

[INCH-POUND]
A-A-59494/7B
31 August 2016
SUPERSEDING
A-A-59494/7A
27 February 2013

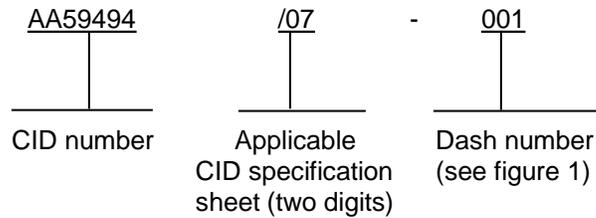
COMMERCIAL ITEM DESCRIPTION
SPECIFICATION SHEET

HUB ASSEMBLY, CANTILEVER MOUNTING, FOR 6.00-9, 7.50-10, AND 9.00-10

The General Services Administration has authorized the use of this commercial item description for all federal agencies.

The complete requirements for procuring hubs described herein shall consist of this document and the issue in effect of A-A-59494.

CLASSIFICATION/PART OR IDENTIFICATION NUMBER (PIN). This commercial item description (CID) specification sheet uses a classification system which is included in the PIN as shown in the following example (see NOTES).



SALIENT CHARACTERISTICS.

Interface and physical dimensions. Hubs supplied to this CID specification sheet shall be as specified herein (see figure 1).



