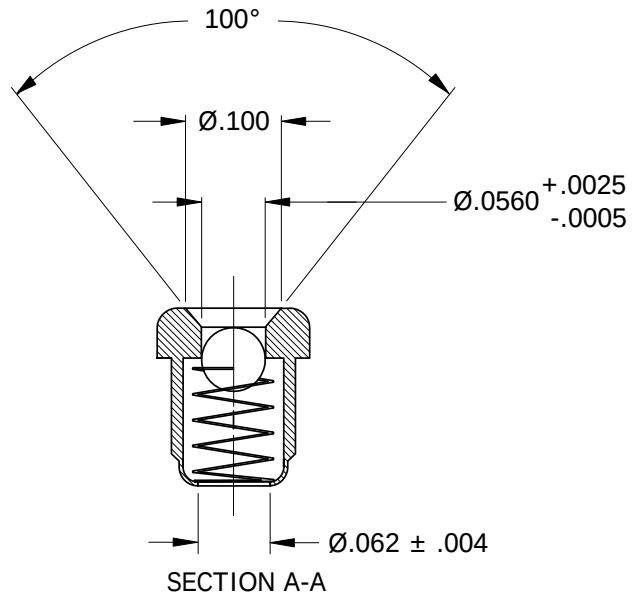
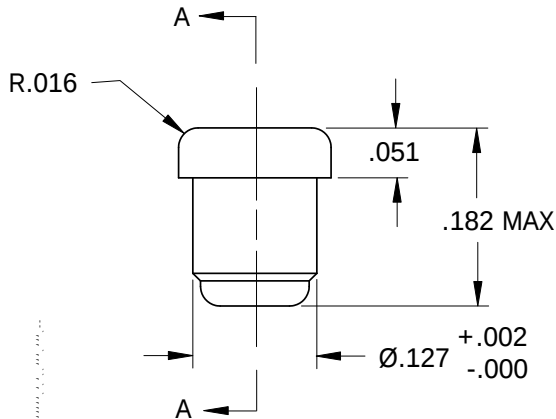
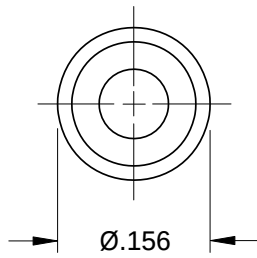


FED. SUPPLY CLASS

4730



MATERIAL:

STEEL

- BODY - 1215 (UNS G12150), 12L14 (UNS G12L44), 1018 (UNS G10180) OR 11L17 (UNS G11L17) PER ASTM A108.
- SPRING - PER ASTM B166 COLD WORKED SPRING TEMPER (UNS N06600) OR MUSIC WIRE PER ASTM A228/A228M OR 302 SPRING TEMPER PER AMS5688 (UNS S30200) OR ASTM A313/A313M.
- BALL - 1013 (UNS G10130) PER ASTM A108 OR NICKEL-COPPER-ALUMINUM ALLOY PER QQ-N-286, FORM 1 (UNS N05500).

NICKEL-COPPER-ALUMINUM ALLOY (SEE NOTE 14)

- BODY - PER QQ-N-286, FORM 1 (UNS N05500) OR ~~QQ-N-286, CLASS B (UNS N05502) OR QQ-N-281 CLASS B (UNS N04405).~~
- SPRING - ASTM B166 COLD WORKED SPRING TEMPER (UNS N06600) OR 302 SPRING TEMPER AMS5688 OR ASTM A313/A313M (UNS S30200).
- BALL - PER QQ-N-286, FORM 1 (UNS N05500).

NICKEL-COPPER ALLOY

- BODY - PER QQ-N-281 CLASS B (UNS N04405).
- SPRING - ASTM B166 COLD WORKED SPRING TEMPER (UNS N06600) OR 302 SPRING TEMPER AMS 5688 OR ASTM A313/A313M (UNS S30200).
- BALL - PER QQ-N-286, FORM 1 (UNS N05500).

AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA, INC.
1000 WILSON BLVD.
ARLINGTON, VA 22209

THIS DRAWING SUPERSEDES ALL ANTECEDENT STANDARD DRAWINGS FOR THE SAME
PRODUCT AND SHALL BECOME EFFECTIVE NO LATER THAN SIX MONTHS FROM THE LAST
REVISION DATE.

