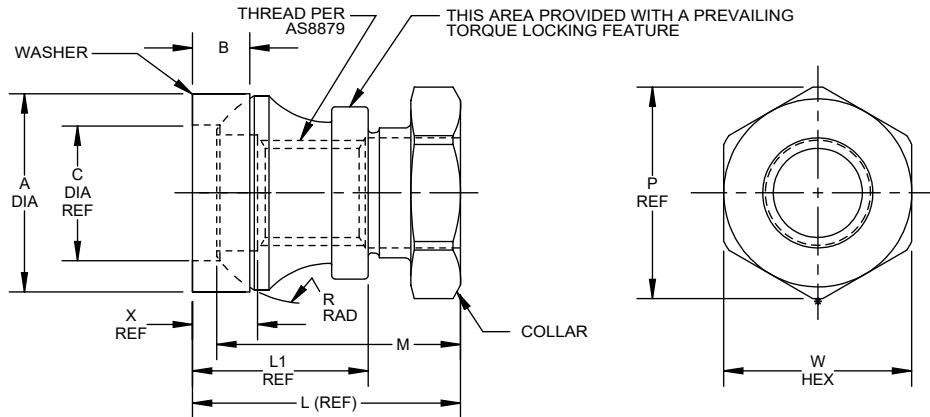




DASH NO.	PIN NOM DIA	THREAD	A DIA	B	C DIA (REF)	L (REF)	L1 (REF)	M	P (REF)	R SPHER. (REF)	W HEX	X (REF)	UTS LBS. MIN	TORQUE-OFF INCH-POUNDS
5	5/32	.1640-32 UNJC-3B	.365 .355	.095 .085	.255	.445	.280	.420 .400	.380	.20	.346 .332	.107	2,300	22-32
6	3/16	.1900-32 UNJF-3B	.365 .355	.095 .085	.255	.445	.280	.420 .400	.380	.20	.346 .332	.107	2,750	32-42
8	1/4	.2500-28 UNJF-3B	.475 .465	.120 .110	.333	.540	.340	.510 .490	.380	.26	.346 .332	.112	5,000	75-90
10	5/16	.3125-24 UNJF-3B	.620 .610	.130 .120	.417	.660	.430	.617 .597	.484	.34	.440 .425	.122	8,300	140-170
12	3/8	.3750-24 UNJF-3B	.685 .675	.145 .135	.490	.730	.470	.677 .657	.557	.38	.503 .488	.122	12,700	210-260
14	7/16	.4375-20 UNJF-3B	.805 .795	.180 .170	.570	.855	.562	.772 .752	.840	.45	.753 .736	.137	19,000	310-370
16	1/2	.5000-20 UNJF-3B	.915 .905	.205 .195	.648	.925	.612	.842 .822	.970	.51	.878 .861	.137	25,500	410-470
18	9/16	.5625-18 UNJF-3B	1.125 1.115	.270 .260	.763	1.050	.700	.960 .940	.970	.71	.878 .861	.145	29,000	575-650
20	5/8	.6250-18 UNJF-3B	1.305 1.290	.315 .305	.855	1.145	.765	1.035 1.015	1.120	.76	1.003 .986	.145	32,000	700-775
24	3/4	.7500-16 UNJF-3B	1.500 1.485	.390 .380	.985	1.405	.980	1.285 1.255	1.240	.81	1.128 1.110	.156	42,000	1000-1100
28	7/8	.8750-14 UNJF-3B	1.740 1.720	.450 .435	1.155	1.600	1.100	1.470 1.440	1.520	.92	1.380 1.356	.169	62,000	1275-1400
32	1	1.0000-12 UNJF-3B	2.000 1.980	.505 .490	1.345	1.900	1.300	1.755 1.725	1.650	1.11	1.504 1.480	.186	84,000	1550-1700

NOTES:

- Go thread gage penetration shall be 3/4 of one revolution minimum.
- For use on sloped surfaces up to 7° maximum on standard and 1/64 oversize HI-LOK™ shear head pins.
- Dimensions are in inches and apply after finish and before application of lubricants.
- Use HL675 for oversize replacement.
- Use TB64VF () L for thread lock inspection.

MATERIAL:

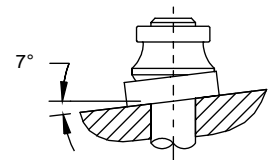
- Collar - Type 303 Se stainless steel per ASTM A582 (AMS5640).
Washer - 17-4PH stainless steel per AMS5643, or 17-7PH per AMS5528, or PH15-7Mo per AMS5520.

HEAT TREAT:

- Collar - None.
Washer - Age to H-1025 condition for 17-4PH, age to TH1050 condition for 17-7PH, and PH15-7Mo per AMS2759.

FINISH:

- Collar - HL175()JA = Cadmium plate per AMS-QQ-P-416, Type II, Class 2, with cetyl alcohol lube per Hi-Shear Spec. 305.
HL175DU()JA = Solid film lube per AS5272, Type I.
HL175G()JA = Silver plate per AMS2410 and cetyl alcohol lube per Hi-Shear Spec. 305.
HL175K()JA = Solid film lube per Lubeco 905.
HL175TB()JA = HI-KOTE™ 2 solid film lube per Hi-Shear Spec. 292 and cetyl alcohol lube per Hi-Shear Spec. 305.
HL175TF()JA = HI-KOTE™ 2 solid film lube per Hi-Shear Spec. 292.
HL175V()JA = Solid film lube per "Lubeco" 2123.
HL175HK()JA = HI-KOTE™ 4 NC aluminum coating per Hi-Shear Spec. 397.
Washer - HL175()DW = Solid film lube per AS5272, Type I.
HL175()GW = Silver plate per AMS2410 and cetyl alcohol lube per Hi-Shear Spec. 305.
HL175()KW = Solid film lube per "Lubeco" 905.
HL175()LPW = Solid film lube per AS5272, Type II.
HL175()PBW = Cadmium plate per AMS-QQ-P-416, Type II, Class 2.
HL175()VW = Solid film lube per "Lubeco" 2123.
HL175()W = Cadmium plate per AMS-QQ-P-416, Type I, Class 2.
(26) HL175()WU = Passivate per AMS2700, Method 1, Type 8, Class 1.



SPECIFICATION:

HI-LOK™ Product Specification 345. Test bolt requirement exceptions per note [5] above.

CODE:

Dash number indicates nominal thread size in 1/32nds.
Code letter "A" following dash number indicates HI-LOK™ collar.
See "Finish" note for explanation of code letters.

EXAMPLE: (26) HL175-8AW = Assembly of HL175-8A collar and HL175-8W washer.

"HI-LOK" AND "HL" ARE INTERNATIONAL
REGISTERED TRADEMARKS OF HI-SHEAR CORPORATION

DATE	BY	TITLE	DRAWING NO.
1965-10-28	BRIEJ	HI-LOK™ COLLAR	(26)
1965-10-28	MILLER	SELF-ALIGNING COLLAR ASSEMBLY	
2023-10-12	C.Arto	303 Se STAINLESS STEEL	
		1/16 GRIP VARIATION, SHEAR APPLICATION	
		FOR USE ON STANDARD AND 1/64 OVERSIZE	
		HI-LOK™ PINS	
			HL175
			1 of 1