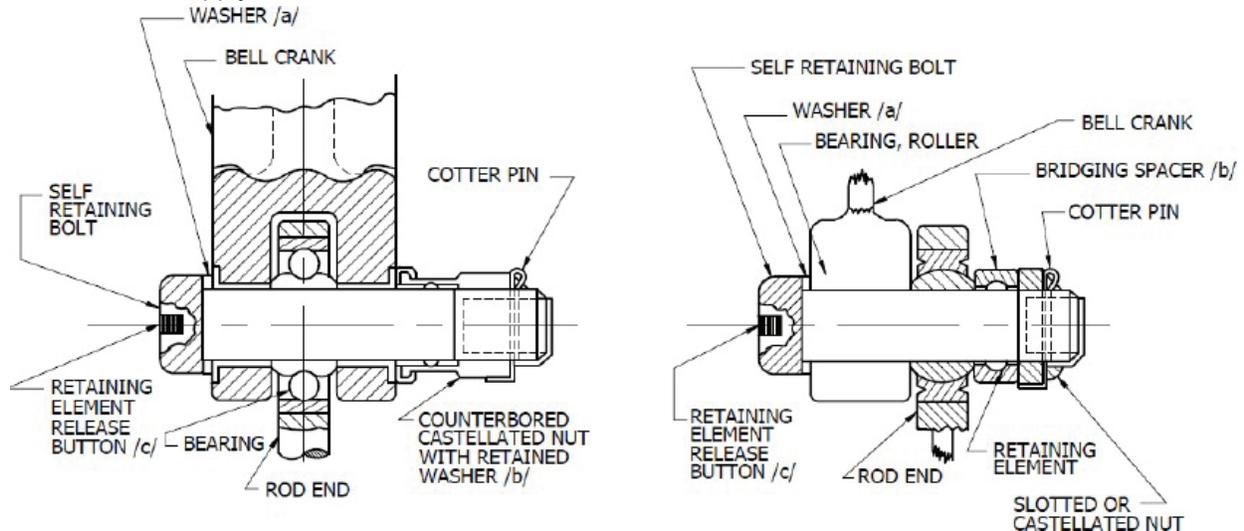


TM 1-1520-237-23&P, TM 1-1520-246-23&P, and TM 1-1520-280-23&P

Background: The Defense Logistics Agency (DLA) is reportedly having difficulties meeting field demand for the MS21244 nut. Currently, DLA has over 500 requisitions for the subject nut totaling over 20,000 individual nut requests. Subject nut is used throughout the flight control system and is a unique design - having an integrated floating washer, castellated, and incorporates a counterbore design to engage the locking feature of its required mating bolt (SS27576, SS27577, and SS5112). See general figure below. Due to the significant back log of inventory, UHPO requested an alternate nut be identified which could be used until the supply issue is resolved.



The Systems Readiness Directorate (SRD) has approved the use of SS5092-4 as an acceptable alternative until the preferred MS21244-4 nut is available. SS5092-4 meets all prerequisites of MIL-DTL-9490, reference 1.b, and maintains the same dimensions and strength requirements as MS21244-4 with no significant differences in galvanic compatibility between the two nuts.

SS5092-4 is currently used on the Army UH-60A/L/M pedal adjuster assemblies (P/N 70400-21613-041/-042) and is therefore already provisioned.

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