REQUIREMENTS:

1. MATERIAL:  
   - CARBON STEEL PER MIL-S-7952  
   - CORROSION RESISTANT STEEL PER MIL-S-5059, AMS 5510 OR AMS 5512  
   - ALUMINUM ALLOY 2024 (ALCLAD) PER QQ-A-250/3, CONDITION T3 OR T6  
   - BRASS PER QQ-B-613, COMPOSITION I OR II  

2. COATING:  
   - CADMIUM PLATE PER QQ-P-416, TYPE I, CLASS 2 FOR CARBON STEEL ONLY  
   - ANODIZE PER MIL-A-8625  
   - CHEMICAL SURFACE TREAT PER MIL-C-5541, CLASS 3  
   - BLACK OXIDE COAT PER MIL-C-13924 FOR UNCOATED CPRES ONLY  
   - NATURAL BRASS  
   - PASSIVATE PER QQ-P-35 FOR UNCOATED CPRES ONLY  
   - ANODIZE PER MIL-A-8625 OR CHEM SURFACE TREAT PER MIL-C-5541, CLASS 1A  

21 INACTIVE FOR NEW DESIGN. NAS 1149 MAY BE SUBSTITUTED IN ALL APPLICATIONS.

21 DENOTES CHANGES
NOTES:

1. REMOVE ALL BURRS AND SHARP EDGES.

2. DIMENSIONS IN INCHES - TOLERANCES ON THICKNESS:
   FOR ALUMINUM ALLOY WASHER:
   \[ 0.016 \pm 0.001; 0.032 \pm 0.004; 0.042 \pm 0.004; 0.045 \pm 0.005; \]
   \[ 0.063 \pm 0.006; 0.090 \pm 0.007. \]
   ALL OTHER MATERIALS: \( \pm 0.010 \).

3. PARALLELISM AND FLATNESS:
   WASHER FACES SHALL BE PARALLEL WITHIN .002 INCH.
   WASHER FACES SHALL BE FLAT WITHIN:
   .007 INCH FOR SIZES UP TO AND INCLUDING THE 1/2 INCH SIZE,
   .010 INCH FOR 9/16 TO 1-1/4 INCH SIZES, INCLUSIVE AND
   .015 INCH FOR 1-3/16 INCH AND LARGER SIZES.

4. THICKNESS-CODES:
   REGULAR SERIES - NO CODE.
   LIGHT SERIES - L CODE.
   EXTRA LIGHT SERIES - LL CODE (DESIGNATES .014 THICKNESS WHERE \( i \) DESIGNATES .033 THICKNESS).

5. J CODE WASHERS ARE INTENDED FOR USE WHERE LOW ELECTRICAL RESISTANCE IS REQUIRED.

6. K CODE WASHERS ARE INTENDED FOR USE WHERE CORROSION PROTECTION IS THE PRIME CONSIDERATION.

7. P CODE WASHERS ARE REINSTATED FROM "CANCELLED" TO "INACTIVE FOR NEW DESIGN" AS OF 30 JUNE 1982.
   USE J OR K CODE WASHERS. P CODE WASHERS MAY BE USED ONLY IF STOCK IS DEPLETED.

8. BRASS WASHERS ARE REINSTATED FROM "CANCELLED" TO "INACTIVE FOR NEW DESIGN", AS OF 30 JUNE 1982.

9. NO. 2 THREAD SIZES ARE REINSTATED FROM "CANCELLED" TO "INACTIVE FOR NEW DESIGN" AS OF 30 JUNE 1982.

10. EXAMPLE OF PART NUMBER:
    AN906 K C 616 LL - CRES STEEL WASHER FOR 3/8 BOLT OR SCREW SIZE, .016 INCH THICK.
    BLACK OXIDE COATED PER MIL-C-13926
    THICKNESS CODE (SEE NOTE AND TABLE 1)
    BOLT OR SCREW SIZE (SEE TABLE 1)
    MATERIAL CODE (SEE REQ. 1 AND TABLE 1)
    COATING CODE (SEE REQ. 2 AND TABLE 1)
    BASIC PART NUMBER

11. MEDIUM SERIES - M CODE CANCELLED AFTER 20 JULY 1984

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