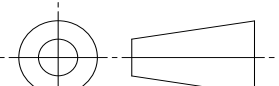


REV. A			FEDERAL SUPPLY CLASS 5330
SAE AMS-P-83461/2	AMS-P-83461/2 IS A WORD FOR WORD COPY OF MIL-P-83461/2. AS83461/2 - "PACKING, PREFORMED - M83461 STRAIGHT THREAD TUBE FITTING BOSS" WAS RELEASED ON 25 SEPTEMBER 2009 TO REPLACE AMS-P-83461/2. ON 20 JANUARY 2010, THE U.S. DEPARTMENT OF DEFENSE WITHDREW ITS ADOPTION OF AMS-P-83461/2 AND DIRECTED THAT FUTURE ACQUISITION REFER TO AS83461/2. TO STREAMLINE THE ACQUISITION PROCESS AND TO BE CONSISTENT WITH THE ACTIONS OF THE U.S. DEPARTMENT OF DEFENSE AMS-P-83461/2 IS CANCELLED AND REPLACED BY AS83461/2 FOR PROCUREMENT PURPOSES. CANCELLATION NOTICE THIS SPECIFICATION HAS BEEN DECLARED "CANCELLED" BY THE AEROSPACE MATERIALS DIVISION, SAE, AS OF MARCH 2011 AND HAS BEEN SUPERSEDED BY AS83461/2. THE REQUIREMENTS OF THE LATEST ISSUE OF AS83461/2 SHALL BE FULFILLED WHENEVER REFERENCE IS MADE TO THE CANCELLED AMS-P-83461/2. BY THIS ACTION, THIS DOCUMENT SHALL REMAIN LISTED IN THE NUMERICAL SECTION OF THE INDEX OF AEROSPACE MATERIAL SPECIFICATIONS, NOTING THAT IT HAS BEEN SUPERSEDED BY AS83461/2. CANCELLED SPECIFICATIONS ARE AVAILABLE FROM SAE.		
SAENORM.COM : Click to view the full PDF of amsp83461_2a			
SAE values your input. To provide feedback on this Technical Report, please visit http://www.sae.org/technical/standards/AMSP83461/2A		THIRD ANGLE PROJECTION 	
PREPARED UNDER THE JURISDICTION OF AMS COMMITTEE "CE"			
SAE Aerospace An SAE International Group	AEROSPACE MATERIAL SPECIFICATION PACKING, PREFORMED, PETROLEUM-HYDRAULIC FLUID RESISTANT, IMPROVED PERFORMANCE AT 275 °F (135 °C) FOR USE IN BOSS FITTINGS, SIZES AND TOLERANCES		SAE AMS-P-83461/2 SHEET 1 OF 4 REV. A

NOTICE

THIS DOCUMENT HAS BEEN TAKEN DIRECTLY FROM U.S. MILITARY SPECIFICATION MIL-P-83461/2, NOTICE 1, 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 MIL-P-83461/2, NOTICE 1. 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.

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 An SAE International Group	AEROSPACE MATERIAL SPECIFICATION	 AMS-P-83461/2 SHEET 2 OF 4	REV. A
	PACKING, PREFORMED, PETROLEUM HYDRAULIC FLUID RESISTANT, IMPROVED PERFORMANCE AT 275 °F (135 °C) FOR USE IN BOSS FITTINGS, SIZES AND TOLERANCES		

The requirements for acquiring the product described herein shall consist of this specification sheet and the issue of the following specification listed in that issue of the Department of Defense Index of Specifications and Standards (DODISS) specified in the solicitation: MIL-P-83461.

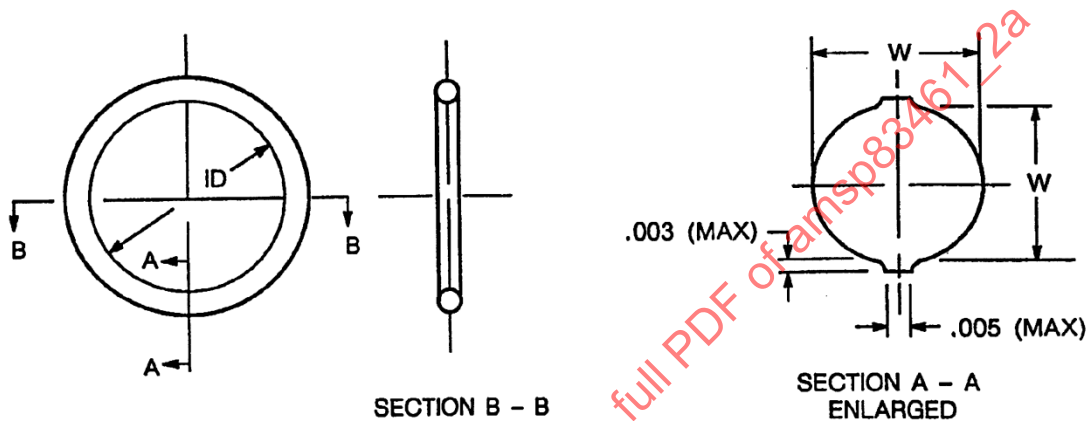
Purpose: The purpose of this specification sheet is to set up a standardized part numbering system for O-rings procured to MIL-P-83461 for use in straight thread tube boss fittings.

APPLICABLE DOCUMENT

Available from SAE, 400 Commonwealth Drive, Warrendale, PA 15096-0001.

AS568 Aerospace Size Standard for O-Rings

DIMENSIONS AND TOLERANCES



Intended use. O-rings listed in table I are recommended for use as straight thread tube fittings boss gaskets.

SAE Aerospace An SAE International Group	AEROSPACE MATERIAL SPECIFICATION PACKING, PREFORMED, PETROLEUM HYDRAULIC FLUID RESISTANT, IMPROVED PERFORMANCE AT 275 °F (135 °C) FOR USE IN BOSS FITTINGS, SIZES AND TOLERANCES	SAE AMS-P-83461/2 SHEET 3 OF 4	REV. A
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