



MIL-STD-66 DASH NO.	CABLE SIZE WIRE DIA	A	B	F	E	L	F	G
		OUTSIDE DIA -.010	GROOVE DIA -.010	GROOVE RAD	WIRE DIA -.004	I.R. WIDTH -.015	STAR HUB DEF DIA	WIDTH (±) (INCL)
	INCHES	INCHES	INCHES	INCHES	INCHES	INCHES	INCHES	INCHES
-10	1/16	1.240	.972	.55	.1000	.277	.227	.251
-20	1/32	2.500	2.222	.703		.332		.311
-30	1/8	2.000	1.510	.117		.424	.370	.420
-40	5/32	3.500	3.010	-.003	.2500			-.011
-50	3/16	5.000	4.375	.145		.420	.501	.500
-60	7/32	6.000	5.375	-.005	.3750			.500
	1/4							

MIL-STD-66 DASH NO.	H	J	F	PULLEY ARC	PULLEY LENGTH	AFEMA BEARING (REF)
	FLANGE WIDTH	.005	BORE CHAMFER R .040	WEIGHT MAX	ALLOWABLE LOAD OR DEF	
	INCHES	INCHES	INCHES	GRS	LBS	
-10	.060	.047		.016	300	AF308
-20	.065			.075	500	AF308
-30	.086	.026	-.015	.020	200	AF308
-40	.066			.200	1500	AF308
-50	.092	.027		.370	1500	AF308
-60	.007			.620	1500	AF308

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 THE TWISTED WIRE AIRCRAFT CONTROLS TO BEND THE CABLE MORE THAN 15° FROM A STRAIGHT LINE.

DIMENSIONS IN INCHES.

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

(E) DRAWING REVISED.

Review Activities:
Army - AV
Navy - AD

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.

APPROVED 4 JAN 60 REVISED A 31 MAR 65 (C) 31 JULY 1992 (D) 7 APR 84 (E) 17 JULY 1984

P.A. Air Force - 11	TITLE	MILITARY STANDARD MS24566
Other Cost Army - AV Navy - AD	PULLEY, CONTACT, ANTI-FRICT; 3 GRADES	
PROCUREMENT SPECIFICATION MIL-P-703A	SUPERSEDES	Sheet : OF :