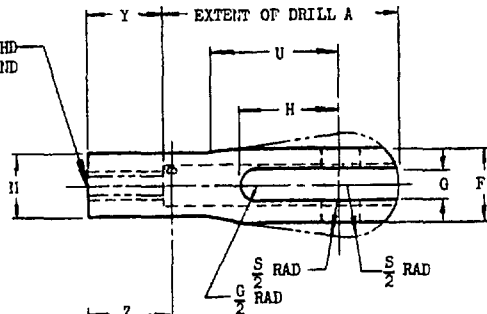


NAVAIR 16-3A (REV 8 54)

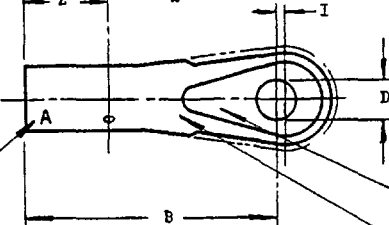
FED. SUP CLASS
5340

CSINK 110° OD OF THD
TAP T 1F-3 RIGHT AND
LEFT HAND
SPEC MIL-S-7742



HOLES AND SLOT TO BE
CENTRAL AND PARALLEL
TO AXIS WITHIN ±.005

MARK A ON -80
SIZE ONLY
POSITION OPTIONAL



AN PART NUMBER INDENTED ON
DASH 34 AND LARGER

MANUFACTURER'S NAME OR TRADEMARK
POSITION OPTIONAL

DASH No.	RATED TIE ROD STGTH. ITH (LB)	TAP T	DRILL A	B ± .015	D DIA +.003 - .000	F +.010 - .005	G +.010 - .000	H	I +.010 - .000	M DIA +.010 - .000	S DIA	U	Y ±.047	Z
10L 10R	1200	6-40	.147	1.313	.190	.250	.109	.375	.031	.250	.375	.625	.250	.313
21L 21R	2400	10-32	.199	1.531		.313	.150	.469		.281	.500	.719	.313	.375
34L 34R	4200	1/4-28	.261	1.813	.250	.438	.203	.625	.047	.375	.625	.875	.438	.500
46L 46R	(a)4600	5/16-24	.323	1.875	.313	.500		.656		.438	.688	.938	.563	.625
61L 61R	6900			2.000	.563	.844	.453	.750	1.000					
(b)80L 80R	10000	3/8-24	.386	2.250						.375	.266	.875	.063	.547
80LA 80RA					.625									
115L 115R	13700	7/16-20	.453	2.500	.438	.719	344	1.000	.078	.625	1.063	1.250	.750	.813
155L 155R	18500	1/2-20	516	2.813	500	.813	406	1.188		.703	1.188	1.438	.875	.938
202L 202R	24000	9/16-18	578	3.125	.563	.922	.453	1.375	.094	.796	1.375	1.625	1.000	1.063
247L 247R	29500	5/8-18	640	3.375	.625	1.032	.516	1.500		.875	1.500	1.750	1.125	1.188
430L 430R	42000	3/4-16	.766	4.125	750	1.250	656	1.938	.109	1.063	1.813	2.250	1.375	1.438
580L 580R	58000	7/8-14	.891	4.875	.875	1.500	781	2.313		1.250	2.125	2.688	1.625	1.688
760L 760R	76000	1-14	1.016	5.750	1.000	1.750	.906	2.688	.125	1.438	2.438	3.125	1.875	1.938
(c)780L 780R	76000	1-12	1.016	5.750	1.000	1.750	.906	2.688	.125	1.438	2.438	3.125	1.875	1.938

- (a) SPECIAL FOR USE WITH 6900 LB ROD WITH 1600 LB RATING.
- (b) -60L AND -80R SIZES INACTIVE FOR DESIGN AFTER 28 NOV 44.
- (c) -760L AND -760R SIZES INACTIVE FOR DESIGN AFTER 30 Oct 64 USE 780L OR 780R FOR NEW DESIGN.
- (d) FOR DEFINITION AND APPLICATION OF DRAWING STATUS NOTES, SEE MIL-STD-32. MATERIAL: STEEL. ADD L AFTER DASH NUMBER FOR LEFT HAND THREAD. ADD R AFTER DASH NUMBER FOR RIGHT HAND THREAD. EXAMPLE OF PART NO.: A1665-10L = LEFT HAND THREAD. A1665-10R = RIGHT HAND THREAD.

DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: FRACTIONS ±1/64, DECIMALS ±.010, ANGLES ±1/2°. REMOVE ALL BURRS AND SHARP EDGES.

PROCUREMENT SPECIFICATION

AIR FORCE-NAVY AERONAUTICAL STANDARD

MIL-T-5683

TERMINAL - THREADED GLEVIS TYPE TIE ROD

AN665

NOTICE: This drawing was approved by joint action of the Air Force and Navy Departments as the Air Force-Navy standard for this product. This drawing supersedes all antecedent standard drawings for this same product and shall become effective for the procurement of aeronautical supplies or for use in new design not later than 6 months after the latest date of approval above.

NOTICE: This drawing is for Government use only. It is not to be used for any other purpose without the express written permission of the Government. It is the property of the Government and is loaned to you for your information only. It is not to be distributed outside your organization. It is not to be used for any other purpose without the express written permission of the Government.

APPROVED 4 Sep 42 REVISED 1 28 Nov 44 2 8 Feb 51 3 30 Oct 64 4 25 Mar 65

NOTICE
OF VALIDATION

INCH-POUND

AN665 REV 4
NOTICE 2
28 May 1993

MILITARY STANDARD
TERMINAL - THREADED CLEVIS TIE ROD

AN665 Revision 4, dated 25 March 1965, has been reviewed and determined to be valid for use in acquisition

Custodian
Navy - AS
AF - 99

Preparing Activity
Navy - AS

Review Activity:
Army - MI
DLA - IS

AMSC N/A

DISTRIBUTION STATEMENT A

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