[INCH-POUND]
A-A-59494/6A
31 August 2016
SUPERSEDING
A-A-59494/6
28 April 2010

COMMERCIAL ITEM DESCRIPTION
SPECIFICATION SHEET

HUB ASSEMBLY, CANTILEVER MOUNTING, FOR 3.50-6 AND 4.00-8

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).

AA59494	/06	-	001
CID number	Applicable CID specification sheet (two digits)		Dash number (see figure 1)

SALIENT CHARACTERISTICS.

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

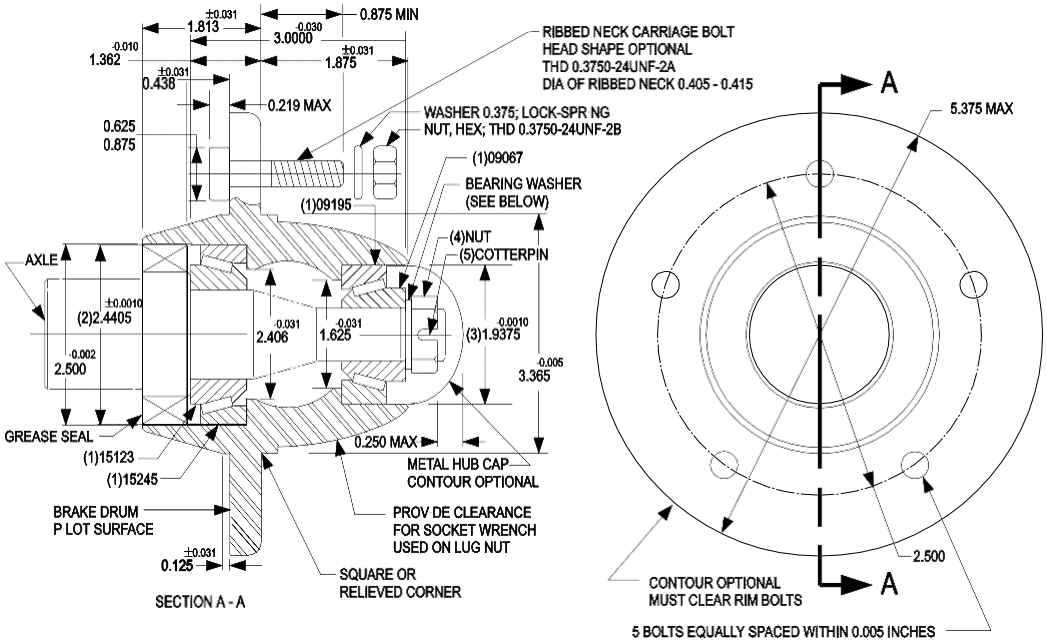
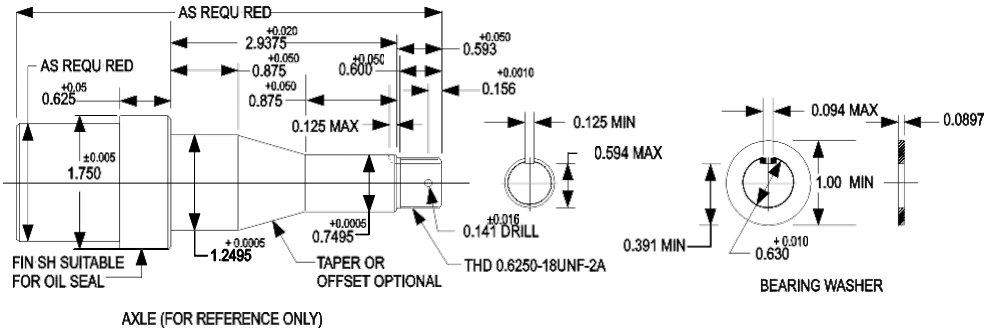


FIGURE 1. Hub assembly, cantilever mounting, for 3.50-6 or 4.00-8 wheels.

AMSC N/A

FSC 2530

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Dash number	Material
001	Steel
002	Aluminum alloy
003	Cast iron

Inches	mm	Inches	mm
0.0897	2.3	0.875	22.3
0.094	2.4	1.2495	31.8
0.125	3.2	1.362	34.7
0.141	3.6	1.625	41.4
0.156	4.0	1.75	44.5
0.219	5.6	1.813	46.1
0.375	9.5	1.875	47.7
0.391	10.0	1.9375	49.3
0.438	11.1	2.44	62.1
0.593	15.1	2.9375	74.8
0.594	15.1	3.00	76.4
0.6	15.3	3.365	85.6
0.625	15.9	5.375	136.8
0.7495	19.1		

NOTES:

1. Timken Company roller PIN denoted, or equal.
2. Dimension shown is for steel or cast iron hub. For aluminum, use 2.4386, +0.0000, -0.0010.
3. Dimension shown is for steel or cast iron hub. For aluminum, use 1.9361, +0.0000, -0.0010.
4. Nut, castellated, steel, thread 0.6250-18UNF-3B, zinc plated.
5. Cotterpin, 0.1250 (nominal) diameter.
6. Hub shall fit wheels specified in A-A-59494/2 and A-A-59494/3.
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 3.50-6 or 4.00-8 wheels – Continued.

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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.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.)

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
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

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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-59494/06	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	N/A	56190	N/A	0W357	N/A
002	52793	6399-AL	56190	N/A	0W357	N/A
003	52793	6399-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-59494/06	NSN	Old Part Number
001	N/A	A-A-59494-1
002	N/A	A-A-59494-1
003	2530-00-445-7593	A-A-59494-1

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.

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MILITARY INTERESTS: CIVIL AGENCY AND COORDINATING ACTIVITY:

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

GSA - FAS

Preparing activity:
DLA - CC

Review activity:
Air Force - 84

Project 2530-2016-008

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.

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