



TABLE 1. DASH NUMBERS.

| DASH NO | A      | B     | HEAT TREATMENT | FORMING <sup>1/</sup> PROCESS | ADDITIONAL <sup>2/</sup> REQUIREMENTS |
|---------|--------|-------|----------------|-------------------------------|---------------------------------------|
| 001     | .2500  | 6.000 | ANNEALED       | H                             |                                       |
| 003     | .5000  | 6.000 | ANNEALED       | H                             |                                       |
| 005     | .7500  | 6.000 | ANNEALED       | H                             |                                       |
| 007     | 1.0000 | 6.000 | ANNEALED       | H                             |                                       |

<sup>1/</sup> SEE REQUIREMENT 3  
<sup>2/</sup> SEE REQUIREMENT 4

## REQUIREMENTS:

- MATERIAL. STEEL, CORROSION RESISTANT TYPE 440C (UNS S44004) AS SPECIFIED IN PROCUREMENT DOCUMENT.
- LENGTH. STANDARD LENGTH OF BAR IS 10 FEET MINIMUM, 12 FEET MAXIMUM.
- FORMING PROCESS. HOT FINISHED - CODE "H"
- ADDITIONAL REQUIREMENTS.  
 PICKLED OVERALL - CODE "po"  
 SANDBLASTED OVERALL - CODE "sb"
- PART NUMBER. THE PART NUMBER CONSISTS OF THE BASIC MS NUMBER, PLUS A FORMING PROCESS CODE, PLUS A DASH NUMBER FROM TABLE I.

EXAMPLE: MS14431H001

(SEE TABLE I)

HOT FINISHED (SEE REQUIREMENT 3)

BASIC MS NUMBER

- MARKING. IRON AND STEEL PRODUCTS SHALL BE MARKED IN ACCORDANCE WITH FED-STD-183 WITH THE EXCEPTION THAT A PART NUMBER FROM THIS MILITARY STANDARD SHALL BE INCLUDED AS PART OF THE IDENTIFICATION MARKING.

## NOTES:

- ALL DIMENSIONS ARE IN INCHES.
- REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BIDS, OR REQUEST FOR PROPOSAL, EXCEPT THE REFERENCED ADOPTED INDUSTRY DOCUMENTS SHALL GIVE THE DATE OF THE ISSUE ADOPTED.
- FOR DESIGN FEATURE PURPOSES THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.

|                                       |                |                           |   |                                  |
|---------------------------------------|----------------|---------------------------|---|----------------------------------|
| P.A.<br>Other Cust                    | AS<br>MR<br>99 | INTERNATIONAL<br>INTEREST | TITLE<br><br>BAR, METAL, FLAT,<br>CORROSION RESISTANT,<br>TYPE 440C | MILITARY STANDARD<br><br>MS14431 |
| PROCUREMENT SPECIFICATION<br>QQ-S-763 |                | SUPERSEDES:               |   | PAGE<br>1                        |
|                                       |                |                           |   | OF<br>1                          |

DD FORM 1 MAY 73 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9510-0461

USER ACTIVITIES:

 REVIEWER ACTIVITIES:  
 AIR FORCE-84  
 DLA-IS

 This military standard is approved 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 when applicable.

APPROVED 28 FEB 1985 REVISED