

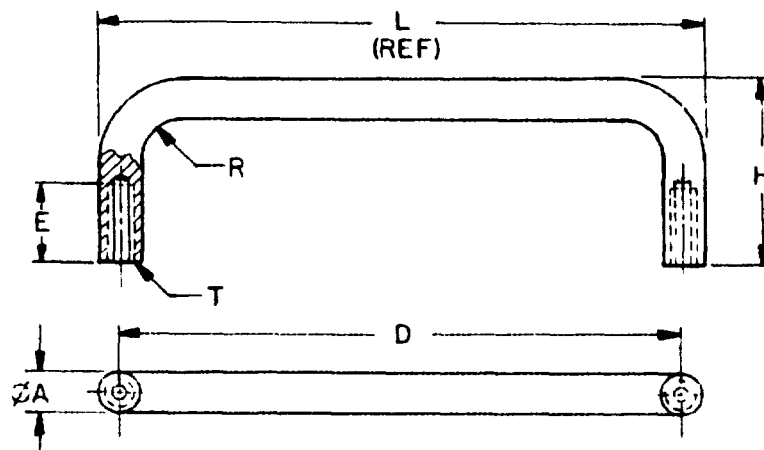
FED SUP CLASS
5340

FIG 1 ROUND HANDLE

TABLE I DASH NUMBERS AND DIMENSIONS

| DASH NUMBER | PROTECTIVE FINISH | 2A | D | E | H | L | R REF | T THREAD |
|-------------|-------------------|----------|------|---------|------|------|-------|-------------------|
| 1 | NICKEL PLATE | | 6.44 | | 1.75 | 6.75 | | |
| 2 | BLACK OXIDE | | | | | | | |
| 3 | NICKEL PLATE | 312±.005 | 4.56 | .62±.06 | 1.50 | 4.88 | .31 | .190-32UNF-2B (F) |
| 4 | BLACK OXIDE | | | | | | | |
| 5 | NICKEL PLATE | | 3.00 | | 1.31 | 3.31 | | |
| 6 | BLACK OXIDE | | | | | | | |

TABLE I DASH NUMBERS AND DIMENSIONS

| DASH NUMBER | 2A | D | E | H | L REF | R REF | T THREAD |
|-------------|------|------|---------|------|-------|-------|---------------|
| 301 | 156 | 1.00 | .25 | 1.00 | 1.15 | .156 | .112-40UNC-2B |
| 302 | .187 | 3.00 | | .75 | 3.18 | | .138-32UNC-2B |
| 303 | 187 | 3.00 | | .87 | 3.18 | 187 | .138-32UNC-2B |
| 304 | 250 | 4.00 | .37 | 1.50 | 4.25 | | .138-32UNC-2B |
| 305 | .250 | 4.00 | | 1.50 | 4.25 | | .164-32UNC-2B |
| 306 | 250 | 5.00 | .44 | 2.00 | 5.25 | 250 | .164-32UNC-2B |
| 307 | 312 | 3.00 | | 1.50 | 3.31 | | .190-32UNC-2B |
| 308 | 312 | 4.00 | | 1.50 | 4.31 | | .190-32UNC-2B |
| 309 | 312 | 4.25 | | 1.50 | 4.66 | | .190-32UNC-2B |
| 310 | 312 | 4.50 | | 1.50 | 4.81 | 312 | .190-32UNC-2B |
| 311 | 312 | 4.56 | .62±.06 | 1.50 | 4.87 | | .190-32UNC-2B |
| 312 | 312 | 6.43 | | 1.75 | 6.74 | | .190-32UNC-2B |
| 313 | .375 | 3.00 | | 2.00 | 3.37 | | .190-32UNC-2B |
| 314 | .375 | 4.00 | | 1.87 | 4.37 | 375 | .190-32UNC-2B |
| 315 | 375 | 4.00 | | 2.00 | 4.37 | | .190-32UNC-2B |

TABLE III. DASH NUMBERS AND CODES

| MS39087-301 A N | | |
|-----------------|-------------------------------|-------------------|
| FROM TABLE II | PROTECTIVE FINISH | PROTECTIVE FINISH |
| | A - ALUMINUM ANODIZE | N - NICKEL PLATE |
| | C - CORROSION RESISTANT STEEL | P - PASSIVATE |
| | | D - BLACK OXIDE |

F DENOTES CHANGE(S)

INCH - POUND

ARMY - AR
Other Code
AIR FORCE 99INTERNATIONAL
INTEREST

TITLE

HANDLE, BOW

PROCUREMENT PRECEDENCE
NONE

SUPERSEDES

MILITARY STANDARD
MS39087

PAGE 1 OF 3

APPROVED 18 MAY 59 REVISED 31 MAR 89 (F) 4 JUN 90

DISTRIBUTION STATEMENT A Approved for public release; distribution is unlimited

This standard is approved for use by all Departments and Agencies of the Department of Defense. It is a minimum engineering and design specification and for repetitive use shall be made from this document when applicable.

