120		0.7500																																														
120		40		0.7500																																														
30		120		0.8571																																														
120		35		0.8571																																														
30		120		0.9375																																														
120		32		0.9375																																														