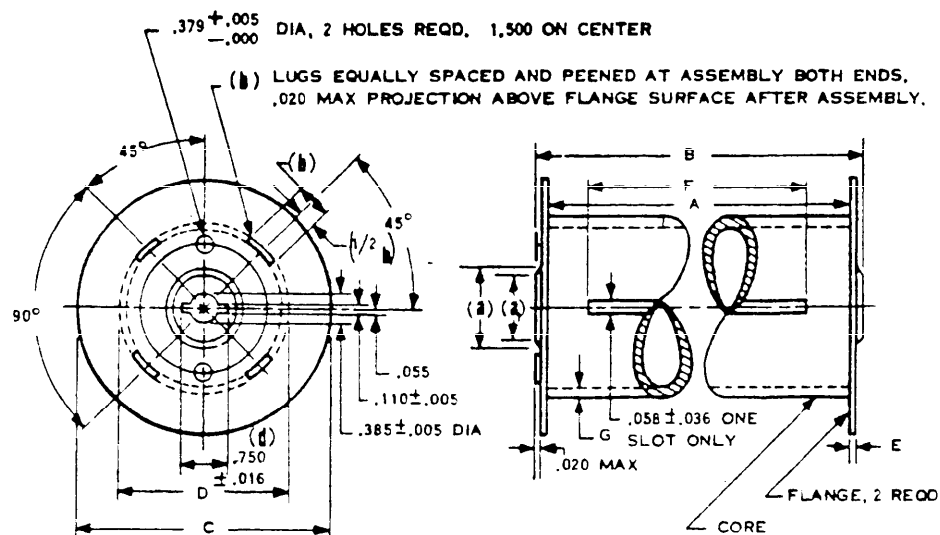


FED. SUP CLASS  
6760

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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			2,825					
-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	5,000 INCH	1000	5,000 ± .010	5,162	10,500	2,125	.081	4,000 ± .125	.065	MS 24343-7
* -6A		25			2,250					
-7		50			2,750					51C17848-1
-8		100			3,750					51C17848-2
-9		250			5,938					51C17848-3
-10		500			7,625					51C17848-4
-11	7,000 INCH	750	7,031 ± .010	7,156	9,125	2,500	.040	5,000 ± .125	.030	51C17848-5
-12		1000			10,500					51C17848-6
-13		125			4,625					AN7012
* -13A		25			2,876					
-14		50			3,438					51C17848-7
-15		75			4,000					AN7013-1
-16	9,500 INCH	100	9,500 ± .010	9,662	4,125	2,125	.050	6,000 ± .125	.065	51C17848-E
-17		200			5,186					51C17848-9
-18		250			5,938					51C17848-10
-19		400			6,625					51C17848-11
-20		500			7,625					51C17848-12
-21		750			9,125					51C17848-13
-22		1000			10,500					51C17848-14

© 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

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- (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 EMBOSHING:  
 -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.

- ② 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.

- ③ 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.

- ④ 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

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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
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