

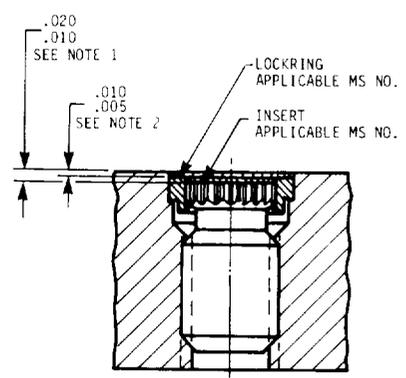
FED. SUP CLASS
53GP

User activities:
Army - MI
Navy - MC, OS

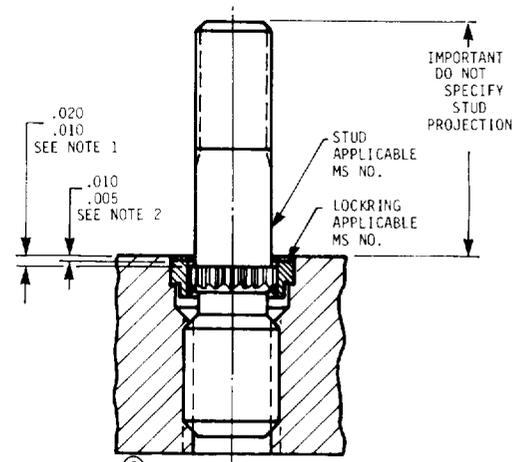
Review activities:
Army - AI, AV, ER, GL
Air Force - 11, 82
NSA - NS
DLA - 15

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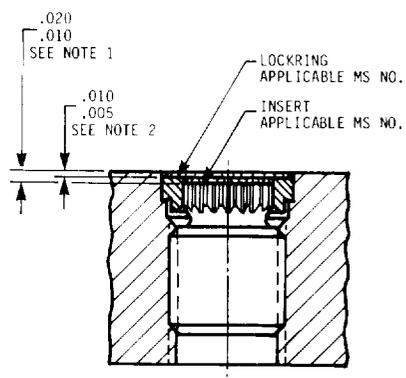


MS51991 INSERT WITH MS51990 LOCKRING

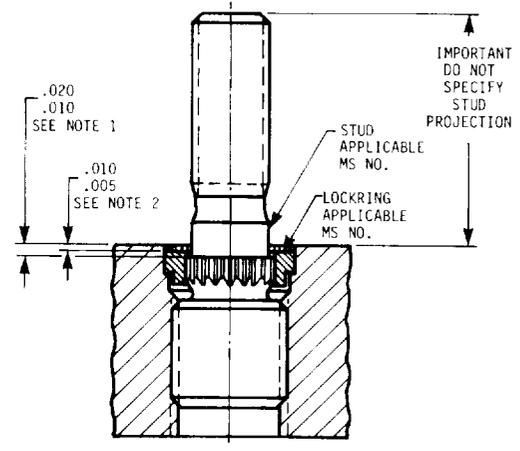


MS51989 OR MS51551 STUD WITH MS51990 LOCKRING

HOLE PREPARATION IN ACCORDANCE WITH MS51994 PER APPLICABLE EXTERNAL THREAD OF INSERT OR STUD END THREAD OF STUD AND CORRESPONDING DASH NUMBER.



MS51993 INSERT AND MS51498 OVERSIZE INSERT WITH MS51997 LOCKRING

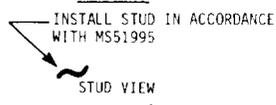
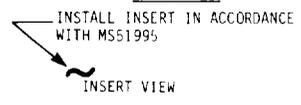


MS51992 STUD AND MS51497 OVERSIZE STUD WITH MS51997 LOCKRING

HOLE PREPARATION IN ACCORDANCE WITH MS51996 PER APPLICABLE EXTERNAL THREAD OF INSERT OR STUD END THREAD OF STUD AND CORRESPONDING DASH NUMBER.

NOTES:

1. INSTALL INSERT OR STUD TO DEPTH SHOWN.
2. DRIVE LOCKRING TO DEPTH SHOWN.
3. TYPICAL DRAWING CALLOUT TO BE LOCATED IN VICINITY OF PART IDENTIFICATION:
FOR INSERT
FOR STUD



4. REPLACEMENT OF INSERTS, STUDS AND LOCKRINGS IS MADE WITH SAME SIZE PARTS AS THOSE REMOVED. USE ABOVE INSTALLATION PROCEDURE EXCEPT BEFORE DRIVING NEW LOCKRING, ROTATE THE LOCKRING EXTERNAL SERRATIONS TO A POSITION ALIGNED WITH THOSE IN PARENT MATERIAL. IF PARENT MATERIAL IS DAMAGED, USE OVERSIZE INSERTS OR OVERSIZE STUDS SPECIFIED ABOVE.
5. DIMENSIONS ARE IN INCHES.
6. IN THE EVENT OF A CONFLICT BETWEEN THE TEXT OF THIS STANDARD AND THE REFERENCES CITED HEREIN, THE TEXT OF THIS STANDARD SHALL TAKE PRECEDENCE.

THIS IS A DESIGN STANDARD. NOT TO BE USED AS A PART NUMBER.

Ⓒ DENOTES CHANGES

P. A.	AR	INTERNATIONAL INTEREST	TITLE	MILITARY STANDARD
Other Cust	AS		FASTENERS, RING LOCKED INSERTS AND STUDS, INSTALLATION AND REPLACEMENT OF	MS51995
99				
PROCUREMENT SPECIFICATION	NONE	SUPERSEDES:		PAGE 1 OF 1

APPROVED 17 AUG 66 REVISED 12 FEB 88