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An ISO 9001:2015 Certified Company

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QUALITY FASTENERS SPECIALIST



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TECHNICAL DATA SHEET

TORX SHCS LOW HEAD



MATERIAL- STAINLESS STEEL

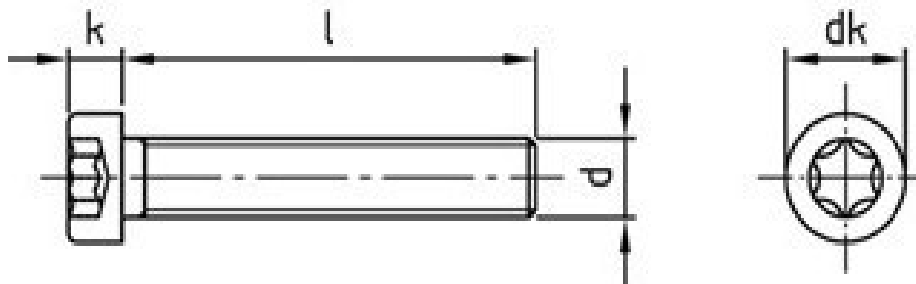
GRADE-SS316 (A4-70)

AS PER-ISO-14580

CATALOGUE NO. R6F39L

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

Dia	M2 x 0.4	M2.5 x 0.45	M3 x 0.5	M4 x 0.7	M5 x 0.8	M6 x 1.0	M8 x 1.25
dk max	3.80	4.50	5.50	7.00	8.50	10.00	13.00
dk min	3.62	4.32	5.32	6.78	8.28	9.78	12.73
k	1.55	1.85	2.40	3.10	3.65	4.40	5.80
Drive Bit	T-6	T-8	T-10	T-20	T-25	T-30	T-45

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

All Dimensions in mm

L/Dia	M2 x 0.4	M2.5 x 0.45	M3 x 0.5	M4 x 0.7	M5 x 0.8	M6 x 1.0	M8 x 1.25
3	R6F39L02003	R6F39L20503					
4	R6F39L02004	R6F39L20504	R6F39L03004				
5	R6F39L02005	R6F39L20505	R6F39L03005	R6F39L04005			
6	R6F39L02006	R6F39L20506	R6F39L03006	R6F39L04006			
8	R6F39L02008	R6F39L20508	R6F39L03008	R6F39L04008	R6F39L05008	R6F39L06008	
10	R6F39L02010	R6F39L20510	R6F39L03010	R6F39L04010	R6F39L05010	R6F39L06010	R6F39L08010
12	R6F39L02012	R6F39L20512	R6F39L03012	R6F39L04012	R6F39L05012	R6F39L06012	R6F39L08012
14	R6F39L02014	R6F39L20514	R6F39L03014	R6F39L04014	R6F39L05014	R6F39L06014	R6F39L08014
16	R6F39L02016	R6F39L20516	R6F39L03016	R6F39L04016	R6F39L05016	R6F39L06016	R6F39L08016
18	R6F39L02018	R6F39L20518	R6F39L03018	R6F39L04018	R6F39L05018	R6F39L06018	R6F39L08018
20	R6F39L02020	R6F39L20520	R6F39L03020	R6F39L04020	R6F39L05020	R6F39L06020	R6F39L08020
22			R6F39L03022	R6F39L04022	R6F39L05022	R6F39L06022	R6F39L08022
25			R6F39L03025	R6F39L04025	R6F39L05025	R6F39L06025	R6F39L08025
30			R6F39L03030	R6F39L04030	R6F39L05030	R6F39L06030	R6F39L08030
35			R6F39L03035	R6F39L04035	R6F39L05035	R6F39L06035	R6F39L08035
40			R6F39L03040	R6F39L04040	R6F39L05040	R6F39L06040	R6F39L08040
45				R6F39L04045	R6F39L05045	R6F39L06045	R6F39L08045
50				R6F39L04050	R6F39L05050	R6F39L06050	R6F39L08050
55					R6F39L05055	R6F39L06055	R6F39L08055
60					R6F39L05060	R6F39L06060	R6F39L08060
65						R6F39L06065	R6F39L08065
70						R6F39L06070	R6F39L08070
75							R6F39L08075
80							R6F39L08080

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