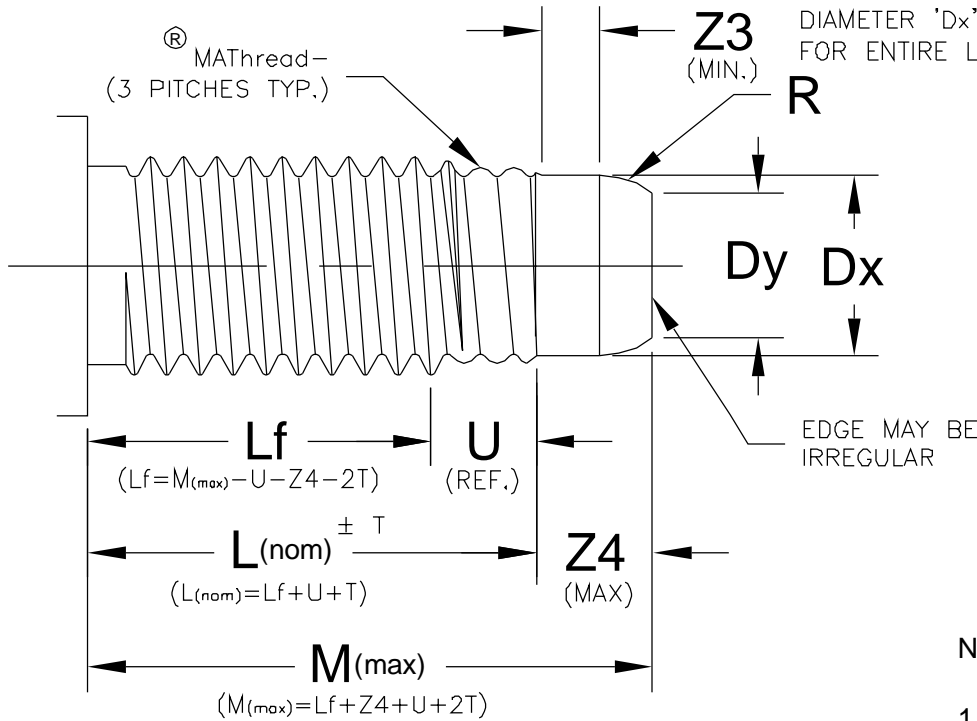


Description: **TYPE 'P' POINT - LONG**

Thread Type: **METRIC - COARSE**



DIAMETER 'Dx' MUST BE HELD FOR ENTIRE LENGTH OF 'Z3'—NO TAPER ALLOWED

EDGE MAY BE IRREGULAR

**NOTE:**

- 'M' IS THE MAXIMUM OVERALL LENGTH. DO NOT LIST A MINIMUM.
- 'L<sub>f</sub>' = REQUIRED MINIMUM FULL THREAD LENGTH. 'L<sub>f</sub>' 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.
- 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
M4 x 0.7	2.8	3.04 / 3.17	2.7	1.5	0.8	2.00
M5 x 0.8	3.0	3.92 / 4.03	3.4	1.9	1.4	2.50
M6 x 1.0	3.5	4.65 / 4.84	4.1	2.3	1.6	3.00
M8 x 1.25	4.2	6.33 / 6.56	5.4	3.0	2.3	4.30
M10 x 1.5	4.9	8.00 / 8.29	6.8	3.8	2.9	5.50
M12 x 1.75	5.9	9.68 / 10.00	8.2	4.6	3.9	6.60
M14 x 2.0	6.6	11.35 / 11.72	9.6	5.4	4.7	7.90
M16 x 2.0	6.6	13.35 / 13.72	10.9	6.0	5.9	7.90

DIMENSIONS ARE IN MILLIMETERS (mm)

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