

REVIEWER ACTIVITY: DLA-CS
USER ACTIVITIES: ARMY-ME

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.

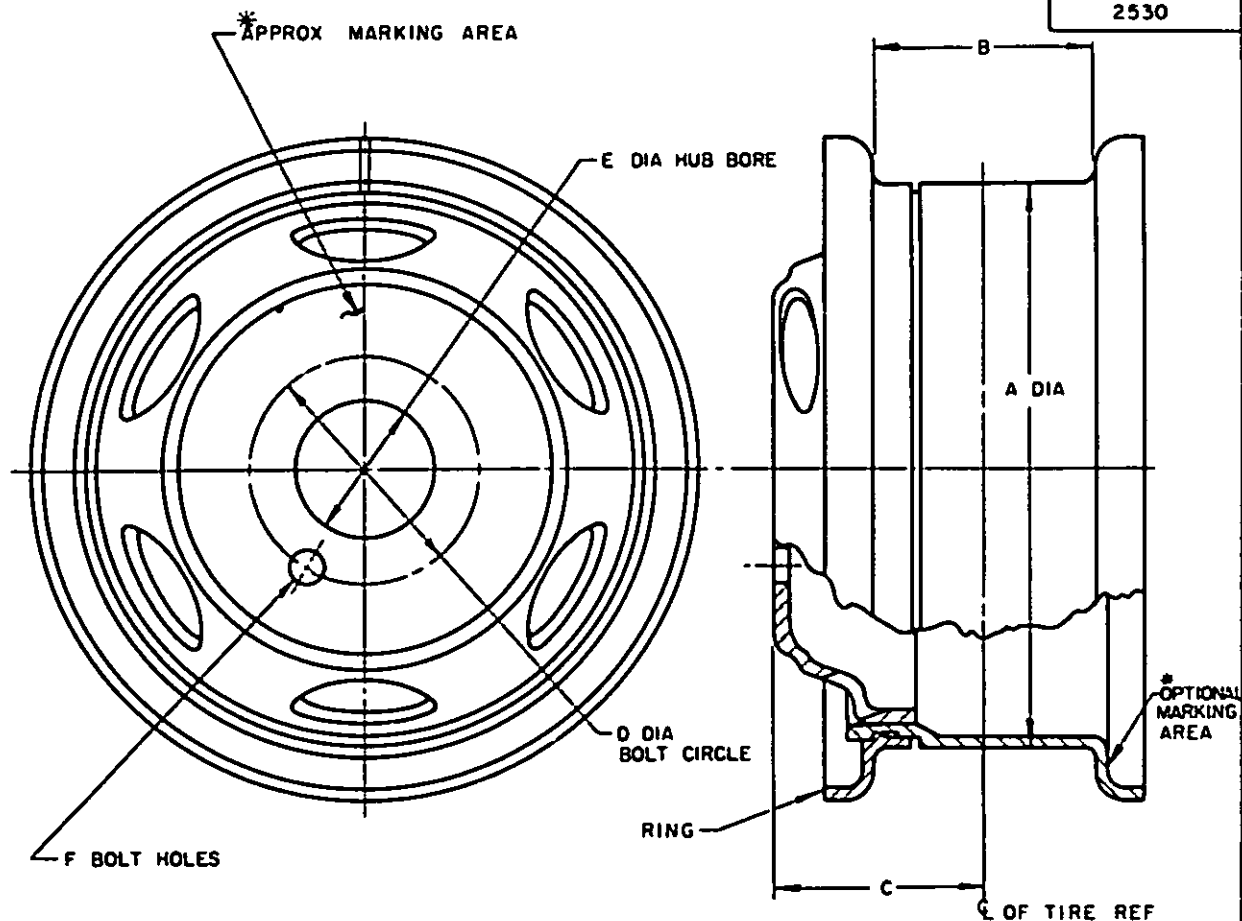


TABLE I
WHEEL DIMENSIONAL DATA

ARMY DWG. NO	RIM SIZE		OFFSET C	D DIA BOLT CIRCLE	E HUB BORE	F NO HOLES	RING MS NO
	A	B					
7388452	16	6.5	4	6.875	4.975	5	MS 53045-2
7355436	16	6.5	5-7/8	6.875	4.975	5	MS 53045-2
7389618	20	7.5	5-1/8	8.750	6.471	6	MS 53045-3
7389621	20	7.5	6-3/16	8.750	6.471	6	MS 53045-3
7388820	20	7.5	6-11/16	11.250	8.727	10	MS 53045-3
7353762	20	10	8-7/8	11.250	8.727	10	MS 53045-4
7355439	24	10	8-7/8	13.189	10.671	10	MS 53045-5

P.A. ARMY-AT
Other Cust
Navy - MC
AF-99

TITLE
WHEEL, PNEUMATIC TIRE-DISK TYPE,
WITH RING,
FOR TACTICAL WHEELED VEHICLES

MILITARY STANDARD
MS 53044

PROCUREMENT SPECIFICATION
NONE

SUPERSEDES

SHEET 1 OF 2

APPROVED 9 OCT 1962 REVISED (A) 5 MAY 1964 (C) 17 FEB 1977 (C) 14 OCT 82

TABLE II
WHEEL APPLICATION DATA

ARMY DWG NO	TIRE APPLICATION		DUAL OR SINGLE	MAXIMUM RECOMMENDED LOAD
	SIZE	PLY		
7388452	9.00-16	8	SINGLE	2640
7355436	9.00-16	10	DUAL	2920
7389618	11.00-20	12	SINGLE	5150
	11.00-20	14	SINGLE	5730
	12.50-20	12	SINGLE	5330
7389621	9.00-20	8	DUAL	3240
	9.00-20	10	DUAL	3960
7388820	10.00-20	12	DUAL	4580
	10.00-20	14	DUAL	5210
	11.00-20	12	DUAL	5150
