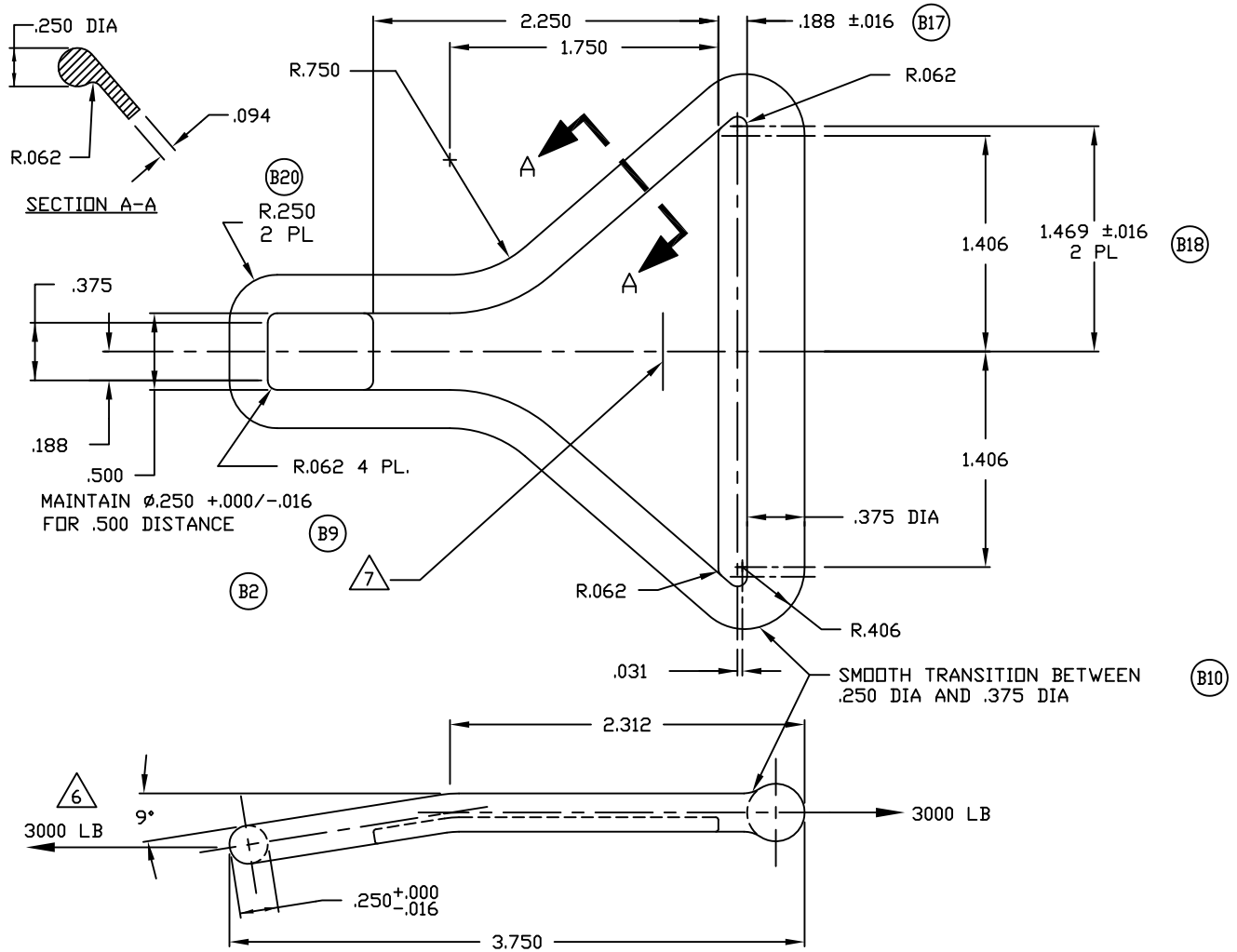




(B11)
(B12)

PS PART NO.	DESCRIPTION	FINISH
PS22003	LINK	CADMIUM PLATING

(C1)

REVISED (A) 4/28/05, REVISED (B) 5/03/07, REVISED (C) 4/24/14.

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Title

LINK - LAP SAFETY BELT

PIA
Standard

PS22003

Documents (C3)

Procurement Specification

PIA-H-7195 (B16) (C2)

Adapted From:

MS22003 (ASG) 1/7/98



Sheet 1 of 3 (B1)

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NOTES:

1. MATERIAL: (B3)
(A) STEEL, 4140 PER AMS 6382.
2. METHOD OF FORMING: (B4)
(A) HOT FORGE. (B13)
3. HEAT TREATMENT: (B5) (B6)
(A) HEAT TREAT TO 170,000 - 190,000 PSI. TENSILE STRENGTH PER AMS 2759 (RC 38-42).
(B) HARDNESS TEST, INSPECT TO LEVEL S-4 ANSI ASQ Z1.4. C=0 ACCEPT=0 REJECT=1
4. FINISH: (B7)
(A) CADMIUM PLATE, PER AMS QQ-P-416, CLASS 1, TYPE I.
5. UNLESS OTHERWISE SPECIFIED:
(A) ALL DIMENSIONS AFTER PLATING.
(B) REMOVE ALL BURRS AND SHARP EDGES .010 MIN.
(C) DIMENSIONS IN INCHES.
(D) TOLERANCES $\pm .030$.
(E) ANGLES $\pm 2^\circ$.
(F) SURFACE ROUGHNESS $125 \sqrt{\text{ }}$ IAW ANSI B46.1. (B19) (B8)

6. EACH LINK SHALL BE SUBJECTED TO A 3000 LB PROOF LOAD TEST AS INDICATED BY THE ARROWS.

7. MARKING: PERMANENTLY MARK METAL STAMP PART NO, MANUFACTURERS SYMBOL, MONTH AND YEAR OF MFG (LAST TWO DIGITS) USING .12 HIGH GOTHIC CHARACTERS PER MIL-STD-130. (B14) (B15)

(C1)

REVISED (A) 4/28/05, REVISED (B) 5/03/07. REVISED (C) 4/24/14.

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