

USER SYMBOLS
NAVY-ASREVIEWER SYMBOLS
NAVY-AS

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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.

		FED. SUP CLASS 2995
<p>THIS IS A DESIGN STANDARD AND SHALL NOT BE USED AS A PART NUMBER.</p>		
P.A. NAVY - AS Other Cust	TITLE FLANGE-ACCESSORY 5 000 BC SQUARE. DESIGN STANDARD FOR	MILITARY STANDARD MS3331 (AS)
PROCUREMENT SPECIFICATION NONE	SUPERSEDES	SHEET 1 OF 2

DD FORM 672-1 (Limited coordination)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PLATE NO 17701

APPROVED 25 MAR 69 REVISED

DEPT SYMBOL:
NAVY-AS

REVIEW SYMBOL:
NAVY-AS

FED. SUP CLASS
2995

DASH NO.	SPLINE PD	SHAFT & SPLINE PROJECTION H
-1	.800	1.520-1.640
-2	.800	1.700-1.820

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 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. **DIMENSIONS IN INCHES.** UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS $\pm .010$, ANGLES $\pm 2^\circ$.
6. **BREAK ALL SHARP EDGES .003 - .015,** UNLESS OTHERWISE SPECIFIED.
7. **SURFACE TEXTURE IN ACCORDANCE WITH USAS B46.1-1982.**
8. **SAE AS STANDARDS ARE PUBLICATIONS OF THE SOCIETY OF AUTOMOTIVE ENGINEERS, INC., TWO PENNSYLVANIA PLAZA, NEW YORK, N. Y. 10001.**

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APPROVED 25 Mar 69 REVISED

P.A. NAVY - AS Other Cost	TITLE	MILITARY STANDARD
	PLANGE-ACCESSORY, 5.000BC SQUARE, DESIGN STANDARD FOR	MS3331 (AS)
PROCUREMENT SPECIFICATION NONE	SUPSEDEES	SHEET 1

DD FORM 672-1 (Limited circulation)

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PLATE NO. 17709