	11.00-20	14	SINGLE	5730
7353762	14.00-20	20	DUAL	9030
	14.75-20	12	SINGLE	6330
7355439	14.00-24	20	DUAL	10,050

NOTES:

1. REFERENCED LOAD CAPACITIES SHOWN IN TABLE II CONFORM TO MIL-T-12459.
2. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.
3. DIMENSIONS SHOWN ARE IN INCHES AND ARE FOR ENGINEERING REFERENCE ONLY.
4. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
5. MARKING SHALL CONSIST OF THE MS PART NUMBER AND MANUFACTURER'S IDENTIFICATION IN ACCORDANCE WITH MIL-STD-130.
6. DETAILS OF THESE ASSEMBLIES SHALL BE IN ACCORDANCE WITH REFERENCED DRAWINGS, COPIES OF WHICH MAY BE OBTAINED FROM: US ARMY TANK-AUTOMOTIVE COMMAND, ATTN: ORSTA-GSS, WARREN, MICHIGAN 48090.
7. THIS MS SHEET IS FOR SELECTION OF COMPONENT USE ONLY. FABRICATION OF THIS ITEM SHALL BE IN ACCORDANCE WITH LISTED ARMY DRAWINGS.
8. THE USE OF RECYCLED MATERIALS WHICH MEET THE REQUIREMENTS OF THE APPLICABLE MATERIAL SPECIFICATIONS WITHOUT JEOPARDIZING THE INTENDED USE OF THE ITEM SHALL BE ENCOURAGED.

APPROVED 9 OCTOBER 1962 REVISED (C) FOR CHANGES SEE SHEETS 1 & 2

P.A. ARMY -AT Other Cust Navy-MC AF-99	TITLE WHEEL, PNEUMATIC TIRE - DISK TYPE WITH RING FOR TACTICAL WHEELED VEHICLES	MILITARY STANDARD MS 53044
PROCUREMENT SPECIFICATION NONE	SUPERSEDES:	SHEET 2 OF 2