

NOTICE—When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility, nor any obligation whatever; and the fact that the Government may have formulated, furnished, or in any way supplied the said drawings, specifications, or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.

This military standard is approved by the Department of Defense and is mandatory on all activities. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

FED. SUP CLASS 6760												
DASH NO.	FILM WIDTH	NOMINAL CAPACITY IN FEET (C)	A WIDTH AT CORE	B OVERALL WIDTH AT KEYWAY ±.020	C FLANGE DIA ±.016	D CORE DIA ±.016	E FLANGE THICKNESS	F FILM SLOT LENGTH	G CORE THICKNESS ±.005	PREVIOUS PART NO.		
* -1	70 MM	15	2,763 ±.006	2,925	1,719	.969	.040	2,763 ±.006	.045	MS 24343-1		
-1A		25			(C) → 2,125							
-2		50			2,625							MS 24343-3
-3		100			3,750							MS 24343-4
-4		250			5,938							MS 24343-5
-5		500			7,625							MS 24343-6
-6	1000			10,500	2,125	.081		.065	MS 24343-7			
* -6A	5,000 INCH	25	5,000 ±.010	5,162	2,250	1,250	.050	4,000 ±.125	.030	51C17848-1		
-7		50			2,750							51C17848-2
-8		100			3,750							51C17848-3
-9		250			5,938							51C17848-4
-10		500			7,625							51C17848-5
-11		750			9,125							51C17848-6
-12	1000			10,500	2,125	.081		.065				
-13	7,000 INCH	125	7,031 ±.010	7,156	4,625	2,500	.040	5,000 ±.125		AN7012		
* -13A	9,500 INCH	25	9,500 ±.010	9,662	2,876	2,125	.050	6,000 ±.125	.030	51C17848-7		
-14		50			3,438							AN7013-1
-15		75			4,000							51C17848-8
-16		100			4,125							51C17848-9
-17		200			5,186							51C17848-10
-18		250			5,938							51C17848-11
-19		400			6,625							51C17848-12
-20		500			7,625							51C17848-13
-21		750			9,125							51C17848-14
-22		1000									10,500	2,125

(C) FOR CHANGES SEE SHEETS 1 AND 2

P.A. USAF - 70 Other Cust ARMY - EL NAVY - AS	INTER-NATIONAL INTEREST	TITLE  SPOOL - PHOTOGRAPHIC FILM, AERIAL	MILITARY STANDARD  <b>MS 26565</b>
Procurement Specification NONE		SUPERSEDES: DOCUMENTS 51B18076, 51C17848, 51C18075, MS24343, AN7014, AN7015, AN7012, AN7013	SHEET 1 OF 3

APPROVED (A) 14 APR 1967 REVISED (B) 2 JUL 1968 (C) 5 April 1973

NOTICE.—When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility, nor any obligation whatsoever; and the fact that the Government may have formulated, furnished, or in any way supplied the said drawings, specifications, or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.

This military standard is approved by the Department of Defense and is mandatory on all activities. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

FED. SUP CLASS  
6760

- (a) EMBOSSED AREAS OF SPOOLS WILL BE AS FOLLOWS ( $a=OD$ ,  $a_1=ID$ )
- ① -1, -1A, -2, -3,  $OD=0.668\pm0.016$ ,  $ID=0.562\pm0.016$ .  
 -4, -5, -6A, -7, -8, -9, -14, -16, -18, AND -19,  $OD=1.000\pm0.016$ ,  $ID=0.875\pm0.016$ .  
 -13A, -15, AND -17,  $OD=1.062\pm0.016$ ,  $ID=1.000\pm0.016$ .  
 -13,  $OD=1.062\pm0.016$ ,  $ID=0.968\pm0.016$ .  
 THE FOLLOWING SPOOLS HAVE NO EMBOSsing:  
 -6, -10, -11, -12, -20, -21, AND -22.
- (b) FOR DASH NUMBERS -1 THRU -3, 8 LUGS,  $0.125\pm0.032$ .  
 FOR DASH NUMBERS -4 THRU -22, 4 LUGS,  $0.500\pm0.032$ .
- (c) NOMINAL CAPACITIES GIVEN ARE FOR 0.006-INCH FILM (6 MILS)
- (d) FOR SPOOL -13 THE KEYWAY LENGTH SHOULD BE  $0.875\pm0.015$  IN LIEU OF  $0.750\pm0.016$  CALLED FOR ON ALL OTHER SPOOLS.

