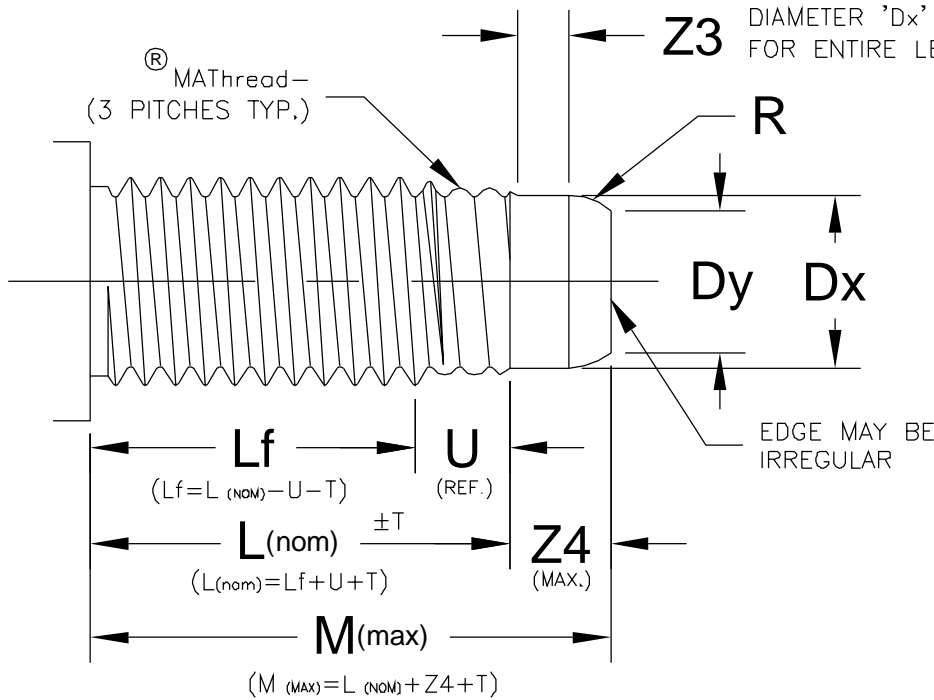


Description: **TYPE 'P' POINT - LONG**

Thread Type: **INCH - [UNF] FINE**



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.
- '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 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 = .010

THREAD SIZE & PITCH	MAT LENGTH (REF.) U	DOG POINT DIAMETER Dx	TIP DIA. (MAX.) Dy	POINT RADIUS (REF.) R	STR. LENG. (MIN.) Z3	POINT LENG. (MAX.) Z4
1/4 - 28	0.122	.204 / .208	0.174	0.08	0.090	0.150
5/16 - 24	0.142	.259 / .263	0.217	0.10	0.120	0.200
3/8 - 24	0.142	.322 / .326	0.272	0.16	0.135	0.250
7/16 - 20	0.173	.375 / .379	0.325	0.18	0.160	0.275
1/2 - 20	0.173	.438 / .442	0.365	0.21	0.190	0.338
9/16 - 18	0.191	.494 / .498	0.414	0.24	0.220	0.384
5/8 - 18	0.191	.557 / .561	0.474	0.27	0.260	0.446

DIMENSIONS ARE IN INCHES (in)

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