



GST NO.: 29AHZPU5620Q1ZZ

An ISO 9001:2015 Certified Company

ROYAL INDUSTRIAL SUPPLIERS

QUALITY FASTENERS SPECIALIST



8310165941 / 9959457863



sales@royalfastenersindia.com



www.royalfastenersindia.com

TECHNICAL DATA SHEET

TORX SOCKET HEAD CAP SCREW



MATERIAL- STAINLESS STEEL

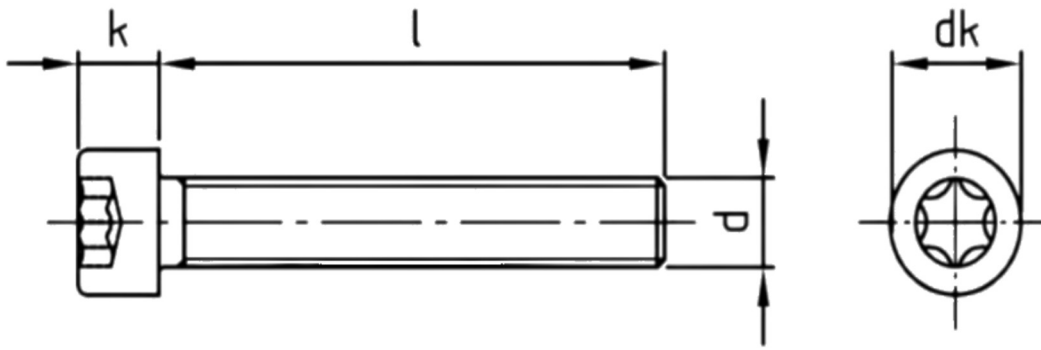
GRADE-SS316 (A4-70)

AS PER-ISO-14579

CATALOGUE NO. R6F39

INSTALLATION GUIDE

- SELECT THE CORRECT SIZE OF TORX SOCKET HEAD CAP SCREW AND MATCHING TORX DRIVER OR BIT (T-SIZE).
- ENSURE THE MATING HOLE OR THREAD IS CLEAN AND FREE FROM DUST, OIL, OR DEBRIS.
- ALIGN THE COMPONENTS OR PARTS TO BE FASTENED IN THE CORRECT POSITION.
- INSERT THE TORX SOCKET HEAD CAP SCREW INTO THE HOLE BY HAND TO START THREADING.
- PLACE THE TORX DRIVER FIRMLY INTO THE STAR-SHAPED RECESS OF THE SCREW HEAD.
- TURN THE DRIVER CLOCKWISE TO TIGHTEN THE SCREW SECURELY.
- APPLY EVEN PRESSURE TO PREVENT CAM-OUT AND ENSURE PROPER ENGAGEMENT.
- USE A TORQUE DRIVER IF SPECIFIC TORQUE VALUES ARE REQUIRED FOR YOUR APPLICATION.
- DO NOT OVERTIGHTEN TO AVOID THREAD DAMAGE OR MATERIAL DEFORMATION.
- INSPECT THE FINAL INSTALLATION TO ENSURE THE TORX SOCKET HEAD CAP SCREW IS PROPERLY SEATED AND SECURE.



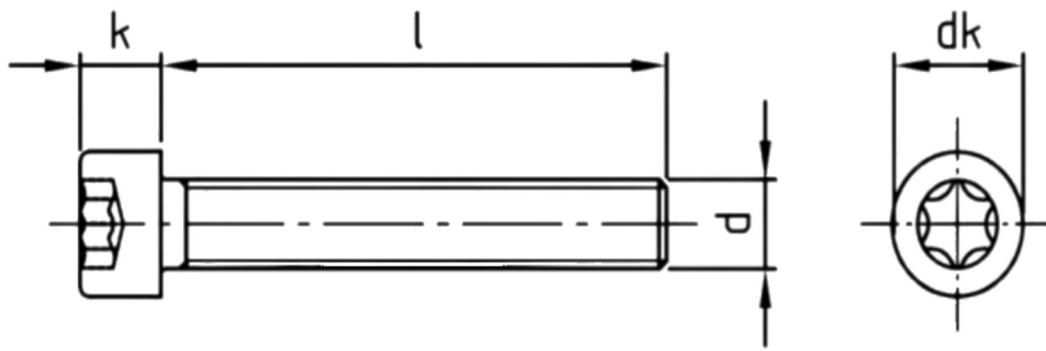
Size d → Parameter ↓	M2x0.4	M2.5x0.45	M3x0.5	M4x0.7
dk Max	3.80	4.50	5.50	7.00
dk Min	3.62	4.32	5.32	6.78
k Max	2.00	2.50	3.00	4.00
k Min	1.86	2.36	2.86	3.82
Drive Bit	T6	T8	T10	T20

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

All Dimensions in mm

Dia d → Length ↓	M2x0.4	M2.5x0.45	M3x0.5	M4x0.7
3	R6F3902003	R6F3920503		
4	R6F3902004	R6F3920504	R6F3903004	
5	R6F3902005	R6F3920505	R6F3903005	R6F3904005
6	R6F3902006	R6F3920506	R6F3903006	R6F3904006
8	R6F3902008	R6F3920508	R6F3903008	R6F3904008
10	R6F3902010	R6F3920510	R6F3903010	R6F3904010
12	R6F3902012	R6F3920512	R6F3903012	R6F3904012
14	R6F3902014	R6F3920514	R6F3903014	R6F3904014
16	R6F3902016	R6F3920516	R6F3903016	R6F3904016
18	R6F3902018	R6F3920518	R6F3903018	R6F3904018
20	R6F3902020	R6F3920520	R6F3903020	R6F3904020
22		R6F3920522	R6F3903022	R6F3904022
25		R6F3920525	R6F3903025	R6F3904025
28			R6F3903028	R6F3904028
30			R6F3903030	R6F3904030

Sizes in BLUE are non-preferred. Availability is limited and MOQ is applied *Data is strictly informative*



Size d → Parameter ↓	M5x0.8	M6x1.0	M8x1.25	M10x1.5
dk Max	8.50	10.00	13.00	16.00
dk Min	8.28	9.78	12.73	15.73
k Max	5.00	6.00	8.00	10.00
k Min	4.82	5.70	7.64	9.64
Drive Bit	T25	T30	T40	T50

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

All Dimensions in mm

Dia d → Length ↓	M5x0.8	M6x1.0	M8x1.25	M10x1.5
6	R6F3905006			
8	R6F3905008	R6F3906008		
10	R6F3905010	R6F3906010	R6F3908010	
12	R6F3905012	R6F3906012	R6F3908012	R6F3910012
14	R6F3905014	R6F3906014	R6F3908014	R6F3910014
16	R6F3905016	R6F3906016	R6F3908016	R6F3910016
18	R6F3905018	R6F3906018	R6F3908018	R6F3901018
20	R6F3905020	R6F3906020	R6F3908020	R6F3910020
22	R6F3905022	R6F3906022	R6F3908022	R6F3910022
28	R6F3905028	R6F3906028	R6F3908028	R6F3910028
25	R6F3905025	R6F3906025	R6F3908025	R6F3910025
30	R6F3905030	R6F3906030	R6F3908030	R6F3910030
35			R6F3908035	R6F3910035
40			R6F3908040	R6F3910040

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