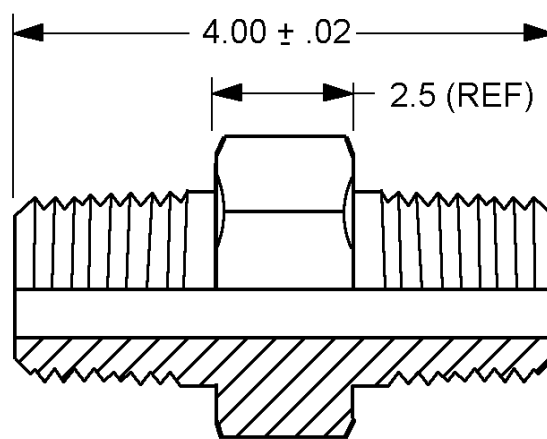


REVISIONS																		
LTR	DESCRIPTION								DATE				APPROVED					
Prepared in accordance with ASME Y14.100																		
Altered item drawing																		
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	PAGE	1	2	3														
PMIC N/A		PREPARED BY William Carpenter							DEFENSE SUPPLY CENTER, COLUMBUS COLUMBUS, OHIO 43218-3990									
Original date of drawing 4 March 2010		CHECKED BY Ernest Brown							TITLE FITTING, HEXAGON PIPE NIPPLE, 4-INCH LENGTH									
		APPROVED BY Abdo Abdouni																
		SIZE A	CAGE CODE 037Z3						DWG. NO. 10003									
REV							PAGE 1 OF 3											



Inches	mm
.02	0.51
2.5	63.5
4.00	101.6

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Dimensions not specified shall be in accordance with SAE J514 12-12 140137.

FIGURE 1. Nipple.

SCOPE

Scope. This drawing outlines the requirements for an SAE J514 12-12 140137 S that is altered from the SAE-J514 standard part. The differences are the overall length, hex head dimension, see figure 1, and corrosion resistant steel (CRES) 304.

Qualification inspection. Qualification inspection for the pipe nipple specified herein shall not be required.

REQUIREMENTS

Design configuration. The design, construction, and physical dimensions shall be as specified on figure 1 and SAE-J514.

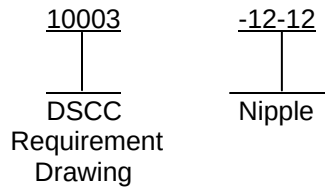
Material: CRES alloy 304.

Solution anneal

Marking: The Part or Identifying Number (PIN) shall be marked on the package in accordance with MIL-STD-1285. The marking shall include the complete DSCC PIN, manufacturer's name or CAGE code, and date code.

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The PIN shall be constructed using the following format:



NOTES:

1. CRES alloy 304 is susceptible to stress corrosion cracking (SCC) in halides because of its relatively low nickel content. Conditions which cause SCC are: (1) presence of halide ions (generally chloride), (2) residual tensile stresses, and (3) temperatures in excess of 120°F (49°C).
2. Avoid acids such as hydrofluoric or hydrochloric.
3. For material exposed inland, light industrial, or milder service, minimum maintenance is required. Only sheltered areas need occasional washing with a stream of pressurized water. In heavy industrial areas, frequent washing is advisable to remove dirt deposits which might eventually cause corrosion.

PACKAGING

Packaging. For acquisition purposes, the packaging requirements shall be as specified in the contract or order. When packaging of material is to be performed by DoD or in-house contractor personnel, these personnel need to contact the responsible packaging activity to ascertain packaging requirements. Packaging requirements are maintained by the Inventory Control Point's packaging activities within the Military Service or Defense Agency, or within the Military Department's System Command. Packaging data retrieval is available from the managing Military Department's or Defense Agency's automated packaging files, CD-ROM products, or by contacting the responsible packaging activity.

DSCC drawing use. Nipples in accordance to this drawing are intended for use when military specifications do not exist and qualified military connectors that will perform the required function are not available for OEM application. This drawing is intended exclusively to prevent the proliferation of unnecessary duplicate specifications, drawings, and stock catalog listings.

Acquisition requirements. Acquisition documents should specify the following:

- a. Complete PIN.
- b. Requirements for certificate of compliance, if applicable.
- c. Packaging requirements.

Comments. Comments on this drawing should be directed to Defense Supply Center, Columbus, ATTN: DSCC-VAI, P.O. Box 3990 Columbus, Ohio 43218-3990 or telephone (614) 692-0565, facsimile (614) 692-6940 or emailed to FluidFlow@dsc.dla.mil.

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