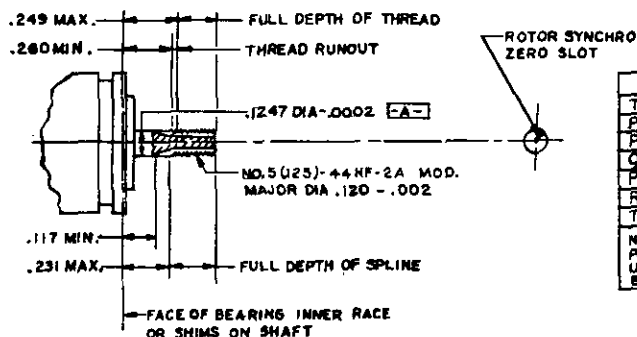
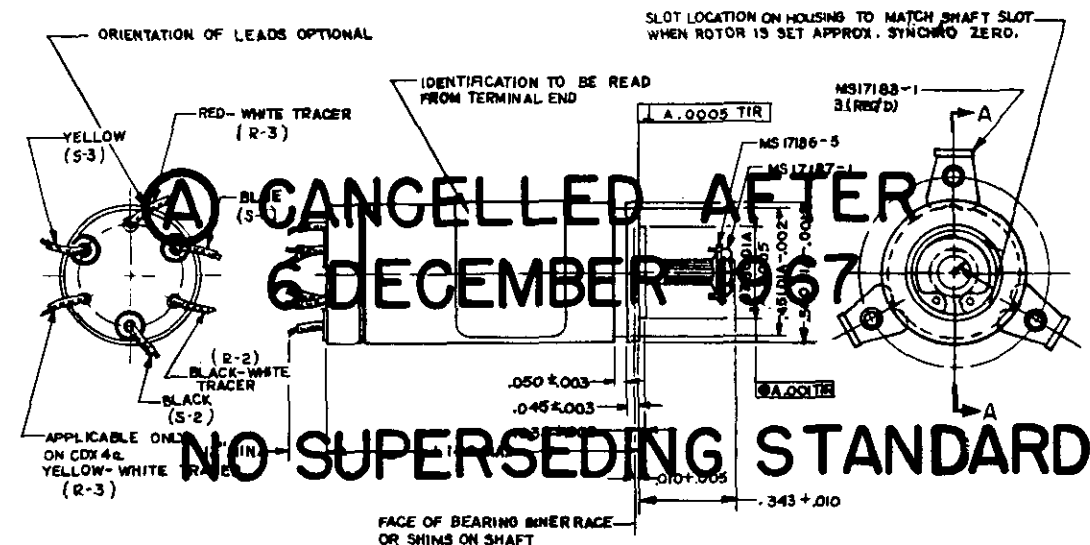


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INVOLUTE SPLINE DATA	
TEETH	13
PITCH	120
PITCH DIAMETER	J.083 - .0020
OUTSIDE DIAMETER	J.246 - .0002
PRESSURE ANGLE	20°
ROOT DIAMETER MAX	.089
TOOTH FORM	FULL DEPTH INVOLUTE

NOTE: THE END FUNCTIONAL OF THIS SPLINE IS FOR POSITIVE ROTATIONAL FASTENINGS IT IS NOT TO BE USED AS A GEAR THIS SPLINE SHALL INSPECT TO BY GD 60 SPLINE RING BSK 3A 241 1904

PARTIAL SECTION A-A

NOTES:

1. INTERPRET CONCENTRICITY AND PERPENDICULARITY IN ACCORDANCE WITH MIL-STD-8.
2. RUNOUT OF \square DIAMETER (SMOOTH PORTION) SHALL NOT EXCEED .001 TIR.
3. CONCENTRICITY AND PERPENDICULARITY SHALL BE MEASURED WITH A UNIT IN A VERTICAL POSITION.
4. END PLAY MEASURED AS TOTAL MOVEMENT DURING REVERSAL OF 1/2 POUND AXIAL LOAD SHALL BE .0005 INCHES MIN TO .0015 MAX.
5. RADIAL PLAY MEASURED AS CLOSE TO THE BEARING AS POSSIBLE SHALL NOT EXCEED .0008 INCHES MAX. TIR DURING REVERSAL OF 4 OZ. LOAD APPLIED NOT MORE THAN 1/8 INCH FROM END OF SHAFT.
6. UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES TOLERANCES ON FRACTIONS $\pm 1/64$ DECIMALS $\pm .005$ ANGLES $\pm 1^\circ$

MS	PART NO.
MS	-1
MS	-2
MS	-3

TYPES
O5CX 4a
O5CT 4a
O5CDX 4a

This standard has been approved by the Department of the ARMY and is mandatory for use by that activity. All other military activities are required to employ this standard where suitable.

P.A. **ORD**
Other Cust

TITLE
SYNCHRO SIZE 05,
TYPES 05CX4a, 05CT4a, 05CDX 4a

MILITARY STANDARD

MS 5/604 (ORD)

PROCUREMENT SPECIFICATION
MIL-S-20708

SUPERSEDES:

SHEET 1 OF 2

APPROVED 24 JUN 62 REVISED (A) 6 DEC. 67