



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

ALLEN SOCKET HEAD CAP SCREW (SHCS)



MATERIAL- STAINLESS STEEL

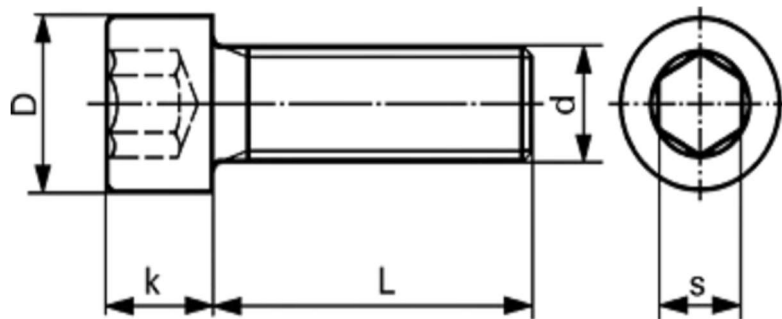
GRADE-SS304 (A2-70)

AS PER-DIN-912

CATALOGUE NO. R4C39

INSTALLATION GUIDE

- SELECT THE CORRECT SIZE OF ALLEN SHCS SCREW AND MATCHING ALLEN KEY/HEX WRENCH.
- CHECK THAT THE MATING HOLE OR THREAD IS CLEAN AND FREE FROM DUST, OIL, OR DEBRIS.
- POSITION THE COMPONENTS TO BE FASTENED IN PROPER ALIGNMENT.
- INSERT THE ALLEN SHCS SCREW INTO THE HOLE OR THREAD BY HAND TO AVOID CROSS THREADING.
- USE THE ALLEN KEY/HEX WRENCH TO TURN THE SCREW CLOCKWISE AND BEGIN TIGHTENING.
- APPLY STEADY FORCE TO ENSURE THE SCREW SEATS EVENLY WITHOUT DAMAGING THE SOCKET.
- DO NOT OVERTIGHTEN TO PREVENT THREAD DAMAGE OR MATERIAL DISTORTION.
- USE A TORQUE WRENCH IF SPECIFIC TORQUE REQUIREMENTS ARE PROVIDED.
- FOR HIGH-STRENGTH OR VIBRATION APPLICATIONS, USE WASHERS OR THREAD LOCKING COMPOUNDS AS NEEDED.
- VERIFY THAT THE ALLEN SHCS SCREW IS FIRMLY SECURED AND FLUSH WITH THE SURFACE.



Note: Head may be plain or knurled

Size →	M1.6x0.35	M2x0.4	M2.5x0.45	M3x0.5	M4x0.7	M5x0.8	M6x1.0
Head dia D	max	3.00	3.80	4.50	5.50	7.00	10.00
	min	2.86	3.62	4.32	5.32	6.78	9.78
Socket A/F s	1.50	1.50	2.00	2.50	3.00	4.00	5.00
Head Height K	max	1.60	2.00	2.50	3.00	4.00	6.00
	min	1.46	1.86	2.36	2.86	3.82	5.70

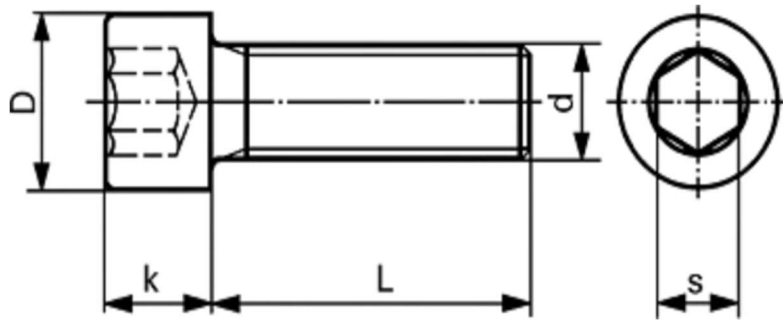
Quote the PART NUMBER given below with your order/ inquiries:

