

PM1340 Metric Threading Capabilities - as delivered with 120/127 main gear, 30, 32 and 40 smaller gears

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Metric Pitch	Available With Stock Gear Set	Available Inverting 120/127 Gear If That's Possible	Where Used		Gear Configuration		Gear Box Settings		Metric Pitch
			Metric Coarse	Metric Fine	Upper Pair	Lower Pair	Letter	Number	
0.2	Yes			M1.0 to M1.8	30/127	120/32	E	8	0.2
0.25	Yes			M2.0 , M2.2	40/127	120/40	E	6	0.25
0.35	No	Yes **	M1.6 x 0.35	M2.5 , M3 , 3.5	40/120 **	127/32	E	6	0.35
0.4	Yes		M2.0 x 0.4		32/127	120/40	D	6	0.4
0.45	No	Yes **	M2.5 x 0.45		30/120 **	127/32	D	8	0.45
0.5	Yes		M3 x 0.5	M4 to M5.5	40/127	120/40	D	6	0.5
0.6	Yes		M3.5 x 0.6		32/127	120/40	D	1	0.6
0.7	No	Yes **	M4 x 0.7		40/120 **	127/32	D	6	0.7
0.75	Yes			M6, M7, M8	40/127	120/40	D	1	0.75
0.8	Yes		M5 x 0.8		32/127	120/40	C	6	0.8
1	Yes		M6 x 1.0	M8 to M11 x 1.0	40/127	120/40	C	6	1
1.25	Yes		M8 x 1.25	M10 x 1.25	30/127	120/32	C	2	1.25
1.5	Yes		M10 x 1.5		40/127	120/40	C	1	1.5
1.75	1.745 *		M12 x 1.75		32/127	120/40	B	5	1.75
2	Yes		M14 & M16 x 2.0		40/127	120/40	B	6	2
2.5	Yes		M20 & M22 x 2.5		30/127	120/32	B	2	2.5
3	Yes		M24 & M 27 x 3		40/127	120/40	B	1	3
3.5	No	No	M30 x 3.5		Not available				3.5
4	Yes		M36 x 4		40/127	120/40	A	6	4
4.5	Yes		M42 x 4.5		30/127	120/32	A	4	4.5
5	Yes		M48 x 5		40/127	120/32	A	6	5
5.5	No	No	M56 x 5.5		Not available				5.5
6	Yes		M64 & M68 x 6		40/127	120/40	A	1	6

* An absolutely precise 1.75mm pitch is only available with a special order gear from Precision Matthews. 1.745 is probably accurate enough for general use.

** Reversing the larger 120/127 gear may require spacer or bushing to ensure clearance and proper alignment with smaller threading gears.