

414 D-LOK Hoist Hook

LSC has updated the world's most successful hook design by extending the latch guards to fully enclose the actuation buttons and adding a radius to the face of the gate. The new patented design (US Pat. 10,669,129) makes dynamic roll out and unintentional activation of the gate locks impossible. The extended latch buttons and raised guards improves the users control of the gate during one-handed operation. The hoist hook features a large ring volume for multiple equipment rings, and will accept rings up to 3/4-inch diameter. The integral utility eye allows attachment of tag/guide line.

The D-LOK Hoist Hook eliminates all problems associated with the current double rescue hook, such as inadvertent engagement (including the snagging of fingers on the small hook), and self-release (ring roll-out). The LSC D-LOK Hoist Hook exceeds the load test requirement for the double rescue hook (MS-18027-2A), and is available with seven (7) attachment options to fit all current hoist installations.



**Authorized for U.S. Army
H-60 Aircraft in AWR-980**

Fitments:

Thread Size	End Configuration/ Attachment	Overall Shaft Length (Inches)	LSC Part Number
.500-20 UNJF-3A	Slot	1.000"	414-A1
.437-20 UNJF-3A	Pin Hole	1.312"	414-E
.500-20 UNJF-3A	Pin Hole	1.000"	414-F1
.500-20 UNJF-3A	Pin Hole w/Swivel	1.000"	414-G
.500-20 UNJF-3A	Slot and Pin Hole	1.000"	414-AF

Technical Specifications:

#414 D-LOK	
Weight:	~1.5lbs (0.68kg)
Proof Load:	3,000lbs (1,360kg)
Hook Body:	Forged Stainless Steel
Breaking Limit:	7,000lbs (3,175kg)
Working Load Limit (WLL):	600lbs (272kg)
Maintenance:	Regular lubrication with a light machine oil
Cleaning:	Fresh water rinse after exposure to saltwater environment
Working Load limit	600lbs (272kg)t

