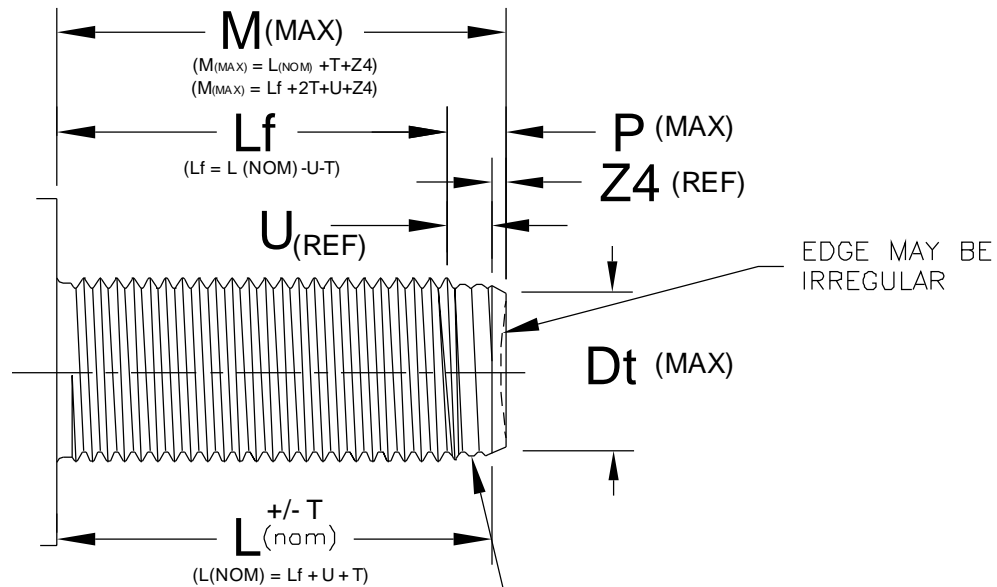


Description: **MATHread (Special)**

Thread type: **METRIC - COARSE**

IMPORTANT NOTE: THIS DESIGN IS INTENDED TO MINIMIZE CROSS-THREADING UP TO 9 DEGREES AXIAL MISALIGNMENT. IT IS POSSIBLE (THOUGH VERY DIFFICULT) TO CROSS-THREAD THESE PARTS. IF YOU NEED 100 % EFFECTIVENESS, USE A STANDARD MATHREAD OR MATPOINT.



THREAD SIZE & PITCH	MAT LENGTH (REF)	TIP DIA. (MAX.)	LENGTH (REF)	POINT LENGTH (MAX)
	U	Dt	Z4	P
M4 x 0.7	1.5	2.83	0.50	2.50
M5 x 0.8	1.8	3.70	0.50	2.80
M6 x 1.0	2.3	4.30	0.65	3.45
M8 x 1.25	2.8	5.99	0.90	4.20
M10 x 1.5	3.4	7.64	1.00	4.90
M12 x 1.75	4.0	9.30	1.30	5.80
M14 x 2.0	4.5	10.98	1.20	6.20
M16 x 2.0	4.5	12.98	1.20	6.20

NOTE:

- 'L(nom)' IS THE NOMINAL LENGTH, MEASURED TO THE POINT ON THE LEAD THREAD WHERE THE THREAD PROFILE FIRST EXCEEDS .20 x PITCH IN HEIGHT (MEASURED FROM THE THREAD ROOT)
- 'T' (TOLERANCE ON 'L (nom)') SHALL BE +/- 0.25.
- INSPECT THESE PARTS PER 'MATpoint' STANDARDS ONLY.
- 'Z4' AND 'U' ARE REFERENCE ONLY DO NOT MEASURE

DIMENSIONS ARE IN MILLIMETERS (mm)

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