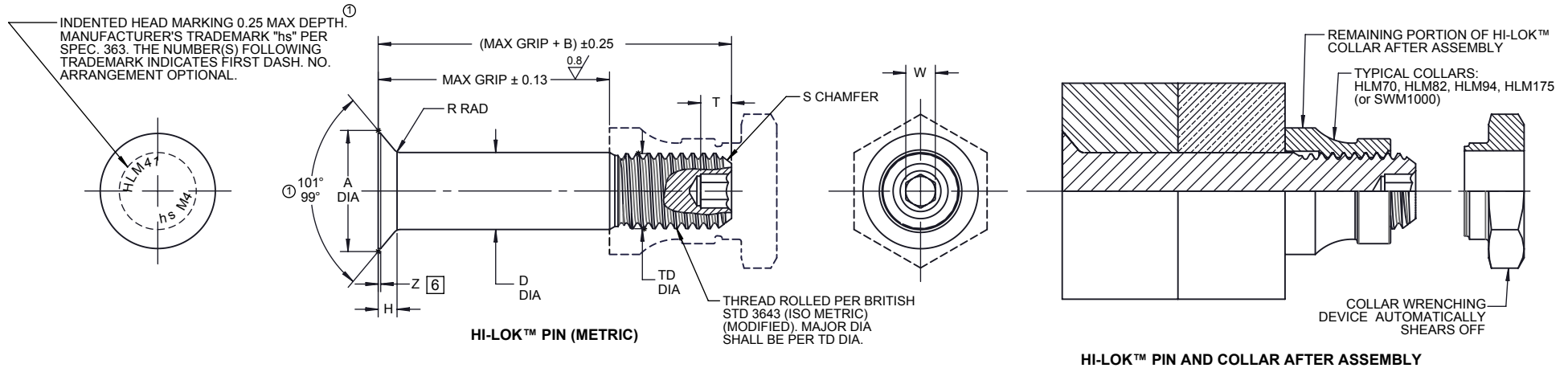


① For the current list of licensed manufacturers, please visit the LISI AEROSPACE website at:
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FIRST DASH NO.	HEAD MARKING	PIN NOM DIA	A DIA	B REF	D DIA		TD DIA	F	H	R RAD	Z MAX	S CHAMFER REF	THREAD MODIFIED	SOCKET		DOUBLE SHEAR NEWTONS MINIMUM	TENSION NEWTONS MINIMUM
					WITHOUT COATING OR SOLID FILM LUBE	WITH COATING OR SOLID FILM LUBE								W HEX	T DEPTH		
4	HLM41M4	4	6.49 6.35	8.35	3.990 3.978	3.990 3.965	3.91 3.86	0.11	1.05 0.99	0.65 0.40	0.25	0.8 x 45°	M4 x 0.7-4h	1.64 1.61	2.05 1.65	16400	6200
5	HLM41M5	5	7.85 7.71	8.65	4.990 4.978	4.990 4.965	4.90 4.84	0.13	1.20 1.14	0.75 0.50	0.38	0.8 x 45°	M5 x 0.8-4h	2.05 2.01	2.55 2.00	25700	9300
6	HLM41M6	6	9.68 9.54	10.70	5.990 5.978	5.990 5.965	5.88 5.81	0.16	1.55 1.49	0.75 0.50	0.38	0.8 x 45°	M6 x 1.0-4h	2.46 2.40	2.80 2.25	37000	14700
8	HLM41M8 x 1	8	12.73 12.59	12.95	7.987 7.972	7.987 7.962	7.88 7.80	0.18	1.99 1.93	1.00 0.75	0.38	1.2 x 45°	M8 x 1.0-4h	3.29 3.22	3.35 2.80	65800	24400
10	HLM41M10 x 1	10	15.68 15.54	15.20	9.987 9.972	9.987 9.962	9.88 9.80	0.21	2.39 2.33	1.00 0.75	0.38	1.2 x 45°	M10 x 1.0-4h	4.11 4.02	4.35 3.80	102900	37800
12	HLM41M12 x 1.25	12	18.42 18.28	18.15	11.984 11.966	11.984 11.959	11.87 11.76	0.23	2.70 2.64	1.25 1.00	0.56	1.2 x 45°	M12 x 1.25-4h	4.90 4.81	5.10 4.55	148100	52000

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

- GENERAL NOTES:**
- ① Head edge out of roundness shall not exceed "F".
 2. Concentricity: Conceal surface of head "D" diameter within 0.13 FIR.
 3. "H" is dimensioned from maximum "D" diameter.
 - ④ Dimensions are in millimeters, and to be met after finish.
 5. Surface texture per ISO/DR221.
 - ⑥ Curved or flat edge manufacturer's option.
 7. Use HLM341 for oversize replacement.

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

① **EXAMPLE:**

Pin Part Number
 HLM41TF8-8
 8mm Maximum Grip Length
 4mm Nominal Diameter Pin
 Finish Code
 Pin Basic Part Number

Pin and Collar Assembly Part Number Combination
 HLM4170-04-8

Size and Grip Length,
 See Above Example
 Collar Part Number
 Pin Part Number

* INCH STANDARD HEX

"HI-LOK", "HL", AND "HI-KOTE", ARE TRADEMARKS OF HI-SHEAR CORPORATION		
DRAWN BY D.P.S.	DATE 1977-01-25	TITLE HI-LOK™ PIN (METRIC SERIES) 100° FLUSH SHEAR HEAD A-286 HIGH TEMPERATURE ALLOY 1mm GRIP VARIATION
APPROVED R. TING	DATE 1977-01-25	
REVISION ①	DATE M.BEARD 2017-05-18	DRAWING NUMBER HLM41