



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

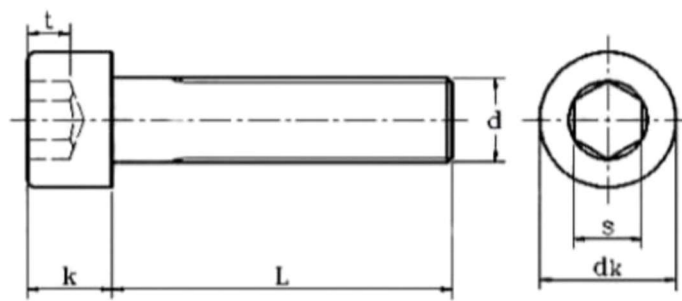
GRADE-SS316 (A4-70)

AS PER-DIN-7984

CATALOGUE NO. R6C39L

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↓	M2x0.4	M2.5x0.45	M3x0.5	M4x0.7
dk max	3.80	4.50	5.50	7.00
dk min	3.62	4.32	5.32	6.78
s	1.5	2.00	2.00	2.50
k max	1.45	1.85	2.00	2.80
k min	1.35	1.75	1.86	2.66
t	0.90	1.20	1.50	2.30

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

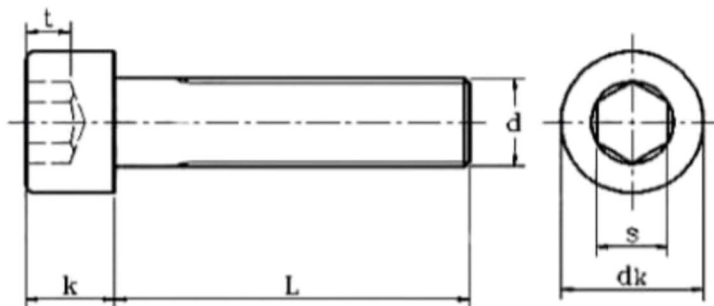
All Dimensions in mm

Size→ Length↓	M2x0.4	M2.5x0.45	M3x0.5	M4x0.7
3	R6C39L02003	R6C39L20503	R6C39L03003	
4	R6C39L02004	R6C39L20504	R6C39L03004	R6C39L04004
5	R6C39L02005	R6C39L20505	R6C39L03005	R6C39L04005
6	R6C39L02006	R6C39L20506	R6C39L03006	R6C39L04006
8	R6C39L02008	R6C39L20508	R6C39L03008	R6C39L04008
10	R6C39L02010	R6C39L20510	R6C39L03010	R6C39L04010
12	R6C39L02012	R6C39L20512	R6C39L03012	R6C39L04012
14	R6C39L02014	R6C39L20514	R6C39L03014	R6C39L04014
16	R6C39L02016	R6C39L20516	R6C39L03016	R6C39L04016
18	R6C39L02018	R6C39L20518	R6C39L03018	R6C39L04018
20	R6C39L02020	R6C39L20520	R6C39L03020	R6C39L04020
22		R6C39L20522	R6C39L03022	R6C39L04022
25		R6C39L20525	R6C39L03025	R6C39L04025
28		R6C39L20528	R6C39L03028	R6C39L04028
30		R6C39L20530	R6C39L03030	R6C39L04030
35			R6C39L03035	R6C39L04035
40			R6C39L03040	R6C39L04040
45			R6C39L03045	R6C39L04045
50			R6C39L03050	R6C39L04050
55				R6C39L04055
60				R6C39L04060

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



Note: Head may be plain or knurled

Size→ Dimension↓	M4x0.7	M5x0.8	M6x1.0	M8x1.25	M10x1.5
dk max	7.00	8.50	10.00	13.00	16.00
dk min	6.78	8.28	9.78	12.73	15.73
s	2.50	3.00	4.00	5.00	7.00
k max	2.80	3.50	4.00	5.00	6.00
k min	2.66	3.32	3.82	4.82	5.82
t	2.30	2.70	3.00	3.80	4.50

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

All Dimensions in mm

Size→ Length↓	M5x0.8	M6x1.0	M8x1.25	M10x1.5
5	R6C39L05005			
6	R6C39L05006	R6C39L06006		
8	R6C39L05008	R6C39L06008	R6C39L08008	
10	R6C39L05010	R6C39L06010	R6C39L08010	R6C39L10010
12	R6C39L05012	R6C39L06012	R6C39L08012	R6C39L10012
14	R6C39L05014	R6C39L06014	R6C39L08014	R6C39L10014
16	R6C39L05016	R6C39L06016	R6C39L08016	R6C39L10016
18	R6C39L05018	R6C39L06018	R6C39L08018	R6C39L10018
20	R6C39L05020	R6C39L06020	R6C39L08020	R6C39L10020
22	R6C39L05022	R6C39L06022	R6C39L08022	R6C39L10022
25	R6C39L05025	R6C39L06025	R6C39L08025	R6C39L10025
28	R6C39L05028	R6C39L06028	R6C39L08028	R6C39L10028
30	R6C39L05030	R6C39L06030	R6C39L08030	R6C39L10030
35	R6C39L05035	R6C39L06035	R6C39L08035	R6C39L10035
40	R6C39L05040	R6C39L06040	R6C39L08040	R6C39L10040
45	R6C39L05045	R6C39L06045	R6C39L08045	R6C39L10045
50	R6C39L05050	R6C39L06050	R6C39L08050	R6C39L10050
55	R6C39L05055	R6C39L06055	R6C39L08055	R6C39L10055
60	R6C39L05060	R6C39L06060	R6C39L08060	R6C39L10060
65	R6C39L05065	R6C39L06065	R6C39L08065	R6C39L10065
70	R6C39L05070	R6C39L06070	R6C39L08070	R6C39L10070
75	R6C39L05075	R6C39L06075	R6C39L08075	R6C39L10075
80	R6C39L05080	R6C39L06080	R6C39L08080	R6C39L10080
90		R6C39L06090	R6C39L08090	R6C39L10090
100		R6C39L06100	R6C39L08100	R6C39L10100
110		R6C39L06110	R6C39L08110	R6C39L10110
120		R6C39L06120	R6C39L08120	R6C39L10120

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