

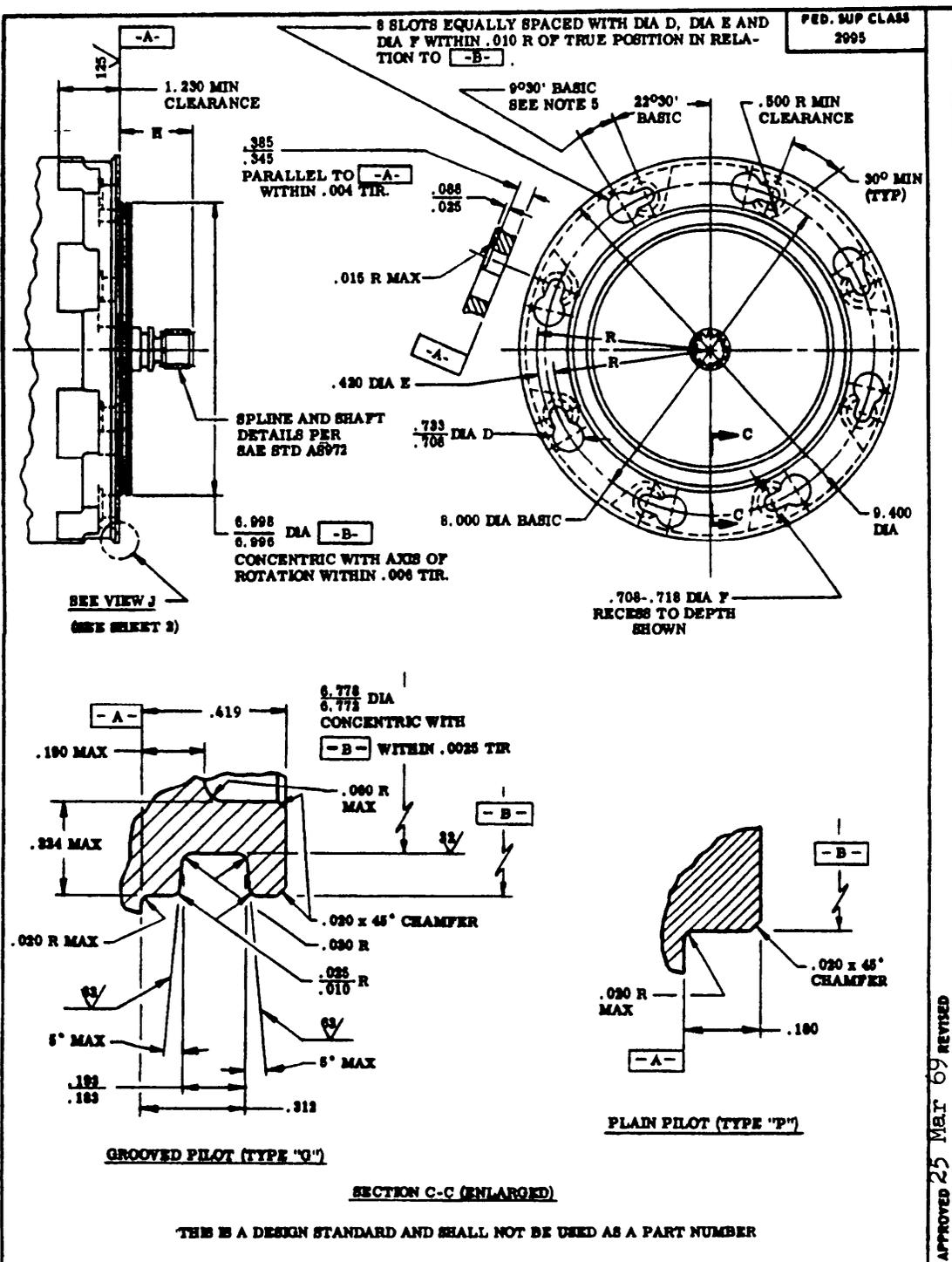
FED. SUP CLASS
2095

USER SYMBOL:
NAVY-AS

REVERSE SYMBOL:
NAVY-AS

This military standard is approved by NAVAL AIR SYSTEMS COMMAND, for future coordination of changes to this document, draft circulation should be based on the information in the current 000123.

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APPROVED 25 MAR 69 REVISED

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| 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 1 OF 2 |

USER SYMBOLS:
NAVY-AS

REVISED SYMBOLS:
NAVY-AS

"Revision/issue 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 000131."

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 invited to embody this standard where suitable.

FED. SUP CLASS
2995

VIEW J (ENLARGED)

| 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:

- STRENGTH:** THE MAXIMUM TORSIONAL STRENGTH OF THE ACCESSORY SHAFT SHALL NOT EXCEED THE MINIMUM STRENGTH REQUIREMENT OF THE APPLICABLE MATING DRIVE.
- 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.
- 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.
- 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.
- FOR STARTER APPLICATIONS,** DIRECTION OF SLOTS TO BE SELECTED TO OPPOSE THE TORQUE DEVELOPED BY THE ACCESSORY.
- DIMENSIONS IN INCHES.** UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS ± .010, ANGLES ± 2°.
- BREAK ALL SHARP EDGES .003 - .015,** UNLESS OTHERWISE SPECIFIED.
- SURFACE TEXTURE IN ACCORDANCE WITH USAS B46.1-1962.**
- 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

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| P.A. NAVY - AS Other Code | TITLE FLANGE - ACCESSORY, 8.000 BC ROUND, DESIGN STANDARD FOR | MILITARY STANDARD MS 3333 (AS) |
| PROCUREMENT SPECIFICATION NONE | SUPERSEDES | SHEET 2 |

