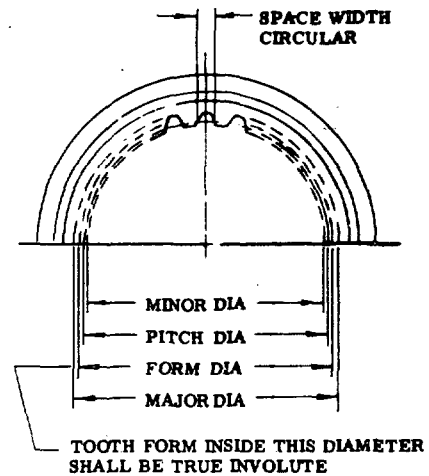
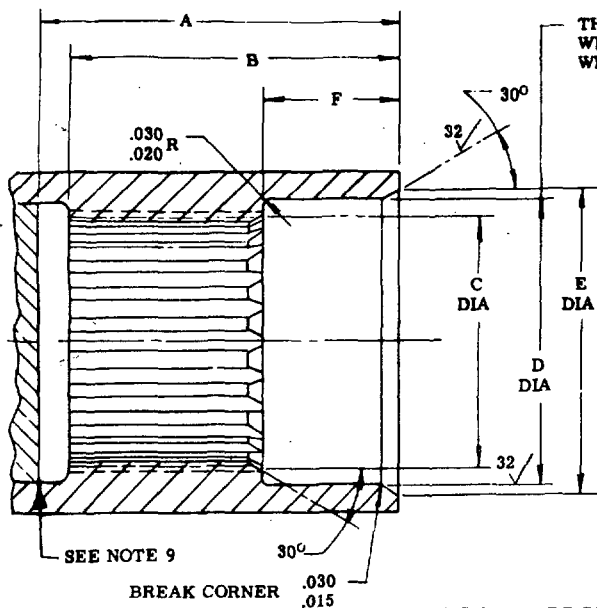


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SPLINE DESIGN DATA (INTERNAL)

PITCH DIA (REF)	NO. TEETH	DIAMETRAL PITCH	MAJOR DIA	FORM DIA MIN	MINOR DIA	SPACE WIDTH CIRCULAR	
						MAX ACTUAL	MIN EFFECTIVE
0.4583	11	24/48	0.5423 0.5333	0.5074	0.4217 0.4167	0.0678	0.0654
0.8000	12	20/40	0.7000 0.6900	0.6578	0.5550 0.5500	0.0811	0.0785
0.8000	16	20/40	0.8000 0.8900	0.8582	0.7550 0.7500	0.0812	0.0785
1.2000	24	20/40	1.3000 1.2900	1.2592	1.1550 1.1500	0.0814	0.0785
1.6250	26	16/32	1.7485 1.7375	1.6975	1.5675 1.5625	0.1011	0.0982
2.0000	32	16/32	2.1235 2.1125	2.0732	1.9425 1.9375	0.1012	0.0982

DRIVE SHAFT DESIGN DATA

PITCH DIA (REF)	A MIN	B MIN	C DIA	D DIA	E DIA	F
0.4583	1.310	1.230	0.498 0.458	0.815 0.813	0.688 0.668	0.630 0.620
0.6000	1.450	1.370	0.640 0.600	0.750 0.748	0.823 0.803	0.630 0.620
0.8000	1.630	1.550	0.840 0.800	1.000 0.998	1.084 1.064	0.670 0.660
1.2000	1.890	1.810	1.240 1.200	1.375 1.373	1.459 1.439	0.670 0.660
1.6250	2.160	2.080	1.665 1.625	1.813 1.811	1.897 1.877	0.670 0.660
2.0000	2.390	2.310	2.040 2.000	2.188 2.186	2.272 2.252	0.670 0.660

THIS IS A DESIGN STANDARD AND SHALL NOT BE USED AS A PART NUMBER.

P.A. NAVY - AS Other Cust	TITLE SPLINE DETAILS - DRIVE PADS AND ACCESSORY FLANGES, DESIGN STANDARD FOR	MILITARY STANDARD
		MS3335(AS)
PROCUREMENT SPECIFICATION None	SUPERSEDES:	SHEET 1 OF 3

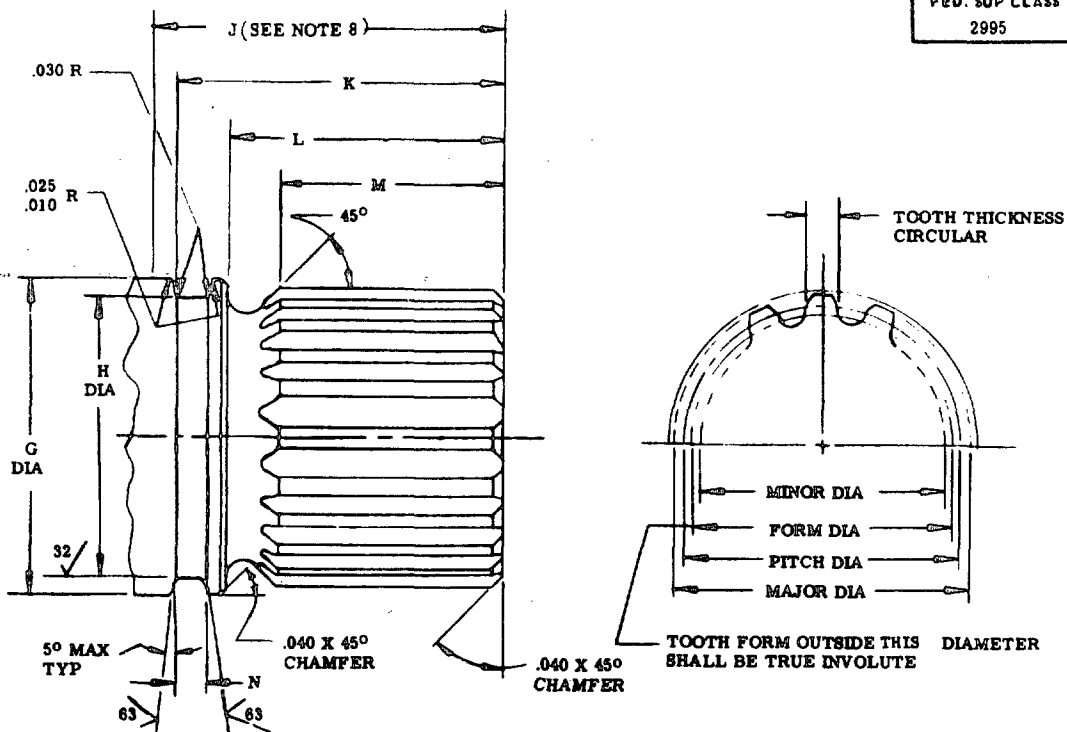
DD FORM 672-1 (Limited coordination)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

