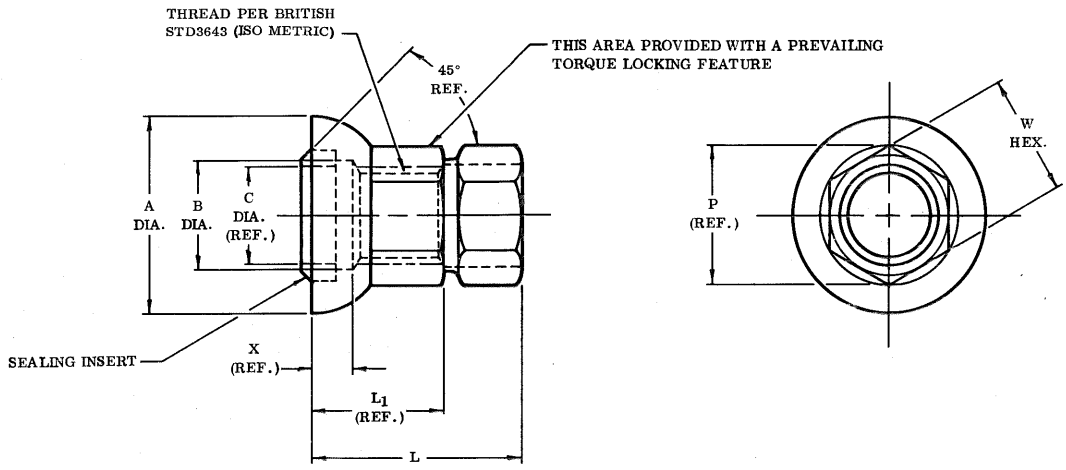
hi-shear CORPORATION
2600 SKYPARK DRIVE
TORRANCE, CALIFORNIA 90509
AREA CODE 213 • 775-3181 • 326-8110



DASH NO. (METRIC)	PIN NOM. DIA.	THREAD	A DIA.	B DIA.	C DIA. (REF.)		L	L_1 (REF.)		P (REF.)		W HEX.	X (REF.)	TORQUE OFF NEWTON-METER	ULT TNSN STR NEWTONS MINIMUM
-05	5	M5 x 0.8-4H5H	10.00 9.85	5.27 5.15	5.0		11.90 11.40	7.4		7.75		7.00 6.78	2.9	2.8-4.6	7300
-06	6	M6 x 1.0-4H5H	12.70 12.54	6.27 6.15	6.0		14.50 14.00	9.2		8.88		8.00 8.78	3.3	5.6-9.1	12000
-08	8	M8 x 1.0-4H5H	16.16 16.00	8.30 8.15	8.0		17.00 16.50	10.9		12.13		11.00 10.73	3.3	14.6-18.1	22200
-10	10	M10 x 1.0-4H5H	18.80 18.64	10.30 10.15	10.0		19.75 19.25	12.9		14.41		13.00 12.73	3.3	23.7-28.3	33300

NOTES: 1. Go thread gage penetration shall be 3/4 of one revolution minimum.
2. Dimensions apply after finish.

MATERIAL: Collar — 2024 aluminum alloy per QQ-A-430 or QQ-A-225/6.
Insert — Teflon per MIL-P-19468.

HEAT TREAT: Collar — Age to T6 condition per MIL-H-6088.

FINISH: Collar — Anodize, dye color red, and cetyl alcohol lube per Hi-Shear Spec. 305.
Insert — None.

SPECIFICATION: Hi-Lok Product Specification M345.

CODE: Dash number indicates nominal thread size in 1 mm.

EXAMPLE: HLM80-08 = M8 x 1.0 Hi-Lok Sealing Collar with Teflon Insert.

U.S. patents 2,882,773; 2,927,491; 2,940,495; 3,027,789; 3,138,987; design patent 191,883; other U.S. and Foreign patents granted and pending; property of Hi-Shear Corporation. "Hi-Lok" and "HL" are Registered Trademarks of Hi-Shear Corporation.

	DATE	BY
DRAWN	4-19-73	D. P. S.
APPROVED	4-19-73	R. King
REVISION		

TITLE

hi-Lok® COLLAR (METRIC SERIES)

(SEALING TYPE)

2024-T6 ALUMINUM ALLOY
1 mm GRIP VARIATION — SHEAR APPLICATION
(DOUBLE HEX)

DRAWING NUMBER

HLM80

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