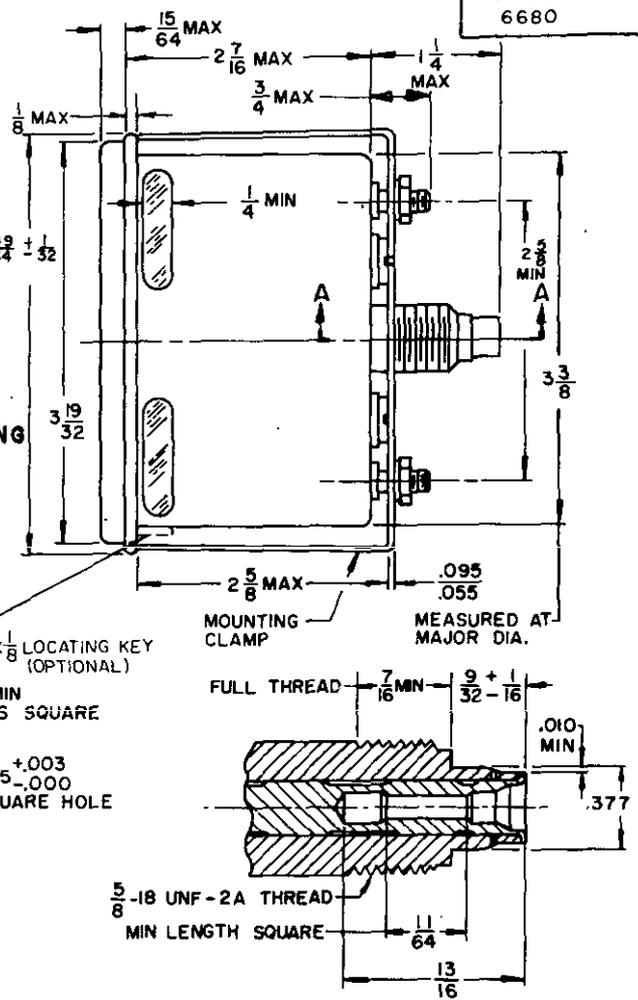
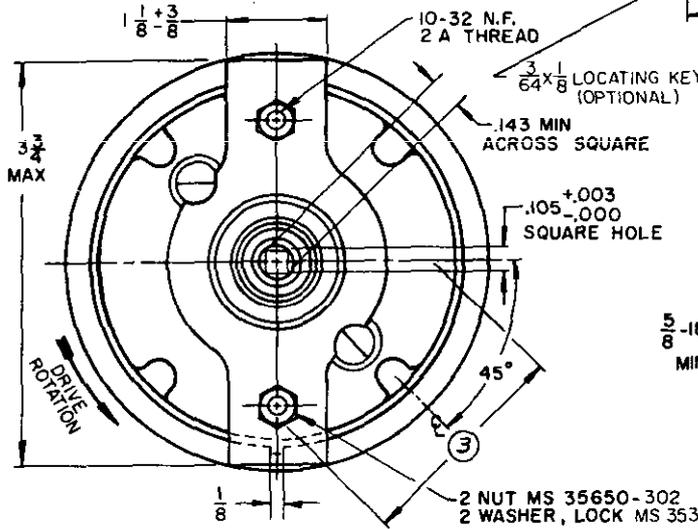
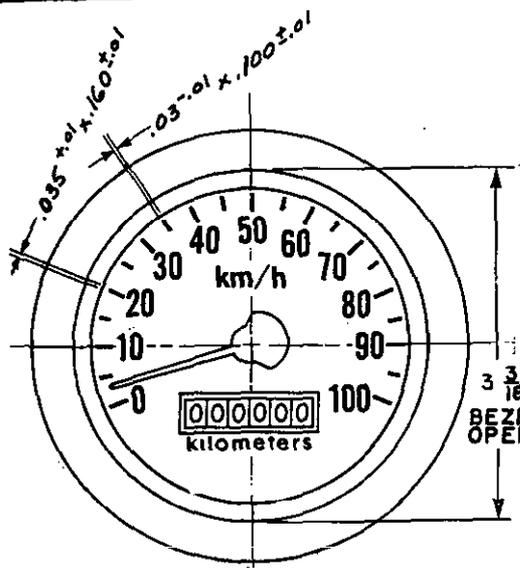


FED. SUP CLASS  
6680

USER ACTIVITIES:  
NAVY - MC

REVIEW ACTIVITIES:  
DLA-GS



**SECTION A-A**  
**INSTRUMENT CONNECTION**

2 NUT MS 35650-302  
2 WASHER, LOCK MS 35338-43

**REQUIREMENTS:**

1. TYPE I (MECHANICAL), GROUP A (SPEEDOMETER, FIXED MOUNTING) OF PROCUREMENT SPECIFICATION.
2. UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES, TOLERANCES ARE  $\pm 1/64$  ON FRACTIONS,  $+ .005$  ON DECIMALS,  $+ 1^\circ$  ON ANGULAR DIMENSIONS.
3. FOUR (4) ILLUMINATING WINDOWS 1-55/64 MIN. CHORDAL LENGTH, EQUALLY SPACED  $45^\circ$  OFF HORIZONTAL CENTERLINE.
4. THREADS SHALL BE IN ACCORDANCE WITH SCREW THREADS STANDARDS FOR FEDERAL SERVICES, HANDBOOK H28.
5. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.
6. DIAL FACE CONFIGURATION: NUMERALS SHALL BE  $.18$  HIGH; "kilometers" SHALL CONSIST OF LOWER CASE LETTERS  $.06$  (MIN) HIGH; "km/h" SHALL CONSIST OF LOWER CASE LETTERS  $.12$  (MIN) HIGH.

**NOTES:**

1. FOR FLEXIBLE SHAFT ASSEMBLIES - SEE MS 51071.
2. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
3. FOR INFORMATION OTHER THAN SHOWN HEREON, SEE PROCUREMENT SPECIFICATION.
4. THIS STANDARD IS NOT INTENDED TO LIMIT CONSTRUCTION TO FEATURES OTHER THAN AS SHOWN HEREON BY DIMENSIONS, NOTATIONS AND REFERENCED DOCUMENTS.

**METRIC**

DS PART NO.  
DS52140-1

APPROVED 28 SEP 77 REVISED

This military standard is approved for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

P.A. ARMY-AT	TITLE	MILITARY STANDARD
Other Cust NAVY - YD	<b>SPEEDOMETER MECHANICAL (0-100 km/h)</b>	<b>DS 52140</b>
PROCUREMENT SPECIFICATION MIL-S-10215	SUPERSEDES.	SHEET OF