

INCH-POUND

MIL-DTL-10215N  
30 April 2019  
SUPERSEDING  
MIL-DTL-10215M  
21 June 2010

## DETAIL SPECIFICATION

### SPEEDOMETERS, TACHOMETERS, FLEXIBLE SHAFT ASSEMBLIES, FLEXIBLE SHAFT ASSEMBLY CORES AND ADAPTERS

This specification is approved for use by all Departments and Agencies of the Department of Defense.

#### 1. SCOPE

1.1 Scope. This specification covers mechanical speedometers and tachometers, flexible shaft assemblies, flexible shaft assembly cores and adapters.

1.2 Classification. The speedometers, tachometers, shaft assemblies, cores and adapters are of the groups and classes as specified below (see [6.2](#)).

1.2.1 Groups. The groups of speedometers, tachometers, flexible shaft assemblies, cores and adapters are as follows:

Group A - Speedometer, 0-60 miles per hour (mph), fixed mounting

Group B - Tachometer, fixed mounting

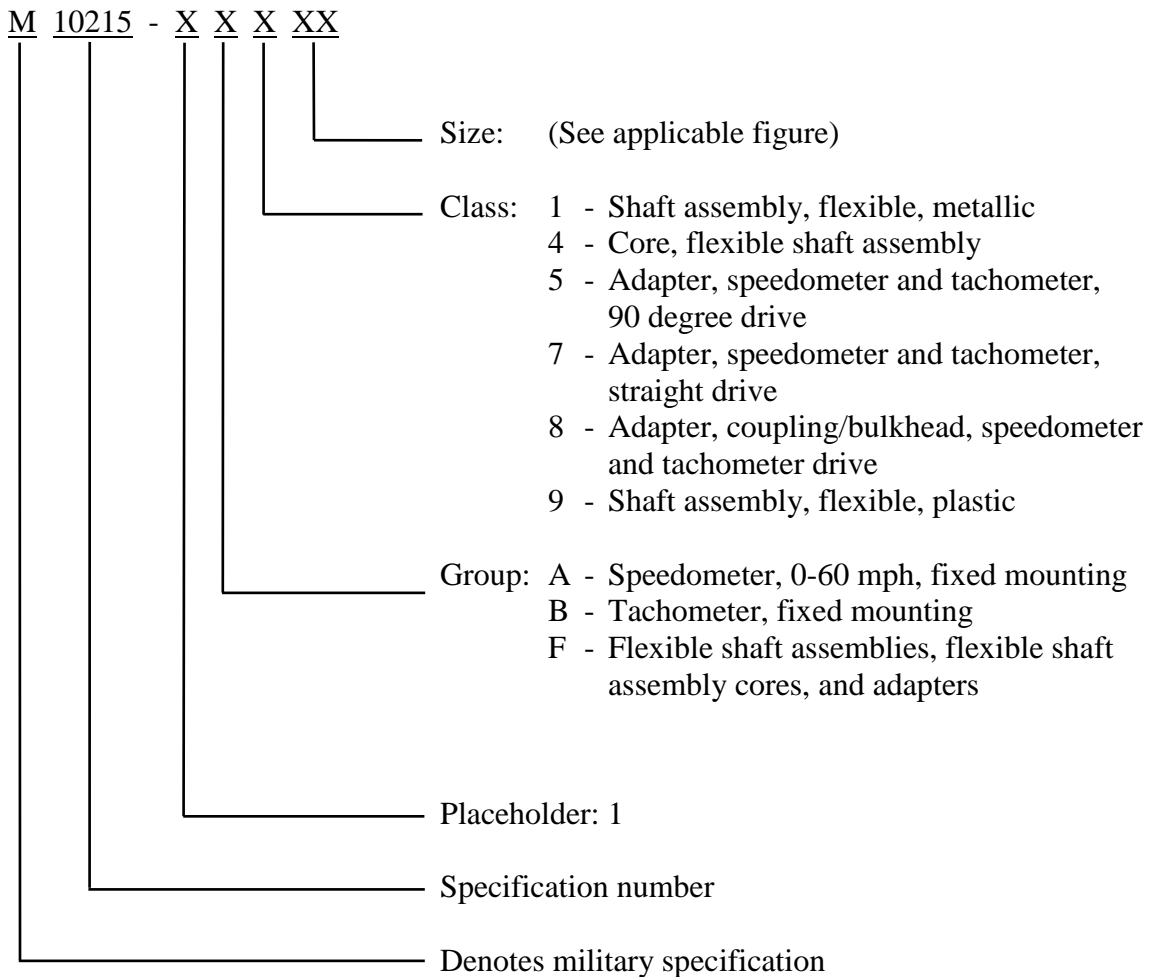
Group F - Flexible shaft assemblies, flexible shaft assembly cores, and adapters

Comments, suggestions, or questions on this document should be addressed to DLA Aviation - VEB, 8000 Jefferson Davis Highway, Richmond, VA 23297-5616, or e-mailed to [STDZNMGT@dla.mil](mailto:STDZNMGT@dla.mil). Since contact information can change, you may want to verify the currency of this address information using the ASSIST database at <https://assist.dla.mil/>.

1.2.2 Classes. The classes of shaft assemblies (flexible, metallic or plastic), cores and adapters are as follows:

- Class 1 - Shaft assembly, flexible, metallic
- Class 4 - Core, flexible shaft assembly
- Class 5 - Adapter, speedometer and tachometer, 90 degree drive
- Class 7 - Adapter, speedometer and tachometer, straight drive
- Class 8 - Adapter, coupling/bulkhead, speedometer and tachometer drive
- Class 9 - Shaft assembly, flexible, plastic

1.3 Part or identifying number (PIN). The PIN to be used for instruments acquired to this specification is created as follows:



## 2. APPLICABLE DOCUMENTS

2.1 General. The documents listed in this section are specified in sections 3 and 4 of this specification. This section does not include documents cited in other sections of this specification or recommended for additional information or as examples. While every effort has been made to ensure the completeness of this list, document users are cautioned they must meet all specified requirements of documents cited in sections 3 and 4 of this specification, whether or not they are listed.