

INCH-  
POUND

MS27074C  
18 October 1999  
SUPERSEDING  
MS27074B  
2 May 1966

# DETAIL SPECIFICATION SHEET

## WIRE, RETAINER

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

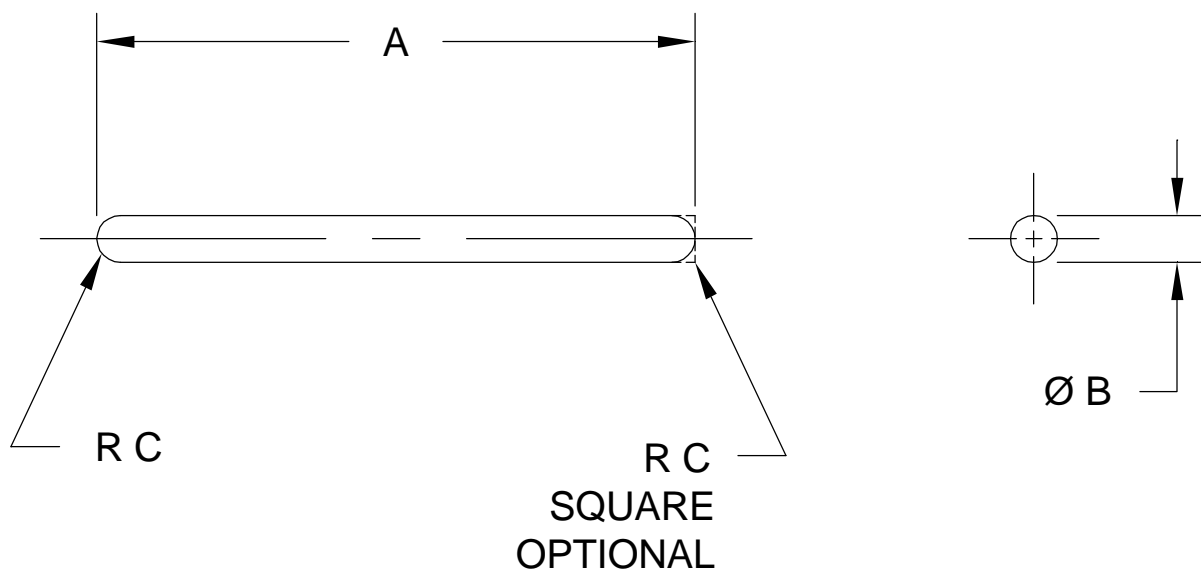


FIGURE 1. Wire retainer

## MS27074C

TABLE I. Dimensions.

Part Identification Number (PIN)	A ±.015	B		C	
MS27074-3C	1.062	.072	+.000 -.005	.026	±.005
MS27074-4C	1.203				
MS27074-5C	1.438	.080	+.000 -.004	.030	
MS27074-6C	1.625				
MS27074-8C	2.031	.095		.037	±.010
MS27074-10C	2.391				
MS27074-12C	2.938	.125		.050	
MS27074-16C	3.703				
MS27074-20C	4.688				
MS27074-24C	5.469				

## REQUIREMENTS:

1. Material: Bar: Corrosion resisting steel class 305, condition "A", cold drawn per ASTM A-580.
2. Passivate by immersion in 2 percent solution sodium dichromate in nitric acid, concentration 15 to 25 percent by volume for 15 to 30 minutes at a temperature of  $115 \pm 5$  °F.
3. Dry film lubricate per MIL-L-46010.
4. Wire shall be straight within .020 TIM.
5. Surface roughness not to exceed 125  $\mu$  in  $R_a$ . Surface finish shall be in accordance with ASME B46.1.
6. Unless otherwise specified, radius or break all corners .005 +.005-.000. Remove all burs and slivers.

## NOTES:

1. Dimensions in inches.

## Custodians:

Air Force - 99  
 Army - AR  
 Navy - AS  
 DLA - CC

## Preparing activity:

DLA - CC

(Project 4730-0832)

## Review activities:

Army - AT  
 Air Force - 82