

INCH-POUND

MS18015C  
 21 JULY 2009  
 SUPERSEDING  
 MS18015B  
 19 OCTOBER 1972

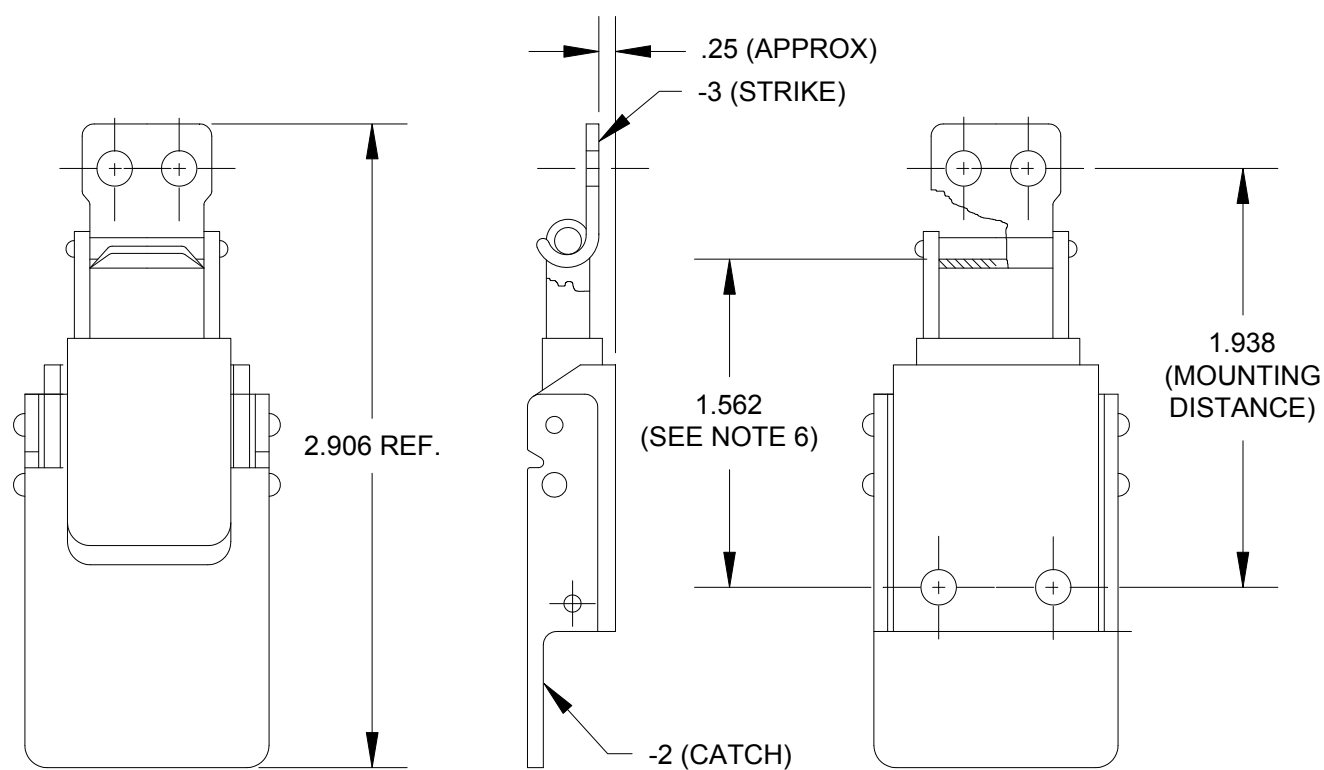
## DETAIL SPECIFICATION SHEET

## CATCH, CLAMPING AND STRIKE (CONCEALED SPRING TYPE)

Inactive for new design after 31 July 1997

This specification is approved for use by all Departments and Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this specification sheet.

FIGURE 1. -1 CATCH CLAMPING (CATCH AND STRIKE ASSEMBLY)

