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REV.  
A

AS7512™

FEDERAL SUPPLY CLASS  
4730

#### RATIONALE

INTERCHANGEABILITY (PERFORMANCE) OF SLEEVES (AS7514) AND COUPLINGS (AS7515) USED TOGETHER FROM DIFFERENT SUPPLIERS HAS NOT BEEN VERIFIED. SUSPEND QPL AS7514 AND QPL AS7515 DUE TO THIS SAFETY CONCERN. SLEEVE AND COUPLING MUST BE PURCHASED TOGETHER AS AN ASSEMBLED COUPLING/KIT (AS7512).

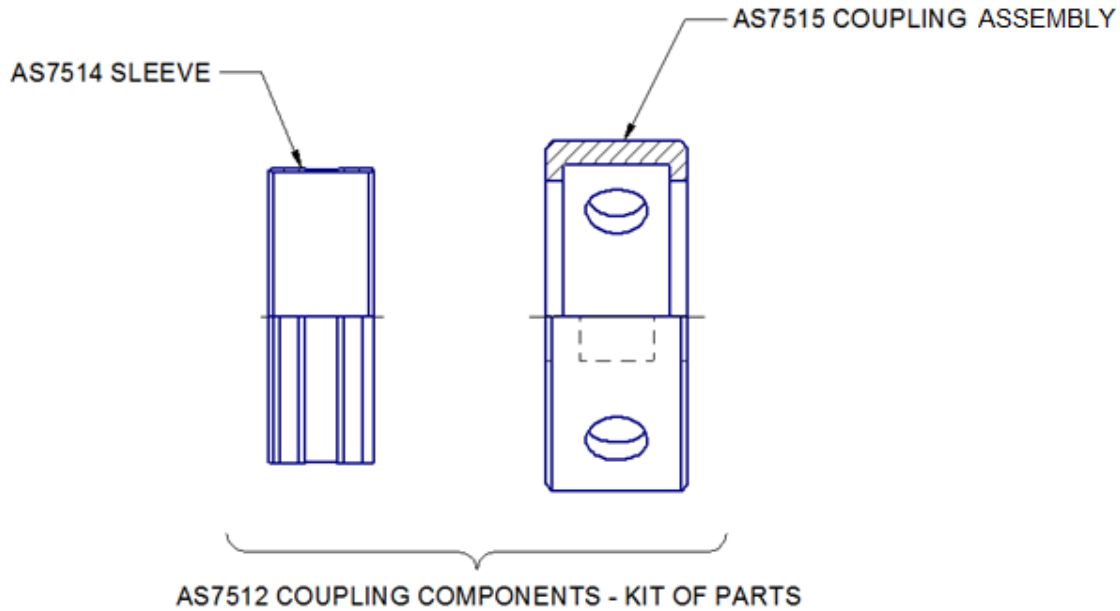
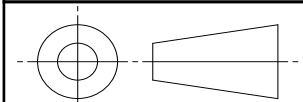


FIGURE 1

For more information on this standard, visit  
<https://www.sae.org/standards/content/AS7512A>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3A

PROCUREMENT SPECIFICATION: AS7510 /4/



#### AEROSPACE STANDARD

COUPLING COMPONENTS, THREADLESS,  
FLEXIBLE, FIXED CAVITY, CURRENT CARRYING,  
SELF CONDING, KIT OF PARTS

AS7512™  
SHEET 1 OF 2

REV.  
A

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NOTES:

/1/ MATERIAL: IN ACCORDANCE WITH THE APPLICABLE COMPONENTS STANDARDS. THE COUPLING COMPONENTS SHALL CONSIST OF THE FOLLOWING:

MATERIAL CODE LETTER A (ALUMINUM ALLOY):

1. (1) SLEEVE: AS7514 A (SIZE).
2. (1) COUPLING ASSEMBLY: AS7515 A (SIZE).
2. HEAT TREATMENT AND FINISH: IN ACCORDANCE WITH THE APPLICABLE COMPONENTS STANDARDS.
3. INTENDED USE: THE AS7512 COUPLING COMPONENTS PART NUMBER IS INTENDED FOR USE AS A DRAWING CALLOUT ON INSTALLATION DRAWINGS.
4. IDENTIFICATION: MARK PER AS478-35D OR AS478-30 USING .062 OR LARGER CHARACTERS. MARK AS A MINIMUM THE MANUFACTURER'S NAME, OR CAGE CODE, COMPLETE "AS" NUMBER AND DATE OF MANUFACTURE IN ACCORDANCE WITH MIL-STD-130. SIZES 20 AND SMALLER MAY BE INDIVIDUALLY BAGGED WITH A TAG PER AS478-35D IN ACCORDANCE WITH THE APPLICABLE COMPONENTS STANDARDS.
5. COUPLING COMPONENTS SHALL CONSIST OF ONE EACH AS7514( ) ( ) AND AS7515( ) ( ) PACKAGED TOGETHER IN ONE BAG. THE BAG CONTAINING THE COUPLING ASSEMBLY PARTS SHALL BE MARKED PER /7/.

/6/ COUPLING COMPONENTS SUPPLIED TO THIS SPECIFICATION SHALL BE MANUFACTURED AND ASSEMBLED BY AN ACCREDITED MANUFACTURER LISTED IN THE PERFORMANCE REVIEW INSTITUTE (PRI) QUALIFIED PRODUCTS LIST (QPL), PRI-QPL-AS7510 /8/. THE QPL IS AVAILABLE AT [www.eAuditNet.com](http://www.eAuditNet.com).

/7/ FORMAT OF PART NUMBER: AS7512 A 32

BASIC PART NUMBER

MATERIAL CODE LETTER /1/

SIZE CODE, TUBE SIZE IN

.062 IN INCREMENTS (SEE APPLICABLE COMPONENT STANDARD)

EXAMPLE OF PART NUMBER: AS7512A32 /5/

/8/ USERS SHALL PURCHASE THE SLEEVE (AS7514) AND COUPLING (AS7515) AS AN ASSEMBLED COUPLING/KIT (AS7512). SLEEVE (AS7514) AND COUPLING (AS7515) CANNOT BE PURCHASED SEPARATELY. THEY MUST BE PURCHASED AND USED TOGETHER FROM THE SAME SUPPLIER TO ENSURE THE PERFORMANCE REQUIREMENTS OF AS7510 ARE MET.

SPECIFICATION NOTES:

1. REVISION INDICATOR: 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.

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|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|--------------------------------|-------------------------|
|  | <b>AEROSPACE STANDARD</b>                                                                                   | <b>AS7512™</b><br>SHEET 2 OF 2 | <b>REV.</b><br><b>A</b> |
|                                                                                     | COUPLING COMPONENTS, THREADLESS,<br>FLEXIBLE, FIXED CAVITY, CURRENT CARRYING,<br>SELF CONDING, KIT OF PARTS |                                |                         |



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