

DETAIL SPECIFICATION SHEET

HOOK, SLIP, EYE, WITH LATCH

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 and  
MIL-DTL-13220E.

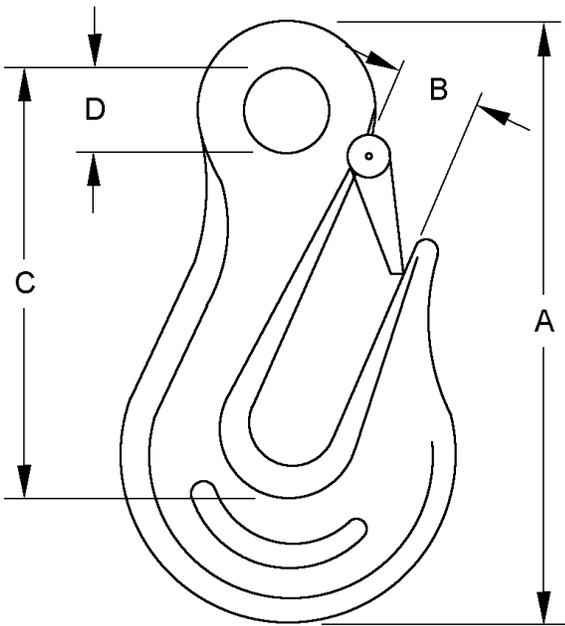


FIGURE 1. Hook, slip, eye, with latch.



MIL-DTL-13220/5B

Hook		Dimension				WLL (see note 5) lb (kgs)
Code	Chain size (see note 4)	A $\pm 0.04$ (1.02) (mm)	B (mm)	C $\pm 0.04$ (1.02) (mm)	D (mm)	
W	1/4	3.50 (88.9)	0.60 (15.2)	2.60 (66.04)	0.52 (13.2)	1,000 (454)
X	5/16	4.05 (102.9)	0.75 (19.1)	2.90 (73.7)	0.64 (16.3)	1,500 (680)
Y	3/8	4.75 (120.7)	0.80 (20.2)	3.40 (86.4)	0.72 (18.3)	2,000 (907)
Z	1/2	6.00 (152.4)	1.06 (26.9)	4.25 (108.0)	0.93 (23.6)	3,000 (1361)

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Unless otherwise specified tolerances shall be  $\pm 0.03$  inch (0.76 mm).
4. Chain size relates to the size of chain to be used.
5. Work load limit (WLL), in pounds, is the recommended weight limit for safe use.

FIGURE 1. Hook, slip, eye, with latch - Continued.

Requirements

Dimensions and configurations: See figure 1.

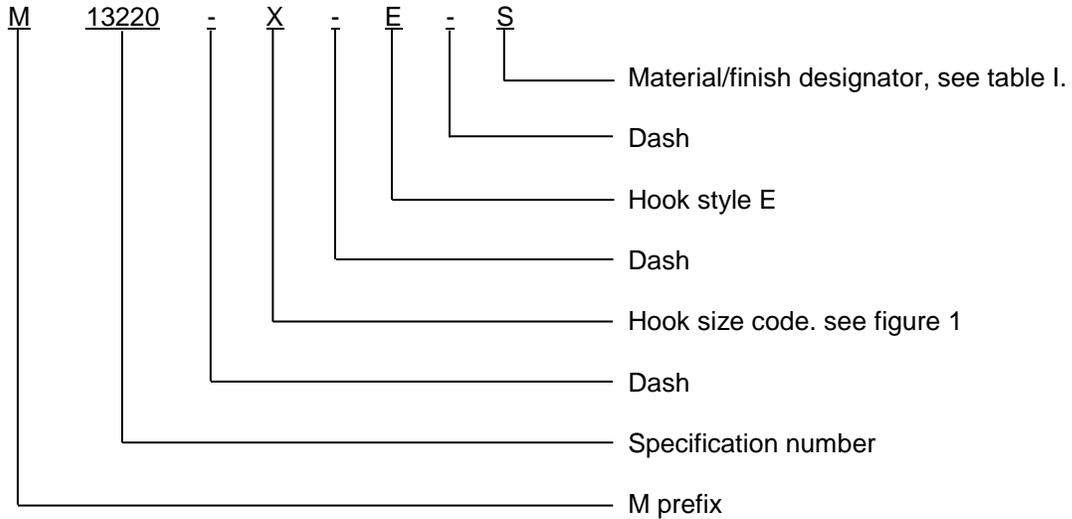
Material and finish: Material and finish shall be in accordance with MIL-DTL-13220, see table I for designators.

TABLE I. Material and finish designators.

Material/finish designator	Material	Finish
S	Cast or forged steel	Zinc finish in accordance with ASTM B633, type 6.
C	Corrosion resistant steel	Passivation finish in accordance with SAE-AMS2700
M	Cast steel low magnetic permeability	Zinc finish in accordance with ASTM B633, type 6

MIL-DTL-13220/5B

Part or Identifying Number (PIN): The PIN consists of the M prefix, specification number, a dash, letter for hook size code, a dash, the letter E for hook style, a dash, and a letter for material/finish designator.



Example: M13220-X-E-S represents a hook, slip, eye, with latch for 5/16 inch chain, cast or forged steel, zinc finish.

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.

Referenced documents. In addition to MIL-DTL-13220, this document references the following:

- ASTM B633
- SAE-AMS2700

CONCLUDING MATERIAL

Custodians:  
Army - AV  
Navy - AS  
Air Force - 11  
DLA - CC

Preparing activity:  
DLA - CC  
  
(Project 4030-2015-023)

Review activities:  
Army - MI  
Navy - CG  
Air Force - 50, 70, 71

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 <https://assist.dla.mil>.