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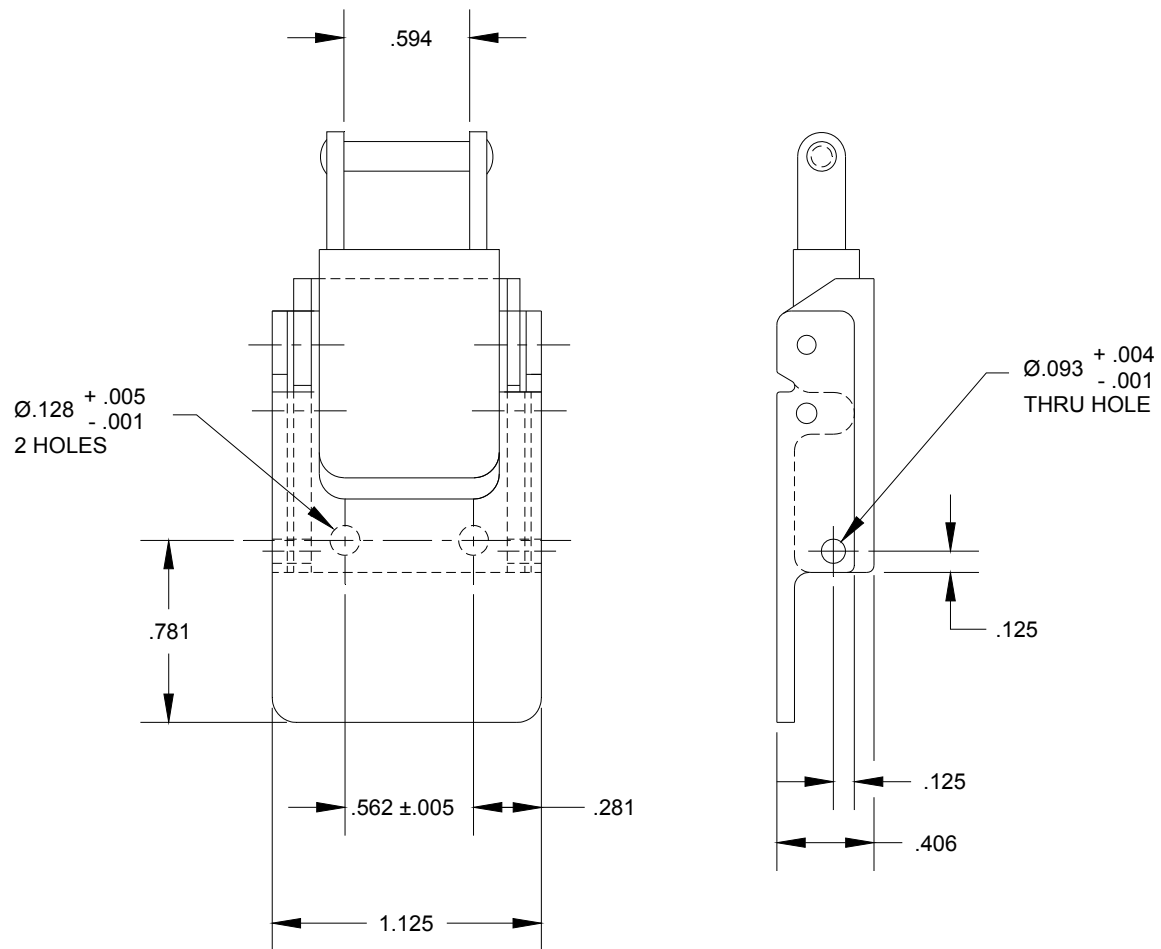


FIGURE 2. -2 CATCH

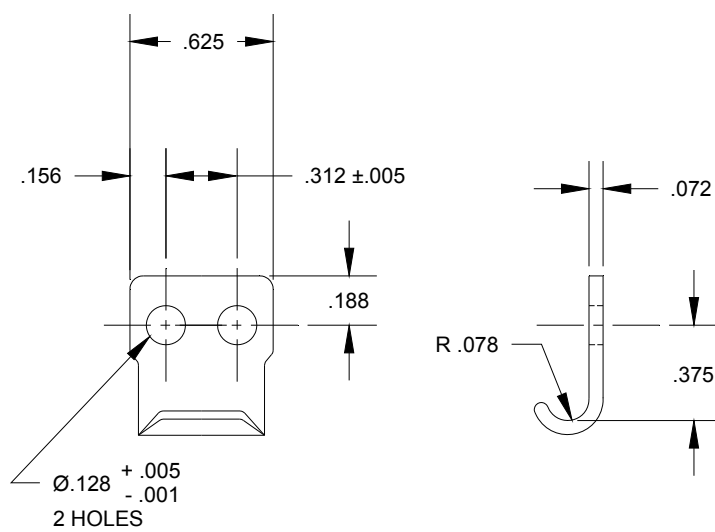


FIGURE 3. -3 STRIKE

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TABLE I. Part Numbers and Dimensions

PART NO.	PART IDENTIFICATION
MS18015-1	CATCH, CLAMPING (CATCH AND STRIKE ASSEMBLY)
MS18015-2	CATCH, CLAMPING (WITHOUT STRIKE)
MS18015-3	STRIKE, CATCH

## NOTES:

1. Material: (A) Yoke, Spring Housing – Corrosion resisting steel per ASTM A666.  
(B) Springs, Wire, Spring per SAE-AMS-QQ-W-428 and ASTM A228/A228M (springs concealed).  
(C) All remaining parts – Carbon steel per QQ-S-698.
2. Finish. Carbon steel parts – Cadmium plate per SAE AMS-QQ-P-416, Type II, Class 2.
3. Remove all burrs and break all sharp edges.
4. Dimensions in inches unless otherwise specified, Tolerances:  $\pm .015$ .
5. Tension: Standard spring tension with .125 deflection to 1.562 dimension = 70 pounds.
6. This assembly is made for use on containers with overlapping edges, containers with even mating edges require the use of shims.
7. Ultimate strength: 300 lbs for strike, 600 lbs for catch.
8. For design feature purposes, this standard takes precedence over documents referenced herein.
9. Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extent of the changes.

Custodians:  
Army - AR  
Navy - OS

Preparing activity:  
DLA – IS

(Project 5340-2009-017)

Review Activities:  
Army – CR, CR4, MI  
Navy - AS

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <http://assist.daps.dla.mil>.