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RATIONALE

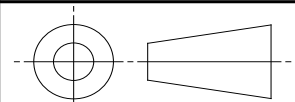
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THIRD ANGLE PROJECTION



CUSTODIAN: SAE A-6C2 SEALS PANEL

PROCUREMENT SPECIFICATION: NONE



AEROSPACE STANDARD

GASKET, METALLIC, ENCASED, ANNULAR, COPPER

AS35769™

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ISSUED 2001-03 REAFFIRMED 2015-06 REVISED 2021-10 STABILIZED 2021-12

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1. SCOPE

THIS STANDARD ESTABLISHES THE DIMENSIONAL AND VISUAL QUALITY REQUIREMENTS, LOT REQUIREMENTS, AND PACKAGING AND LABELLING REQUIREMENTS FOR METALLIC-ENCASED COPPER GASKETS MANUFACTURED PER AMS-HH-G-101 TYPE III - STYLE J. IT SHALL BE USED FOR PROCUREMENT PURPOSES.

1.1 APPLICATION

THESE GASKETS ARE INTENDED FOR USE IN EXHAUST SYSTEMS OF INTERNAL COMBUSTION ENGINES, AIR COMPRESSORS, AND OTHER CONNECTIONS SUBJECT TO TEMPERATURES OF 150 TO 500 °F (66 TO 260 °C) AND PRESSURES UP TO 200 PSI (1380 KPA).

2. APPLICABLE REFERENCES

THE FOLLOWING PUBLICATIONS FORM A PART OF THIS DOCUMENT TO THE EXTENT SPECIFIED HEREIN. THE LATEST ISSUE OF SAE PUBLICATIONS SHALL APPLY. THE APPLICABLE ISSUE OF OTHER PUBLICATIONS SHALL BE THE ISSUE IN EFFECT ON THE DATE OF THE PURCHASE ORDER. IN THE EVENT OF CONFLICT BETWEEN THE TEXT OF THIS DOCUMENT AND REFERENCES CITED HEREIN, THE TEXT OF THIS DOCUMENT TAKES PRECEDENCE. NOTHING IN THIS DOCUMENT, HOWEVER, SUPERSEDES APPLICABLE LAWS AND REGULATIONS UNLESS A SPECIFIC EXEMPTION HAS BEEN OBTAINED.

2.1 SAE PUBLICATIONS

AVAILABLE FROM SAE, 400 COMMONWEALTH DRIVE, WARRENDALE, PA 15096-0001, TEL: 877-606-7323 (INSIDE U.S. AND CANADA) OR +1 724-776-4970 (OUTSIDE U.S.), WWW.SAE.ORG.

AMS-HH-G-101 GASKET, METALLIC-ENCASED

2.2 ASQ PUBLICATIONS

AVAILABLE FROM AMERICAN SOCIETY FOR QUALITY, 600 NORTH PLANKINTON AVENUE, MILWAUKEE, WI 53203, TEL: 800-248-1946 (UNITED STATES OR CANADA), 001-800-514-1564 (MEXICO), OR +1 414-272-8575 (ALL OTHER LOCATIONS), WWW.ASQ.ORG.

ANSI/ASQ Z1.4 SAMPLING PROCEDURES AND TABLES FOR INSPECTION BY ATTRIBUTES

2.3 ASME PUBLICATIONS

AVAILABLE FROM ASME, TWO PARK AVENUE, NEW YORK, NY 10016-5990, TEL: +1 800-843-2763, WWW.CUSTOMERCARE@ASME.ORG.

ASME Y14.5M-1994 DIMENSIONING AND TOLERANCING REQUIREMENTS

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AVAILABLE FROM AMERICAN SOCIETY FOR TESTING AND MATERIALS INTERNATIONAL, 100 BARR HARBOR DRIVE, P.O. BOX C7000, WEST CONSHOHOCKEN, PA 19428-2959, TEL: 610-832-9585, WWW.ASTM.ORG.

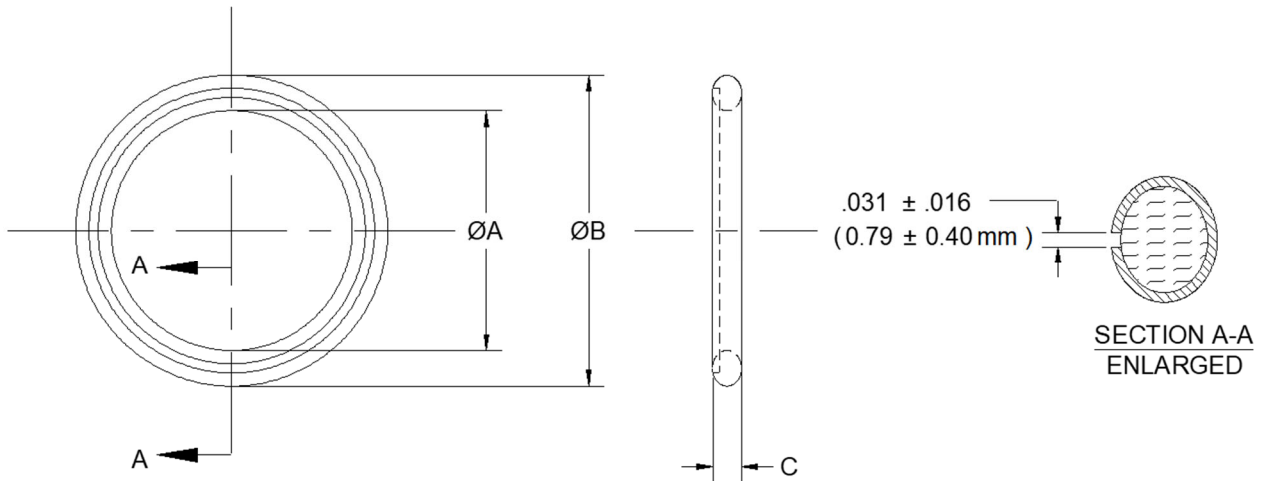
ASTM D3951 STANDARD PRACTICE FOR COMMERCIAL PACKAGING

3. GASKET PART NUMBERS AND DIMENSIONS

FIGURE 1 ILLUSTRATES THE GASKET DIMENSIONS THAT ARE USED IN THIS STANDARD.

TABLE 1 PROVIDES THE PART NUMBERS AND DIMENSIONS.

TABLE 2 PROVIDES AN900 PART NUMBERS THAT ARE CANCELED AND REPLACED BY MS35769 PART NUMBERS.



NOTE: DIMENSIONS AND TOLERANCES AS PER ASME Y14.5M-1994

FIGURE 1 - GASKET DIMENSIONS: INSIDE DIAMETER (ØA), OUTSIDE DIAMETER (ØB), WIDTH (C)

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