

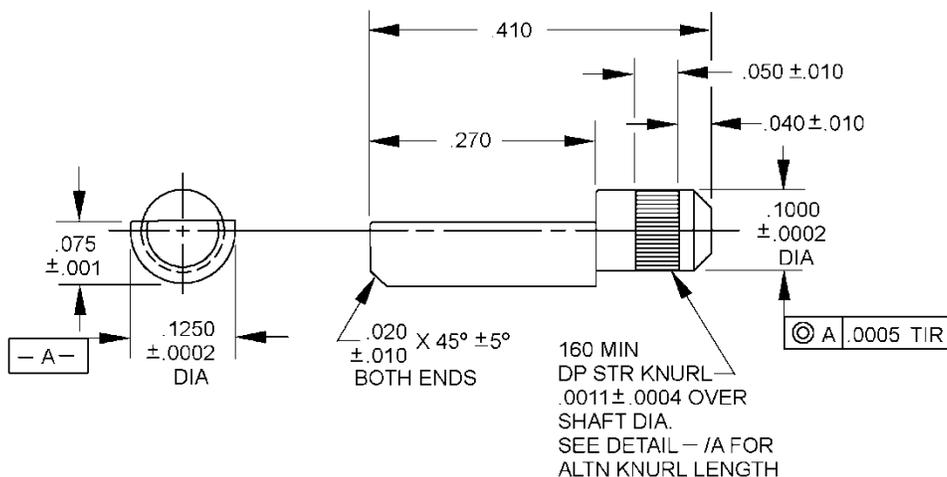
INCH-POUNDS

MIL-DTL-28754/24C
21 November 2014
SUPERSEDING
MIL-C-28754/24B
13 December 1982

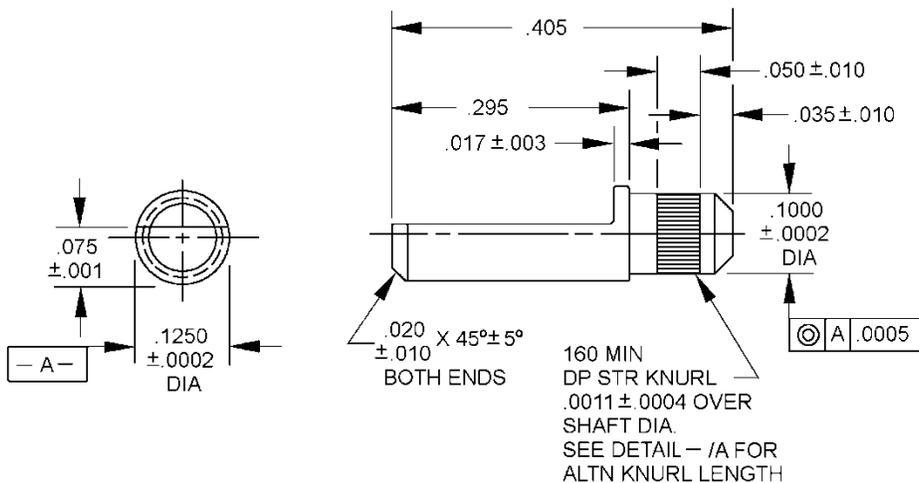
DETAIL SPECIFICATION SHEET
CONNECTORS, ELECTRICAL, MODULAR,
PIN, KEYING

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

The requirements for acquiring the product described herein shall consist of this specification sheet and MIL-C-28754.



