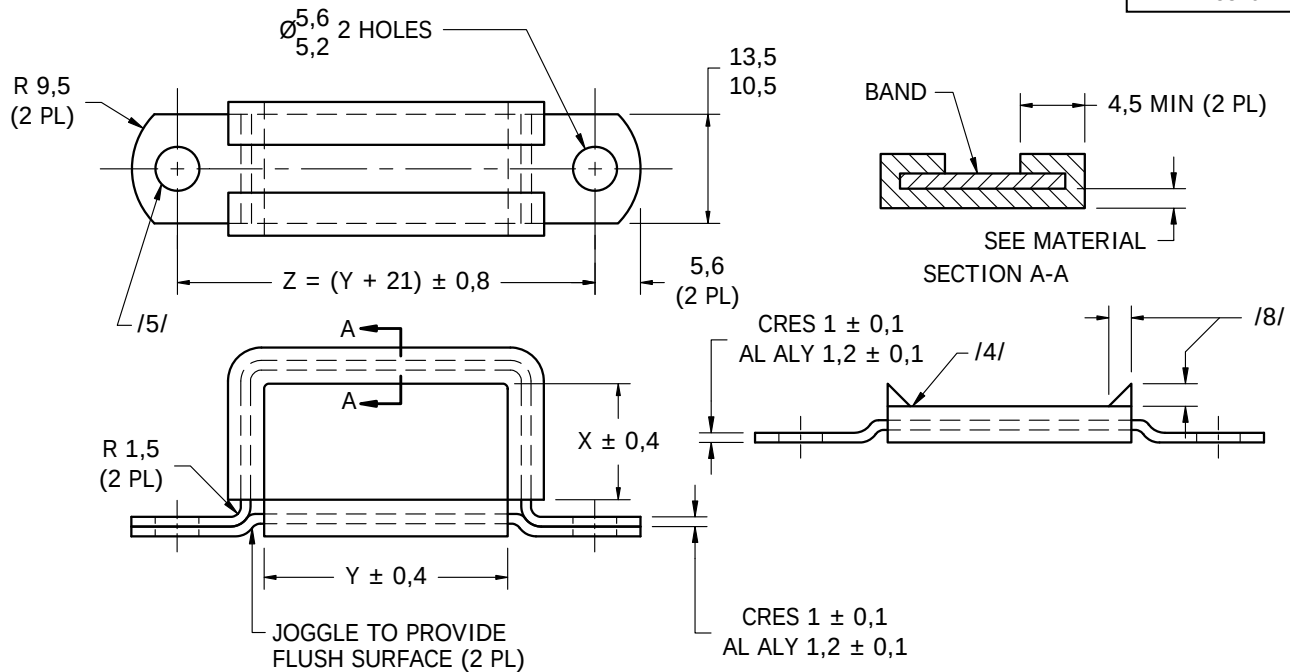


FED. SUPPLY CLASS

5340



MATERIAL:

BAND:

ALUMINUM ALLOY, 2024-O (UNS A92024) HEAT TREATED TO T42 CONDITION PER AMS2770.
CRES, TYPE 302 (UNS S30200) PER MIL-S-5059 AMS5516, AMS5903, AMS5904, AMS5905, OR AMS5906,
OR TYPE 321 (UNS S32100) PER AMS5510.

CUSHION:

CHLOROPRENE RUBBER, 65-75 DUROMETER "A", PER AMS3209 AND PROCUREMENT SPECIFICATION,
1,6 mm THICK.
SILICON RUBBER, 55-65 DUROMETER "A" PER AMS3303, 1,6 mm THICK.
POLYTETRAFLUOROETHYLENE (PTFE) PER ASTM D-1457 ASTM D4894, TYPE 1, 0,6 mm THICK.
FLUROSILICONE RUBBER PER MIL-DTL-25988, 1,6 mm THICK.
NITRILE RUBBER, 65-75 DUROMETER "A" PER AMS3215 AND PROCUREMENT SPECIFICATION, 1,6 mm
THICK.
ETHYLENE PROPYLENE PER PROCUREMENT SPECIFICATION, 1,6 mm THICK.

FINISH:

CRES: PASSIVATE IN ACCORDANCE WITH ASTM A380.
ALUMINUM ALLOY: CHEMICAL FILM PER MIL-DTL-5541, CLASS 1A.
CUSHIONS FABRICATED FROM PTFE SHALL BE SODIUM TREATED IN ACCORDANCE WITH THE SURFACE
TREATMENT PARAGRAPHS OF AMS2491 TO REDUCE THE MATERIAL'S LUBRICITY. ALL OTHER
PARAGRAPHS OF AMS2491 SHALL NOT APPLY.

① COMPLETELY REVISED

THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES DS14289. PART NUMBERS REMAIN DS14289.

