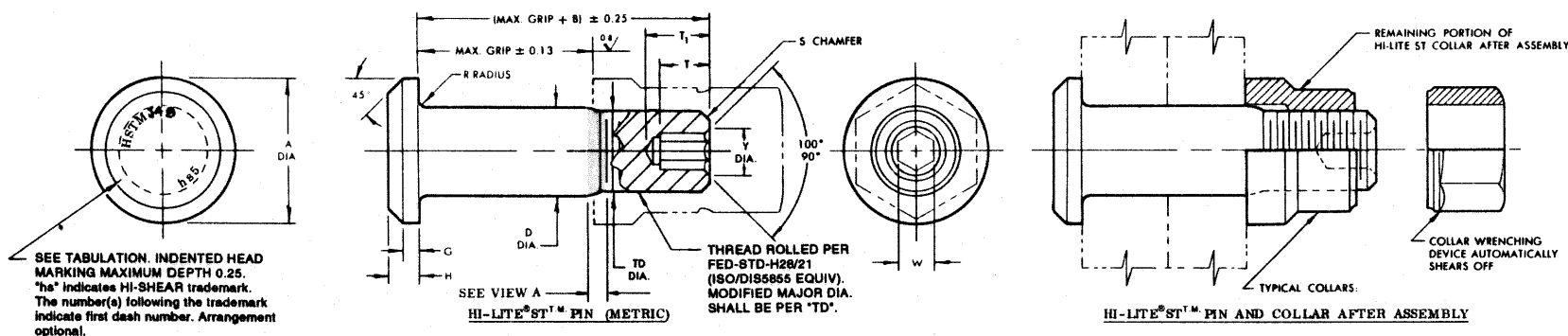


hi-shear
CORPORATION

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FIRST DASH NO.	HEAD MARKING	NOM. DIA.	A DIA.	B REF.	D DIA.		TD DIA.	G REF.	H	R RAD.	S CHAMFER REF.	THREAD (MODIFIED)	SOCKET				DOUBLE SHEAR NEWTONS MINIMUM	TENSION NEWTONS MINIMUM
					WITHOUT SOLID FILM LUBE	WITH SOLID FILM LUBE							* W HEX.	T HEX DEPTH MIN.	T1 DEPTH MAX.	Y DIA.		
-04	MJ48 hs4	4	8.15	7.11	3.990	3.990	3.91	0.9	1.60	0.65	0.8 x 45°	MJ4 x 0.7-4h	1.64	1.63	2.90	2.30	16400	9800
			7.75		3.978	3.965	3.86		1.40	0.40			1.61			1.90		
-05	MJ48 hs5	5	9.75	7.65	4.990	4.990	4.90	1.0	1.90	0.65	0.8 x 45°	MJ5 x 0.8-4h	2.05	2.00	3.43	3.05	25700	15600
			9.25		4.978	4.965	4.84		1.65	0.40			2.01			2.60		
-06	HSTMJ48 hs6	6	10.90	8.65	5.990	5.990	5.88	1.3	2.30	0.65	0.8 x 45°	MJ6 x 1.0-4h	2.46	2.25	4.06	3.60	37000	22200
			10.40		5.978	5.965	5.81		2.05	0.40			2.40			3.10		
-08	HSTMJ48 hs8	8	12.85	9.65	7.987	7.987	7.88	1.6	3.05	0.75	1.2 x 45°	MJ8 x 1.0-4h	3.29	2.75	5.08	4.60	65800	42000
			12.25		7.972	7.962	7.80		2.80	0.50			3.22			4.05		
-10	HSTMJ48 hs10	10	16.20	11.82	9.987	9.987	9.88	1.9	3.75	0.75	1.2 x 45°	MJ10 x 1.25-4h	4.11	3.50	5.97	5.50	102900	68000
			15.40		9.972	9.962	9.80		3.50	0.50			4.02			5.00		
-12	HSTMJ48 hs12	12	18.80	13.33	11.984	11.984	11.87	2.3	4.45	0.75	1.2 x 45°	MJ12 x 1.25-4h	4.90	4.30	6.99	6.45	148100	100200
			18.09		11.966	11.959	11.76		4.20	0.50			4.80			5.90		

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

* INCH STANDARD HEX

GENERAL NOTES:

1. Concentricity: "A" to "D" diameter within 0.25 FIR.
2. Dimensions to be met after finish.
3. Surface texture per ISO/R468.

MATERIAL:

A-286 high temperature alloy per Spec.AMS5737 or AMS5731.

HEAT TREAT:

655N/mm² shear minimum at room temperature.

FINISH:

HSTMJ48-(-)(-) = Passivate per Hi-Shear Spec. 258 with color black on thread end and cetyl alcohol lube per Hi-Shear Spec. 305.
HSTMJ48TF-(-)(-) = Hi-Kote 2 solid film lube per Hi-Shear Spec. 292.

SPECIFICATION:

Hi-Lite Product Specification No. M380, except thread as noted.

CODE:

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

**HOW TO ORDER
EXAMPLES:**

Pin Part Number Only
HSTMJ48-04-8

8 mm Maximum Grip Length
4 mm Nominal Diameter Pin
Pin Part Number

Pin and Collar Assembly Part Number Combination
HSTMJ4873-04-8

Size and grip length, see above example
Collar Part Number
Pin Part Number

U.S. Patents 4,326,825; 4,485,510 and 4,957,401. Other U.S. and foreign patents pending. "Hi-Lite" is a registered trademark and "Hi-Lite ST" is a trademark of Hi Shear Corporation.		TITLE HI-LITE® ST™ PIN (MJ METRIC SERIES) PROTRUDING TENSION HEAD A-286 HIGH TEMPERATURE ALLOY 1 mm GRIP VARIATION	
DRAWN J. Obispo	DATE 7-21-94	DRAWING NUMBER HSTMJ48	
APPROVED E.E.B.	DATE 7-21-94		
REVISION ①	DATE 7-26-94		