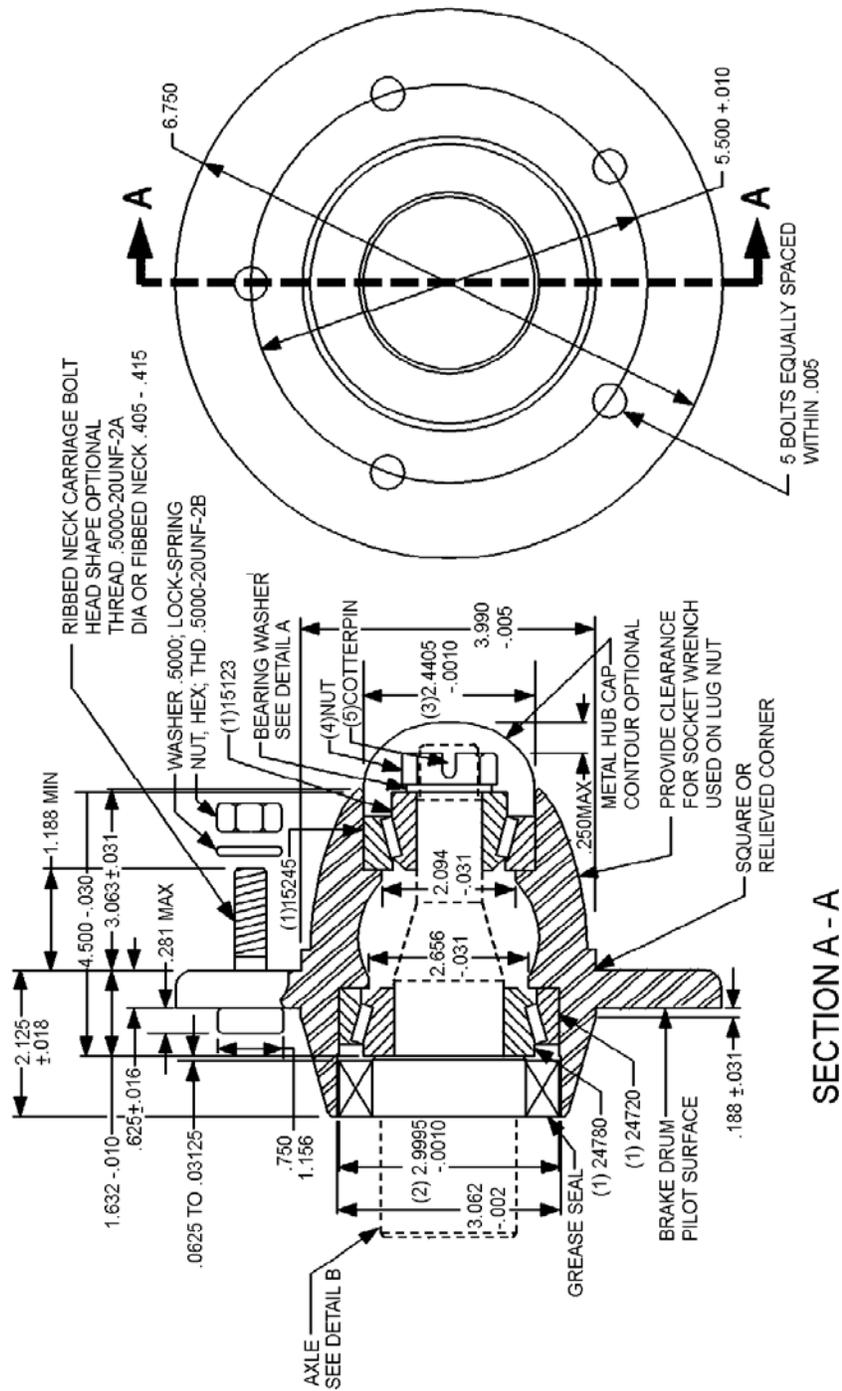
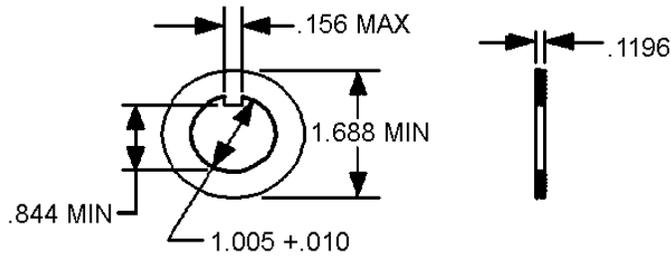
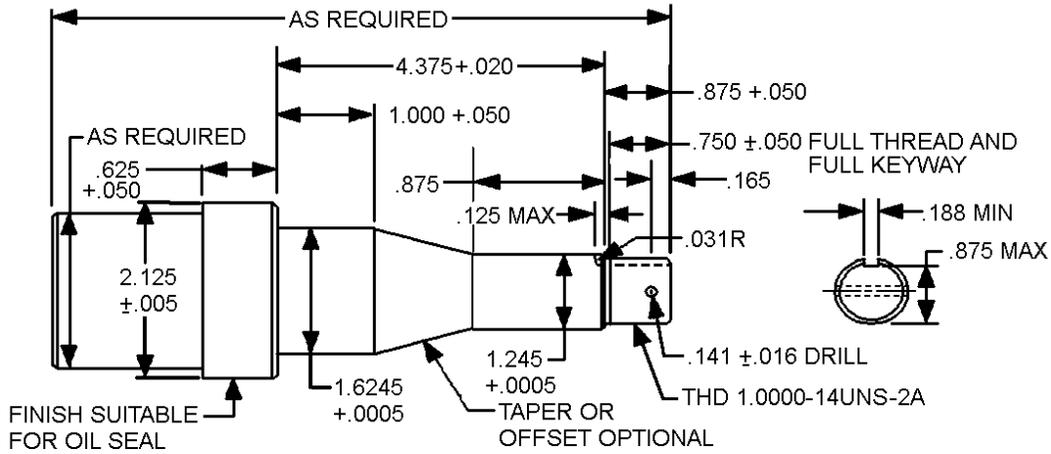


FIGURE 1. Hub assembly, cantilever mounting, for 6.00-9, 7.50-10, and 9.00-10 wheels.



BEARING WASHER

DETAIL A



AXLE (FOR REFERENCE ONLY)

DETAIL B

Dash number	Material
001	Steel
002	Aluminum alloy
003	Cast iron

Inches	mm	Inches	mm	Inches	mm
0.031	0.8	0.75	19.1	2.094	53.2
0.1196	3.0	0.844	21.4	2.125	54.0
0.125	3.2	0.875	22.2	2.4405	62.0
0.141	3.6	1.0	25.4	2.656	67.5
0.156	4.0	1.005	25.5	2.995	76.1
0.165	4.2	1.188	30.2	3.062	77.8
0.188	4.8	1.156	29.4	3.063	77.8
0.25	6.4	1.2495	31.7	3.99	101.3
0.281	7.1	1.362	34.6	4.375	111.1
0.375	9.5	1.6245	41.3	4.5	114.3
0.625	15.9	1.688	42.9	5.5	139.7
				6.75	171.5

FIGURE 1. Hub assembly, cantilever mounting, for 6.00-9, 7.50-10, and 9.00-10 wheels – Continued.

