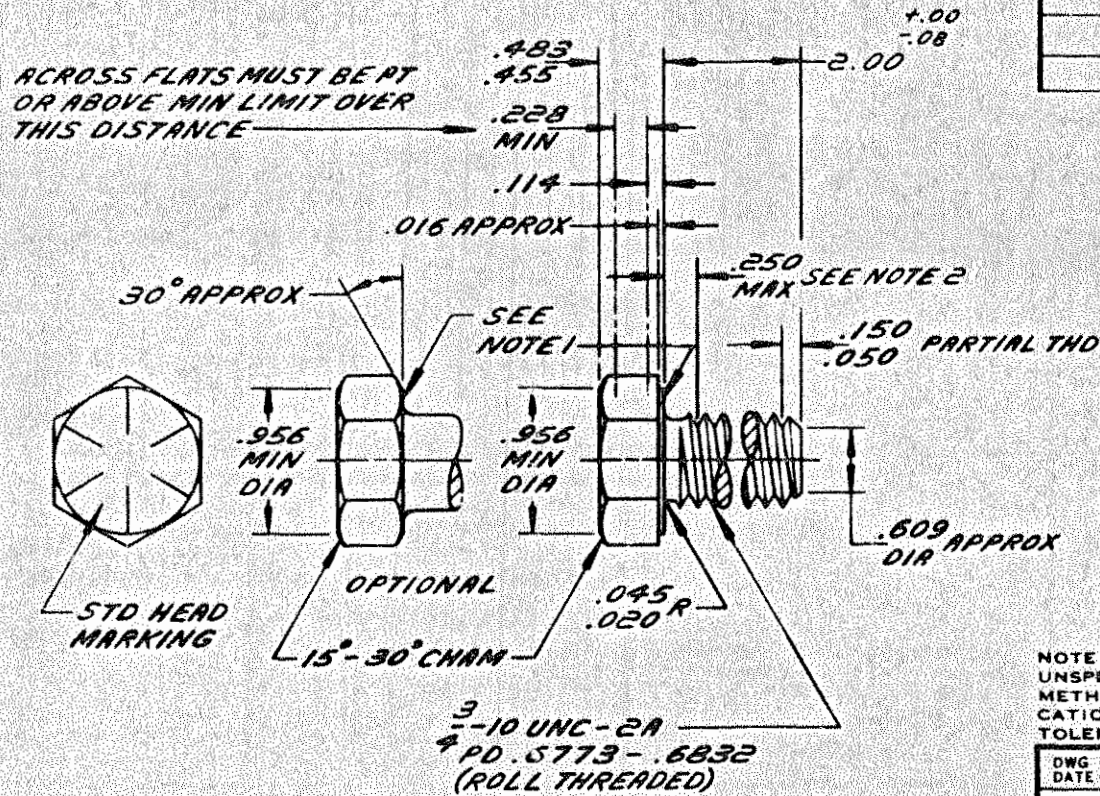


## ENGINEERING STANDARDS SECTION

GENERAL MOTORS CORPORATION - G. M. TECHNICAL CENTER - WARREN, MICHIGAN



## NOTES:

1. AXIS OF HEAD MUST BE CONCENTRIC WITH AXIS OF BOLT WITHIN .068 TIR. BEARING FACE SHALL BE FLAT WITH DIA OF 1.012-1.125 AND SQUARE WITH BOLT AXIS WITHIN 2° (REF-.035 MAX TOTAL RUNOUT).
2. DIA OF UNTHREADED SHANK TO BE .677-.750.

| NO. 223450 |     |                   |           |    |     |
|------------|-----|-------------------|-----------|----|-----|
| DATE       | SYM | REVISION RECORD   | AUTHORITY | DR | CHK |
| 6-28-77    | B   | REDRAWN & REVISED |           | LC | PM  |
|            |     |                   |           |    |     |
|            |     |                   |           |    |     |
|            |     |                   |           |    |     |
|            |     |                   |           |    |     |

NOTE  
UNSPECIFIED DETAIL WITH RESPECT TO DIMENSIONS, MATERIAL METHODS OF TEST, ETC. MUST CONFORM TO GENERAL SPECIFICATIONS PUBLISHED IN G. M. ENGINEERING STANDARDS TOLERANCE PLUS OR MINUS .010 UNLESS OTHERWISE SPECIFIED

|                                 |       |               |        |
|---------------------------------|-------|---------------|--------|
| DWG<br>DATE 12-9-44             | SCALE | DR WK         | CHK DV |
| REFERENCE                       |       | PNC<br>372833 |        |
| MATERIAL SPEC<br>GM 300-M STEEL |       |               |        |
| NAME<br>BOLT-HEXAGON            |       |               |        |
| PART NO.<br>223450              |       |               |        |