[INCH-POUND]
A-A-59494/1
28 April 2010

COMMERCIAL ITEM DESCRIPTION
SPECIFICATION SHEET

WHEELS AND HUB ASSEMBLIES

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

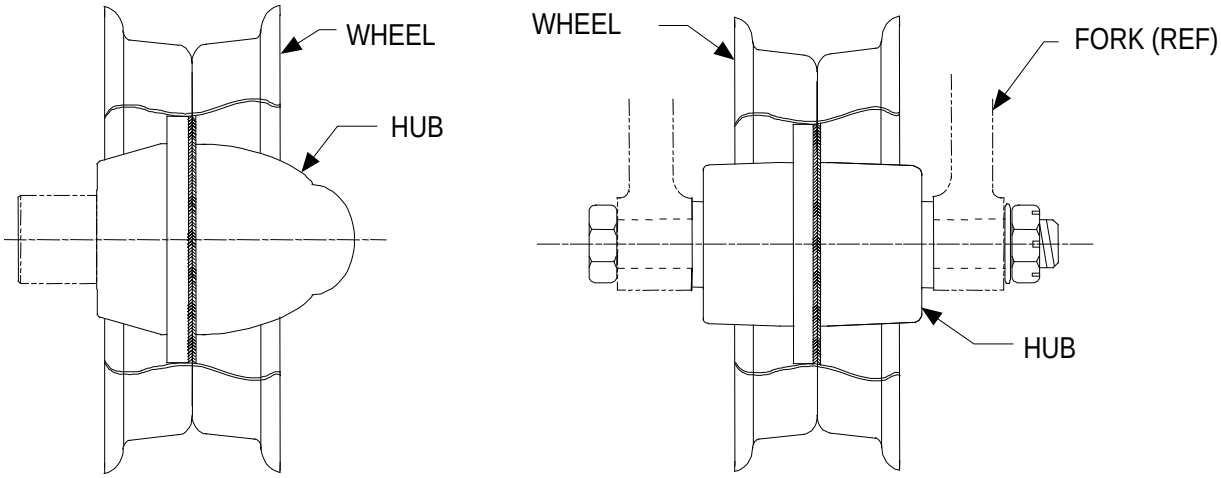
The complete requirements for procuring wheels and hubs described herein shall consist of this document and the issue in effect of A-A-59494.

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).

AA59494	/01	-	001
CID number	Applicable CID specification sheet (two digits)		Dash number (see figure 1)

SALIENT CHARACTERISTICS.

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



Type I, cantilever mounting

Type II, fork mounting

FIGURE 1. Wheel and hub assembly types.

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Dash number	Size	Wheel	Hub	Mounting
001	3.50-6	A-A-59494/2	A-A-59494/6	Cantilever
002	3.50-6	A-A-59494/2	A-A-59494/8	Fork
003	4.00-8	A-A-59494/3	A-A-59494/6	Cantilever
004	4.00-8	A-A-59494/3	A-A-59494/8	Fork
005	6.00-9	A-A-59494/4	A-A-59494/7	Cantilever
006	6.00-9	A-A-59494/4	A-A-59494/9	Fork
007	7.50-10	A-A-59494/5	A-A-59494/7	Cantilever
008	7.50-10	A-A-59494/5	A-A-59494/9	Fork
009	9.00-10	A-A-59494/5	A-A-59494/7	Cantilever

NOTE: This shall be a demountable type wheel which can be removed from the hub without deflating the tire.

FIGURE 1. Wheel and hub assembly types – 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

(Copies of these documents are available online at https://assist.daps.dla.mil/quicksearch/ from the Standardization Document Order Desk, 700 Robbins Avenue, Building 4D, Philadelphia, PA 19111-5094).

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.)

MFR's CAGE	MFR's name and address
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

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OW357	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-59494/1	MFR's CAGE	MFR's P/N 1/	MFR's CAGE	MFR's P/N 1/	MFR's CAGE	MFR's P/N 1/
001	52793	6416-M	56190	N/A	OW357	N/A
002	52793	6426-M	56190	N/A	OW357	N/A
003	52793	6418-M	56190	N/A	OW357	N/A
004	52793	6428-M	56190	N/A	OW357	N/A
005	52793	6419-M	56190	N/A	OW357	N/A
006	52793	6429-M	56190	N/A	OW357	N/A
007	52793	6420-AL	56190	N/A	OW357	N/A
008	52793	6430-M	56190	N/A	OW357	N/A
009	52793	6420-M	56190	N/A	OW357	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. 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).

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TABLE II. NSN's.

Dash number (see figure1) A-A-59494/1	NSN
001	2530-00-063-1358
002	N/A
003	2530-00-063-1359
004	N/A
005	2530-00-063-1361
006	N/A
007	2530-01-295-7168
008	N/A
009	2530-00-063-1364

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 2530-2009-001

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.daps.dla.mil.

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