REVIEWER ACTIVITIES: ONL, MGRS, COORDINATING ACTIVITIES
ARMY - AT, AV, MI
GSA - FSS
AIR FORCE - B2
NASA - JFC
DLA - IS
ARMY - ER, ME

AMSC N/A

DD

672-1

COORDINATED

5340-2004

5340

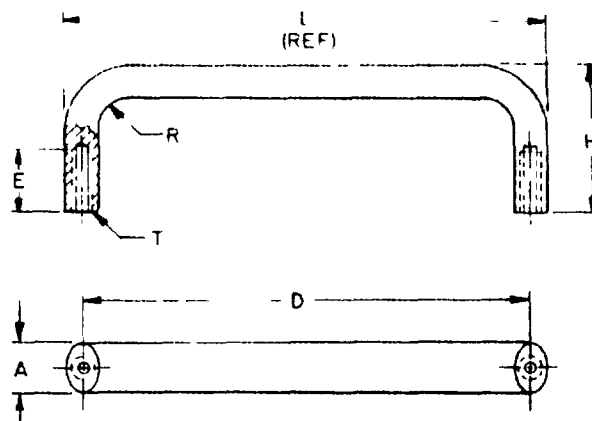


FIG 2 OVAL HANDLE

TABLE IV DASH NUMBERS AND DIMENSIONS

| DASH NUMBER | A | D | E | H | REF | R | T THREAD |
|-------------|-------------|------|--------|------|------|-----|--------------|
| 401 | 7/16 X 9/32 | 4.00 | | 1.00 | 4.28 | | 190-24UNC-2B |
| 402 | 7/16 X 9/32 | 4.00 | | 1.28 | 4.28 | | 190-32UNF-2B |
| 403 | 7/16 X 9/32 | 4.00 | | 2.00 | 4.28 | | 190-24UNC-2B |
| 404 | 7/16 X 9/32 | 6.00 | | 1.50 | 6.28 | | 190-32UNF-2B |
| 405 | 5/8 X 9/32 | 2.50 | | 1.50 | 2.78 | | 190-32UNF-2B |
| 406 | 5/8 X 9/32 | 3.00 | | 1.28 | 3.28 | | 190-24UNC-2B |
| 407 | 5/8 X 9/32 | 4.00 | 62±.06 | 1.50 | 4.28 | .50 | 190-24UNC-2B |
| 408 | 5/8 X 9/32 | 4.50 | | 2.00 | 4.78 | | 190-32UNF-2B |
| 409 | 5/8 X 9/32 | 4.56 | | 2.00 | 4.84 | | 190-24UNC-2B |
| 410 | 5/8 X 9/32 | 4.56 | | 1.75 | 4.84 | | 190-32UNF-2B |
| 411 | 5/8 X 9/32 | 6.00 | | 1.00 | 6.28 | | 190-24UNC-2B |
| 412 | 5/8 X 9/32 | 6.00 | | 2.25 | 6.28 | | 190-32UNF-2B |
| 413 | 5/8 X 3/8 | 6.00 | | 3.00 | 6.38 | | 190-32UNF-2B |

TABLE V DASH NUMBERS AND CODES

| DASH NUMBER FROM TABLE IV | MATERIAL | PROTECTIVE FINISH |
|---------------------------|--------------------------------|-------------------|
| | A - ALUMINUM ALLOY | N - ANODIZE |
| | B - COPPER-NICKEL (10% NICKEL) | P - PASSIVATE |
| | | B - BLACK OXIDE |

MS39087 - 401 A N

DISTRIBUTION STATEMENT A Approved for public release; distribution is unlimited
In military standard approved for use by all Departments and Agencies of the Department of Defense
Select in for all new engineering and design applications and for repetitive use shall be made from this document when applicable

REVIEWER ACTIVITY: USER ACTIVITIES
ARMY - AT, AV, MI GSA - FSS ARMY ER ME
AIR FORCE - 82 NASA JFK
DLA - IS

ARMY AR INTEREST

AIR FORCE 99

PHILIPMENT SPECIFICATION SUPPLEMENT
NONE

HANDLE, BOW

MILITARY STANDARD
MS39087

2 3

APPROVED 18 MAY 59 REVISED (F) FOR CHANGES SEE PAGES 1 AND 3

FED SUP CLASS
5340

REQUIREMENTS-

1. MATERIAL. BRASS IN ACCORDANCE WITH QQ-B-620 (UNS C36000) ALUMINUM ALLOY IN ACCORDANCE WITH QQ-A-225/0 (UNS A96061), TYPE 6 CORROSION RESISTANT STEEL IN ACCORDANCE WITH QQ-S-703 (UNS S30400).

