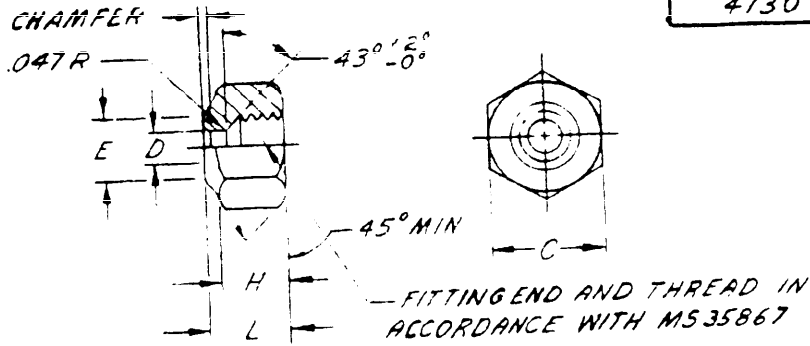
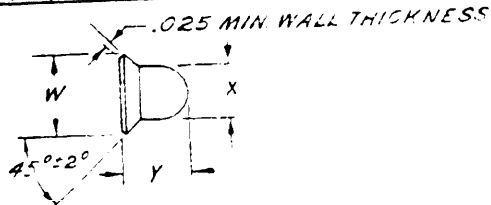


FED. SUP CLASS  
4730



FLARE NUT

| DASH NUMBER | SIZE | C NOM | D    |      | MIN D/E | H ±.031 | L ±.030 |
|-------------|------|-------|------|------|---------|---------|---------|
|             |      |       | MIN  | MAX  |         |         |         |
| -2          | 1/4  | .625  | .255 | .260 | .970    | .860    | .590    |
| -3          | 3/8  | .812  | .380 | .385 | .590    | .500    | .690    |
| -4          | 1/2  | .937  | .505 | .510 | .750    | .560    | .810    |
| -5          | 5/8  | 1.062 | .630 | .635 | .940    | .730    | .940    |
| -6          | 3/4  | 1.312 | .755 | .760 | 1.120   | 1.000   | 1.120   |



FLARE SEAL BONNET

| DASH NUMBER | SIZE | W    | X    | Y    |
|-------------|------|------|------|------|
| -2B         | 1/4  | .360 | .220 | .220 |
| -3B         | 3/8  | .550 | .360 | .340 |
| -4B         | 1/2  | .660 | .470 | .410 |
| -5B         | 5/8  | .770 | .610 | .490 |
| -6B         | 3/4  | .950 | .720 | .560 |

NOTES:

- FLARE NUTS SHALL BE MADE FROM SAE CA377 BRASS FORGINGS.
  - FLARE SEAL BONNETS SHALL BE MADE FROM SAE CA102, CA110, OR CA122 COPPER.
  - DIMENSIONS IN INCHES.
  - DIMENSIONS AND TOLERANCES NOT SHOWN SHALL BE IN ACCORDANCE WITH SAF HANDBOOK FOR REFRIGERATION FITTINGS, SAE J513.
  - DASH NUMBERS REPRESENT 1/8 INCH INCREMENTS IN SIZE, SUFFIX B DENOTES FLARE SEAL BONNET.
  - FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
  - REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BIDS OR REQUEST FOR PROPOSAL.
- (C) PART NUMBER: THE MS PART NUMBER CONSISTS OF THE MS NUMBER PLUS THE DASH NUMBER. EXAMPLE: MS35872-2

ME  
MC, SH  
ARMY - ME  
NAVY - ID  
USAF - 82  
DSA - CS

This military standard is mandatory for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

APPROVED 9 JUN 1958 REVISED (A) 15 MAR 67 (B) 8 MAY 70 (C) 24 SEPT 75

|                                                           |                                                            |                   |
|-----------------------------------------------------------|------------------------------------------------------------|-------------------|
| P.A.<br>ARMY - GL<br>OTHER CUST<br>NAVY - YD<br>USAF - 82 | TITLE<br>FLARE NUT AND FLARE SEAL<br>BONNET, REFRIGERATION | MILITARY STANDARD |
|                                                           |                                                            | MS 35872          |
| Procurement Specification<br>NONE                         | SUPERSEDES:                                                | SHEET / OF /      |