



GST NO.: 29AHZPU5620Q1ZZ

An ISO 9001:2015 Certified Company

ROYAL INDUSTRIAL SUPPLIERS

QUALITY FASTENERS SPECIALIST



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TECHNICAL DATA SHEET

TORX SHCS LOW HEAD HALF THREAD



MATERIAL- STAINLESS STEEL

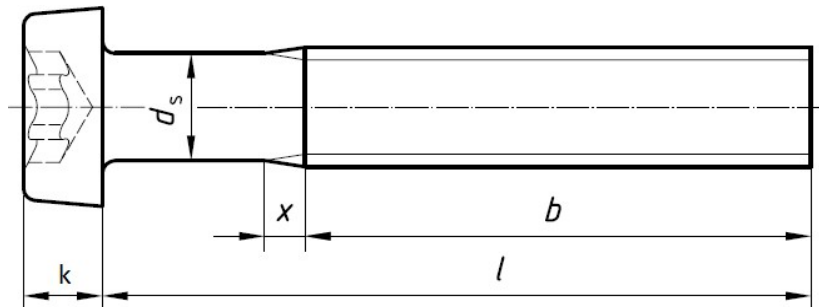
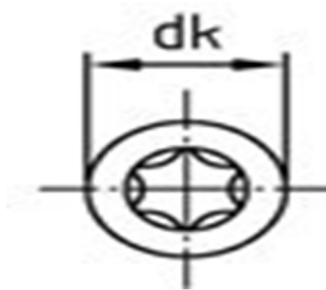
GRADE-SS316 (A4-70)

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	M3 x 0.5	M4 x 0.7	M5 x 0.8	M6 x 1.0	M8 x 1.25
dk max	5.50	7.00	8.50	10.00	13.00
dk min	5.32	6.78	8.28	9.78	12.73
k	2.40	3.10	3.65	4.40	5.80
Thread Length b	25.00	38.00	38.00	38.00	38.00
Drive Bit	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	M3 x 0.5	M4 x 0.7	M5 x 0.8	M6 x 1.0	M8 x 1.25
35	R6F39LH03035				
40	R6F39LH03040				
45		R6F39LH04045	R6F39LH05045	R6F39LH06045	R6F39LH08045
50		R6F39LH04050	R6F39LH05050	R6F39LH06050	R6F39LH08050
55			R6F39LH05055	R6F39LH06055	R6F39LH08055
60			R6F39LH05060	R6F39LH06060	R6F39LH08060
65				R6F39LH06065	R6F39LH08065
70				R6F39LH06070	R6F39LH08070
75					R6F39LH08075
80					R6F39LH08080

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