

REQ SYMBOL:
NAVY-AS

REVISED SYMBOL:
NAVY-AS

"Revised/ear 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 revision."

This military standard is approved by NAVAL AIR SYSTEMS COMMAND,
Department of the Navy, unless otherwise indicated. The use by
other military departments is required
to comply with standard when specified.

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 $\square-A-$ FROM THE CENTER LINE AXIS ESTABLISHED BY DIA. $\square-B-$. 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. 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 B46.1-1962.
8. 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

P.A. NAVY - AS Other Cost	TITLE	MILITARY STANDARD
	FLANGE-ACCESSORY, 2.653 BC SQUARE, DESIGN STANDARD FOR	MS3330 (AS)
PROCUREMENT SPECIFICATION NONE	SUPERSEDES:	SHEET 1