LATERAL RUNOUT: THE FOLLOWING TOLERANCES APPLY TO THE FLATNESS AND ACCURACY OF ROTATION OF THE INTERNAL SURFACE OF EACH FLANGE WHEN THE SPOOL IS ROTATED ON AN ACCURATE, TIGHT-FITTING SPINDLE. THE MAXIMUM DEVIATION FROM THE INTENDED PLANE OR ROTATION FOR ANY POINT ON EACH FLANGE SHALL NOT EXCEED

FOR SPOOLS -1, -1A, -2, -3, -6A, -7, -8, -13A, AND -14:  
 0.015 INCH.  
 FOR SPOOLS -4, -5, -6, -9, -10, -11, -12, -13, AND -15 THRU -22: 0.030 INCH.

INTENDED PLANE: THE INTENDED PLANE OF ROTATION IS DEFINED AS A PLANE PERPENDICULAR TO THE AXIS OF THE SPINDLE AND COINCIDENT WITH THE INTERNAL SURFACE OF THE FLANGE ADJACENT TO THE CORE AND CENTERED ABOUT THE SPINDLE HOLE.

① MATERIAL: FLANGE: ALUMINUM ALLOY 7075-T6 (QQ-A-250/12E).  
 CORE: ALUMINUM ALLOY 6061-T4 (QQ-A-250/11D). OR;  
 STEEL, LOW CARBON, MIL-S-7809, (EXCEPT FOR -10 SPOOLS USED IN THE KA-56 CAMERA AND -4 SPOOLS USED IN THE KA-60 CAMERA). OPTIONAL MATERIAL: FLANGE: ALUMINUM ALLOY, 3003-H28 (QQ-A-250/2C) FOR -1, -1A, -2, AND -3 SPOOLS, CORE FOR SAME: ALUMINUM ALLOY 3003-0.

① FINISH: ALUMINUM ALLOY: SANDBLAST OR CHEMICALLY CLEAN AND ANODIZE IN ACCORDANCE WITH MIL-A-8625.  
 STEEL MATERIAL: SANDBLAST OR CHEMICALLY CLEAN AND PAINT WITH ONE COAT OF LUSTERLESS BLACK ENAMEL, TT-E-515, COMPOSITION G, OR EQUIVALENT.

REMOVE ALL BURRS AND BREAK SHARP EDGES.

① DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS  $\pm0.005$ , ANGLES  $\pm2^\circ$ . WHEN ALUMINUM ALLOYS ARE USED, CORE THICKNESS MUST BE INCREASED TO  $0.065\pm0.005$  EXCEPT -1, -1A, -2, AND -3 SPOOLS.

P.A. USAF - 70	INTER- NATIONAL INTEREST	TITLE  SPOOL - PHOTOGRAPHIC FILM, AERIAL	MILITARY STANDARD
Other Cust ARMY - EL NAVY - AS			MS 26565
Procurement Specification NONE	SUPERSEDES: DOCUMENTS 51B18076, 51C17848, 51C18075, MS24343, AN7014, AN7015, AN7012, AN7013		SHEET 2 OF 3

ment procurement operations the United States Government thereby incurs no responsibility nor any obligation whatsoever; and the fact that the Government may have formulated, furnished, or in any way supplied the said drawings, specifications, or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.

activities. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

FED. SUP CLASS  
6760

CONCENTRICITY OF CENTER HOLE AND CORE TO BE WITHIN 0.030 TOTAL INDICATOR READING.

CONCENTRICITY OF HOLE AND FLANGE TO BE WITHIN 0.030 TOTAL INDICATOR READING.

NOTES:

FOR DESIGN FEATURE PURPOSED, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.

CERTAIN PROVISIONS OF THIS STANDARD, DESIGNATED BY AN ASTERISK, ARE THE SUBJECT OF INTERNATIONAL STANDARDIZATION. WHEN AMENDMENT, REVISION, OR CANCELLATION OF THIS STANDARD IS PROPOSED, THE PREPARING ACTIVITY WILL TAKE APPROPRIATE RECONCILIATION ACTION THROUGH INTERNATIONAL STANDARDIZATION CHANNELS, INCLUDING DEPARTMENTAL STANDARDIZATION OFFICES, IS REQUIRED. (REFERENCE NATO AGREEMENT STANAG 3178.)

REVISED FOR CHANGES SEE SHEETS 1 AND 2

APPROVED

P.A. USAF - 70	INTER- NATIONAL INTEREST	TITLE  SPOOL - PHOTOGRAPHIC FILM, AERIAL	MILITARY STANDARD
Other Cust ARMY - EL NAVY - AS			<b>MS 26565</b>
Procurement Specification NONE	SUPERSEDES: DOCUMENTS 51B18076, 51C17848, 51C18075, MS24343, AN7014, AN7015, AN7012, AN7013		SHEET 3 OF 3