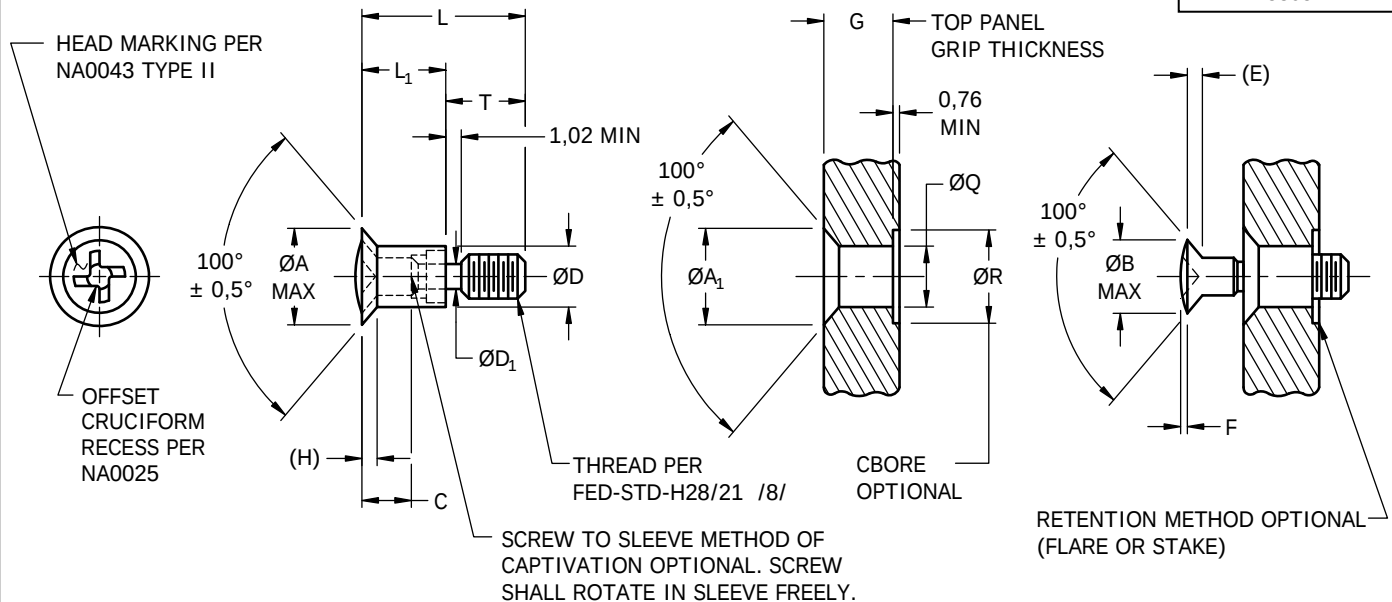


FED. SUPPLY CLASS

5305



SCREW ASSEMBLY
BEFORE MOUNTING

PANEL
PREPARATION

SCREW ASSEMBLY
AFTER MOUNTING

TABLE I – DIMENSIONS

DIA CODE	THREAD	ØA MAX	ØA ₁	ØB MAX	ØD	ØD ₁	(E)	F	(H)	ØQ	ØR	T	RECESS TYPE
030	MJ3 x 0,5 - 4h6h	8,00	8,38 8,13	5,72	4,65 4,39	2,08 1,83	1,30	0,3 0,2	1,47	4,85 4,72	8,43 7,92	4,83 4,07	4
040	MJ4 x 0,7 - 4h6h	8,00	8,38 8,13	5,99	5,54 5,28	3,09 2,84	1,04	0,3 0,2	1,09	5,75 5,62	9,35 8,84	6,73 5,97	6
050	MJ5 x 0,8 - 4h6h	10,00	10,38 10,13	8,03	6,53 6,27	3,76 3,51	1,52	0,4 0,3	1,52	6,74 6,61	10,04 9,53	6,73 5,97	8
060	MJ6 x 1 - 4h6h	12,00	12,36 12,11	9,68	8,08 7,82	4,67 4,42	1,85	0,4 0,3	1,68	8,29 8,16	11,61 11,10	7,52 6,76	10

MATERIAL:

SCREW – CRES – A286 (UNS K66286) PER AMS5732.
SLEEVE – CRES – 304 (UNS S30400) PER AMS-QQ-S-763 QQ-S-763.

