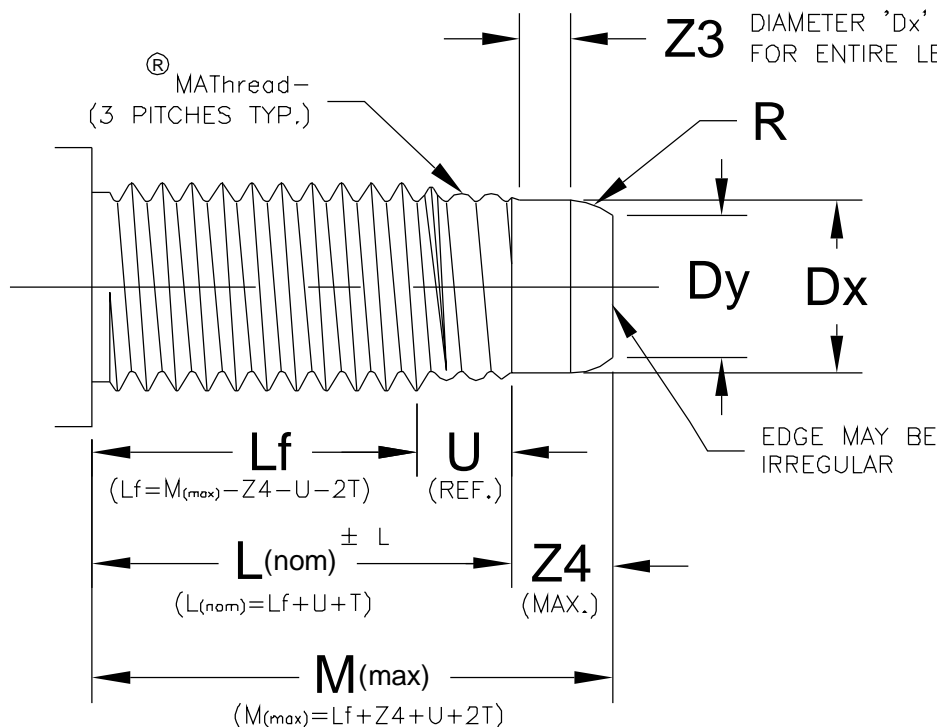


Description: **TYPE 'P' POINT - LONG**

Thread Type: **METRIC - FINE**



NOTE:

- 'M' IS THE MAXIMUM OVERALL LENGTH. DO NOT LIST A MINIMUM.
- 'Lf' = REQUIRED MINIMUM FULL THREAD LENGTH. 'Lf' DIMENSION MUST BE ON FINISHED PART DRAWING.
- POINT RADIUS (R) MUST BE TANGENT TO DOG POINT.
- DIMENSION 'L' IS MEASURED TO THE POINT ON THE LEAD THREAD WHERE THE THREAD PROFILE FIRST EXCEEDS .20 x PITCH IN HEIGHT (MEASURED FROM THE THREAD ROOT)
- DO NOT CHANGE DIMENSIONS 'Z3' OR 'Dx' WITHOUT CONSULTING WITH MATHread Inc.

6. T = 0.25

THREAD SIZE & PITCH	POINT LENGTH (REF.) U	DOG POINT DIAMETER Dx	TIP DIA. (MAX.) Dy	POINT RADIUS (MIN.) R	STR. LENG. (MIN.) Z3	POINT LENG. (MAX.) Z4
M8 x 1.0	3.4	6.70 / 6.81	5.7	1.9	2.2	4.1
M10 x 1.25	4.2	8.37 / 8.47	7.0	2.4	2.8	5.3
M12 x 1.5	5.0	10.16 / 10.26	8.5	2.9	2.8	6.5
M14 x 1.5	5.0	12.16 / 12.26	9.8	3.7	4.6	8.5
M16 x 1.5	5.0	14.16 / 14.26	11.2	4.2	5.8	10.5

DIMENSIONS ARE IN MILLIMETERS (mm)

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