

MIL-P-45952/1
5 March 1973

MILITARY SPECIFICATION SHEET

PIN, QUICK-RELEASE, DETENT

The complete requirements for procuring the pins described herein shall consist of this document and the latest issue of specification MIL-P-45952.

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

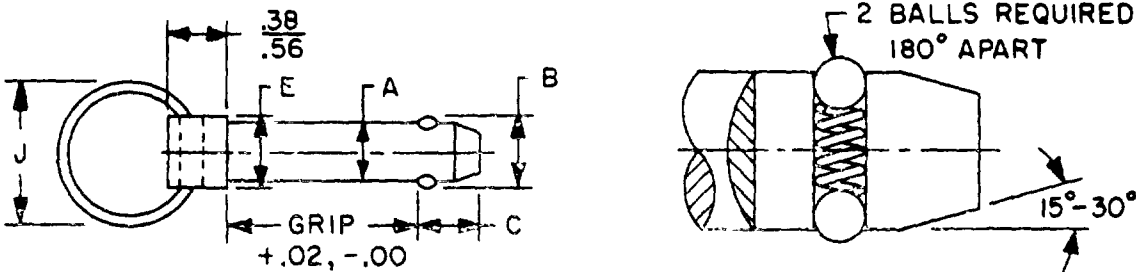


TABLE I

DASH NO.		NOM DIA	A DIA +.000 -.003	B MIN	C +.000 -.000	E DIA +.015	J DIA +.000 -.187	DOUBLE SHEAR STRENGTH-LBS	
ALLOY STEEL	CRES							ALLOY STEEL	CRES
4	C4	1/4	.248	.280	.344	.375	1.187	8,500	4,500
6	C6	3/8	.373	.430	.390	.500	1.187	19,600	10,300
8	C8	1/2	.498	.570	.516	.625	1.187	34,900	18,400
10	C10	5/8	.623	.720	.672	.750	1.687	54,900	28,900
12	C12	3/4	.748	.860	.750	.875	1.687	79,300	41,800
14	C14	7/8	.873	1.030	.859	1.000	2.187	108,000	57,000
16	C16	1	.998	1.160	.984	1.125	2.187	141,500	74,600

- REQUIREMENTS:**
- 1. **Material** - Alloy steel and corrosion-resisting steel.
 - 2. **Finish** - Alloy and carbon steel parts shall be cadmium plated.
Corrosion-resisting steel parts shall be passivated.
 - 3. **Dimensions** - All dimensions are in inches.
 - 4. **Part number** consists of M45952/1, a dash number taken from Table I and a second dash number which specifies the grip length in tenths of an inch. Example: M45952/1-4-08; Alloy steel pin, 1/4 inch nominal diameter and a grip length of 0.8 inch.
 - 5. **Use for shear applications only.**

FSC 5340

MIL-P-45952/1

TABLE II

NOM DIA	RECOMMENDED HOLE DIAMETER		INSERTION-REMOVAL FORCE-LBS	
	MAX	MIN	MAX	MIN
1/4	.254	.250	7	2
3/8	.379	.375	14	6
1/2	.505	.500	22	10
5/8	.630	.625	30	15
3/4	.757	.750	30	15
7/8	.882	.875	35	20
1	1.010	1.000	40	20

Custodians:

Army - WC
Navy - OS
Air Force - 11

Preparing Activity:

Army - WC

Project No. 5340-0952

Reviewer Activities:

Army - AT, AV, GL, MU
Navy - None
Air Force - 82
DSA - IS

User Activities:

Army - ME
Navy - MC, SH
Air Force - None

SPECIFICATION ANALYSIS SHEET

Form Approved
Budget Bureau No. 22 R255

INSTRUCTIONS This sheet is to be filled out by personnel either Government or contractor involved in the use of the specification in procurement of products for ultimate use by the Department of Defense. This sheet is provided for obtaining information on the use of this specification which will insure that suitable products can be procured with a minimum amount of delay and at the least cost. Comments and the return of this form will be appreciated. Fold in lines on reverse side, staple in corner, and send to preparing activity. Comments and suggestions submitted in this form do not constitute or imply authorization of any portion of the referenced document(s) or serve to amend contractual requirements.

SPECIFICATION

ORGANIZATION

CITY AND STATE

CONTRACT NUMBER

MATERIAL PROCURED UNDER A

☐ DIRECT GOVERNMENT CONTRACT☐ SUBCONTRACT

1. HAS ANY PART OF THE SPECIFICATION CREATED PROBLEMS OR REQUIRED INTERPRETATION IN PROCUREMENT USE?

A. GIVE PARAGRAPH NUMBER AND WORDING

B. RECOMMENDATIONS FOR CORRECTING THE DEFICIENCIES

2. COMMENTS ON ANY SPECIFICATION REQUIREMENT CONSIDERED TOO RIGID

3. IS THE SPECIFICATION RESTRICTIVE?

☐ YES ☐ NO If "yes" in what way?

4. REMARKS (Attach any pertinent data which may be of use in improving this specification. If there are additional papers attach to form and place both in an envelope addressed to preparing activity)

SUBMITTED BY (Printed or typed name and activity - Optional)

DATE

DD FORM 1426
1 JAN 66

REPLACES EDITION OF 1 OCT 64 WHICH MAY BE USED

To detach this form, cut along this line.

To detach this form, cut along this line.

NOTICE OF
VALIDATION

MIL-P-45952/1
NOTICE 1
9 April 1986

MILITARY SPECIFICATION

PIN, QUICK-RELEASE, DETENT

MIL-P-45952/1 has been reviewed and determined to be valid for use
in acquisition.

Custodians:

Army - AR
Navy - OS
Air Force - 11

Preparing activity:

Army - AR

Review activities:

Army - AT, AV, GL
Air Force - 99
DLA - IS

User activities:

Army - ME
Navy - MC

FSC 5340

AMSC N/A

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