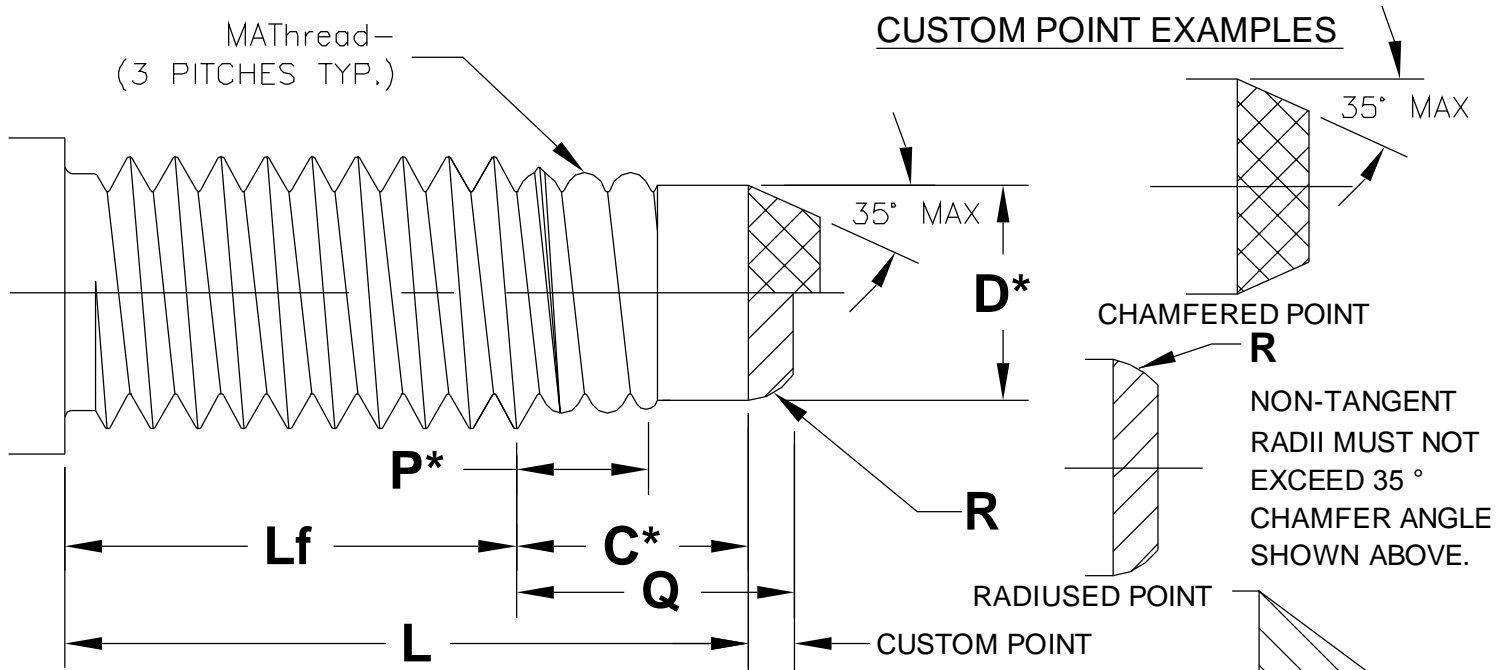


Description:
POINT DESIGN CRITERIA - SPECIALS

Thread Type:
METRIC - COARSE



THREAD SIZE & PITCH	POINT LENGTH (REF.) Q	DOG POINT DIAMETER D	CYL. LENG. (MIN.) C*	MAT LENGTH (MAX.) P*	POINT RADIUS (MIN.) R
M4 x 0.7	4.0	3.04 / 3.17	3.2	2.8	1.5
M5 x 0.8	5.0	3.92 / 4.03	3.7	3.0	2.0
M6 x 1.0	6.0	4.65 / 4.84	4.6	3.5	2.3
M8 x 1.25	8.0	6.33 / 6.56	5.1	4.2	3.2
M10 x 1.5	10.0	8.00 / 8.29	7.0	4.9	4.0
M12 x 1.75	12.0	9.68 / 10.00	8.2	5.9	5.0
M14 x 2.0	14.0	11.35 / 11.72	9.4	6.6	5.7
M16 x 2.0	16.0	13.35 / 13.72	9.8	6.6	6.7

DIMENSIONS ARE IN MILLIMETERS (mm)

- NOTE: CAM POINT
1. DIMENSIONS MARKED '*' IN THIS CHART DEFINE THE BASIC PART. THESE ARE CRITICAL DIMENSIONS. DO NOT CHANGE THEM.
 2. CHAMFERS ADDED TO THE END OF THE BASIC PART MUST NOT EXCEED 35 DEGREES FROM THE SCREW AXIS.
 3. RADII ADDED TO THE END OF THE BASE PART MUST NOT BE SMALLER THAN 'R' UNLESS 1.0mm IS ADDED TO 'C'.
 4. SEE SHEET 10.09 FOR TOLERANCES ON OVERALL LENGTH.
 5. "Lf" = REQUIRED MINIMUM FULL THREAD LENGTH. THIS DIMENSION MUST BE ON FINISHED PART DRAWING.

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