HEAT TREATMENT:

SCREW – 660 MPa MINIMUM ULTIMATE SHEAR.
SLEEVE – NONE.

② COMPLETELY REVISED

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 2
PROCUREMENT SPECIFICATION NA0026	TITLE SCREW, CAPTIVE, 100° FLUSH HEAD, OFFSET CRUCIFORM RECESS, A286 CRES, 660 MPa SHEAR, METRIC	CLASSIFICATION PART STANDARD

②

Documents
SHEET 1 OF 3

FINISH:

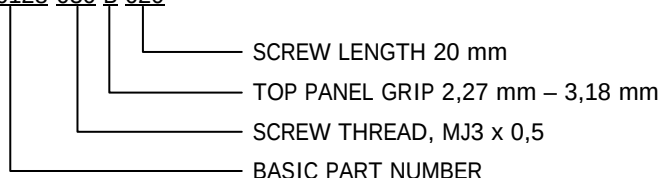
SCREW AND SLEEVE – PASSIVATE PER AMS2700, METHOD 1, CLASS 4.

CODE:

FIRST THREE NUMBERS INDICATE NOMINAL THREAD SIZE IN MILLIMETERS AND TENTHS AS TABULATED.
CODE LETTER FOLLOWING THE FIRST THREE NUMBERS INDICATES THE TOP PANEL GRIP AS TABULATED.
SECOND THREE NUMBERS DESIGNATE SCREW LENGTH IN MILLIMETERS AS TABULATED.

EXAMPLE OF PART NUMBER:

NA0128-030 B 020



NOTES:

- (1) SURFACE ROUGHNESS: BEARING SURFACE OF SCREW HEAD AND SLEEVE, SHANK AND ALL THREAD ELEMENTS: 0,8 MICROINCHES Ra; ALL OTHER SURFACES: 3,2 MICROINCHES Ra PER ASME B46.1.
- (2) REMOVE ALL BURRS AND BREAK SHARP EDGES 0,1 TO 0,4.
- (3) DIMENSIONS IN MILLIMETERS AND APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.
- (4) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.
- (5) TENSILE, SHEAR AND FATIGUE REQUIREMENTS SPECIFIED IN THE PROCUREMENT SPECIFICATION ARE NOT APPLICABLE.
- /6/ INDICATED "T" DIMENSION FOR A GIVEN COMBINATION APPLIES ONLY TO THE ASSEMBLY WHICH HAS THE THREAD LENGTH SHORTER THAN THE STANDARD THREAD LENGTH GIVEN IN TABLE ON SHEET 1.
- /7/ MINIMUM "T" SHOULD NOT BE LESS THAN ONE DIAMETER IN LENGTH FOR ANY GIVEN SIZE.
- /8/ ACCEPTABILITY OF SCREW THREADS SHALL BE IN ACCORDANCE WITH FED-STD-H28/20 SYSTEM 22.
- /9/ "L" SHOULD BE GREATER THAN OR EQUAL TO ("L₁" + 1,02 mm + "T") IF FULL THREAD ENGAGEMENT IS REQUIRED.
- (10) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (11) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
- (12) UNLESS OTHERWISE SPECIFIED HEREIN, REFERENCED DOCUMENTS SHALL BE THE ISSUE IN EFFECT ON DATE OF MANUFACTURE. HOWEVER, EXISTING MATERIAL INVENTORY CERTIFIED TO A PREVIOUS REVISION OF THE APPLICABLE MATERIAL SPECIFICATION(S) IS ACCEPTABLE FOR USE UNTIL DEPLETION.

② COMPLETELY REVISED

REVISION
2
NA0128
SHEET 2



Documents
SHEET 2

Document Sharing Hub

USE OF OR RELIANCE UPON THIS DOCUMENT OR ANY NATIONAL AEROSPACE STANDARD IS ENTIRELY VOLUNTARY. AIA DOES NOT QUALIFY SUPPLIERS OR CERTIFY

Copyright Aerospace Industries Association of America Inc. AIA MAKES NO REPRESENTATION OR CLAIM RESPECTING (1) THE SUITABILITY OF
Provided by IHS under license with AIA/NAS. Licensee= www.sepana.ir/5991803002, User=sam, albert
No reproduction or networking permitted without license from IHS. Not for Resale, 01/04/2016 11:52:36 MST. TRADEMARKS RIGHTS.

Full document details: AIA NA0128 2012