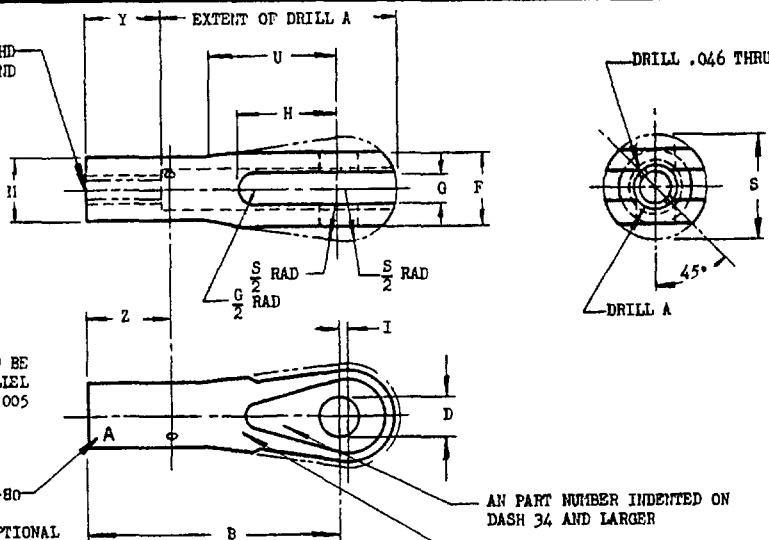


CSINK 110° OD OF THD
TAP T HF-3 RIGHT AND
LEFT HAND
SPEC MIL-S-7742



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. IHN (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 +.002 -.000	.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	3.44	1.000	.078	.625	1.063	1.250	.750	.813
155L 155R	18500	1/2-20	.516	2.813	.500	.813	4.06	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
(c) 760L 760R	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
(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 54.

(c) (a) -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 CLEVIS TYPE TIE ROD

AN665

APPROVED 4 Sep 52 REVISED 1 28 Nov 54 2 8 Feb 55 3 30 Oct 64 4 25 Mar 65

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NOTE: 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 the same product and shall become obsolete 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
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

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