

TABLE I. DASH NUMBERS AND DIMENSIONS.

| DASH NO | NOMINAL PLUG DIAMETER | Ø A | | Ø B | | C | D | R +0.1 |
|---------|-----------------------|--------|--------|--------|--------|-----------|------|-----------|
| | | MAX | MIN | MAX | MIN | | | |
| 08 | 8 | 8.20 | 8.11 | 8.30 | 8.21 | 3 +0.300 | 0.75 | 1.0 |
| 10 | 10 | 10.20 | 10.09 | 10.30 | 10.19 | 3 +0.300 | 0.75 | 1.0 |
| 12 | 12 | 12.20 | 12.09 | 12.30 | 12.19 | 4 +0.375 | 1.00 | 1.0 |
| 14 | 14 | 14.20 | 14.09 | 14.30 | 14.19 | 5 +0.375 | 1.00 | 1.0 |
| 16 | 16 | 16.30 | 16.19 | 16.50 | 16.39 | 5 +0.375 | 1.00 | 1.0 |
| 18 | 18 | 18.30 | 17.90 | 18.50 | 18.37 | 6 +0.375 | 1.00 | 1.0 |
| 20 | 20 | 20.30 | 20.17 | 20.50 | 20.37 | 6 +0.375 | 1.00 | 1.0 |
| 22 | 22 | 22.30 | 22.17 | 22.50 | 22.37 | 7 +0.450 | 1.60 | 2.0 |
| 25 | 25 | 25.30 | 25.17 | 25.50 | 25.37 | 8 +0.450 | 1.60 | 2.0 |
| 28 | 28 | 28.30 | 28.17 | 28.50 | 28.37 | 9 +0.450 | 1.60 | 2.0 |
| 30 | 30 | 30.30 | 30.14 | 30.50 | 30.34 | 10 +0.450 | 1.60 | 2.0 |
| 35 | 35 | 35.30 | 35.14 | 35.50 | 35.34 | 11 +0.550 | 1.60 | 2.0 |
| 40 | 40 | 40.30 | 40.14 | 40.50 | 40.34 | 12 +0.550 | 1.60 | 2.0 |
| 45 | 45 | 45.30 | 45.14 | 45.50 | 45.34 | 14 +0.550 | 1.60 | 2.0 |
| 50 | 50 | 50.30 | 50.11 | 50.50 | 50.31 | 15 +0.550 | 1.60 | 2.0 |
| 55 | 55 | 55.30 | 55.11 | 55.50 | 55.31 | 17 +0.550 | 2.00 | 2.5 |
| 60 | 60 | 60.30 | 60.11 | 60.50 | 60.31 | 19 +0.650 | 2.00 | 2.5 |
| 70 | 70 | 70.30 | 70.11 | 70.50 | 70.31 | 20 +0.650 | 2.00 | 2.5 |
| 80 | 80 | 80.30 | 80.08 | 80.50 | 80.28 | 20 +0.650 | 2.00 | 2.5 |
| 90 | 90 | 90.40 | 90.18 | 90.70 | 90.48 | 20 +0.650 | 2.00 | 2.5 |
| 100 | 100 | 100.40 | 100.18 | 100.70 | 100.48 | 20 +0.650 | 2.00 | 2.5 |

Ⓐ CANCELED AS OF 18 DECEMBER 1987

METRIC

APPROVED 1 Mar 84 REVISED Ⓐ 18 Dec 87

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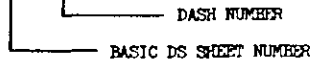
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|-----------------------------------|------------------------|---|------------------------------|
| P. A. Other Cont II YD | INTERNATIONAL INTEREST | TITLE PLUG, EXPANSION, TAPERED METRIC | MILITARY STANDARD DS21445 |
| PROCUREMENT SPECIFICATION NONE | SUPERSEDES | PAGE 1 | OF 2 |

REQUIREMENTS:

1. MATERIAL SHALL BE STEEL IN ACCORDANCE WITH ASTM A109-81
2. FINISH SHALL BE BLACK OXIDE IN ACCORDANCE WITH AMS 24850-82
3. THE SURFACE TEXTURE SHALL BE 3.2 μ m, UNLESS OTHERWISE SPECIFIED, WHEN TESTED IN ACCORDANCE WITH ANSI B46.1 - 1978.
4. PART NUMBER. THE PART NUMBER CONSISTS OF THE BASIC DS SHEET NUMBER FOLLOWED BY A DASH NUMBER TAKEN FROM TABLE 1.

EXAMPLE: DS21445-08



DS21445-08 INDICATES - PLUG, EXPANSION, 8 mm NOMINAL PLUG DIAMETER

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. BREAK ALL BURRS AND SHARP EDGES (0.4 mm MAX).
3. DO NOT USE UNASSIGNED PART NUMBERS.
4. MARK "E10" ON DASH NUMBERS 08 THRU 18, DASH NO. 20 THRU 105 MARK WITH FULL PART NUMBER AND MANUFACTURER'S IDENTIFICATION. MARKING SHALL BE IN ACCORDANCE WITH AS 4780-79 METHOD 6 OR 7A.
5. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
6. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BIDS OR REQUEST FOR PROPOSAL EXCEPT THAT REFERENCED ADOPTED INDUSTRY DOCUMENTS SHALL GIVE THE DATE OF THE ISSUE ADOPTED.

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ARMY - ME

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APPROVED 1 Mar 81 REVISED

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| P.A.C. II Other Cost YD | INTERNATIONAL INTEREST | TITLE PLUG, EXPANSION, TAPERED METRIC | MILITARY STANDARD |
| | | | DS21445 |
| PROCUREMENT SPECIFICATION NONE | SUPERSEDES: | PAGE 2 OF 2 | |