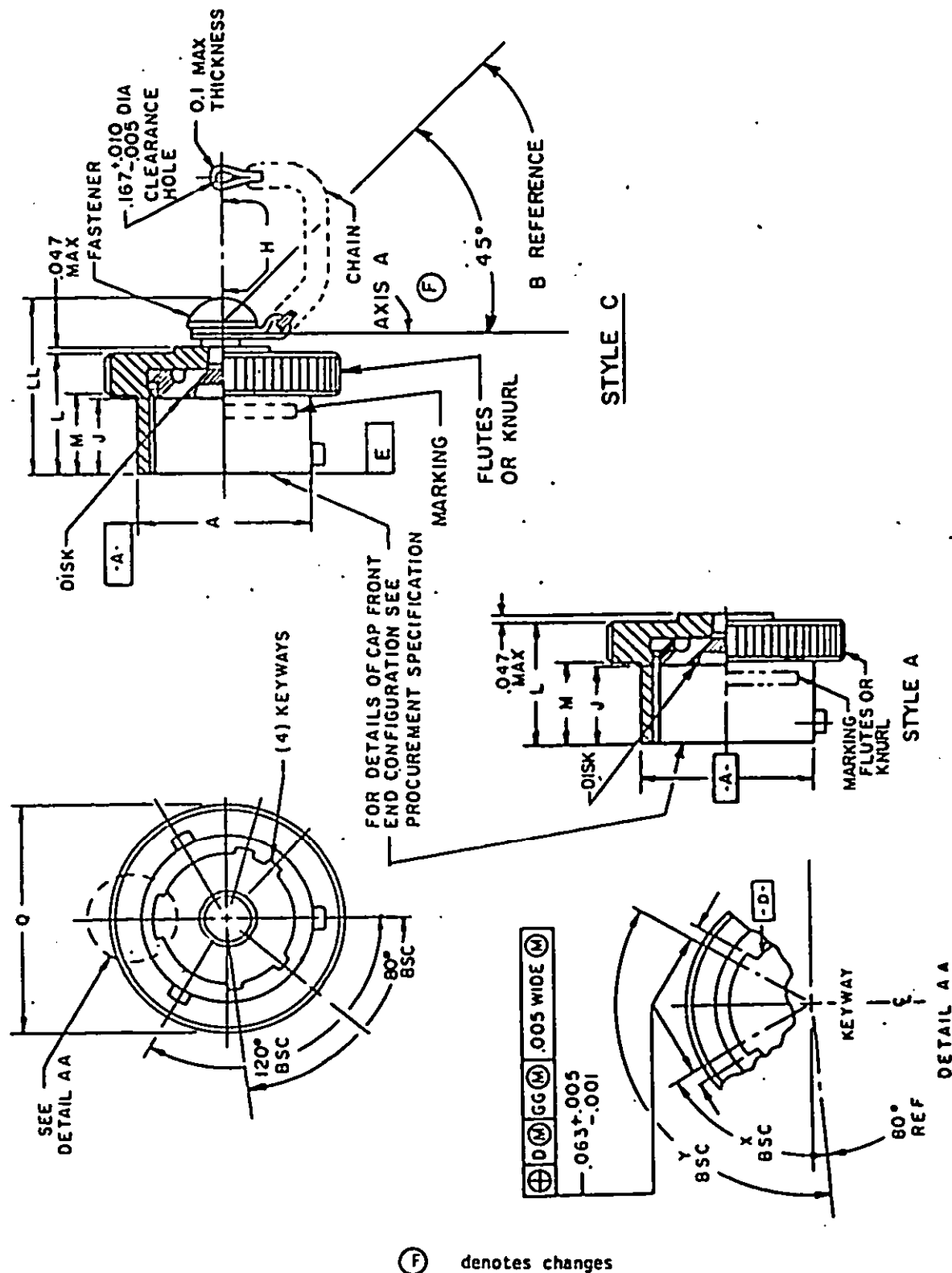


NI, AR
 ARMY - NI, AR
 NAVY - EC, MC, OS
 AIR Force - 15, 99
 DLA - ES

This military standard is approved for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document when applicable.