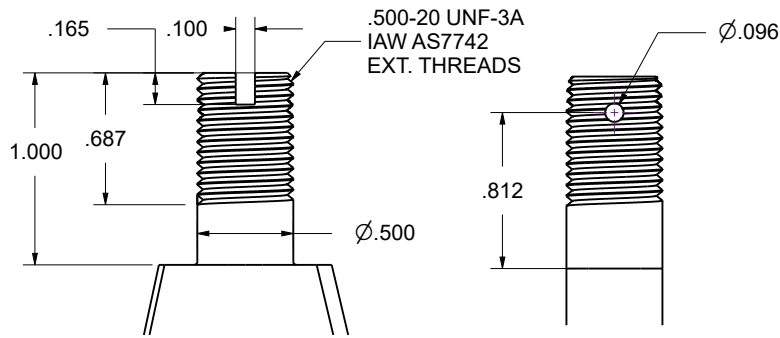
LIFESAVING SYSTEMS CORPORATION

📍 220 Elsberry Road, Apollo
Beach, Florida 33572

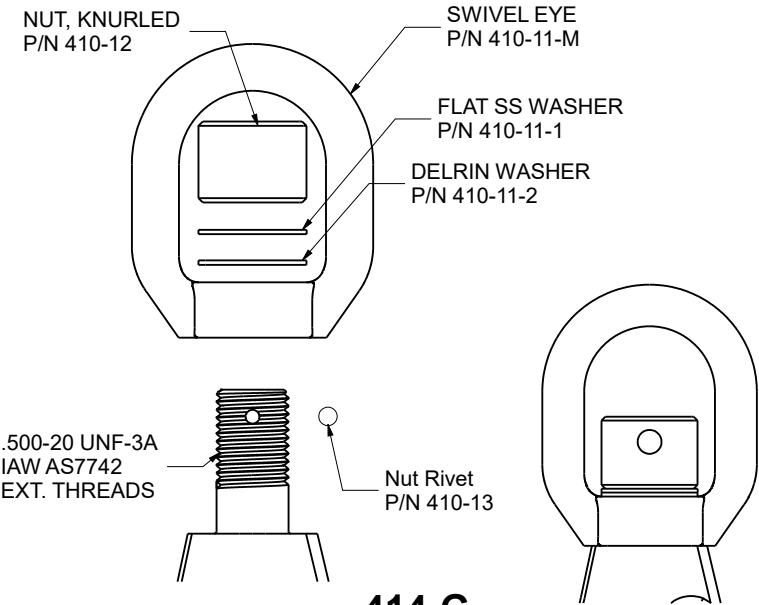
☎ (813)645-2748

🌐 www.lifesavingsystems.com





414-AF



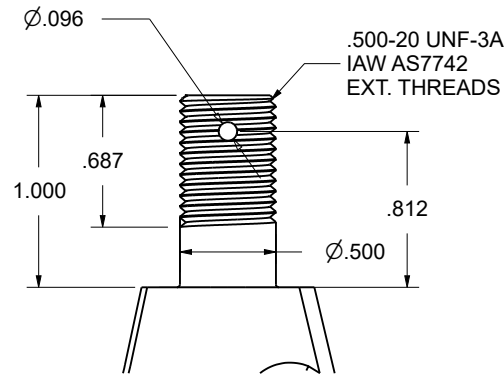
414-G

REVISION HISTORY			
REV	DESCRIPTION	CREATE DATE	APPROVAL
A	INITIAL RELEASE	01/23/2018	SGM
B	ADDED ADDITIONAL FITMENTS WITHOUT CHANGE	09/11/2019	RJ
C	MODIFIED ALL THREADS FROM UNJF TO UNF	11/08/2021	TF

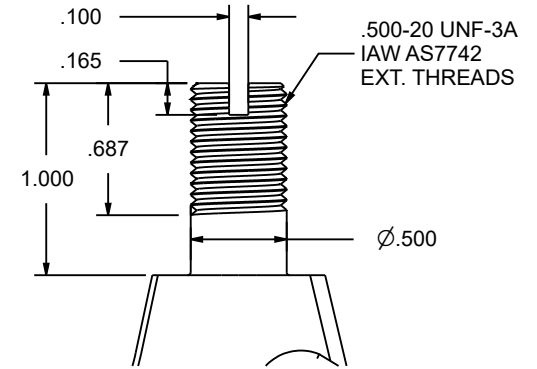
NOTES:

1. FITMENT GUIDE FOR STANDARD 414 D-LOK HOIST HOOKS
2. DRAWINGS FOR REFERENCE ONLY

SHEET	FITMENTS
1	-AF,-G,-F/-F1, -A/-A1/-A2
2	-E,-C,-H



414-F / 414-F1



414-A / 414-A1 / 414-A2

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

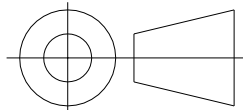
ANGULAR: .X = ± 1°

TOLERANCES: .XX = ± .015"

.XXX = ± .005"

INTERPRET DIM AND TOL PER ASME Y14.5-2018

THIRD ANGLE PROJECTION



APPROVALS

DATE

DRAFTER: KCC

11/8/2021

CHECKED:

ENGINEER:

MATERIAL: N/A

FINISH: N/A



LIFESAVING SYSTEMS CORPORATION
220 ELSBERRY ROAD
APOLLO BEACH, FLORIDA 33572

TITLE

414 D-LOK FITMENT GUIDE

SIZE
A

CAGE CODE
64249

DWG NO.

