

AEROSPACE MATERIAL SPECIFICATION

SAE AMS-QQ-W-428/2

REV. A

Issued 2001-05
Noncurrent 2003-10
Reaf. Nonc. 2013-04

Superseding AMS-QQ-W-428/2

Wire, Steel, High Carbon, Round, Type III

RATIONALE

AMS-QQ-W-428/2A has been reaffirmed to comply with the SAE five-year review policy.

NONCURRENCY NOTICE

This specification has been declared "NONCURRENT" by the Aerospace Materials Division, SAE, as of October, 2003. It is recommended, therefore, that this specification not be specified for new designs.

"NONCURRENT" refers to those specifications which have previously been widely used and which may be required on some existing designs in the future. The Aerospace Materials Division, however, does not recommend these specifications for future use in new designs. "NONCURRENT" specifications are available from SAE upon request. Similar but not necessarily identical products are covered by the following specifications:

AMS-QQ-W-428 Type II

ASTM A 227 - Standard Specification for Steel Wire, Cold-Drawn for Mechanical Springs

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SAE reviews each technical report at least every five years at which time it may be reaffirmed, revised, or cancelled. SAE invites your written comments and suggestions.

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NOTICE

This document has been taken directly from U.S. Military Specification QQ-W-428/2 and contains only minor editorial and format changes required to bring it into conformance with the publishing requirements of SAE technical standards. The initial release of this document is intended to replace QQ-W-428/2. Any part numbers established by the original specification remain unchanged.

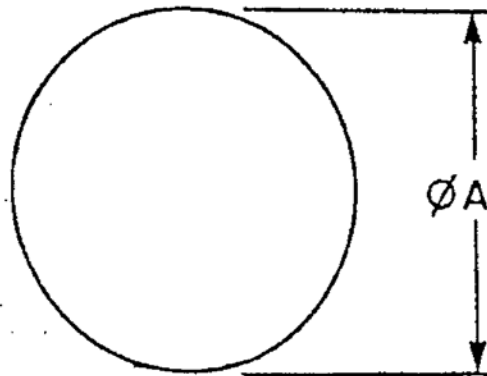
The original Military Specification was adopted as an SAE standard under the provisions of the SAE Technical Standards Board (TSB) Rules and Regulations (TSB 001) pertaining to accelerated adoption of government specifications and standards. TSB rules provide for (a) the publication of portions of unrevised government specifications and standards without consensus voting at the SAE Committee level, and (b) the use of the existing government specification or standard format.

Under Department of Defense policies and procedures, any qualification requirements and associated qualified products lists are mandatory for DOD contracts. Any requirement relating to qualified products lists (QPL's) has not been adopted by SAE and is not part of this SAE technical document.

This specification is approved by the Commissioner, Federal Supply Service, General Services Administration, for the use of all Federal agencies.

The complete requirements for procuring the wire described herein shall consist of this document and the latest issue of QQ-W-428/GEN.

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NOTES:

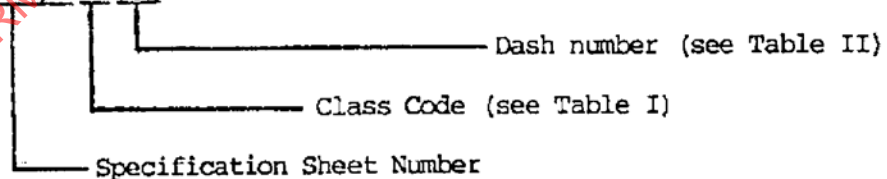
1. All dimensions are in inches

FIGURE 1. WIRE, STEEL, HIGH CARBON, ROUND, TYPE III

Requirements:

1. Material. Wire, steel, high carbon, soft spring wire and classes as specified in Table I.
2. Marking. Products shall be marked in accordance with MIL-STD-163 with the exception that a part number from this federal specification sheet shall be included as part of the identification marking.
3. Part number. The part number consists of the basic number of this specification sheet, a class code taken from Table I and a dash number taken from Table II.

EXAMPLE: QQW428/2 B 001



QQW428/2B001 indicates - Wire, Steel, High Carbon: OD 0.0317 inches: length 373 feet; Class Code (307-347 K.S.I. tensile strength)