2. PROTECTIVE FINISHAL ALLOY AND CRES HANDLES

ANODIZE IN ACCORDANCE WITH MIL-A-8625, TYPE 11 CLASS 2 (BLACK)

PASSIVATE IN ACCORDANCE WITH QQ-F-35

BLACK OXIDE IN ACCORDANCE WITH MIL-C-13924, CLASS 4

BRASS HANDLES:

BLACK OXIDE IN ACCORDANCE WITH MIL-F-495

NICKEL PLATING, BRIGHT, IN ACCORDANCE WITH QQ-N-290, CLASS 1, GRADE E

3. THREADS. THREADS SHALL BE IN ACCORDANCE WITH FED-STD-H2B/2. ACCEPTABILITY OF SCREW THREADS SHALL BE IN ACCORDANCE WITH FED-STD-H2B/20, SYSTEM 21

4. TOLERANCE. DECIMALS $\pm .02$, FRACTION $\pm 1/64$, UNLESS OTHERWISE SPECIFIED

5. REMOVE ALL BURRS AND SHARP EDGES

6. PART NUMBER. THE MS PART NUMBER FOR BRASS HANDLES SHALL BE THE MS NUMBER PLUS THE DASH NUMBER FROM TABLE VI. FOR AL ALLOY AND CRES HANDLES, SEE TABLE III AND V

NOTES

1. DIMENSIONS. UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES
2. TABLE VI, INTERCHANGEABILITY TABLE LISTS CANCELED MS39087 PART NUMBERS WITH RESPECTIVE REPLACEMENT MS39087 PART NUMBERS EFFECTIVE 31 MARCH 1969
3. IN THE EVENT OF A CONFLICT BETWEEN THE TEXT OF THIS STANDARD AND THE REFERENCES CITED HEREIN, THE TEXT OF THIS STANDARD SHALL TAKE PRECEDENCE.
4. REFERENCED GOVERNMENT (OR NON-GOVERNMENT) DOCUMENTS OF THE ISSUE LISTED THAT ISSUE OF THE DEPARTMENT OF DEFENSE INDEX OF SPECIFICATIONS AND STANDARDS (DODISS) SPECIFIED IN THE SOLICITATION FORM A PART OF THIS STANDARD TO THE EXTENT SPECIFIED HEREIN

TABLE VI. INTERCHANGEABILITY

| CANCELLED P/N | REPLACEMENT P/N |
|---------------|-----------------|
| MS39087-101XX | MS39087-302XX |
| MS39087-102XX | MS39087-303XX |
| MS39087-103XX | MS39087-304XX |
| MS39087-104XX | MS39087-307XX |
| MS39087-105XX | MS39087-308XX |
| MS39087-201XX | MS39087-402XX |
| MS39087-202XX | MS39087-404XX |
| MS39087-203XX | MS39087-405XX |
| MS39087-204XX | MS39087-410XX |
| MS39087-205XX | MS39087-412XX |
| MS39087-206XX | MS39087-413XX |

(F)

(F)

DISTRIBUTION STA. AT A Approved for public release; distribution is unlimited
This military standard is approved for use by all Departments and Agencies of the Department of Defense
which in turn is for all new engineering and design applications and for repetitive use shall be made from this
document when applicable

REVIEWER ACTIVITIES: CIVIL ENGINEER'S CONSULTING FIRM AS 10/1/1968 USER ACTIVITIES
ARMY - AT, AV, MI GSA - FSS ARMY - ER, ME
AIR FORCE - B2 NASA JFC
DLA IS

ARMY - AR INTERNATIONAL INTEREST
Other Code
AIR FORCE 39
PROCUREMENT SPECIFICATION NONE
SUPERSEDES

HANDLE, BOW

MILITARY STANDARD
MS39087

PAGE 3 OF 3

APPROVED 18 MAY 59 REVISED (F) FOR CHANGES SEE PAGES 1 AND 3