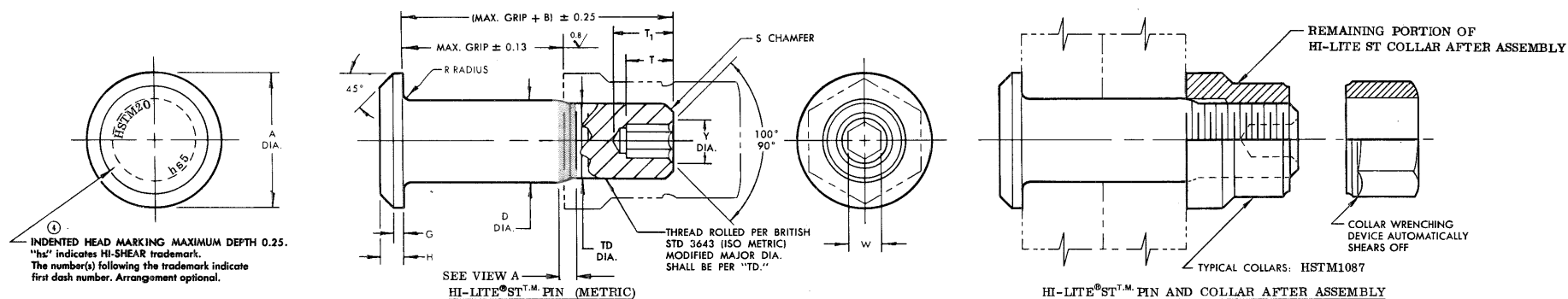


hi-shear
CORPORATION

2600 SKYPARK DRIVE
TORRANCE, CALIFORNIA 90509
AREA CODE 213 • 775-3181 • 326-8110



FIRST DASH NO.	①	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
												* W HEX.	T HEX DEPTH MIN.	T1 DEPTH MAX.	Y DIA.		
-04		4	8.15 7.75	7.11	3.990 3.965	3.91 3.86	0.9	1.60 1.40	0.65 0.40	0.8 x 45°	M4 x 0.7-4h	1.64 1.61	1.63	2.90	2.30 1.90	16400	9800
-05		5	9.75 9.25	7.65	4.990 4.965	4.90 4.84	1.0	1.90 1.65	0.65 0.40	0.8 x 45°	M5 x 0.8-4h	2.05 2.01	2.00	3.43	3.05 2.60	25700	15600
-06		6	10.90 10.40	8.65	5.990 5.965	5.88 5.81	1.3	2.30 2.05	0.65 0.40	0.8 x 45°	M6 x 1.0-4h	2.46 2.40	2.25	4.06	3.60 3.10	37000	22200
-08		8	12.85 12.25	9.65	7.987 7.962	7.88 7.80	1.6	3.05 2.80	0.75 0.50	1.2 x 45°	M8 x 1.0-4h	3.29 3.22	2.75	5.08	4.60 4.05	65800	42000

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/DR221.

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

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

MATERIAL: Alloy steel per Spec. MIL-S-5000, MIL-S-5626 or MIL-S-6049.

HOW TO ORDER
EXAMPLES:

HEAT TREAT: 655 N/mm² shear minimum per Spec. MIL-H-6875.

FINISH: HSTM20CG-()-() = Cadmium plate per Spec. QQ-P-416, Type II, Class 2, with color code green on thread end plus cetyl alcohol lube per Hi-Shear Spec. 305.
HSTM20RG-()-() = Cadmium plate per Spec. QQ-P-416, Type I, Class 2, with color code green on thread end plus cetyl alcohol lube per Hi-Shear Spec. 305.

SPECIFICATION: Hi-Lite Product Specification No. M380.

Pin Part Number Only
HSTM20RG-04-8
8 mm Maximum Grip Length
4 mm Nominal Diameter Pin
Pin Part Number

Pin and Collar Assembly Part Number Combination
HSTM20RG1087-04-8
Size and Grip Length, See Above Example
Collar Part Number
Pin Part Number



VIEW A
HI-LITE THREAD TRANSITION AREA.
SEE SPECIFICATION FOR INSPECTION.

U.S. Patents 4,326,825 and 4,485,510. Other U.S. and foreign patents pending. "Hi-Lite" is a registered trademark and "Hi-Lite ST" is a trademark of Hi-Shear Corporation.

DRAWN	DATE	TITLE
D. P. S.	10-8-82	HI-LITE [®] ST [™] PIN (METRIC SERIES)
APPROVED	DATE	PROTRUDING TENSION HEAD
J. Sullivan	10-11-82	ALLOY STEEL
REVISION	DATE	1 mm GRIP VARIATION
④	D. P. S.	DRAWING NUMBER
	12-5-85	HSTM20

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HSTM20