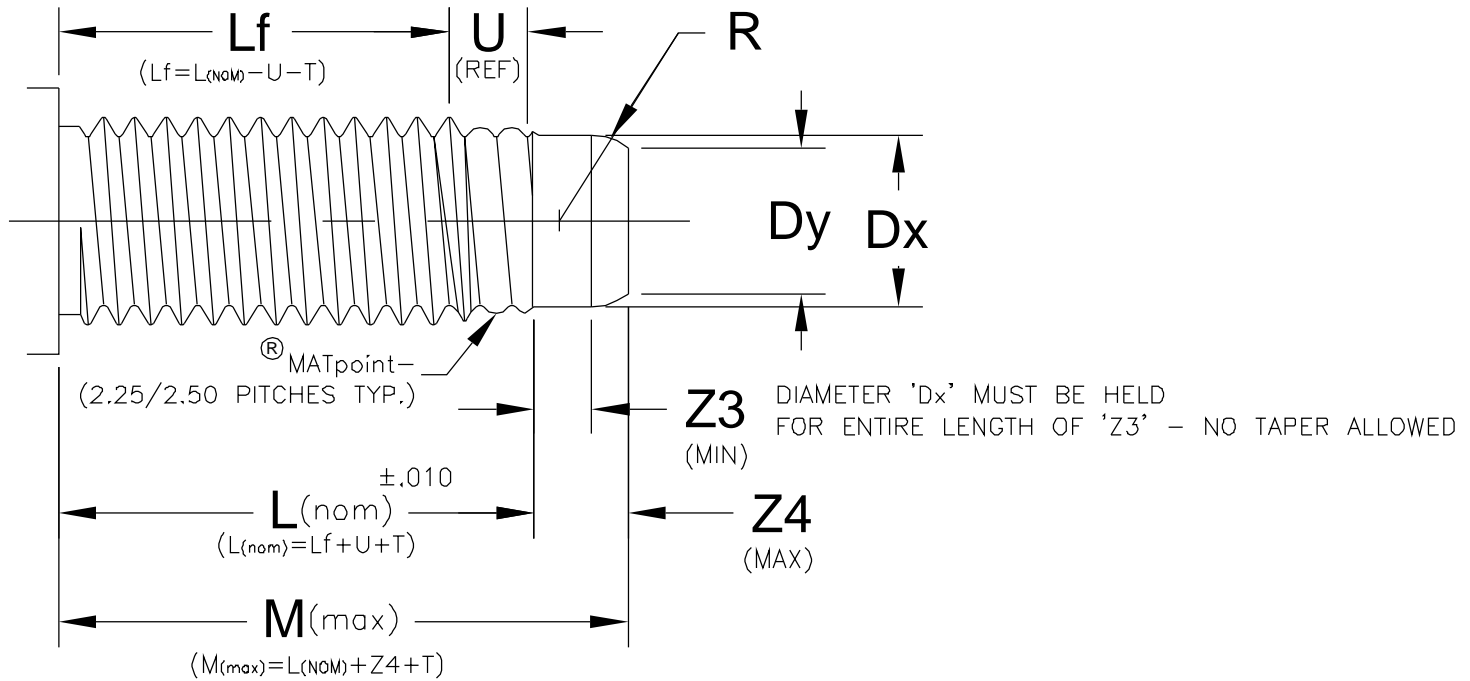


Description: **MATpoint (GM Mpoint)** Thread Type: **INCH - UNC (COARSE)**



THREAD SIZE & PITCH	MAT LENGTH (REF.) U	DOG POINT DIAMETER D _x	TIP DIA. (MAX.) D _y	POINT RADIUS (MIN.) R	STR. LENG. (MIN.) Z ₃	POINT LENG. (MAX.) Z ₄
1/4 - 20	.113	.189 / .193	0.160	0.10	0.062	.110
5/16 - 18	.125	.245 / .249	0.210	0.13	0.089	.160
3/8 - 16	.141	.301 / .305	0.255	0.16	0.127	.195
7/16 - 14	.161	.352 / .356	0.300	0.18	0.152	.240
1/2 - 13	.173	.409 / .413	0.350	0.21	0.182	.275
9/16 - 12	.188	.464 / .468	0.395	0.24	0.212	.310
5/8 - 11	.205	.519 / .523	0.440	0.27	0.252	.360

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)
- DO NOT CHANGE DIMENSIONS 'Z₃' OR 'D_x' WITHOUT CONSULTING WITH MATHread Inc.

DIMENSIONS ARE IN INCHES (in)

5. T= .010

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