Review activities: Army - MI, AR
Navy - EC, MC, OS
Air Force - 15, 99
DLA - ES

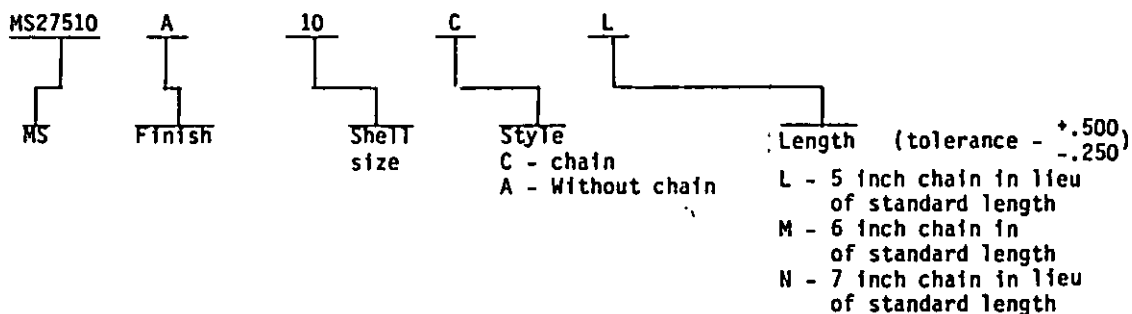


Ⓕ denotes changes

| | | | |
|--|------------------------|---|-------------------|
| P.A AF - 85 | International Interest | TITLE | MILITARY STANDARD |
| Other Cust Army - CR Navy - AS | | COVER, PROTECTIVE, ELECTRICAL CONNECTOR PLUG, BAYONET COUPLING, SERIES II | MS27510 |
| Procurement Specification MIL-C-38999 | | SUPERSEDES: | PAGE 1 OF 3 |

FED. SUP CLASS
5935

Example of part number

User activities: Army -
Navy -
Air Force -Review activities: Army - MI, AR
Navy - EC, MC, OS
Air Force - 15, 99

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| Shell size | A +.001 -.005 dia | H +.500, -.250 Standard chain Length | J +.010 -.015 | L Max | M Min | J Max dia | X BSC degree | Y BSC degree | LL Max |
|------------|----------------------------|---|---------------------|----------|----------|-----------------|--------------------|--------------------|-----------|
| 8 | .473 | 3.0 | .222 | .57 | .31 | .72 | 82° | 118° | .82 |
| 10 | .590 | | | | | .85 | 72° | 128° | |
| 12 | .750 | | | | | 1.00 | 68° | 132° | |
| 14 | .875 | 3.50 | | | | 1.13 | 66° | 134° | |
| 16 | 1.000 | | | | | 70° | 130° | | |
| 18 | 1.125 | | | | | | | | |
| 20 | 1.250 | 1.50 | | | | | | | |
| 22 | 1.375 | 4.0 | | | | 1.63 | 74° | 126° | |
| 24 | 1.500 | | | | | 1.75 | | | |

P.A AF - 85

International
Interest

TITLE

COVER, PROTECTIVE, ELECTRICAL
CONNECTOR PLUG, BAYONET
COUPLING, SERIES II

MILITARY STANDARD

Other Cust
Army - CR
Navy - AS

MS27510

Procurement Specification
MIL-C-38999

SUPERSEDES:

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| Inches | mm | Inches | mm | Inches | mm |
|--------|-------|--------|-------|--------|-------|
| .001 | 0.03 | .57 | 14.5 | 1.38 | 35.1 |
| .005 | 0.13 | .59 | 15.0 | 1.50 | 38.1 |
| .010 | 0.25 | .72 | 18.3 | 1.63 | 41.4 |
| .015 | 0.38 | .75 | 19.0 | 1.75 | 44.4 |
| .047 | 1.19 | .82 | 20.8 | 3.00 | 76.2 |
| .063 | 1.60 | .85 | 21.6 | 3.50 | 88.9 |
| .167 | 4.24 | .875 | 22.22 | 4.00 | 101.6 |
| .222 | 5.64 | 1.00 | 25.4 | 5.00 | 127.0 |
| .25 | 6.4 | 1.125 | 28.58 | 6.00 | 152.4 |
| .31 | 7.90 | 1.13 | 28.7 | 7.00 | 177.8 |
| .473 | 12.01 | 1.25 | 31.8 | | |
| .500 | 12.70 | 1.375 | 34.92 | | |

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Material: Cap: Impact extruded or machined aluminum alloy.
Disk: Silicone elastomer.
Chain: Stainless steel, passivated, conforming to RR-C-271, type II, class 3.
Fastener: Stainless steel, passivated.
4. Finish: See MIL-C-38999.
5. BSC dimensions apply at maximum material condition (MMC).
6. The gauge features for GG shall be .004 (.10 mm) smaller than MMC size at basic location.
7. In the event of conflict between the text of this standard and the referenced cited herein, the text of this standard shall take precedence.
8. Referenced Government documents of the issue listed in that issue of the Department Defense Index of Specifications and Standards (DODISS) specified in the solicitation form a part of this standard to the extent specified herein.
9. Applicable connectors: MIL-C-27599 series I and MIL-C-38999 series I.
10. The protective cover and chain assembly shall withstand a static tensile load of 35 pounds applied along the B reference line for 5 minutes.
11. Not for space born applications.

APPROVED 27 Dec 77 REVISED (F) For changes see pages 1, 2, and 3

| | | | |
|--|----------------------------|--|-------------------|
| P.A AF - 85 | International Inventory | TITLE COVER, PROTECTIVE, ELECTRICAL CONNECTOR PLUG, BAYONET COUPLING, SERIES II | MILITARY STANDARD |
| Other Cust Army - CR Navy - AS | | | MS 27510 |
| Procurement Specification MIL-C-38999 | SUPERSEDES: | | PAGE 3 OF 3 |

Navy -
Air Force -Navy - EC, MC, OS
Air Force - 15, 99Selection for all new engineering and design applications
and for repe use shall be made from this document when applicable.