PLATE NO. 17708

This military standard is approved by NAVAL AIR SYSTEMS COMMAND, Department of the Navy and is mandatory for use by that activity. All other military activities are required to employ this standard where suitable.

APPROVED 8 Dec 1969

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DIAMETER G MUST BE CONCENTRIC WITH SPLINE PD WITHIN .002 FIR.
DIAMETER H MUST BE CONCENTRIC WITH DIAMETER G WITHIN .002 FIR.

SPLINE DESIGN DATA (EXTERNAL)

PITCH DIA (REF)	NO. TEETH	DIAMETRAL PITCH	MAJOR DIA	FORM DIA MAX	MINOR DIA	TOOTH THICKNESS CIRCULAR	
						MIN ACTUAL	MAX EFFECTIVE
0.4583	11	24/48	0.5000 0.4950	0.4083	0.3689 0.3599	0.0580	0.0604
0.6000	12	20/40	0.6500 0.6450	0.5422	0.4932 0.4832	0.0705	0.0731
0.8000	16	20/40	0.8500 0.8450	0.7418	0.6928 0.6828	0.0700	0.0727
1.2000	24	20/40	1.2500 1.2450	1.1408	1.0912 1.0812	0.0680	0.0719
1.6250	36	16/32	1.6875 1.6825	1.5525	1.4898 1.4788	0.0879	0.0908
2.0000	32	16/32	2.0625 2.0575	1.9268	1.8636 1.8528	0.0871	0.0901

DRIVE SHAFT DESIGN DATA

PITCH DIA (REF)	G DIA	H DIA	J MIN	K	L	M MIN	N	"O" RING DASH NO. SEE NOTE 7
0.4583	0.595 0.593	0.450 0.448	1.290	0.932 0.924	0.885 0.875	0.480	0.155 0.145	111
0.600	0.730 0.728	0.585 0.583	1.430	1.073 1.069	0.825 0.815	0.605	0.155 0.145	113
0.800	0.980 0.978	0.772 0.770	1.610	1.252 1.248	0.965 0.955	0.745	0.193 0.183	210
1.200	1.355 1.353	1.147 1.145	1.870	1.512 1.508	1.225 1.215	1.005	0.193 0.183	216
1.625	1.793 1.791	1.585 1.583	2.140	1.782 1.778	1.495 1.485	1.225	0.193 0.183	222
2.000	2.168 2.166	1.960 1.958	2.370	2.012 2.008	1.725 1.715	1.485	0.193 0.183	225

APPROVED 8 Dec 1969 REVISED

P.A. NAVY - AS Other Cust	TITLE SPLINE DETAILS - DRIVE PADS AND ACCESSORY FLANGES, DESIGN STANDARD FOR	MILITARY STANDARD
		MS3335(AS)
PROCUREMENT SPECIFICATION None	SUPERSEDES:	SHEET 2

FED. SUP CLASS
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NOTES:

1. SURFACE TEXTURE SHALL BE IN ACCORDANCE WITH USAS B46.1- 1962. WORKING SURFACES OF TEETH SHALL BE 63 MICRO INCHES
2. SURFACE HARDNESS: R_c 56 MIN
3. BREAK ALL SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED.
4. LINEAR DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED: TOLERANCES; DECIMALS+ .010, ANGLES $\pm 2^{\circ}$
5. SPLINE DATA: 30° PRESSURE ANGLE, FILLET ROOT SIDE FIT.
6. ALL DIMENSIONS NOT SHOWN IN SPLINE DESIGN DATA TABLES SHALL CONFORM TO SAE STANDARD J498. SAE DOCUMENTS ARE PUBLICATIONS OF THE SOCIETY OF AUTOMOTIVE ENGINEERS, INC.
7. FOR "O"-RING SIZE SEE MS33666.
8. SHAFT SHEAR SECTION SHALL NOT BE LOCATED WITHIN THIS AREA.
9. STOP SHALL BE PROVIDED TO PREVENT FAILED EXTERNAL SPLINE INGESTION.

This military standard is approved by NAVAL AIR SYSTEMS COMMAND, and is mandatory for use by Department of Defense activities and other military activities are required to employ this standard where suitable.

APPROVED 8 Dec 1969 REVISED

P.A. NAVY - AS Other Cust	TITLE SPLINE DETAILS-DRIVE PADS AND ACCESSORY FLANGES, DESIGN STANDARD FOR	MILITARY STANDARD MS3335(AS)
PROCUREMENT SPECIFICATION NONE	SUPERSEDES:	SHEET 3

DD FORM 672-1 (Limited coordination)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

PLATE NO. 12709

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