NOTES:

1. Timken Company roller PIN denoted, or equal.
2. Dimension shown is for steel or cast iron hub. For aluminum, use 2.9985, +0.0000, -0.0010.
3. Dimension shown is for steel or cast iron hub. For aluminum, use 2.4395, +0.0000, -0.0010.
4. Nut, castellated, steel, thread 1.0000-14UNF-3B, zinc plated.
5. Cotterpin, 0.1250 (nominal) diameter.
6. Hub shall fit wheels specified in A-A-59494/4 and A-A-59494/5.
7. Dimensions are in inches.
8. Metric equivalents are given for information only.
9. Material: steel, cast iron, or aluminum alloy.

FIGURE 1. Hub assembly, cantilever mounting, for 6.00-9, 7.50-10, and 9.00-10 wheels – Continued.

NOTES.

PIN. The PIN should be used for Government purposes to buy commercial products to this CID specification sheet. See the classification section for PIN format example.

Source of documents.

Commercial Item Descriptions

A-A-59494	-	Wheels and Hubs for Industrial Pneumatic Tires
A-A-59494/4	-	Wheel, Pneumatic Tire, 6.00-9
A-A-59494/5	-	Wheel, Pneumatic Tire, 7.50-10 or 9.00-10

(Copies of these documents are available online at <https://assist.dla.mil>).

Commercial products. As part of the market analysis and research effort, this CID specification sheet was coordinated with the following manufacturers of commercial products. At the time of CID specification sheet preparation and coordination, these manufacturers were known to have commercial products that would meet the requirements of this CID specification sheet. (NOTE: This information should not be considered as a list of approved manufacturers or be used to restrict procurement to only the manufacturers shown.)

<u>MFR's CAGE</u>	<u>MFR's name and address</u>
52793	Saginaw Products Corporation 68 Williamson St. Saginaw, MI 48601-3246 Phone: 989-753-1411 Fax: 989-753-4386 tnagy@cignys.com http://www.cignys.com
56190	Metadure Parts & Sales Inc. 165 Gazza Blvd. Farmingdale, NY 11735 Phone: 631-249-2141 Fax: 631-249-4546 metadure@aol.com
0W357	PDI Ground Support Systems Inc. 5905 Grant Ave. Cleveland, OH 44515-5609 Phone: 216-271-7344 Fax: 216-271-7550 davidr@pdi-gss.com http://www.pdi-gss.com

Part number (P/N) supersession data. These CID specification sheet PINs supersede the following MFR's P/N's as shown (see table I). This information is being provided to assist in reducing proliferation in the Government inventory system.

TABLE I. P/N supersession data.

Dash number (see figure 1) A-A-59494/7	MFR's CAGE	MFR's P/N <u>1/</u>	MFR's CAGE	MFR's P/N <u>1/</u>	MFR's CAGE	MFR's P/N <u>1/</u>
001	52793	N/A	56190	N/A	0W357	N/A
002	52793	6403-AL	56190	N/A	0W357	N/A
003	52793	6403-M	56190	N/A	0W357	N/A

1/ The manufacturer's P/N shall not be used for procurement to the requirements of this CID specification sheet. At the time of preparation of this CID specification sheet, the aforementioned commercial products were reviewed and could be replaced by the CID PIN shown. For actual part marking requirements, see the marking paragraph of A-A-59494.

National stock number (NSN). The following is a list of NSN's assigned which correspond to this CID specification sheet. Where applicable, the list also shows old part numbers and their conversion to the current part number configuration. The list is for information only and may not be indicative of all possible NSN's associated with the CID specification sheet. For up to date information on assigned NSN's, please contact the aforementioned DSCC office listed in A-A-59494 (see table II).

TABLE II. NSN's.

Dash number (see figure1) A-A-59494/07	NSN	Old Part Number
001	2530-00-893-0568	AA59494-2-0-0
002	2530-00-646-7705	AA59494-300
003	N/A	N/A

Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extensiveness of the changes.

MILITARY INTERESTS:

Custodians:
 Army - AT
 Air Force - 99
 DLA – CC

Review activity:
 Air Force - 84

CIVIL AGENCY AND COORDINATING ACTIVITY:

GSA - FAS

Preparing activity:
 DLA - CC

Project 2530-2016-009

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <https://assist.dla.mil>.