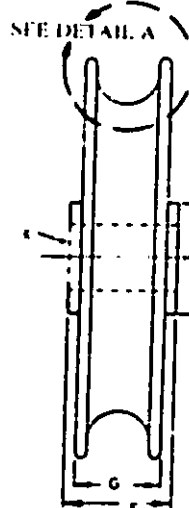
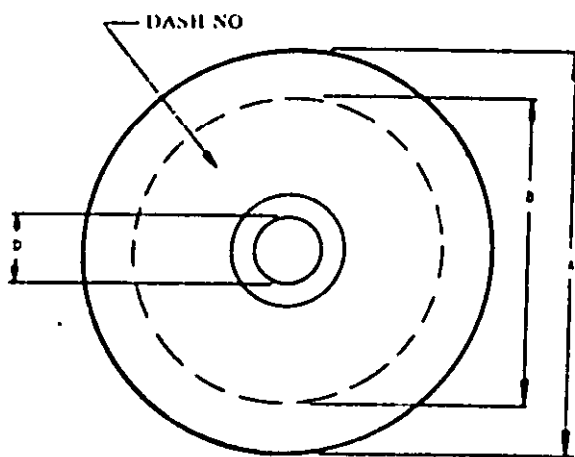


Use Activities
Army - AF
Air Force - AF

Review Activities
Army - AF
Navy - AF

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.



DETAIL A
ENLARGED

FED SUP CLASS
3020

MS24566 DASH NO.	CABLE SIZE NOM DIA	A	B	C	D	E	F	G
		OUTSIDE DIA +.010	GROOVE DIA +.010	GROOVE RAD	HAUL DIA +.004	I.D. WIDTH +.015	STAP WID DEF DIA	WIDTH (A) (INCL)
	INCHES	INCHES	INCHES	INCHES	INCHES	INCHES	INCHES	INCHES
-10	1/16	1.240	.972	.55	.1000	.247	.027	.027
-20	1/32	2.500	2.222	.703			.332	.332
-30	1/8	2.000	1.510	.117				.420
-40	5/32	3.500	3.010	.003	.2500	.584	.450	.420
-50	3/16	5.000	4.475	.145				.500
-60	7/32	6.000	5.375	.205	.3750	.720	.501	.500
	1/4							.500

MS24566 DASH NO.	H	J	K	PULLY ACCT	PULLY ST LENGTH	AFEMA BEARING (REF)
	FLANGE WIDTH		BORE CHAMFER E 45°	WEIGHT MAX	ALLOWABLE TENSILE LOAD ON 1 SET	
	INCHES	INCHES	INCHES	LAG	LAG	
-10	.060	.04		.016	300	AF300
-20	.005			.075	500	AF500
-30	.086	.056	.015	.050	200	AF200
-40	.006			.200	1500	
-50	.092	.07		.370	1000	AF
-60	.007			.660	1.00	

NOTE (a) HUB MAY BE ADDED TO PULLEY WHERE WIDTH OF BEARING IS GREATER THAN 1.

MATERIAL. PHENOLIC - SEE PROCUREMENT SPECIFICATION.

EXAMPLES OF PART NUMBERS. MS24566-20 - NONMETALLIC PULLEY AND FILLED BALL BEARING, WITH CONTACT SEAL.

ENGINEERING INFORMATION. MS24566-10 AND MS24566-10 SHALL NOT BE INSTALLED ON AIRCRAFT CONTROLS TO SEND THE CABLE MORE THAN 15° FROM A STRAIGHT LINE.

DIMENSIONS IN INCHES.

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

(E) DRAWING REVISED.

P.A. Air Force - 11	TITLE PULLEY, CONTROL, ANTI-FRICT; 3 GRAPH	MILITARY STANDARD
Other Cost Army - AF Navy - AF		MS24566
PROCUREMENT SPECIFICATION MIL-P-1034	SUPERSEDES	Sheet 1 OF 1