

REV.
B

AS3619™

FEDERAL SUPPLY CLASS
5340

RATIONALE

REVISED TO PROVIDE A PART NUMBERING SYSTEM WHICH WILL ALLOW THE USER OF THIS STANDARD TO SELECT ELONGATED FERRULES ONLY, OR ELONGATED FERRULES, WITH A SAFETY CABLE (KIT).

AS3619B HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

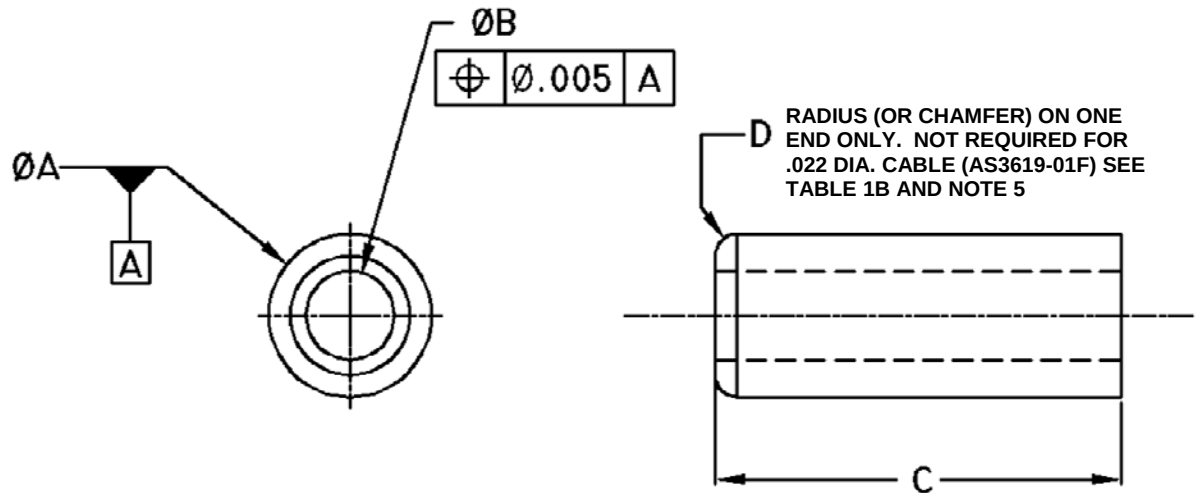


FIGURE 1 - SAFETY CABLE - ELONGATED FERRULE

TABLE 1A - DIMENSIONS A-C

PART NUMBER	Ø A INCH	Ø B INCH	C INCH	USE WITH SAFETY CABLE SIZE: SEE NOTES 2&3
AS3619-01F	.089-.091	.029-.032	.185-.200	.022-.026
AS3619-02F	.104-.106	.043-.049	.305-.325	.032-.038
AS3619-03F	.104-.106	.051-.057	.305-.325	.040-.046
AS3619-04F	.149-.151	.080-.083	.365-.385	.062-.072

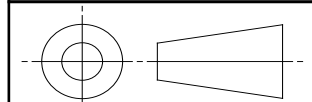
SEE TABLE 2 FOR SAFETY CABLE KIT PART NUMBERS

TABLE 1B - RADIUS/CHAMFER DETAILS

PART NUMBER	D RADIUS/CHAMFER (SEE FIGURE 1)
AS3619-01F	NO RADIUS/CHAMFER REQUIRED
AS3619-02F	.055 MINIMUM
AS3619-03F	.055 MINIMUM
AS3619-04F	.095 MINIMUM

For more information on this standard, visit
<https://www.sae.org/standards/content/AS3619B/>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS4536



AEROSPACE STANDARD

(R) CABLE, SAFETY, FERRULE, ELONGATED
AND KITS, NICKEL ALLOY, UNS N06600

AS3619™
SHEET 1 OF 2

REV.
B

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TABLE 2 - AS3619--**K SAFETY CABLE KIT REQUIREMENTS (REFERENCE AS3509 AND NOTE 16 BELOW)**

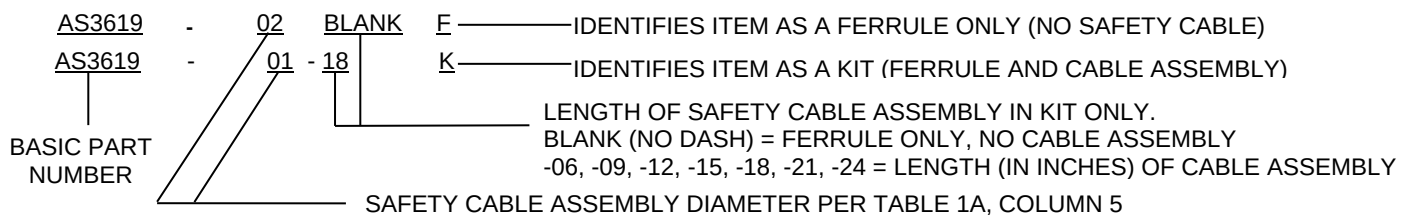
PART NUMBER	SAFETY CABLE KIT COMPONENTS
AS3619-01-**K	AS3619-01F ELONGATED FERRULE, WITH AS3509-01**C SAFETY CABLE ASSEMBLY
AS3619-02-**K	AS3619-02F ELONGATED FERRULE, WITH AS3509-02**C SAFETY CABLE ASSEMBLY
AS3619-03-**K	AS3619-03F ELONGATED FERRULE, WITH AS3509-03**C SAFETY CABLE ASSEMBLY
AS3619-04-**K	AS3619-04F ELONGATED FERRULE, WITH AS3509-04**C SAFETY CABLE ASSEMBLY

