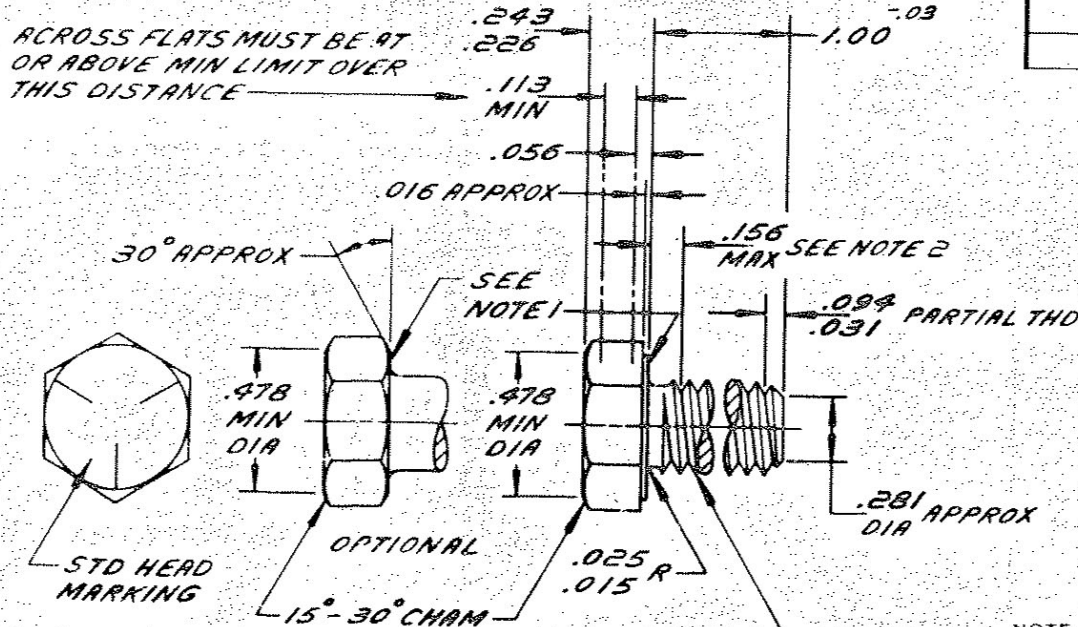


ENGINEERING STANDARDS SECTION

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

BRUNING 14101



NOTES:

1. AXIS OF HEAD MUST BE CONCENTRIC WITH AXIS OF BOLT WITHIN .034 TIR. BEARING FACE SHALL BE FLAT WITH DIA OF .506 - .562 AND SQUARE WITH BOLT AXIS WITHIN 2° (REF - .018 MAX TOTAL RUNOUT).
2. DIA OF UNTHREADED SHANK TO BE .328 - .375.

F

G

| | |
|-------------|-----------------------|
| DESCRIPTION | 3-16X1" CL 2A |
| FINISH | ZINC |
| | GM 4342-M, CODE 20U32 |

| NO. | 180122 | | | | |
|---------|--------|-------------------|-----------|----|-----|
| DATE | SYM | REVISION RECORD | AUTHORITY | DR | CHK |
| 3-1-69 | E | REDRAWN & REVISED | | RD | |
| 9-1-70 | F | "DOC REQ" REMOVED | | SS | RD |
| 9-20-72 | G | GM 9050-P REMOVED | | RG | RD |

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 DATE | 9-28-39 | SCALE | DR | WK |
| REFERENCE | PLAIN No 179839 | | | |
| MATERIAL SPEC | GM 280-M STEEL | | | |
| NAME | BOLT-HEXAGON | | | |

| | |
|----------|--------|
| PART NO. | 180122 |
|----------|--------|