



DASH NUMBER	Δ	LOAD LBS MAX
-1	1 500	30
-2	2 000	
-3	2 500	
-4	3 000	
-5	3 500	

NOTES

- DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE DECIMALS ± .010, ANGLES ±.0° 30
- MATERIAL SHALL BE CORROSION RESISTANT STEEL PER QQ-5-763 AND PASSIVATED PER QQ-P-35
- FASTENER SHALL BE FREE OF ALL BURRS, SLIVERS, AND SHARP EDGES
- THE FASTENER SHALL WITHSTAND 2000 OR MORE CYCLES OF LOCKING AND UNLOCKING WITHOUT DEGRADATION OF PERFORMANCE
- LOAD IS THE PORTION OF THE WEIGHT OF THE ITEM BEING HELD PER FASTENER
- THE FASTENER SHALL LOCK EVERY 15° OR IN SMALLER INCREMENTS
- THE FASTENER SHALL TIGHTEN BY PULLING AND TURNING KNOB ASSY CLOCKWISE AND SHALL LOCK UPON RELEASE OF THE KNOB ASSY UNLOCKING SHALL BE ACCOMPLISHED BY PULLING AND TURNING KNOB ASSY COUNTERCLOCKWISE NO TOOLS SHALL BE REQUIRED TO TIGHTEN, LOCK OR UNLOCK THE FASTENER. THE FASTENER SHALL NOT BECOME LOOSE OR UNLOCK UNDER VIBRATION OR SHOCK WHEN SUBJECTED TO MIL-STD-810, METHOD 514, PROCEDURE I, CURVE E, AND METHOD 516, PROCEDURE I, SHOCK PULSE 516-2
- METHOD OF LOCKING AND UNLOCKING SHALL BE INDICATED ON THE KNOB ASSY

Ⓒ INACTIVE FOR NEW DESIGN AFTER 26 JULY 1978.  
USE MS14109.

CERTAIN INTERNAL DESIGNS OF THIS FASTENER MAY INFRINGE RIGHTS ASSERTED UNDER PATENT 2,728,895  
SELF-LOCKING COUPLING DEVICE

Review activities  
Air Force-85,99  
DLA-15

This military standard is approved by the (activity), Department of the (AF) and shall be used by that activity. All other military activities are required to employ this standard where suitable.

APPROVED 25 Apr 69 REVISED A 1 Apr 70 B 16 May 73 C 26 JULY 78

P A Other Cust	USAF - 11	TITLE FASTENER SELF-LOCKING, CASE MOUNTING, ELECTRONIC EQUIPMENT (WITH HOLDING CLAMP)	MILITARY STANDARD MS27601 (USAF)
PROCUREMENT SPECIFICATION MIL-C-172	SUPERSEDES	SHEET 1 OF 1	

DD FORM 1 SEP 61 672-1 (Limited coordination)

EDITION OF 1 SEP 57 MAY BE USED

Proj No 5325F003