



GST NO.: 29AHZPU5620Q1ZZ

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QUALITY FASTENERS SPECIALIST



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TECHNICAL DATA SHEET

LOW HEAD ALLEN SOCKET HEAD CAP SCREW (SHCS)



MATERIAL- STAINLESS STEEL

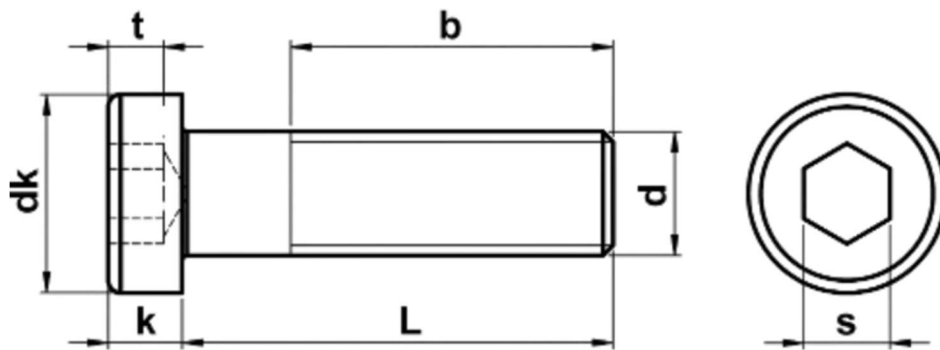
GRADE-SS316 (A4-70)

AS PER-DIN-7984

CATALOGUE NO. R6C39LH

INSTALLATION GUIDE

- CONFIRM THE SCREW SIZE, THREAD PITCH, AND LENGTH MATCH THE APPLICATION REQUIREMENTS.
- ENSURE THE MATING THREAD OR HOLE IS CLEAN, DRY, AND FREE FROM DUST, OIL, OR METAL CHIPS.
- VERIFY THAT THE COUNTERBORE OR MOUNTING SURFACE IS FLAT AND SUITABLE FOR LOW HEAD CLEARANCE.
- ALIGN THE STAINLESS-STEEL LOW HEAD ALLEN SHCS WITH THE THREADED HOLE OR NUT.
- INSERT THE SCREW AND START THREADING BY HAND TO AVOID CROSS-THREADING.
- USE THE CORRECT SIZE ALLEN KEY OR HEX DRIVER FOR FULL SOCKET ENGAGEMENT.
- APPLY STEADY DOWNWARD PRESSURE WHILE TIGHTENING TO PREVENT TOOL SLIPPAGE.
- TIGHTEN THE SCREW GRADUALLY AND EVENLY UNTIL THE LOW HEAD SITS FLUSH ON THE SURFACE.
- APPLY TORQUE AS PER SPECIFIED LIMITS, CONSIDERING THE REDUCED HEAD HEIGHT.
- AVOID OVERTIGHTENING TO PREVENT SOCKET STRIPPING OR THREAD DAMAGE.
- USE THREAD LOCKING COMPOUND IF REQUIRED FOR VIBRATION-PRONE APPLICATIONS.
- INSPECT THE FINAL ASSEMBLY TO CONFIRM PROPER SEATING, ALIGNMENT, AND SECURE FASTENING.



Note: Head may be plain or knurled

Size→ Dimension↓	M3x0.5	M4x0.7	M5x0.8	M6x1.0	M8x1.25	M10x1.5
dk max	5.50	7.00	8.50	10.00	13.00	16.00
dk min	5.32	6.78	8.28	9.78	12.73	15.73
s	2.00	2.50	3.00	4.00	5.00	7.00
k max	2.00	2.80	3.50	4.00	5.00	6.00
k min	1.86	2.66	3.32	3.82	4.82	5.82
t	1.50	2.30	2.70	3.00	3.80	4.50
b min	12	14	16	18	22	26

Quote the PART NUMBER given below with your order/ inquiries:

All Dimensions in mm

Length↓ Size→	M3x0.5	M4x0.7	M5x0.8	M6x1.0	M8x1.25	M10x1.5
20	R6C39LH03020					
22	R6C39LH03022	R6C39LH04022				
25	R6C39LH03025	R6C39LH04025				
30	R6C39LH03030	R6C39LH04030	R6C39LH05030	R6C39LH06030		
35	R6C39LH03035	R6C39LH04035	R6C39LH05035	R6C39LH06035	R6C39LH08035	
40	R6C39LH03040	R6C39LH04040	R6C39LH05040	R6C39LH06040	R6C39LH08040	R6C39LH10040
45	R6C39LH03045	R6C39LH04045	R6C39LH05045	R6C39LH06045	R6C39LH08045	R6C39LH10045
50	R6C39LH03050	R6C39LH04050	R6C39LH05050	R6C39LH06050	R6C39LH08050	R6C39LH10050
55		R6C39LH04055	R6C39LH05055	R6C39LH06055	R6C39LH08055	R6C39LH10055
60		R6C39LH04060	R6C39LH05060	R6C39LH06060	R6C39LH08060	R6C39LH10060
65			R6C39LH05065	R6C39LH06065	R6C39LH08065	R6C39LH10065
70			R6C39LH05070	R6C39LH06070	R6C39LH08070	R6C39LH10070
75			R6C39LH05075	R6C39LH06075	R6C39LH08075	R6C39LH10075
80			R6C39LH05080	R6C39LH06080	R6C39LH08080	R6C39LH10080
90				R6C39LH06090	R6C39LH08090	R6C39LH10090
100				R6C39LH06100	R6C39LH08100	R6C39LH10100
110				R6C39LH06110	R6C39LH08110	R6C39LH10110
120				R6C39LH06120	R6C39LH08120	R6C39LH10120

Sizes in BLUE are non-preferred. Availability is limited and MOQ is applied.

Data is strictly informative

Note: All Austenitic Stainless-Steel Fasteners may exhibit some Magnetic Properties due to the Manufacturing Process.

Refer: ISO 3506-2 Annex F