

FIG 1 ROUND HANDLE

TABLE I DASH NUMBERS AND DIMENSIONS

DASH NUMBER	PROTECTIVE FINISH	A	D	E	H	L	R REF	T THREAD
1	NICKEL PLATE	312±.005	6.44	.62±.06	1.75	6.75	.31	.190-32UNF-2B
2	BLACK OXIDE							
3	NICKEL PLATE							
4	BLACK OXIDE							
5	NICKEL PLATE							
6	BLACK OXIDE							

TABLE I DASH NUMBERS AND DIMENSIONS

DASH NUMBER	A	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	187	.138-32UNC-2B
303	187	3.00		.87	3.18		.138-32UNC-2B
304	250	4.00	.37	1.50	4.25		.138-32UNC-2B
305	250	4.00		1.50	4.25	250	.164-32UNC-2B
306	250	5.00	.44	2.00	5.25		.164-32UNC-2B
307	312	3.00		1.50	3.31	312	.190-32UNF-2B
308	312	4.00		1.50	4.31		.190-32UNF-2B
309	312	4.25		1.50	4.66		.190-32UNF-2B
310	312	4.56	.62±.06	1.50	4.81	312	.190-32UNF-2B
311	312	4.56		1.50	4.81		.190-32UNF-2B
312	312	6.43		1.75	6.74		.190-32UNF-2B
313	375	3.00		2.00	3.37	375	.190-32UNF-2B
314	375	4.00		1.87	4.37		.190-32UNF-2B
315	375	4.00		2.00	4.37		.190-32UNF-2B

TABLE III. DASH NUMBERS AND CODES

MS39087-301 A N		
FROM TABLE II	A - ALUMINUM ALLOY C - CORROSION RESISTANT STEEL	P - PASSIVATED B - BLACK OXIDE

F DENOTES CHANGE(S)

INCH - POUND

ARMY - AR AIR FORCE 99	INTERNATIONAL INTEREST	TITLE HANDLE, BOW	MILITARY STANDARD MS39087
PROCUREMENT PRECEDENCE NONE	SUPPLEMENT	PAGE 1 OF 3	

REVIEWER ACTIVITIES ON RELATED COORDINATING ACTIVITIES
 USER ACTIVITIES
 ARMY - ER, ME
 GSA - FSS
 AIR FORCE - B2
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 DLA - IS

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APPROVED 18 MAY 59 REVISED 31 MAR 89 E 4 JUN 90

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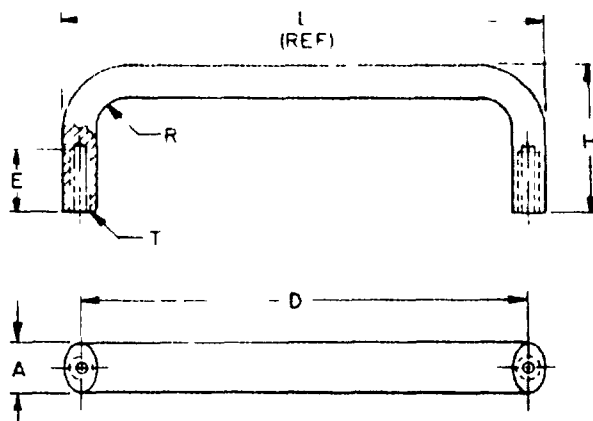


FIG 2 OVAL HANDLE

TABLE IV DASH NUMBERS AND DIMENSIONS

DASH NUMBER	A	D	E	H	REF	R	T
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	62±.06	1.28	3.28	.50	190-24UNC-2B
407	5/8 X 9/32	4.00		1.50	4.28		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

MS39087 - 401 A N		
DASH NUMBER FROM TABLE IV	MATERIAL	PROTECTIVE FINISH
	A - ALUMINUM ALLOY	N - ANODIZE
	- COPPOSITION PER MIL-STD-203	P - PASSIVATE
		B - BLACK OXIDE

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 ARMY - AT, AV, MI GSA - FSS ARMY ER ME
 AIR FORCE - 82 NASA JFK
 DLA - IS

ARMY AR INTERNATIONAL INTEREST
 Other: Civil
 AIR FORCE 99
 PROCUREMENT SPECIFICATION SUPPLIES
 NONE

HANDLE, BOW

MILITARY STANDARD
 MS39087

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

REQUIREMENTS:

1. **MATERIAL.** BRASS IN ACCORDANCE WITH QQ-B-020 (UNS C36000) ALUMINUM ALLOY IN ACCORDANCE WITH QQ-A-225/0 (UNS A96061), TYPE b CORROSION RESISTANT STEEL IN ACCORDANCE WITH QQ-S-703 (UNS S30400).

2. **PROTECTIVE FINISH**

AL ALLOY AND CRES HANDLES

ANODIZE IN ACCORDANCE WITH MIL-A-8625, TYPE 11 CLASS 2 (BLACK)
PASSIVATE IN ACCORDANCE WITH QQ-F-25
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/4 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 (EXAMPLES OF THE MS NUMBER P/N THE DASH NUMBER FROM TABLE VI) SHALL BE IN ACCORDANCE WITH THE DASH NUMBER FROM TABLE VI (EXAMPLE MS39087-1). 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 1989

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

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 AIR FORCE - 82 NASA JFK
 DLA IS

ARMY - AR INTERNATIONAL INTEREST
Other Cost
AIR FORCE 39
PROCUREMENT SPECIFICATION NONE SUPPLIES

HANDLE, BOW

MILITARY STANDARD
MS39087

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