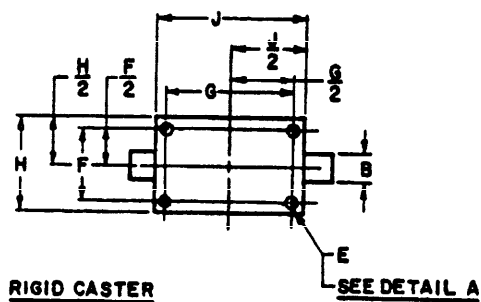
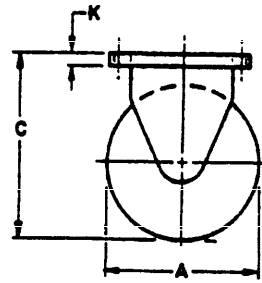
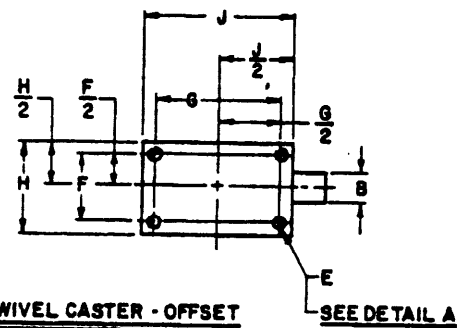
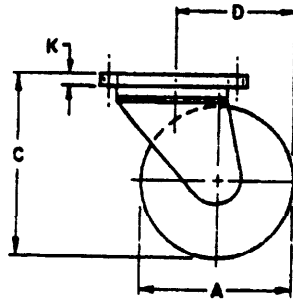
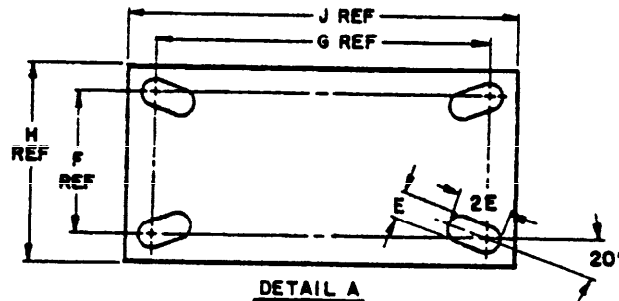


FED. SUP CLASS
5340USER ACTIVITIES: ARMY - J1
NAVY - MCREVIEWER ACTIVITIES: NAVY - SA
DLA - 18This military standard is approved for use by all Departments and Agencies of the Department of Defense
Selection for all new engineering and design applications and for repetitive use shall be made from this documentRIGID CASTERSWIVEL CASTER - OFFSETDETAIL AALTERNATE TOP PLATE FOR RIGID AND SWIVEL CASTER

DIMENSIONS IN INCHES.

FOLLOWING NOTES APPLY TO MS PART NO. TABLE (SEE SHEET 2):

(a) DASH NUMBERS -4, -6, -8, -10 & -12 DESIGNATE THE WHEEL SIZE AS DESIGNATED BY COLUMN "A Wheel Dia"

THE FIRST LETTERS DESIGNATE THE STYLE OF CASTER AS FOLLOWS:

R - RIGID CASTER
S - SWIVEL CASTER

THE SECOND DASH LETTERS DESIGNATE THE WHEEL MATERIAL AS FOLLOWS:

T - RUBBER TREAD
C - COMPOSITION WHEEL FOR 4 & 6 INCH SIZES
M - METAL WHEELS

ADDITIONAL DASH LETTERS SHALL BE ADDED, WHEN REQUIRED, TO DESIGNATE THE FOLLOWING:

L - SWIVEL LOCK FOR 4, 4.5 & 6 INCH SIZES
E - ELECTROSTATICALLY CONDUCTIVE FOR "M" WHEELS IN 4 & 6 INCH SIZES & FOR "M" WHEELS IN THE 4, 4.5, 10, & 12 INCH SIZES.
H - SHOCK-MOUNTING FOR 4, 10, & 12 INCH SIZES
B - BRAKES INSTALLED

(5) APPLIES ONLY TO SWIVEL CASTERS

(c) OVERALL HEIGHT FOR SHOCK MOUNTED CASTERS SHALL BE MEASURED UNDER RATED LOAD CONDITIONS

EXAMPLE OF PART NO. MS24380-8SLEH: SIZE 8 WHEEL, SWIVEL STYLE, SWIVEL LOCK, ELECTROSTATICALLY CONDUCTIVE, SHOCK-MOUNTED

FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.

REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.

(D) ENTIRE STANDARD REVISED

P.A. AIR FORCE - 82

Other Cast

NAVY - AS

AIR FORCE - 99

PROCUREMENT SPECIFICATION
MIL-C-7474

TITLE

CASTERS, INDUSTRIAL

SUPERSEDES:

MILITARY STANDARD

MS24380

SHEET 1 OF 2

DD FORM 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

PROJECT 5340-1498

APPROVED 29 OCT 57 REVISED (A) 16 MAR 59 (B) 21 MAR 69 (C) 6 OCT 76 (D) 31 MARCH 1983

This military standard is approved for use by all Departments and Agencies of the Department of Defense
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RESEARCH ACTIVITIES
NAVY-SA
DLA- IS

USER ACTIVITIES:

ARMY-AT
NAVY-MC

FED. SUP CLASS
5340

© Entire Standard Revised

P.A. Air Force - 82 Other Cust	TITLE CASTERS, INDUSTRIAL	MILITARY STANDARD MS24380
Navy - AS AIR FORCE - 99	SUPERSEDES:	SHEET
PROCUREMENT SPECIFICATION MIL-C-7474		

DD FORM 672-1 (Continued)

EDITION OF 1 SEP 67 MAY BE USED.

(a)	A	WHEEL DIA. (INCH.)	STYLE OF CASTER	WHEEL TREAD MATERIAL	RATED LOAD LBS (MIN)	CASTER WEIGHT LBS (MAX)	B	C	D	E	F	G	H	J	K
MS PART NO.							MIN TREAD WIDTH BASE OF TIRE	OVERALL HEIGHT	SWIVEL RADIUS	DIA OF BOLT HOLES	BOLT HOLE SPACING	BOLT HOLE SPACING	MAX TOP PLATE WIDTH	MAX TOP PLATE LENGTH	MAX TOP PLATE THICKNESS AT BOLT HOLES
MS24380-400	4		RIGID	RUBBER	170	2.8	1.500	±.06	3.875	±.015	±.020	±.020	4.125	4.625	.250
MS24380-420			SWIVEL	COMPO	400	3.6		5.290	3.375	-.005	2.625	3.625			
MS24380-430			SWIVEL	SITON	400	3.9									
MS24380-450			SWIVEL	METAL	400	4.7									
MS24380-480	6		RIGID	RUBBER	340	7.2	2.000	±.06	5.250	±.015	±.020	±.020	5.125	7.125	.312
MS24380-650			SWIVEL	COMPO	600	8.8		7.375	4.750	-.005	3.375	5.250			
MS24380-680			SWIVEL	SITON	600	8.8									
MS24380-690			SWIVEL	METAL	600	9.4									
MS24380-800	8		RIGID	RUBBER	560	26.0	2.500	±.09	6.875	±.015	±.020	±.020	5.375	7.25	.500
MS24380-850			SWIVEL	COMPO	1200	30.0		10.250	6.375	-.005	3.375	5.250			
MS24380-880			SWIVEL	SITON	1200	30.0									
MS24380-890			SWIVEL	METAL	1200	32.0									
MS24380-1000	10		RIGID	RUBBER	830	53.0	3.000	±.09	8.750	±.030	±.020	±.020	9.125	11.125	.625
MS24380-1050			SWIVEL	COMPO	2000	63.0		12.875	8.250	-.007	7.000	9.750			
MS24380-1080			SWIVEL	SITON	2000	63.0									
MS24380-1090			SWIVEL	METAL	2000	68.0									
MS24380-1200	12		RIGID	RUBBER	950	65.0	3.000	±.09	10.00	±.030	±.020	±.020			
MS24380-1250			SWIVEL	COMPO	2500	72.0		14.875	9.500	-.007	7.000	9.750			
MS24380-1280			SWIVEL	SITON	2500	72.0									
MS24380-1290			SWIVEL	METAL	2500	72.0									

APPROVED 29 JUL 57 REVISED SEE SHEET 1 FOR REVISIONS