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 1
PROCUREMENT SPECIFICATION MIL-C-8603	TITLE STRAP, RETAINING, CUSHIONED, RECTANGULAR, TWO-PIECE, METRIC	CLASSIFICATION PART STANDARD NAM14289

SHEET 1 OF 3

CUSHION SELECTION GUIDE:

- CHLOROPRENE: RECOMMENDED FOR GENERAL PURPOSE USE IN AREAS CONTAMINATED WITH PETROLEUM BASE HYDRAULIC FLUID AND OCCASIONAL FUEL SPLASH. EXCELLENT OZONE RESISTANCE. NOT RESISTANT TO PHOSPHATE ESTER BASED FLUIDS. NOT FOR USE WITH TITANIUM TUBING. COLOR SHALL BE BLACK WITH A BLUE IDENTIFIER IN ACCORDANCE WITH PROCUREMENT SPECIFICATION.
- SILICONE: RECOMMENDED FOR USE AT ELEVATED TEMPERATURE IN PHOSPHATE ESTER BASED FLUID AND OTHER SYNTHETIC FLUID CONTAMINATED AREAS. EXCELLENT OZONE RESISTANCE. NOT RESISTANT TO PETROLEUM BASED FLUIDS. COLOR SHALL BE SOLID (PIGMENTED) WHITE.
- POLYTETRAFLUOROETHYLENE (PTFE): RECOMMENDED FOR USE AT ELEVATED TEMPERATURES IN HYDROCARBON FUEL CONTAMINATED AREAS. ALSO RECOMMENDED FOR USE IN AREAS CONTAMINATED WITH PHOSPHATE TYPE HYDRAULIC FLUIDS AND OTHER SYNTHETIC LUBRICANTS. EXCELLENT OZONE RESISTANCE. COLOR SHALL BE SOLID BROWN.
- FLUOROSILICONE: RECOMMENDED FOR USE AT ELEVATED TEMPERATURES IN PETROLEUM BASED FLUID CONTAMINATED AREAS. EXCELLENT OZONE RESISTANCE. NOT RESISTANT TO PHOSPHATE ESTER BASED FLUIDS. COLOR SHALL BE SOLID BLUE.
- NITRILE: RECOMMENDED FOR USE PRIMARILY IN FUEL IMMERSION AND FUEL VAPORS. GOOD OZONE RESISTANCE. NOT RESISTANT TO PHOSPHATE ESTER BASED FLUIDS. NOT FOR USE WITH TITANIUM TUBING, COLOR SHALL BE SOLID YELLOW.
- ETHYLENE PROPYLENE: RECOMMENDED FOR USE IN AREAS CONTAMINATED WITH PHOSPHATE ESTER HYDRAULIC FLUID AND OTHER SYNTHETIC FLUIDS. EXCELLENT OZONE RESISTANCE. NOT RESISTANT TO PETROLEUM BASED FLUIDS. COLOR SHALL BE SOLID PURPLE.

CODE:

THE PART NUMBER SHALL CONSIST OF THE BASIC PART NUMBER, FOLLOWED BY A CODE LETTER "W" FOR WEDGE (IF SPECIFIED), FOLLOWED BY THE "X" AND "Y" DIMENSION, FOLLOWED BY THE MATERIAL CODE LETTER.

MATERIAL CODES: CODES INDICATE BAND AND CUSHION MATERIALS. DO NOT SPECIFY BAND AND CUSHION COMBINATIONS NOT LISTED. MAXIMUM RECOMMENDED TEMPERATURE IS INDICATED IN PARENTHESES.

- "CE" – CRES BAND WITH ETHYLENE PROPYLENE CUSHION (135 °C)
- "CF" – CRES BAND WITH NITRILE CUSHION (100 °C)
- "CG" – CRES BAND WITH CHLOROPRENE CUSHION (100 °C)
- "CH" – CRES BAND WITH SILICONE CUSHION (204 °C)
- "CJ" – CRES BAND WITH FLUOROSILICONE CUSHION (232 °C)
- "CT" – CRES BAND WITH PTFE CUSHION (260 °C)
- "DE" – ALUMINUM BAND WITH ETHYLENE PROPYLENE CUSHION (100 °C)
- "DF" – ALUMINUM BAND WITH NITRILE CUSHION (100 °C)
- "DG" – ALUMINUM BAND WITH CHLOROPRENE CUSHION (100 °C)

STRAP SIZES:

- "X" DIMENSION – 12 TO 26 (IN 2 mm INCREMENTS)
- "Y" DIMENSION – 12 TO 52 (IN 2 mm INCREMENTS)
- LARGER SIZES MAY BE SPECIFIED, IF REQUIRED, BY USING APPROPRIATE CODE IN PART NUMBER.

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.

FORM 09-01

① COMPLETELY REVISED

REVISION
1
NAM14289
SHEET 2



Documents

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