REVISION DATE: SEPTEMBER 25, 2015

ISSUE DATE: DECEMBER 1952

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 11
PROCUREMENT SPECIFICATION NONE	TITLE FITTING, LUBRICATION, .1250 INCH DRIVE, FLUSH TYPE	CLASSIFICATION PART STANDARD CLASS 16 SHEET 1 OF 3

FINISH:

STEEL:

- BODY - CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2, DYE OLIVE DRAB
- NICKEL PLATE PER AMS2423, 0.0002 MINIMUM THICKNESS, BALL DYE RED
- ZINC PLATE PER ASTM B633, CLASS 2, TYPE III, NATURAL CLEAR COLOR
- ZINC-NICKEL PLATE PER AMS2417, TYPE 2, 0.0002 - 0.0006 THICK, NATURAL CLEAR COLOR

NICKEL-COPPER-ALUMINUM ALLOY / NICKEL-COPPER ALLOY: NONE.

CODE:

- "A" FOLLOWING DASH NUMBER DESIGNATES CADMIUM PLATED STEEL FITTING, DYE OLIVE DRAB.
"M" BETWEEN BASIC NUMBER AND DASH NUMBER DESIGNATES NICKEL-COPPER-ALUMINUM ALLOY MATERIAL, NO FINISH REQUIRED.
"MX" BETWEEN BASIC PART NUMBER AND DASH NUMBER DESIGNATES NICKEL-COPPER ALLOY MATERIAL, NO FINISH REQUIRED.
"N" FOLLOWING DASH NUMBER DESIGNATES NICKEL PLATED STEEL FITTING WITH RED BALL.
~~"P" FOLLOWING DASH NUMBER DESIGNATES ZINC OR CADMIUM PLATED STEEL FITTING WITH NATURAL CLEAR COLOR.~~
"J" FOLLOWING DASH NUMBER DESIGNATES ZINC PLATED STEEL FITTING.
"B" FOLLOWING DASH NUMBER DESIGNATES ZINC-NICKEL PLATED STEEL FITTING.

EXAMPLE OF PART NUMBER:

- NAS516-1A = FLUSH TYPE .1250 INCH DRIVE LUBRICATION FITTING OF STEEL MATERIAL, CADMIUM PLATED OLIVE DRAB FINISH.
NAS516M1 = FLUSH TYPE .1250 INCH DRIVE LUBRICATION FITTING OF NICKEL-COPPER-ALUMINUM ALLOY MATERIAL.
NAS516MX1 = FLUSH TYPE .1250 INCH DRIVE LUBRICATION FITTING OF NICKEL-COPPER ALLOY MATERIAL.
NAS516-1N = FLUSH TYPE .1250 INCH DRIVE LUBRICATION FITTING OF STEEL MATERIAL, NICKEL PLATED FINISH.
~~NAS516-1P = FLUSH TYPE .1250 INCH DRIVE LUBRICATION FITTING OF STEEL MATERIAL, OPTIONAL FINISH, ZINC OR CADMIUM.~~
NAS516-1J = FLUSH TYPE .1250 INCH DRIVE LUBRICATION FITTING OF STEEL MATERIAL, ZINC FINISH.
NAS516-1B = FLUSH TYPE .1250 INCH DRIVE LUBRICATION FITTING OF STEEL MATERIAL, ZINC-NICKEL FINISH.

NOTES:

- (1) THESE FLUSH LUBRICATION FITTINGS ARE INTENDED FOR USE WHERE ENVELOPE AND CLEARANCES WILL NOT PERMIT THE USE OF THE PROTRUDING AS35411 STYLE LUBRICATION FITTINGS.
- (2) FITTINGS TO BE INSTALLED IN A REAMED .1250 (+.0015, -.0000) DIA HOLE.
- (3) DIMENSIONS IN INCHES.
- (4) TOLERANCES UNLESS OTHERWISE SPECIFIED DECIMALS, $\pm .010$, ANGLES $\pm 3^\circ$.
- (5) NAS516-1 INACTIVE FOR DESIGN AND PROCUREMENT AFTER DECEMBER 31, 1975. SUPERSEDED BY NAS516-1A.
- (6) NAS516-1P IS INACTIVE FOR DESIGN AND PROCUREMENT. SEE NAS516-1A OR NAS516-1J.

REVISION

11

NAS516
SHEET 2



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