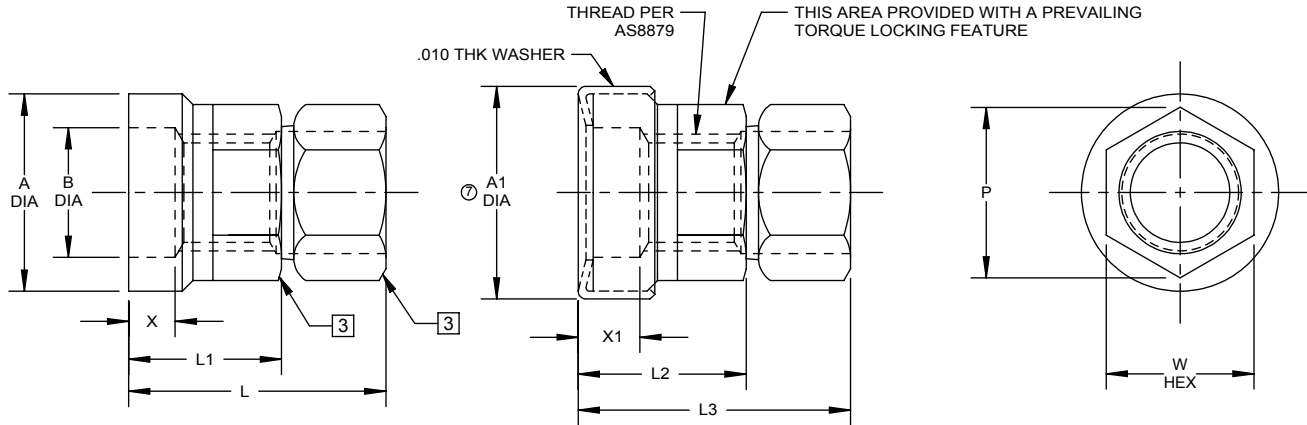


⑦

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DASH NO.	PIN NOM DIA	THREAD	A DIA	A1 DIA (REF)	B DIA	L	L1 (REF)	L2 (REF)	L3 (REF)	P (REF)	W HEX	X (REF)	X1 (REF)	UTS LBS. MIN	TORQUE-OFF INCH-LBS.
5	5/32	.1640-32 UNJC-3B	.292 .288	.335	.173 .166	.415 .395	.230	.245	.420	.248	.221 .211	.085	.100	2,300	25-35
6	3/16	.1900-32 UNJF-3B	.307 .303	.360	.212 .208	.425 .405	.240	.255	.430	.285	.252 .241	.085	.100	2,750	40-50
8	1/4	.2500-28 UNJF-3B	.412 .408	.460	.272 .268	.495 .475	.280	.295	.500	.355	.314 .302	.090	.105	5,000	105-130
10	5/16	.3125-24 UNJF-3B	.518 .512	.575	.340 .334	.565 .545	.325	.340	.570	.430	.378 .365	.095	.110	8,300	200-250
12	3/8	.3750-24 UNJF-3B	.628 .622	.690	.403 .397	.635 .615	.365	.380	.640	.573	.503 .490	.095	.110	12,700	340-420
14	7/16	.4375-20 UNJF-3B	.733 .727	.780	.468 .462	.790 .770	.415	.430	.795	.643	.565 .550	.110	.115	19,000	525-600
16	1/2	.5000-20 UNJF-3B	.848 .842	.890	.528 .522	.830 .810	.445	.460	.835	.788	.690 .675	.110	.115	25,500	725-825

NOTES:

- Go thread gage penetration shall be 3/4 of one revolution minimum after thread lock.
- Dimensions are in inches and apply after finish and before application of lubricants.
- ③ Burrs from cutoff process and cutting torque-off groove allowed.
- ④ After February, 21st of 2015, HI-KOTE™ 1 aluminum pigmented coating per Hi-Shear Spec. 294 will be replaced by REACH compliant HI-KOTE™ 1 NC aluminum pigmented coating per Hi-Shear Spec. 294 on fasteners coated in European Union.
- ⑤ Use TB64AP()L for HST1488TP(), HST1488KD(), HST1488HK(), and HST1488TP()CD thread lock inspection.

MATERIAL:

Collar S30430 (302HQ) stainless steel per ASTM A493, Type XM-7; 305 stainless steel per AMS-QQ-S-763 and AMS5686; 303 stainless steel per ASTM A582 (AMS5640); or 302 stainless steel per AMS-QQ-S-763.
Washer "NW" - 300 series stainless steel.
"C" - A-286 high temperature alloy per AMS5525.

FINISH:

Collar HST1488TP() = Collar only with HI-KOTE™ 2 solid film lube per Hi-Shear Spec. 292, and cetyl alcohol lube per Hi-Shear Spec. 305, and orange identification on body of collar.
HST1488G() = Silver plate per AMS2410 and cetyl alcohol lube per Hi-Shear Spec. 305.
④ HST1488KD() = HI-KOTE™ 1 aluminum pigmented coating per Hi-Shear Spec. 294, and cetyl alcohol lube per Hi-Shear Spec. 305, and orange identification on body of collar.
HST1488HK() = HI-KOTE™ 4 NC aluminum coating per Hi-Shear Spec. 397.
Collar & Washer HST1488TP()CD = Collar finish same as HST1488TP() and washer is passivated and solid film lube per AS5272, Type I.
HST1488G()NWG = Collar finish same as HST1488G() and washer is silver plate finish only.

SPECIFICATION:

HI-LITE™ Product Specification 381. Test bolt requirement exceptions per note ⑤ above. ⑦

CODE:

Dash number indicates nominal thread size in 1/32nds.
See Finish note for explanation of code letters.

EXAMPLES:

HST1488TP8 = 1/4-28 HI-LITE™ collar only with HI-KOTE™ 2, color orange, and cetyl alcohol lube.
HST1488TP8CD = 1/4-28 HI-LITE™ collar with HI-KOTE™ 2, color orange, and cetyl alcohol with A-286 washer, passivate and solid film lube finish.
HST1488G8NWG = 1/4-28 HI-LITE™ collar with silver plate and cetyl alcohol with silver plate stainless steel washer.

"HI-LITE" AND "HST" ARE INTERNATIONAL
REGISTERED TRADEMARKS OF HI-SHEAR CORPORATION

DATE	BY	TITLE	DRAWING NO.
1994-04-19	T.CRAINE	HI-LITE™ COLLAR	HST1488
1994-05-09	JGWILCOX	STAINLESS STEEL	
2018-02-02	M.BEARD/S.WILEY	1/16 GRIP VARIATION, TENSION APPLICATION	
⑦ REVISION		FOR USE ON STANDARD AND 1/64 OVERSIZE HI-LITE™ PINS	