** LENGTH OF SAFETY CABLE IN KIT(REFER TO NOTE 16 AND AS3509 FOR LENGTH OPTIONS).

NOTES:

1. MATERIAL: FERRULE - AMS5687, NICKEL ALLOY STEEL (UNS N06600 NICKEL ALLOY STEEL) CHEMICAL COMPOSITION ONLY.
2. USE WITH SAFETY CABLE OF THE SAME MATERIAL ONLY (REFERENCE AS3509 – SEE TABLE 2).
3. PROCUREMENT SPECIFICATION: AS4536
4. INSTALLATION IN ACCORDANCE WITH AS567.
5. INSTALL THE FERRULE WITH THE RADIUS (OR CHAMFER) END TOWARD THE FASTENER.
6. MARK PART NUMBER AND MANUFACTURER IDENTIFICATION ON THE PACKAGING PER AS478 CLASS N.
7. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994.
8. DIMENSIONS ARE IN INCHES.
9. FERRULES SHALL BE PACKAGED IN ACCORDANCE WITH AS4536 (SEE NOTE 13).
10. DO NOT USE UNASSIGNED PART NUMBERS.
11. AS AND AMS ARE SAE INTERNATIONAL PUBLICATIONS.
12. ASME Y14.5M-1994 IS AN ASME PUBLICATION.
13. PRODUCTS SUPPLIED TO THIS STANDARD SHALL BE PACKAGED IN UNITS OF 50 PIECES PER PACKAGE IN ACCORDANCE WITH AS4536. ALL FERRULES SHALL BE SUPPLIED IN A DISPOSABLE MAGAZINE, EACH CONTAINING 50 FERRULES (OR KITS), AND CONFIGURED IN SUCH A MANNER AS TO ALLOW THE CABLE TO ENTER THE FERRULE, AND EXTRACT ONE FERRULE AT A TIME.
14. AS3619 ELONGATED FERRULES ARE REQUIRED TO BE COMPATIBLE WITH THE SAME INSTALLATION TOOL THAT IS USED WITH STANDARD SAFETY CABLE FERRULES, AND, WHEN INSTALLED USING THE SAME INSTALLATION PROCESSES, WILL MEET THE REQUIRED MINIMUM PULL-OFF AND FLEX TESTING REQUIREMENTS SPECIFIED IN AS4536.
15. USE AS3619 ELONGATED FERRULES WHERE THE INSTALLATION TOOL NOSE WILL NOT ALIGN WITH THE FASTENER DUE TO A LOW PROFILE CONFIGURATION OR RESTRICTED ACCESS BY AN OBSTRUCTION WHERE A STANDARD LENGTH FERRULE WILL NOT BOTTOM IN THE TOOL CRIMP CAVITY.
16. FIRST EXAMPLE OF AN ELONGATED FERRULE PART NUMBER FOR .032 DIAMETER CABLE.

SECOND EXAMPLE OF A SAFETY CABLE KIT PART NUMBER (LOWER) FOR .022 CABLE ASSEMBLY (18 INCH) AND AN ELONGATED FERRULE.



17. A CHANGE BAR (I) LOCATED IN THE LEFT MARGIN IS FOR THE CONVENIENCE OF THE USER IN LOCATING AREAS WHERE TECHNICAL REVISIONS, NOT EDITORIAL CHANGES, HAVE BEEN MADE TO THE PREVIOUS ISSUE OF THIS DOCUMENT. AN (R) SYMBOL TO THE LEFT OF THE DOCUMENT TITLE INDICATES A COMPLETE REVISION OF THE DOCUMENT, INCLUDING TECHNICAL REVISIONS. CHANGE BARS AND (R) ARE NOT USED IN ORIGINAL PUBLICATIONS NOR IN DOCUMENTS THAT CONTAIN EDITORIAL CHANGES ONLY.

	AEROSPACE STANDARD		AS3619™ SHEET 2 OF 2	REV. B
	(R) CABLE, SAFETY, FERRULE, ELONGATED AND KITS, NICKEL ALLOY, UNS N06600			



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