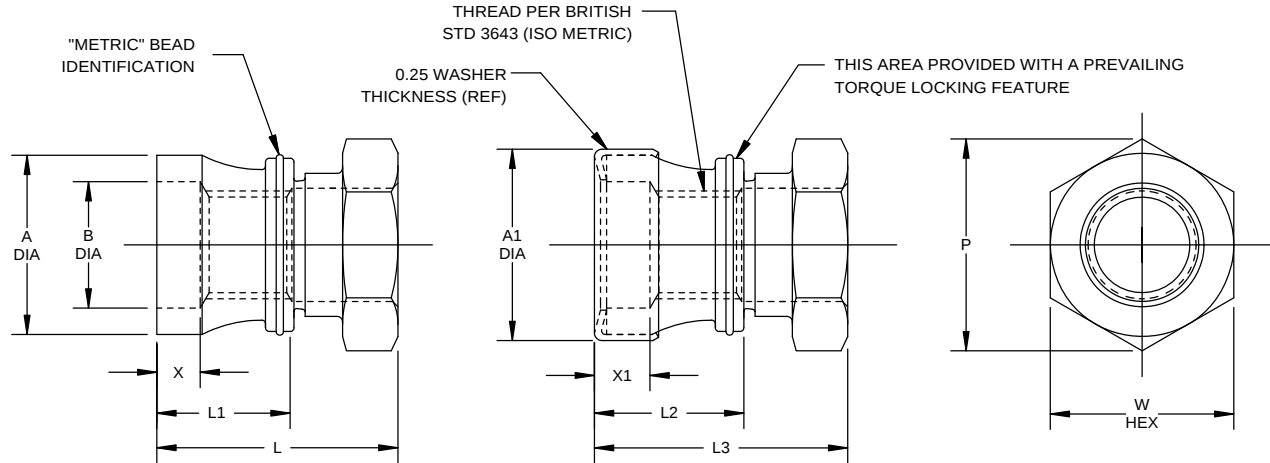




DASH NO. (METRIC)	PIN NOM DIA	THREAD	A DIA	A1 DIA (REF)	B DIA	L	L1 (REF)	L2 (REF)	L3 (REF)	P (REF)	W HEX	X (REF)	X1 (REF)	TORQUE-OFF NEWTON - METER	ULT TNSN STR NEWTONS MINIMUM
04	4	M4 x 0.7-4H5H	7.42 7.15	8.1	4.25 4.15	11.75 11.25	7.2	12.0	7.7	8.87	8.00 7.78	2.8	3.3	1.7-2.9	9600
05	5	M5 x 0.8-4H5H	8.25 7.69	8.6	5.25 5.15	11.90 11.40	7.4	12.2	7.9	11.10	10.00 9.78	2.9	3.4	2.8-4.6	12700
06	6	M6 x 1.0-4H5H	10.47 10.30	11.2	6.25 6.15	14.50 14.00	9.2	14.8	9.7	12.12	11.00 10.73	3.3	3.8	5.6-9.1	20700
08	8	M8 x 1.0-4H5H	13.15 13.00	14.0	8.30 8.15	17.00 16.50	11.0	17.5	11.6	14.40	13.00 12.73	3.3	3.9	14.6-18.1	36900
10	10	M10 x 1.0-4H5H	16.50 15.78	16.9	8.30 8.15	19.75 19.25	12.9	20.2	13.6	15.56	14.00 13.73	3.3	4.0	23.7-28.3	62300
12	12	M12 x 1.25-4H5H	21.54 19.60	22.4	12.30 12.15	23.10 22.60	15.3	23.6	16.0	18.90	17.00 16.73	3.9	4.5	36.1-43.0	97800

- NOTES:**
1. Go thread gage penetration shall be 3/4 of one revolution minimum.
 2. Dimensions are in millimeters and apply after finish.
 3. Use HLM394 for oversize replacement.

- MATERIAL:** Collar - Type 303 Se stainless steel per ASTM A582.
 Steel Washer - 300 series stainless steel.
- FINISH:** Collar - HLM94() = Solid film lube per AS5272, Type I.
 HLM94G() = Silver plate per AMS2410 (.0002 - .0004 thick) and cetyl alcohol lube per Hi-Shear Spec. 305.
 HLM94K() = Solid film lube per Lubeco 905.
 HLM94LP() = Solid film lube per AS5272, Type II.
 HLM94PB() = Cadmium plate per AMS-QQ-P-416, Type II, Class 2, and cetyl alcohol lube per Hi-Shear Spec. 305.
- Collar & Washer -
 HLM94W() = Collar finish same as HLM94(), and washer is passivate.
 HLM94GW() = Collar and washer both with silver plate per AMS2410 (.0002 - .0004 thick) and cetyl alcohol lube per Hi-Shear Spec. 305.
 HLM94PBW() = Collar finish same as HLM94PB() and washer with cadmium plate per AMS-QQ-P-416, Type II, Class 2, and no lube.

SPECIFICATION: HI-LOK™ Product Specification M345.

CODE: Dash number indicates nominal thread size in 1 mm.
 See Finish note for explanation of code letters.

EXAMPLES: HLM94-08 = M8 x 1.0 HI-LOK™ collar with solid film lube.
 HLM94GW08 = M8 x 1.0 HI-LOK™ collar and washer, both with silver plate and cetyl alcohol lube.

"HI-LOK" AND "HL" ARE INTERNATIONAL
 REGISTERED TRADEMARKS OF HI-SHEAR CORPORATION

DATE	BY	TITLE	DRAWING NO.
1970-04-17	AHS	HI-LOK™ COLLAR	HLM94
1970-04-17	R.TING	(METRIC SERIES)	
2017-09-14	M.BEARD	TYPE 303 Se STAINLESS STEEL	1 of 1
		1mm GRIP VARIATION, SHEAR APPLICATION	