

USER SYMBOLS:
NAVY-AS

 REVIEWER SYMBOLS:
NAVY-AS

"Review/peer information is current as of the date of this document. For future coordination of changes to this document, draft circulation should be based on the information in the current 000135."

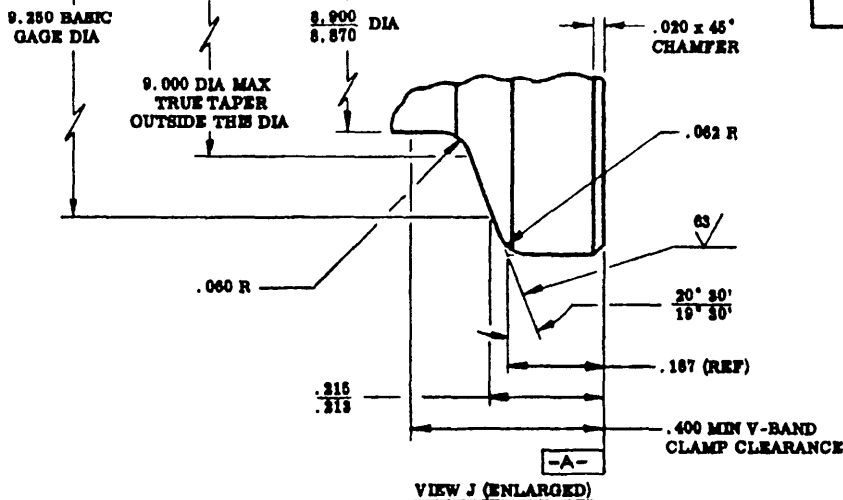
This military standard is approved by NAVAL AIR SYSTEMS COMMAND, Department of the Navy and is mandatory for use by that activity. All other military activities are required to employ this standard where suitable.

P.A. NAVY - AS Other Code		TITLE	MILITARY STANDARD
		FLANGE - ACCESSORY, 8.000 BC ROUND, DESIGN STANDARD FOR	MS3333 (AS)
PROCUREMENT SPECIFICATION NONE	SUPERSEDES		SHEET 2

DD FORM 672-1 (Limited coordination)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

PLATE NO. 17704



DASH NO.	SPLINE PD	SPLINE & SHAFT PROJECTION H
-1	.800	1.700 - 1.820
-2	1.200	1.980 - 2.080
-3	1.625	2.220 - 2.350

NOTES:

1. **STRENGTH:** THE MAXIMUM TORSIONAL STRENGTH OF THE ACCESSORY SHAFT SHALL NOT EXCEED THE MINIMUM STRENGTH REQUIREMENT OF THE APPLICABLE MATING DRIVE.
2. **MISALIGNMENT:** THE ACCESSORY SHALL BE PROVIDED WITH A RADIALLY LOOSE DRIVE SHAFT OR COUPLING. DESIGN SHALL BE SUCH THAT THE AXIS OF THE EXTERNAL SPLINE PITCH CYLINDER CANNOT BE DISPLACED MORE THAN 0.006 INCHES IN ANY DIRECTION IN THE PLANE OF SURFACE -A- FROM THE CENTER LINE AXIS ESTABLISHED BY DIA. -B-. THE ANGULAR MISALIGNMENT BETWEEN THESE AXES SHALL NOT EXCEED 0.003 INCHES PER INCH.
3. **SHAFT RETENTION:** THE ACCESSORY SHALL BE DESIGNED TO PREVENT DISENGAGEMENT OF THE "O" RING PACKING ON THE SHAFT COMPONENT IN THE EVENT OF A SHEAR SECTION FAILURE.
4. **OIL LEAKAGE:** THE ACCESSORY SHALL OPERATE SATISFACTORILY WHEN EXPOSED TO OIL LEAKAGE FROM THE DRIVE INTO THE PILOT COMPARTMENT NOT EXCEEDING 3 CC PER HOUR.
5. **FOR STARTER APPLICATIONS,** DIRECTION OF SLOTS TO BE SELECTED TO OPPOSE THE TORQUE DEVELOPED BY THE ACCESSORY.
6. **DIMENSIONS IN INCHES.** UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS $\pm .010$, ANGLES $\pm 2^\circ$.
7. **BREAK ALL SHARP EDGES** .003 - .015, UNLESS OTHERWISE SPECIFIED.
8. **SURFACE TEXTURE** IN ACCORDANCE WITH USAS B46.1-1962.
9. **SAE AS STANDARDS** ARE PUBLICATIONS OF THE SOCIETY OF AUTOMOTIVE ENGINEERS, INC., TWO PENNSYLVANIA PLAZA, NEW YORK, N. Y. 10001.

APPROVED 25 Mar 69 REVISED

