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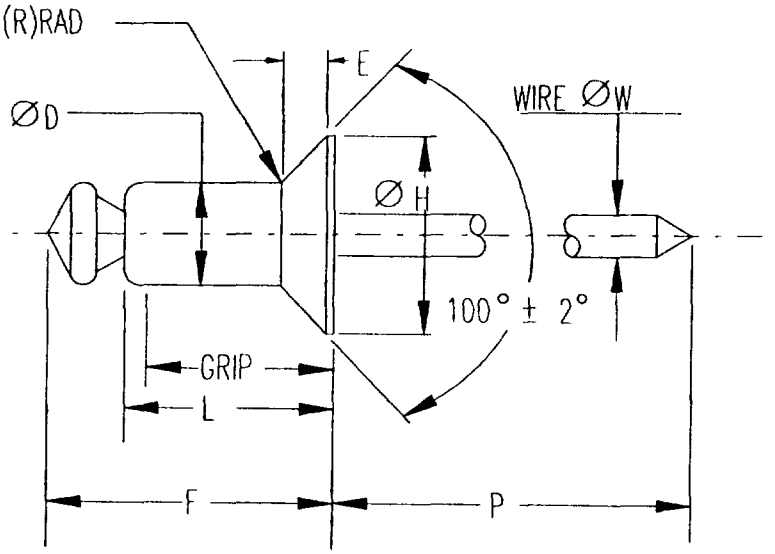
INCH-POUND
MIL-R-24243/4D
22 June 1994
SUPERSEDING
MIL-R-24243/4C
21 September 1987

MILITARY SPECIFICATION SHEET

RIVETS, BLIND, NONSTRUCTURAL, RETAINED MANDREL, OPEN-END, 100° COUNTERSUNK HEAD, ALUMINUM ALLOY

This specification is approved for use by all Departments and Agencies of the Department of Defense.

The requirements for acquiring the retained mandrel, nonstructural, blind rivets described herein shall consist of this specification and the latest issue of MIL-R-24243.



NOTES:
1. All dimensions are in inches.

FIGURE 1. RIVETS

REQUIREMENTS:

1. Material. Blind rivets shall be furnished in the following material combinations and dimensions.

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TABLE I. MATERIAL COMBINATION SYMBOLS

SYMBOL	COMBINATION	
	BODY	MANDREL
A	5056 Aluminum Alloy (UNS A95056)	1006-1038 Steel (UNS G10060-G10380)
B	5052 Aluminum Alloy (UNS A95052)	2024 Aluminum Alloy (UNS A92024)

TABLE II. BASIC DIMENSIONS

NOM DIA	BASIC DIMENSIONS							RECOMMENDED HOLE SIZE
	ØD	H	E REF	R MAX	W NOM	F MAX	P MIN	
.125	.128 .122	.233 .207	.045	.025	.076	L MAX +.120	1.00	.129-.133

2. Part Number. The part number shall consist of the letter "M", the basic number of this specification sheet, followed by a dash number consisting of a material combination symbol, a nominal body diameter size code in thirty-seconds of an inch, and a maximum grip code in sixteenths of an inch taken from Table III.

EXAMPLE: M24243/4 A 4 03

- 03 — Grip
- 4 — Nominal diameter
- A — Material combination symbol
- M24243/4 — Specification sheet number

M24243/4A403 Indicates - Rivet, blind, nonstructural, retained mandrel, open-end, 100° countersunk head, 5056 (UNS A95056) aluminum alloy body, 1006-1038 (UNS G10060-G10380) steel mandrel; nominal body diameter size, .125; grip range, .126-.187.

3. Changes from previous issues. Asterisks 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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TABLE III. DASH NUMBERS AND DIMENSIONS

DASH NUMBER		L	RECOMMENDED GRIP RANGE
A402	B402	.245-.275	.092-.125
A403		.307-.337	.126-.187

Custodians:
Army - AR
Navy - AS
Air Force - 99

Review Activities:
Army - AV, MI
Air Force - 82
National Security Agency - NS

Preparing Activity:
DLA-IS

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