

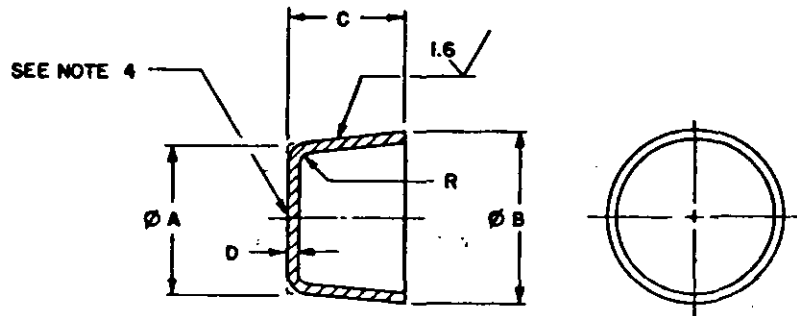
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TABLE I. DASH NUMBERS AND DIMENSIONS.

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

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PROCUREMENT SPECIFICATION NONE	SUPERSEDED	PAGE 1	OF 2

DD FORM 672-1 (COORDINATED)

Project 5340-1847

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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.

APPROVED 1 Mar 84 REVISED Ⓐ 18 Dec 87

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## 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  $\mu$ 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 I.

EXAMPLE: DS21445-08

\_\_\_\_\_ DASH NUMBER  
 \_\_\_\_\_ BASIC DS SHEET NUMBER

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 100 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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APPROVED 1 Mar 81 REVISED

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PROCUREMENT SPECIFICATION NONE	SUPERSEDES:	PAGE 2 OF 2	