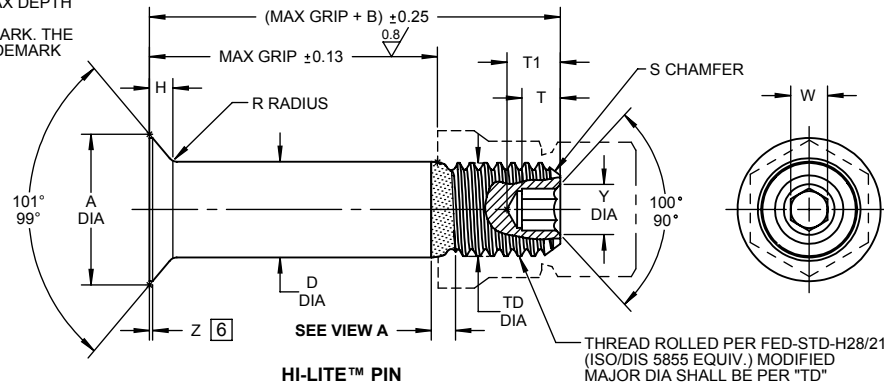
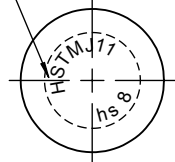
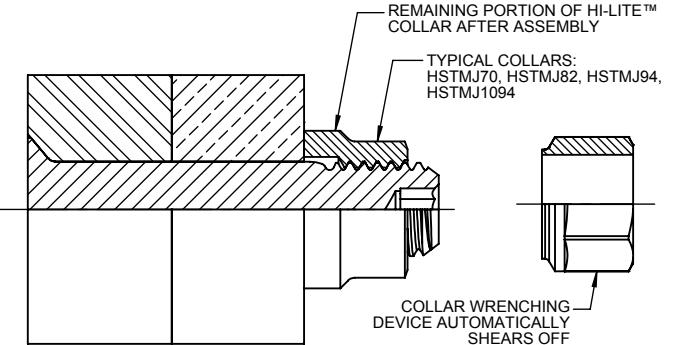


INDENTED HEAD MARKING 0.25 MAX DEPTH PER TABULATION.
"hs" INDICATES HI-SHEAR TRADEMARK. THE NUMBER(S) FOLLOWING THE TRADEMARK INDICATES FIRST DASH NUMBER.
ARRANGEMENT OPTIONAL.



HI-LITE™ PIN



HI-LITE™ PIN AND COLLAR AFTER ASSEMBLY

FIRST DASH NO.	PIN NOM DIA	HEAD MARKING	A DIA	B REF	D DIA		TD DIA	F	H	R RAD	Z MAX	S CHAMFER REF	THREAD MODIFIED	SOCKET				DOUBLE SHEAR NEWTONS MINIMUM	TENSION NEWTONS MINIMUM
					WITHOUT COATING OR SOLID FILM	AFTER COATING OR SOLID FILM								W* HEX	T DEPTH MIN	T1 DEPTH MAX	Y DIA		
04	4	MJ11 hs 4	6.25 6.13	7.11	3.990 3.978	3.990 3.965	3.91 3.86	0.11	0.95 0.89	0.65 0.40	0.25	0.8 x 37°	MJ4 x 0.7-4h	1.64 1.61	1.63	2.90	2.30 1.90	16400	5570
05	5	MJ11 hs 5	7.80 7.68	7.65	4.990 4.978	4.990 4.965	4.90 4.84	0.13	1.18 1.12	0.75 0.50	0.38	0.8 x 37°	MJ5 x 0.8-4h	2.05 2.01	2.00	3.43	3.05 2.60	25700	9140
06	6	HSTMJ11 hs 6	9.40 9.28	8.65	5.990 5.978	5.990 5.965	5.88 5.81	0.16	1.43 1.37	0.75 0.50	0.38	0.8 x 37°	MJ6 x 1.0-4h	2.46 2.40	2.25	4.06	3.60 3.10	37000	13520
08	8	HSTMJ11 hs 8	12.50 12.38	9.65	7.987 7.972	7.987 7.962	7.88 7.80	0.18	1.90 1.84	1.00 0.75	0.38	1.2 x 37°	MJ8 x 1.0-4h	3.29 3.22	2.75	5.08	4.60 4.05	65800	23140
10	10	HSTMJ11 hs 10	15.60 15.48	11.82	9.987 9.972	9.987 9.962	9.88 9.80	0.21	2.36 2.30	1.00 0.75	0.38	1.2 x 37°	MJ10 x 1.25-4h	4.11 4.02	3.50	5.97	5.50 5.00	102900	37150
12	12	HSTMJ11 hs 12	18.75 18.63	13.33	11.984 11.966	11.984 11.959	11.87 11.76	0.23	2.84 2.78	1.25 1.00	0.56	1.2 x 37°	MJ12 x 1.25-4h	4.90 4.81	4.30	6.99	6.45 5.90	148100	66700

SEE COLLAR STANDARDS FOR COLLAR STRENGTHS. LOWER STRENGTH (PIN OR COLLAR) DETERMINES SYSTEM STRENGTH.

- GENERAL NOTES:**
- Head edge out of roundness shall not exceed "F".
 - Concentricity: Conical surface of head to "D" diameter within .08 FIM.
 - "H" is dimensioned from maximum "D" diameter.
 - Dimensions are in millimeters and to be met after finish.
 - Surface texture per ISO/R468.
 - Curved or flat edge manufacturer's option.
 - As of revision 6 of this drawing, HI-KOTE™ 1 aluminum pigmented coating will be replaced by REACH compliant HI-KOTE™ 1 NC aluminum pigmented coating per Hi-Shear Spec. 294 on fasteners coated in European Union.

SPECIFICATION: HI-LITE™ Product Specification M380, except thread as noted.

CODE: First dash number indicates nominal diameter in 1mm. Second dash number indicates maximum grip in 1mm. See Finish note for explanation of code letters.

HOW TO ORDER EXAMPLE:

Pin Part Number
HSTMJ11AZ08-8

8mm Maximum Grip Length
8mm Nominal Diameter Pin
Finish Code
Pin Basic Part Number

THIS AREA OF SPECIAL CONFIGURATION AND COLD WORKING TO MEET PHYSICAL REQUIREMENTS



HI-LITE™ THREAD TRANSITION AREA
SEE SPECIFICATION FOR INSPECTION

VIEW A

"HI-LITE", "HST", AND "HI-KOTE" ARE TRADEMARKS OF HI-SHEAR CORPORATION			
DRAWN BY J.OBISPO	DATE 1988-02-17	TITLE HI-LITE™ PIN (MJ METRIC SERIES) 100° FLUSH SHEAR HEAD TITANIUM 1mm GRIP VARIATION	
APPROVED E.E.B.	DATE 1988-02-17		
REVISION 6	DATE F.CARINGELLA 2019-03-04	DRAWING NUMBER HSTMJ11	