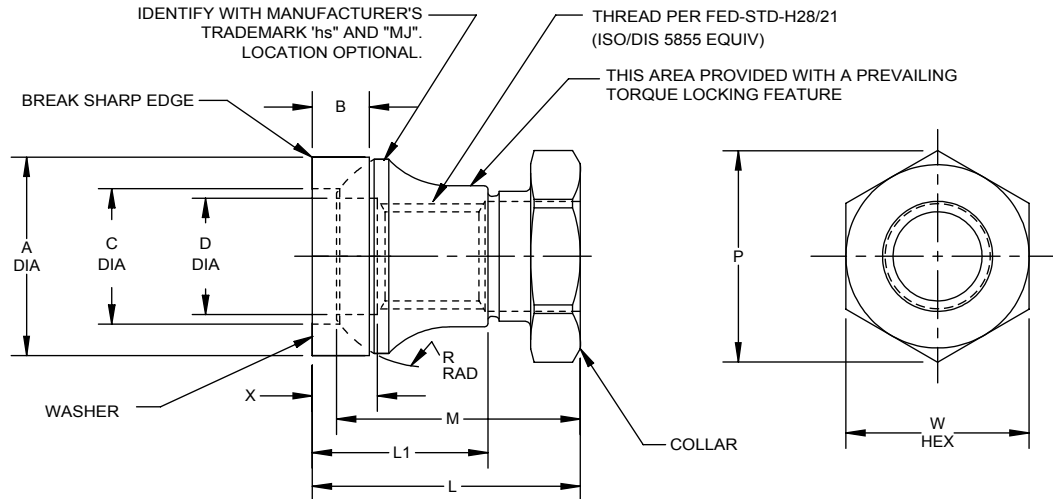




DASH NO.	PIN NOM DIA	THREAD	A DIA	B	C DIA (REF)	D DIA (REF)	L (REF)	L1 (REF)	M	P (REF)	R SPHER. RAD (REF)	W HEX	X (REF)	TORQUE-OFF Nm (REF)	TENSION PRELOAD NEWTON	ULT TNSN STR NEWTON MINIMUM
04	4	MJ4 x 0.7-4H6H	9.27 9.01	1.99 1.72	6.0	4.2	9.90	5.58	8.94 8.43	8.87	5.1	8.00 7.78	1.7	3.2	5220 2900	5800
05	5	MJ5 x 0.8-4H6H	9.66 9.40	2.29 2.03	6.5	5.2	10.16	5.84	9.45 8.94	11.10	5.1	10.00 9.78	1.7	4.8	6570 3650	7300
06	6	MJ6 x 1.0-4H5H	11.69 11.43	2.67 2.41	8.1	6.2	11.68	6.60	10.92 10.41	12.12	6.7	11.10 10.73	2.3	8.7	10800 6000	12000
08	8	MJ8 x 1.0-4H5H	14.81 14.55	3.00 2.74	10.6	8.2	13.97	8.12	12.90 12.39	14.40	8.7	13.00 12.73	2.4	16.4	19980 11100	22200
10	10	MJ10 x 1.25-4H5H	18.55 18.29	3.94 3.68	13.0	10.2	16.13	9.52	14.80 14.29	15.56	11.4	14.00 13.73	2.7	35.5	29970 16650	33300

NOTES:

- Go thread gage penetration shall be 3/4 of one revolution minimum after thread lock.
- Dimensions are in millimeters and apply after finish and before application of lubricants.
- For use on sloped surfaces up to 7° maximum on HI-LITE™ (Metric) standard pins.
- Tension preload test with TB12VAP test bolts on epoxy chromate primed aluminum bearing surface.
- Use TBMJ10-10- () for size 10.

MATERIAL:

Collar - 7075 aluminum alloy per AMS-QQ-A-225/9.
Washer - "W" - 17-4PH stainless steel per AMS5643, or 17-7PH per AMS5528, or PH15-7Mo per AMS5520.

HEAT TREAT:

Collar - Age to T73 condition per AMS2770.
Washer - "W" - Age to H-1025 condition for 17-4PH, age to TH1050 condition for 17-7PH and 15-7Mo.

FINISH:

Collar - HSTMJ82-()A = Anodize per MIL-A-8625, dye color black, and cetyl alcohol lube per Hi-Shear Spec. 305.
HSTMJ82D()A = Anodize per MIL-A-8625, dye color natural, and solid film lube per AS5272, Type I.
HSTMJ82CN()A = Anodize per MIL-A-8625, dye color blue, and cetyl alcohol lube per Hi-Shear Spec. 305.
HSTMJ82CR()A = Anodize per MIL-A-8625, dye color red, and cetyl alcohol lube per Hi-Shear Spec. 305.

Washer - HSTMJ82-()WU = Passivate per Hi-Shear Spec. 258.
HSTMJ82-()WU = Passivate per Hi-Shear Spec. 258.

SPECIFICATION:

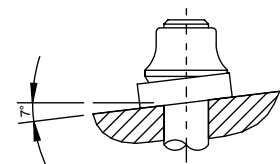
HI-LITE™ Product Specification M381, except thread as noted. Tension preload test per note [4]. Test bolt requirement exceptions per note [5] above. ⑦

CODE:

Dash number indicates nominal thread size in 1 mm.
Code letter "A" following dash number indicates HI-LITE™ collar only.
Code letter "W" indicates swivel washer only.
See "Finish" note for explanation of other code letters.

EXAMPLES:

HSTMJ82-08AWU = MJ8 x 1.0 HI-LITE™ collar with HSTMJ82-08WU swivel washer.
HSTMJ82-08A = MJ8 x 1.0 HI-LITE™ collar with cetyl alcohol lube.
HSTMJ82-08WU = 8 mm swivel washer with passivate.



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

DATE	BY	TITLE	DRAWING NO.
DRAWN	D.P.S.	HI-LITE™ COLLAR (MJ METRIC SERIES)	HSTMJ82
APPROVED	E.E.B.	SELF-ALIGNING COLLAR ASSEMBLY (ALUMINUM COLLAR, STEEL WASHER)	1 of 1
⑦ REVISION	S. WILEY	1 mm GRIP VARIATION, SHEAR APPLICATION	