All Dimensions in mm

Length ↓ Dia→	M1.6x0.35	M2x0.4	M2.5x0.45	M3x0.5	M4x0.7	M5x0.8	M6x1.0
3	R4C3910603	R4C3902003	R4C3920503	R4C3903003			
4	R4C3910604	R4C3902004	R4C3920504	R4C3903004	R4C3904004		
5	R4C3910605	R4C3902005	R4C3920505	R4C3903005	R4C3904005	R4C3905005	
6	R4C3910606	R4C3902006	R4C3920506	R4C3903006	R4C3904006	R4C3905006	R4C3906006
8	R4C3910608	R4C3902008	R4C3920508	R4C3903008	R4C3904008	R4C3905008	R4C3906008
10	R4C3910610	R4C3902010	R4C3920510	R4C3903010	R4C3904010	R4C3905010	R4C3906010
12	R4C3910612	R4C3902012	R4C3920512	R4C3903012	R4C3904012	R4C3905012	R4C3906012
14	R4C3910614	R4C3902014	R4C3920514	R4C3903014	R4C3904014	R4C3905014	R4C3906014
16	R4C3910616	R4C3902016	R4C3920516	R4C3903016	R4C3904016	R4C3905016	R4C3906016
18	R4C3910618	R4C3902018	R4C3920518	R4C3903018	R4C3904018	R4C3905018	R4C3906018
20	R4C3910620	R4C3902020	R4C3920520	R4C3903020	R4C3904020	R4C3905020	R4C3906020
22		R4C3902022	R4C3920522	R4C3903022	R4C3904022	R4C3905022	R4C3906022
25		R4C3902025	R4C3920525	R4C3903025	R4C3904025	R4C3905025	R4C3906025
30		R4C3902030	R4C3920530	R4C3903030	R4C3904030	R4C3905030	R4C3906030
35		R4C3902035	R4C3920535	R4C3903035	R4C3904035	R4C3905035	R4C3906035
40		R4C3902040	R4C3920540	R4C3903040	R4C3904040	R4C3905040	R4C3906040
45			R4C3920545	R4C3903045	R4C3904045	R4C3905045	R4C3906045
50			R4C3920550	R4C3903050	R4C3904050	R4C3905050	R4C3906050
55				R4C3903055	R4C3904055	R4C3905055	R4C3906055
60				R4C3903060	R4C3904060	R4C3905060	R4C3906060
65				R4C3903065	R4C3904065	R4C3905065	R4C3906065
70				R4C3903070	R4C3904070	R4C3905070	R4C3906070
75				R4C3903075	R4C3904075	R4C3905075	R4C3906075
80				R4C3903080	R4C3904080	R4C3905080	R4C3906080
90				R4C3903090	R4C3904090	R4C3905090	R4C3906090
100				R4C3903100	R4C3904100	R4C3905100	R4C3906100
110						R4C3905110	R4C3906110
120						R4C3905120	R4C3906120
130						R4C3905130	R4C3906130
150						R4C3905150	R4C3906150

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 →		M8x1.25	M10x1.5	M12x1.75	M14x2.0	M16x2.0	M18x2.5	M20x2.5
Head dia D	max	13.00	16.00	18.00	21.00	24.00	27.00	30.00
	min	12.73	15.73	17.73	20.67	23.67	26.67	29.67
Socket A/F s		6.00	8.00	10.00	12.00	14.00	14.00	17.00
Head Height K	max	8.00	10.00	12.00	14.00	16.00	18.00	20.00
	min	7.64	9.64	11.57	13.57	15.57	17.57	19.48

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

All Dimensions in mm

Dia→ Length ↓	M8x1.25	M10x1.5	M12x1.75	M14x2.0	M16x2.0	M18x2.5	M20x2.5
10	R4C3908010						
12	R4C3908012	R4C3910012					
14	R4C3908014	R4C3910014					
16	R4C3908016	R4C3910016	R4C3912016				
18	R4C3908018	R4C3910018	R4C3912018				
20	R4C3908020	R4C3910020	R4C3912020	R4C3914020	R4C3916020		
22	R4C3908022	R4C3910022	R4C3912022	R4C3914022			
25	R4C3908025	R4C3910025	R4C3912025	R4C3914025	R4C3916025		
30	R4C3908030	R4C3910030	R4C3912030	R4C3914030	R4C3916030	R4C3918030	R4C3920030
35	R4C3908035	R4C3910035	R4C3912035	R4C3914035	R4C3916035	R4C3918035	R4C3920035
40	R4C3908040	R4C3910040	R4C3912040	R4C3914040	R4C3916040	R4C3918040	R4C3920040
45	R4C3908045	R4C3910045	R4C3912045	R4C3914045	R4C3916045	R4C3918045	R4C3920045
50	R4C3908050	R4C3910050	R4C3912050	R4C3914050	R4C3916050	R4C3918050	R4C3920050
55	R4C3908055	R4C3910055	R4C3912055	R4C3914055	R4C3916055	R4C3918055	R4C3920055
60	R4C3908060	R4C3910060	R4C3912060	R4C3914060	R4C3916060	R4C3918060	R4C3920060
65	R4C3908065	R4C3910065	R4C3912065	R4C3914065	R4C3916065	R4C3918065	R4C3920065
70	R4C3908070	R4C3910070	R4C3912070	R4C3914070	R4C3916070	R4C3918070	R4C3920070
75	R4C3908075	R4C3910075	R4C3912075	R4C3914075	R4C3916075	R4C3918075	R4C3920075
80	R4C3908080	R4C3910080	R4C3912080	R4C3914080	R4C3916080	R4C3918080	R4C3920080
90	R4C3908090	R4C3910090	R4C3912090	R4C3914090	R4C3916090	R4C3918090	R4C3920090
100	R4C3908100	R4C3910100	R4C3912100	R4C3914100	R4C3916100	R4C3918100	R4C3920100
110	R4C3908110	R4C3910110	R4C3912110	R4C3914110	R4C3916110	R4C3918110	R4C3920110
120	R4C3908120	R4C3910120	R4C3912120	R4C3914120	R4C3916120	R4C3918120	R4C3920120
130	R4C3908130	R4C3910130	R4C3912130	R4C3914130	R4C3916130	R4C3918130	R4C3920130
140	R4C3908140	R4C3910140	R4C3912140	R4C3914140	R4C3916140	R4C3918140	R4C3920140
150	R4C3908150	R4C3910150	R4C3912150	R4C3914150	R4C3916150	R4C3918150	R4C3920150

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