

FED. SUPPLY CLASS

5325

MS PART NO. & MFG  
NAME OR TRADEMARK  
STAMPED HERE  
(LOCATION OPTIONAL)

RECESS MS9006  
NOMINAL SIZE 10  
DEPTH .123 MIN  
/7/

.625  
MAX

.075  
.031

MS PART NO. & MFG  
NAME OR TRADEMARK  
STAMPED HERE  
(LOCATION OPTIONAL)

1.135  
MAX

.875  
± .002

Ø.098 +.005  
-.000  
(2 HOLES)

.625  
MAX

.500  
MAX

.125 MAX

RETAINER RING  
SLOT (OPTIONAL)

MAX LENGTH  
(.500 + MAX GRIP)

Ø.375 +.000  
-.002

STUD  
"-1A" THRU "-9A"

HEAD  
CONFIGURATION  
OPTIONAL

"-21" RECEPTACLE /6/

T1  
(OUTER SHEET)

T2  
(INNER SHEET)

COUNTERBORE OPTIONAL  
Ø.540 MAX  
.030 MAX DEPTH

"-1" THRU "-9" FASTENER ASSEMBLY  
TYPICAL INSTALLATION

TABLE I - PART NUMBERS

| MS PART NO                  |             |                   | GRIP<br>RANGE<br>T1 + T2 | WEIGHT<br>LBS MAX    |                  |                        |
|-----------------------------|-------------|-------------------|--------------------------|----------------------|------------------|------------------------|
| FASTENER<br>ASSEMBLY<br>/1/ | STUD<br>/2/ | RECEPTACLE<br>/2/ |                          | FASTENER<br>ASSEMBLY | STUD<br>ASSEMBLY | RECEPTACLE<br>ASSEMBLY |
| MS17732-1                   | MS17732-1A  | MS17732-21        | .116 - .185              | .041                 | .016             | .025                   |
| MS17732-2                   | MS17732-2A  | MS17732-21        | .186 - .255              | .043                 | .018             | .025                   |
| MS17732-3                   | MS17732-3A  | MS17732-21        | .256 - .325              | .045                 | .020             | .025                   |
| MS17732-4                   | MS17732-4A  | MS17732-21        | .326 - .395              | .046                 | .021             | .025                   |
| MS17732-5                   | MS17732-5A  | MS17732-21        | .396 - .465              | .048                 | .023             | .025                   |
| MS17732-6                   | MS17732-6A  | MS17732-21        | .466 - .535              | .050                 | .025             | .025                   |
| MS17732-7                   | MS17732-7A  | MS17732-21        | .536 - .605              | .052                 | .027             | .025                   |
| MS17732-8                   | MS17732-8A  | MS17732-21        | .606 - .675              | .055                 | .030             | .025                   |
| MS17732-9                   | MS17732-9A  | MS17732-21        | .676 - .745              | .058                 | .033             | .025                   |

① COMPLETELY REVISED

THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MS17732, REVISION C. PART NUMBERS REMAIN MS17732.

THIRD  
ANGLE  
PROJECTION

CUSTODIAN  
NATIONAL AEROSPACE STANDARDS COMMITTEE

REVISION  
**1**

PROCUREMENT  
SPECIFICATION  
NASM22978

TITLE  
**FASTENER, ROTARY, QUICK-OPERATING,  
PROTRUDING HEAD, FLOATING TYPE,  
2,210 LBF MIN TENSILE STRENGTH**

①

CLASSIFICATION  
PART STANDARD

**NASM17732**  
SHEET 1 OF 2



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## MATERIAL:

STEEL – CARBON AND ALLOY PER ~~FEDERAL STANDARD NO. 66~~ AIR4127.

## FINISH:

CADMIUM PLATE, AMS-QQ-P-416, TYPE II, CLASS 3.

## NOTES:

- /1/ THE GOVERNMENT SERVICES SHALL PROCURE AND STOCK ONLY COMPLETE ASSEMBLIES, PART NUMBERS MS17732-1 THRU MS17732-9.
- /2/ PART NUMBERS MS17732-1A THRU MS17732-9A AND MS17732-21 ASSIGNED FOR IDENTIFICATION PURPOSES ONLY AND SHALL NOT BE PROCURED OR STOCKED BY THE GOVERNMENT SERVICES.
- (3) TEMPERATURE: 500 °F, MAXIMUM.
- (4) DIMENSIONS IN INCHES AND APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.
- (5) REMOVE ALL BURRS AND SHARP EDGES.
- /6/ FLOAT OF RECEPTACLE SHALL NOT BE LESS THAN .020 IN ANY DIRECTION FROM THE CENTER POSITION.
- /7/ DIMENSIONING AND GAGING OF THE ABOVE RECESS SHALL BE IN ACCORDANCE WITH NASM9006, CROSS RECESS AND GAGE DIMENSIONS.
- (8) TOLERANCES UNLESS OTHERWISE SPECIFIED: DECIMALS ± .010.
- (9) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (10) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
- (11) UNLESS OTHERWISE SPECIFIED HEREIN, REFERENCED DOCUMENTS SHALL BE THE ISSUE IN EFFECT ON DATE OF MANUFACTURE. HOWEVER, EXISTING MATERIAL INVENTORY CERTIFIED TO A PREVIOUS REVISION OF THE APPLICABLE MATERIAL SPECIFICATION(S) IS ACCEPTABLE FOR USE UNTIL DEPLETION.
- (12) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.

1 COMPLETELY REVISED

REVISION

1

**NASM17732**

SHEET 2

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