N/A

REV
C

DO NOT SCALE DRAWING

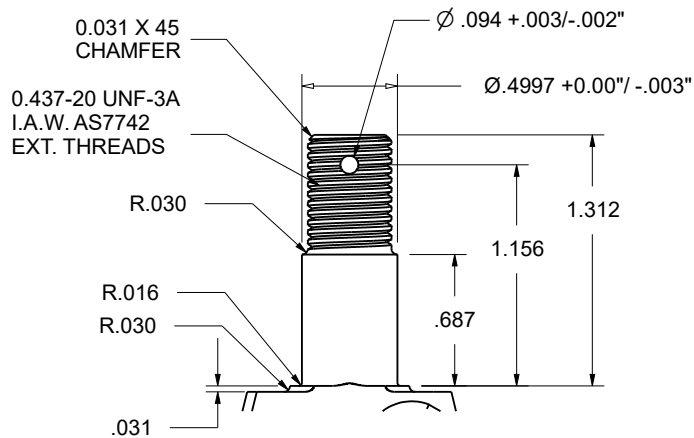
SCALE 1:1

WT

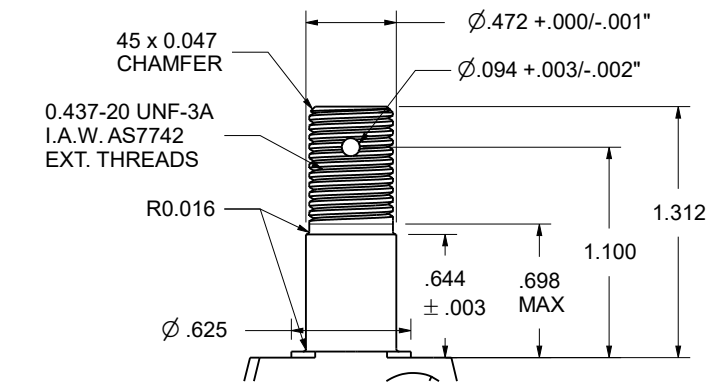
LB

SHEET 1 OF 3

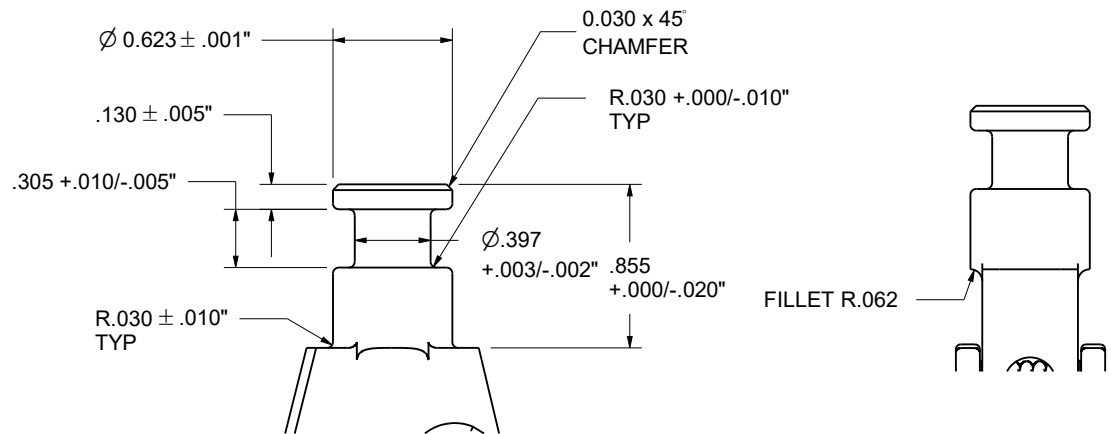
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414-E



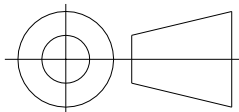
414-H



414-C

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
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APPROVALS	DATE
DRAFTER: KCC	11/8/2021
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LIFESAVING SYSTEMS CORPORATION 220 ELSBERRY ROAD APOLLO BEACH, FLORIDA 33572				
				TITLE 414 D-LOK FITMENT GUIDE
SIZE A	CAGE CODE 64249	DWG NO. N/A	REV C	
SCALE 1:1		WT	LB	SHEET 2 OF 3

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