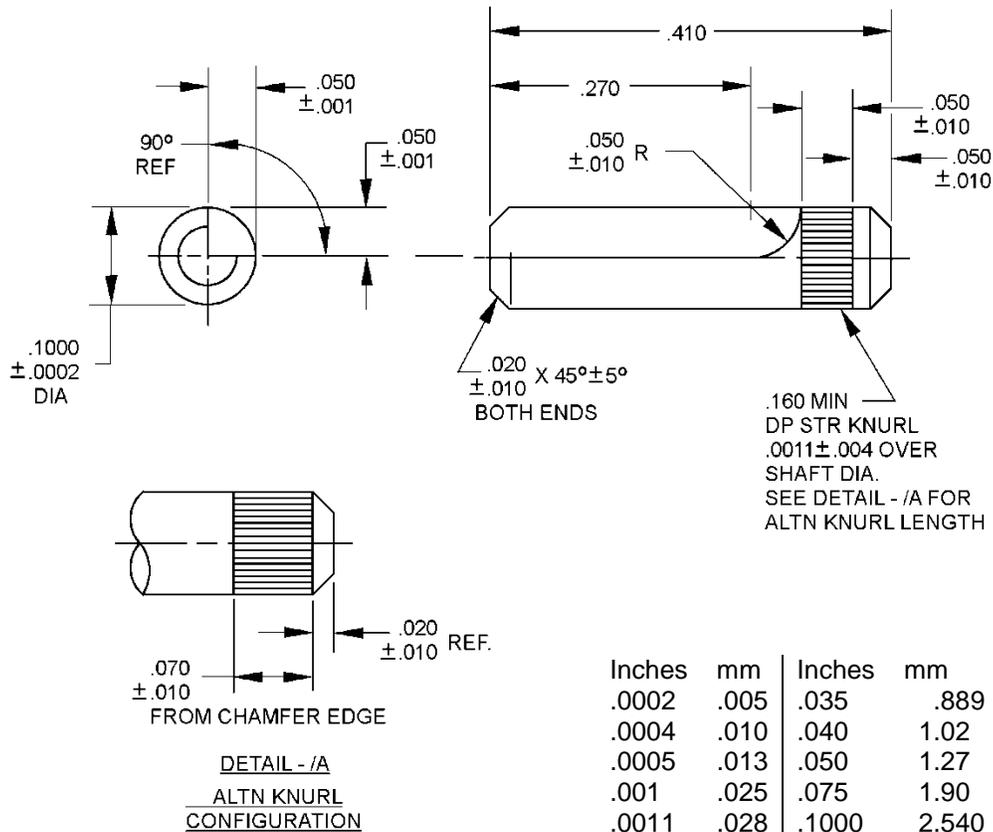
Configuration 1. Keying pin, D shape, flangless.



Configuration 2. Keyin pin, D shape, flange D

FIGURE 1. Dimensions and configurations.

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Configuration 3. Keying pin 90°.

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Break sharp edges .005 inch maximum.
4. Inside corners .005 inch R maximum.
5. Unless otherwise specified tolerances are ± .005 on three place decimals and ± .01 on two place decimals and ± 2° on angles.

FIGURE 1. Dimensions and configurations – Continued.

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REQUIREMENTS:

Dimensions and configuration: See figure 1.

Material: Corrosion resistant steel, S30300 or S30323 in accordance with ASTM A582/A582M. .188 diameter stock for configuration 1, .125 diameter stock for configurations 2 and 3.

Surface treatment: Passivate in accordance with SAE AMS2700.

Surface finish: 125 microinches per MIL-C-28754.

Marking: Marking shall be on package and not on pins.

Military part number: M28754/24- (dash number from table I).

TABLE I. Dash numbers and characteristics.

Dash number	Pin configuration	Knurl configuration
01	1	Standard
02	2	
03	3	
04	1	Per detail A
05	2	
06	3	

First article testing: Perform the applicable tests as specified in MIL-C-28754 and the appendix thereto.

Changes from previous issue. The margins of this specification are marked with vertical lines to indicate where changes from the previous issue were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the previous issue.

Referenced documents. In addition to MIL-C-28754, this document references the following:

ASTM A582/A582M
SAE AMS2700

MIL-DTL-28754/24C

CONCLUDING MATERIAL

Custodians:

Army – CR
Navy – AS
Air Force – 85
DLA - CC

Preparing activity:
DLA - CC

(Project 5935-2014-076)

Review activities:

Army AR, MI
Navy – MC, YD
Air Force – 99

NOTE: The activities 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>.