

MATERIAL ORDERING DATA

FF-S-86

IDN: **4523A 3069-9801**

ICN: **38CTB58503** KO: **R02** KOI: **002**

Paragraph 6.2 Ordering Data

- A. **FF-S-86H, FEDERAL SPECIFICATION SCREW, CAP, SOCKET-HEAD, dated 7 JUNE 2021.**
- B. Type, Material, Size and Length or Standard Part Number (see 1.2, 1.2.1, 1.2.2 and 3.1):
TYPE IV-SOCKET FLAT COUNTERSUNK HEAD CAP SCREW, ASTM F468-22 UNS R55111
ALLOY 32, 1/2" DIA, 4.5" LG
- C. Title, Number and Date including Part Number specified in accordance with military document (see 6.3): **NA**
- D. Material certification, if required (see 3.1 and 4.3.4): CHEMICAL AND MECHANICAL CERTIFICATIONS REQUIRED (SEE ADDITIONAL DATA REQUIREMENTS BELOW)
- E. Protective coating or surface treatment, if required (see Finish 3.3): TIODIZE TYPE IV COATING REQUIRED
- F. Cross drilling of cylindrical heads is not required (see 3.5.2).
- G. Thread series and class (see 3.5.4.3): **13UNC-2A**

NOTE: All K-Monel Socket Head Cap Screws (SHCS) must have the ·K· marking.

Additional Data Requirements:

- MATERIAL IDENTIFICATION MARK SHALL BE PER ASTM F468-22: F 468HT
- CHEMICAL PROPERTIES SHALL MEET THE REQUIREMENTS OF ASTM F468-22, TABLE I
- MECHANICAL PROPERTIES TESTING SHALL BE ACCOMPLISHED PER FF-S-86H (FULL SIZE TESTING) WITH ACCEPTANCE CRITERIA PER ASTM F468-22, TABLE 2
- TIODIZE TYPE IV COATING REQUIRED
- ALL OTHER REQUIREMENTS WILL BE PER FF-S-86H.

Prepared By: **HUNTER TRULOCK**

Code: **C/290**