



DASH NO.	THREAD	A DIA MAX	B DIA	F MIN	L MAX	P MIN	W HEX	X	UTS LBS. MIN	RECOM. SEATING TORQUE IN-LBS	APPROX WEIGHT LBS/100
08	.1640-32 UNJC-3B	.290	.202 .198	.273	.270	.242	.220 .212	.112 .102	2,300	15-25	.15
3	.1900-32 UNJF-3B	.330	.228 .224	.295	.280	.277	.251 .243	.112 .102	2,750	25-35	.21
4	.2500-28 UNJF-3B	.425	.288 .284	.398	.340	.348	.313 .305	.117 .107	5,000	60-80	.41
5	.3125-24 UNJF-3B	.525	.350 .346	.497	.430	.419	.376 .367	.127 .117	8,300	130-160	.68
6	.3750-24 UNJF-3B	.605	.413 .409	.577	.470	.491	.439 .430	.127 .117	11,900	200-240	.96
7	.4375-20 UNJF-3B	.725	.476 .472	.677	.565	.561	.502 .492	.142 .132	19,000	270-330	1.52
8	.5000-20 UNJF-3B	.825	.538 .534	.777	.615	.631	.564 .553	.142 .132	25,500	370-430	2.13

- NOTES:
1. Go Thread Gage penetration shall be 3/4 of one revolution minimum.
  - ① 2. Dimensions are in inches and apply after plating and before lubrication
  - ③ "W" and "P" dimensions apply prior to deformation for self-locking feature.

MATERIALS: For -08 through -6 sizes: 304 corrosion resistant steel per AMS5697, or 305 corrosion resistant steel per AMS5686.  
For -7 and -8 sizes: A-286 corrosion resistant steel per AMS5732, or AMS5737.

FINISH: HLN305PB( ) = Cadmium plate per AMS-QQ-P-416, Type II, Class 2 and cetyl alcohol lube per Hi-Shear Spec. 305.  
HLN305G( ) = Silver plate per AMS2410 and cetyl alcohol lube per Hi-Shear Spec. 305.  
HLN305GU( ) = Silver plate per AMS2410.  
HLN305FY( ) = Cadmium plate per AMS-QQ-P-416, Type II, Class 2, and HI-KOTE™ 2 solid film lube per Hi-Shear Spec. 292.  
HLN305TF( ) = Passivate and HI-KOTE™ 2 solid film lube per Hi-Shear Spec. 292.  
① HLN305HK( ) = HI-KOTE™ 4 NC aluminum pigmented coating per Hi-Shear Spec. 397.

SPECIFICATION: NASM25027, except 5 cycle reusability only, and axial tensile strength as tabulated.

CODE: Dash number indicates nominal thread size in 1/16ths.  
Add suffix code 'S' after dash number for spindle packaged nuts for use on automatic tools.  
See finish note for explanation of code letters.

EXAMPLE: HLN305G4 = 1/4-28 HI-LOK™ Nut with silver plate and cetyl alcohol lube.  
HLN205G4S = 1/4-28 HI-LOK™ Nut with silver plate and cetyl alcohol lube, packaged on spindles for use on automatic tools.

	DATE	BY	TITLE	DRAWING NO.
			<b>HI-LOK™ NUT</b>	
			CRES, DEEP COUNTERBORE, SELF-LOCKING	
			1/16 GRIP VARIATION	
			FOR USE ON STANDARD, 1/16 AND 1/32 OVERSIZE BOLTS	
				<b>HLN305</b>
				1 of 1
① REVISION	2019-04-29	F.CARINGELLA		
DRAWN	2002-07-29	J. OBISPO		
APPROVED	2002-08-01	D. HOCKING		