

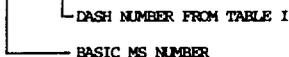
TABLE I. DASH NUMBERS

| DASH NO | A     | DASH NO | A     |
|---------|-------|---------|-------|
| 001     | .375  | 031     | 1.875 |
| 003     | .438  | 033     | 2.000 |
| 005     | .500  | 035     | 2.250 |
| 007     | .562  | 037     | 2.500 |
| 009     | .625  | 039     | 2.750 |
| 011     | .750  | 041     | 3.000 |
| 013     | .875  | 043     | 3.250 |
| 015     | 1.000 | 045     | 3.500 |
| 017     | 1.125 | 047     | 4.000 |
| 019     | 1.250 | 049     | 4.500 |
| 021     | 1.312 | 051     | 5.000 |
| 023     | 1.375 | 053     | 5.500 |
| 025     | 1.500 | 055     | 6.000 |
| 027     | 1.625 | 057     | 7.000 |
| 029     | 1.750 | 059     | 8.000 |

REQUIREMENTS:

- MATERIAL. TOOL STEEL TYPE 01 (UNS T31501), AS SPECIFIED IN PROCUREMENT DOCUMENT.
- LENGTH. STANDARD LENGTH OF ROUND BAR IS 10 FEET MINIMUM, 12 FEET MAXIMUM.
- FORMING PROCESS. HOT FORMED.
- FINISH. AS SPECIFIED IN PROCUREMENT DOCUMENT.
- HEAT TREATMENT. ANNEALED.
- PART NUMBER. THE PART NUMBER CONSISTS OF THE BASIC MS NUMBER, PLUS A DASH NUMBER FROM TABLE I.

EXAMPLE: MS52060-001



- MARKING. TOOL STEEL 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.
- 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.
- REFERENCED GOVERNMENT (OR NONGOVERNMENT) DOCUMENTS OF THE ISSUE LISTED IN 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.

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APPROVED 31 JUL 85  
REVISED

|                           |             |                        |                                   |                   |
|---------------------------|-------------|------------------------|-----------------------------------|-------------------|
| P.A.                      | MR          | INTERNATIONAL INTEREST | TITLE                             | MILITARY STANDARD |
| Other Cust                | 99          |                        | BAR, ROUND<br>TOOL STEEL, TYPE 01 | MS52060           |
| PROCUREMENT SPECIFICATION | SUPERSEDES: |                        | PAGE                              | OF                |
| ASTM-A 681                |             |                        | 1                                 | 1                 |