

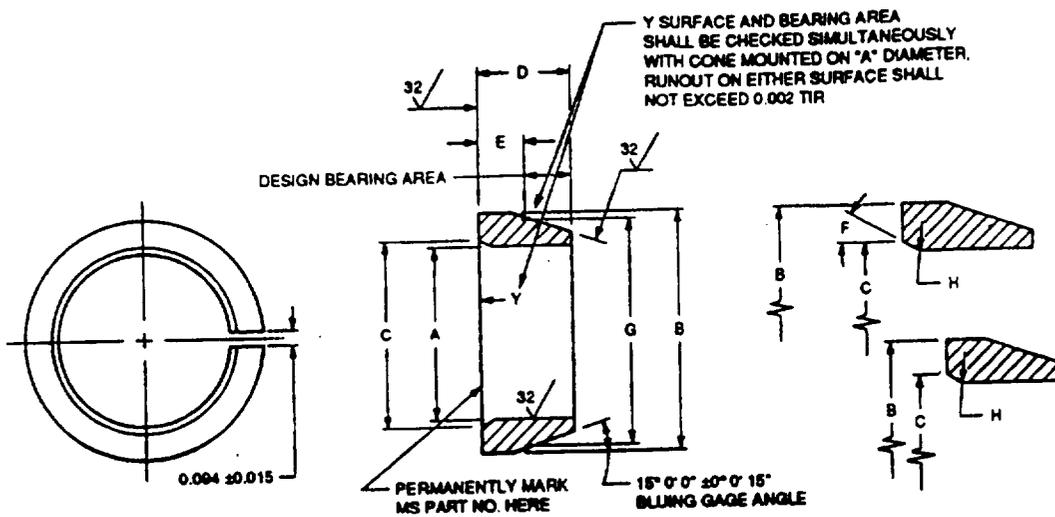
INCH-POUND

MS5008D
 5 February 1996
 SUPERSEDING
 MS5008C
 29 April 1981

DETAIL SPECIFICATION SHEET

CONE, PROPELLER HUB, REAR

This specification is approved for use by all Departments and Agencies of the Department of Defense.



DASH NO.	A +0.001 -0.000 DIA	B DIA	C DIA	D	E +0.010 -0.000	F 20° 30'	G GAGE DIA	H RAD	SHAFT NO.		
-7.5	1.633	2.250	1.729	0.875	0.188	-	2.250	0.375	7.5		
-10	1.997	2.625	2.125			-	2.625		10		
-20	2.372	2.938	2.500			0.989	0.438		-	2.875	20
-30	2.622	3.188	2.781			0.906	0.375		-	3.187	30
-40	3.122	3.942	3.250	1.125	0.125	-	3.875	0.250	40		
(a) -50	3.809	4.813	4.188	1.344	0.344	30° 0'	4.625		50 (a)		
-60A	4.684	5.688	5.063				5.500		60A		
-70	5.589	6.863	5.938				6.375		70		
-80	6.423	7.427	6.802				7.239	80			

(a) -50A, -51, and -51A SHAFT SIZES USE -50 CONE.

MS5008D

MATERIAL: UNS C95500

ROUGHNESS HEIGHT RATING 63 UNLESS OTHERWISE SPECIFIED, IN ACCORDANCE WITH ANSI B46.1 1978.

HARDNESS: ROCKWELL B-93 MIN.

BREAK SHARP EDGES 0.020.

DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS ± 0.010 .

MAX TAPER ON "A" DIMENSION NOT TO EXCEED 0.0005 PER INCH OF LENGTH.

THE BEARING CONTACTS ON THE TAPER CONE SEAT SHALL BE EVENLY DISTRIBUTED AND SHALL COVER NOT LESS THAN 75 PERCENT OF THE DESIGNED BEARING AREA WHEN CHECKED TO AN APPROVED GAGE PRIOR TO SPLITTING CONE.

CONE TO BE DIMENSIONALLY INSPECTED BEFORE SPLITTING.

IDENTIFICATION MARKING TO BE IN ACCORDANCE WITH MIL-STD-130.

ITEM PARTS COVERED BY THIS STANDARD ARE FUNCTIONALLY AND PHYSICALLY INTERCHANGEABLE WITH THOSE PARTS HAVING IDENTICAL DASH NUMBERS OF SUPERSEDED STANDARD AN5008.

FOR DESIGN FEATURE PURPOSES. THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.

METALS AND ALLOYS IN THE UNIFIED NUMBERING SYSTEM (UNS), APPLICATION FOR COPIES SHOULD BE ADDRESSED TO THE SOCIETY OF AUTOMOTIVE ENGINEERS, INC., 400 COMMONWEALTH DRIVE, WARRENDALE, PA 15096.

Custodians:

Army - AV
Navy - AS
Air Force - 99
DLA - CS

Preparing activity:

Air Force - 84

Agent:

Air Force - 99

Project 1610-0023