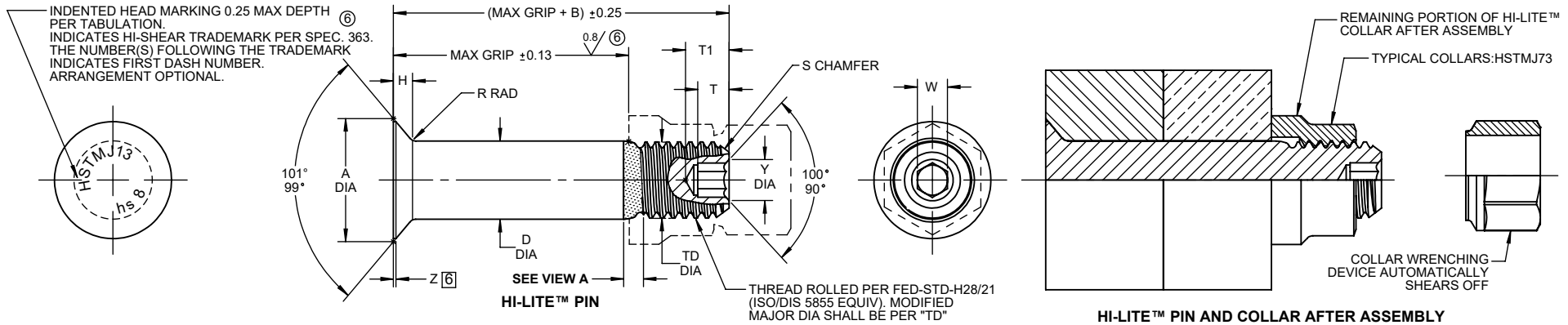




FIRST DASH NO.	HEAD MARKING	PIN NOM DIA	A DIA	B REF	D DIA		TD DIA	F	H	R RAD	Z MAX	S CHAMFER REF	THREAD MODIFIED	SOCKET				DOUBLE SHEAR NEWTONS MINIMUM	TENSION NEWTONS MINIMUM
					HSTMJ13 AND HSTMJ13YZ	HSTMJ13AZ								* W HEX	T DEPTH MIN	T1 DEPTH MAX	Y DIA		
04	MJ13 hs 4	4	8.00 7.88	7.11	3.990 3.978	3.990 3.965	3.91 3.86	0.11	1.68 1.62	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	9800
05	MJ13 hs 5	5	10.00 9.88	7.65	4.990 4.978	4.990 4.965	4.90 4.84	0.13	2.11 2.05	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	15600
06	HSTMJ13 hs 6	6	12.00 11.88	8.65	5.990 5.978	5.990 5.965	5.88 5.81	0.16	2.53 2.47	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	22200
08	HSTMJ13 hs 8	8	16.00 15.88	9.65	7.987 7.972	7.987 7.962	7.88 7.80	0.18	3.38 3.32	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	42000
10	HSTMJ13 hs 10	10	20.00 19.88	11.82	9.987 9.972	9.987 9.962	9.88 9.80	0.21	4.23 4.17	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	68000
12	HSTMJ13 hs 12	12	24.00 23.88	13.33	11.984 11.966	11.984 11.959	11.87 11.76	0.23	5.05 5.00	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	100200

* INCH STANDARD HEX

- ⑥ GENERAL NOTES: [1] Head edge out of roundness shall not exceed "F".
2. Concentricity: Conical surface of head to "D" diameter within .08 FIM.
3. "H" is dimensioned from maximum "D" diameter.
④ Surface texture per ASME B46.1.
5. Dimensions are in millimeters and to be met after finish.
⑥ Curved or flat edge manufacturer's option.

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.

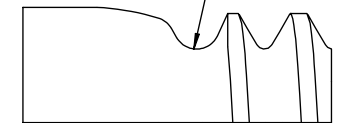
HOW TO ORDER EXAMPLE:

Pin Part Number
HSTMJ13YZ04-8
└─ 8mm Maximum Grip Length
└─ 4mm Nominal Diameter Pin
└─ Finish Code
└─ Pin Basic Part Number

Pin and Collar Assembly Part Number Combination
HSTMJ13-73-04-8

└─ Size and Grip Length, See Above Example
└─ Collar Part Number
└─ Pin 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 TENSION HEAD TITANIUM 1 mm GRIP VARIATION
APPROVED E.E.B	DATE 1988-02-17	
REVISION 6	DATE P.BOWDEN 2024-03-26	DRAWING NUMBER HSTMJ13

1 OF 1