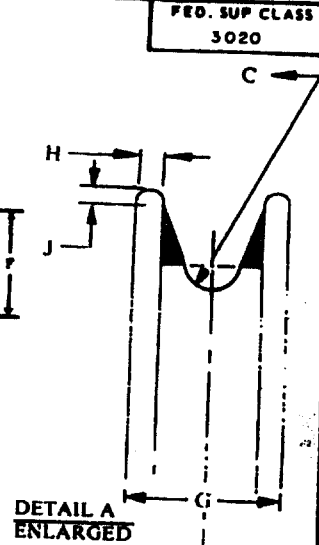
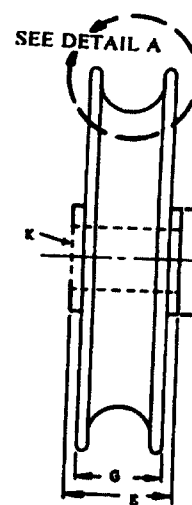
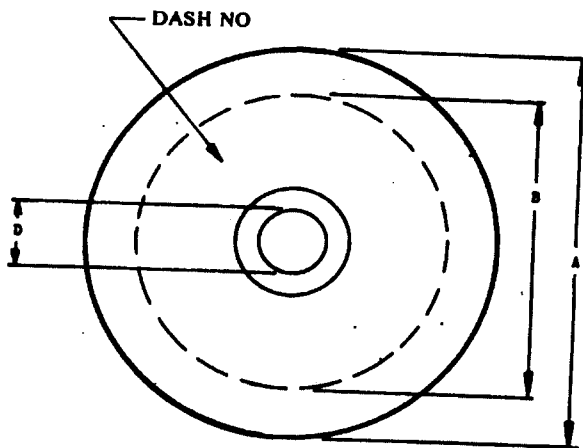


MS24566 REV E 30 9999912 0005103 T

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FED. SUP CLASS
3020

MS24566 DASH NO.	CABLE SIZE NOM DIA INCHES	A	B	C	D	E	F	G
		OUTSIDE DIA --.010	GROOVE DIA --.010	GROOVE RAD	BORE DIA --.0005	I.R. WIDTH --.005	BEAR HUB REF DIA	WIDTH (a) SHEAVE
		INCHES	INCHES	INCHES	INCHES	INCHES	INCHES	INCHES
-1B	1/16	1.250	.972	.055	.1900	.297	.297	.250
-2B	3/32	2.500	2.222	.003			.332	-.012
-3B	1/8	2.000	1.510	.112				.422
-4B	5/32	3.500	3.010	-.003	.2500	.484	.390	-.012
-5B	3/16	5.000	4.374	.145				.500
-6B	7/32	6.000	5.374	-.005	.3750	.620	.591	.500
-7B	1/4							.007

MS24566 DASH NO.	H	J	K	PULLEY ASSY	PULLEY STRENGTH	AFBMA BEARING (REF)
	FLANGE WIDTH		BORE CHAMFER X 45°	WEIGHT MAX	ALLOWABLE LIMIT LOAD ON PULLEY	
	INCHES	INCHES	INCHES	LB	LB	
-1B	.060	.040		.026	300	KE3AK
-2B	±.005			.075	500	KP3K
-3B	.086	.086	.020	.090	600	KP4K
-4B	±.006		-.015	.200	1200	
-5B	.092	.092		.500	3000	KP6
-6B	±.007			.660	4000	

NOTE (a) HUB MAY BE ADDED TO PULLEY WHERE WIDTH OF BEARING IS GREATER THAN G.

MATERIAL: PHENOLIC - SEE PROCUREMENT SPECIFICATION.

EXAMPLES OF PART NUMBERS: MS24566-2B - NONMETALLIC PULLEY AND FIXED BALL BEARING WITH CONTACT SEAL.

ENGINEERING INFORMATION: MS24566-1B AND MS24566-3B SHALL NOT BE INSTALLED ON FREQUENTLY USED AIRCRAFT CONTROLS TO BEND THE CABLE MORE THAN 15° FROM A STRAIGHT LINE.

DIMENSIONS IN INCHES.

REFERENCED DOCUMENTS SHALL BE THE ISSUE ON DATE OF INVITATIONS FOR BID.
THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.

(E) DRAWING REVISED.

This military standard is approved for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document, when applicable.

User Activities:
Air Force - 99

Review Activities:
Army - AV
Navy - AS

P.A. Air Force - 11	TITLE PULLEY, CONTROL, ANTI-FRICTION BEARING	MILITARY STANDARD MS24566
Other Cust Army - AV Navy - AS		
PROCUREMENT SPECIFICATION MIL-P-7034	SUPERSEDES	Sheet 1 OF 1

DD FORM 672

REVISIONS LISTED AT THE BOTTOM ARE OBSOLETE

Project No. 3020-0115

APPROVED 4 Jan 60 REVISED A 31 Mar 65 B 21 Jun 76 (C) 31 July 1982 D 2 Apr 84 E 17 JULY 1984