

DASH NO.	PIN NOM DIA	THREAD	A DIA	B	C DIA (REF)	D DIA (REF)	L (REF)	L1 (REF)	M	P (REF)	R SPHER. RAD	W HEX	X (REF)	UTS LBS. MIN	TORQUE-OFF INCH-LB.
6	7/32	.1900-32 UNJF-3B	.395 .385	.088 .078	.285	.225	.435	.240	.410 .390	.280	.240	.251 .244	.095	2,750	40-50
8	9/32	.2500-28 UNJF-3B	.515 .505	.123 .113	.365	.288	.525	.280	.490 .470	.350	.305	.314 .302	.100	5,000	105-130
10	11/32	.3125-24 UNJF-3B	.660 .650	.160 .150	.450	.348	.625	.325	.590 .570	.420	.380	.377 .365	.105	8,300	200-250
12	13/32	.3750-24 UNJF-3B	.790 .780	.180 .170	.525	.413	.695	.365	.660 .640	.490	.440	.439 .425	.105	12,700	360-440
14	15/32	.4375-20 UNJF-3B	.893 .883	.237 .227	.605	.478	.775	.415	.710 .690	.557	.500	.503 .490	.110	19,000	550-625
16	17/32	.5000-20 UNJF-3B	1.005 .995	.265 .255	.690	.540	.845	.445	.770 .750	.624	.560	.565 .550	.110	25,500	725-825

NOTES: 1. Go thread gage penetration shall be 3/4 of one revolution minimum.

② 2. Dimensions are in inches and apply after finish.

3 Burrs from cutoff process and cutting torque-off groove allowed.

4. For use on sloped surfaces up to 7° maximum on HI-LITE™ pins.

MATERIAL: Collar - S30430 (302 HQ) stainless steel per ASTM A493, Type XM-7;
305 stainless steel per AMS-QQ-S-763 and AMS5686; or 303 stainless steel
per ASTM A582 (AMS5640); or stainless steel per AMS-QQ-S-763.
Washer - 17-4PH stainless steel per AMS5643, or 17-7PH per AMS5528, or PH15-7Mo per AMS5520.

HEAT TREAT: Collar - None.
Washer - Age to H1025 condition for 17-4PH, age to TH1050 condition for 17-7PH and PH15-7Mo
per AMS-H-6875.

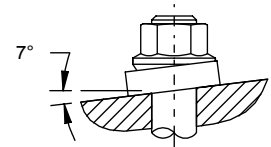
FINISH: Collar - HST1675JV()A = Cadmium plate per AMS-QQ-P-416, Type II, Class 2, and cetyl alcohol lube
per Hi-Shear Spec. 305, and color orange identification on body of collar.
HST1675TP()A = HI-KOTE™ 2 solid fillm lube per Hi-Shear Spec. 292, and cetyl alcohol lube
per Hi-Shear Spec. 305, and color orange identification on body of collar.
② HST1675HK()A = HI-KOTE™ 4 NC aluminum coating per Hi-Shear Spec. 397.

Washer - HST1675-()WU = Passivate per Hi-Shear Spec. 258.

SPECIFICATION: HI-LITE™ Product Specification 381.

CODE: Dash number indicates nominal thread size in 1/32nds.
Code letter "A" following dash number indicates HI-LITE™ collar.
Code letter "W" following dash number indicates self-aligning washer.
See "Finish" note for explanation of other code letters.

EXAMPLE: HST1675TP8AWU = Assembly of HST1675TP8A HI-LITE™ collar and
HST1675-8WU washer.



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

	DATE	BY	TITLE	DRAWING NO.
DRAWN	2000-12-21	J.F. OBISPO	HI-LITE™ COLLAR SELF-ALIGNING COLLAR ASSEMBLY STAINLESS STEEL 1/16 GRIP VARIATION, TENSION APPLICATION FOR USE ON 1/32 OVERSIZE HI-LITE™ PINS	HST1675 1 of 1
APPROVED	2000-12-21	D. HOCKING		
② REVISION	2017-08-23	KEVIN TRAN		