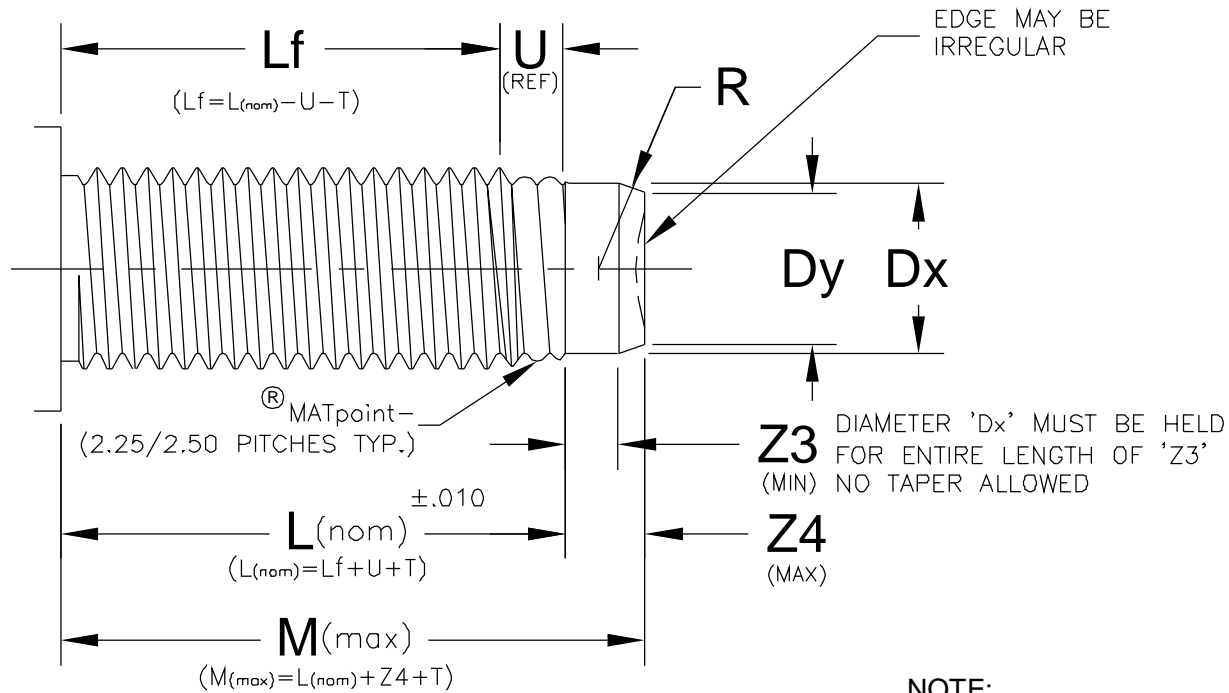


Description: **MATpoint**

Thread Type : **INCH - UNF (FINE)**



NOTE:

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

THREAD SIZE & PITCH	MAT LENGTH (REF.) U	DOG POINT DIAMETER Dx	TIP DIA. (MAX.) Dy	POINT RADIUS (MIN) R	STR. LENG. (MIN.) Z3	POINT LENG. (MAX.) Z4
1/4 - 28	.087	.204 / .208	0.174	0.11	0.062	.123
5/16 - 24	.098	.259 / .263	0.217	0.14	0.087	.162
3/8 - 24	.098	.322 / .326	0.272	0.17	0.127	.212
7/16 - 20	.113	.375 / .379	0.325	0.19	0.152	.241
1/2 - 20	.113	.438 / .442	0.365	0.23	0.182	.295
9/16 - 18	.130	.494 / .498	0.414	0.25	0.212	.313
5/8 - 18	.130	.557 / .561	0.474	0.29	0.252	.381

DIMENSIONS ARE IN INCHES (in)

5. T = .010

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