GST NO.: 29AHZPU5620Q1ZZ

An ISO 9001:2015 Certified Company

ROYAL INDUSTRIAL SUPPLIERS

QUALITY FASTENERS SPECIALIST

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TECHNICAL DATA SHEET

ALLEN GRUB SCREW FLAT POINT



MATERIAL- STAINLESS STEEL

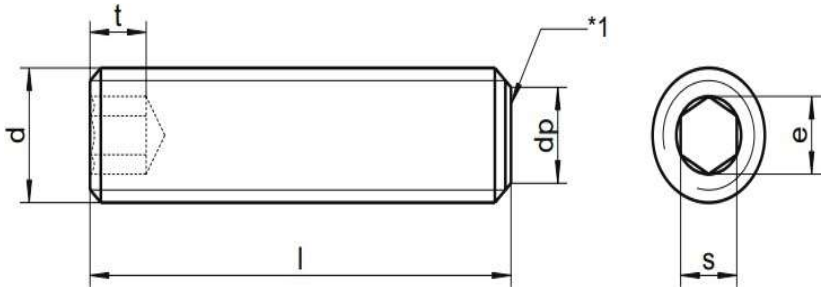
GRADE-SS304 (A2-70)

AS PER-DIN-913 OR ISO-4026

CATALOGUE NO. R4C41

INSTALLATION GUIDE

- **SELECT THE CORRECT SIZE OF ALLEN GRUB SCREW FLAT POINT AND MATCHING ALLEN (HEX) KEY OR DRIVER.**
- **ENSURE THE THREADED HOLE OR MATING COMPONENT IS CLEAN AND FREE FROM OIL, DUST, OR DEBRIS.**
- **ALIGN THE SHAFT, COLLAR, OR COMPONENT IN THE CORRECT POSITION BEFORE INSTALLATION.**
- **INSERT THE GRUB SCREW INTO THE THREADED HOLE BY HAND TO START THREADING PROPERLY.**
- **PLACE THE ALLEN KEY FIRMLY INTO THE HEX SOCKET OF THE GRUB SCREW.**
- **TURN THE DRIVER CLOCKWISE TO TIGHTEN THE SCREW EVENLY AND SECURELY.**
- **APPLY CONTROLLED TORQUE TO ENSURE THE FLAT POINT MAKES FULL CONTACT WITH THE MATING SURFACE.**
- **ENSURE THE GRUB SCREW SITS FLUSH OR SLIGHTLY BELOW THE SURFACE AFTER INSTALLATION.**
- **DO NOT OVERTIGHTEN TO AVOID THREAD STRIPPING OR DAMAGE TO THE COMPONENT SURFACE.**
- **USE THREAD-LOCKING ADHESIVE IF REQUIRED FOR VIBRATION RESISTANCE OR PERMANENT FIXING.**
- **VERIFY THAT THE COMPONENT IS FIRMLY LOCKED AND THERE IS NO UNWANTED MOVEMENT AFTER INSTALLATION.**



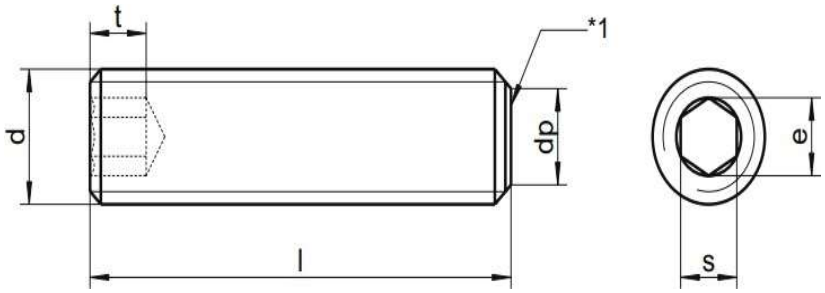
Parameter↓ Size→		M1.6x0.35	M2 x 0.4	M2.5 x 0.45	M3 x 0.5	M4 x 0.7	M5 x 0.8
end Dia dp	max	0.80	1.00	1.50	2.00	2.50	3.50
	min	0.55	0.75	1.25	1.75	2.25	3.20
socket depth t	min	0.70	0.80	1.20	1.20	1.50	2.00
	max	1.50	1.70	2.00	2.00	2.50	3.00
key size s	min	0.711	0.889	1.270	1.520	2.020	2.520
	max	0.724	0.902	1.295	1.545	2.045	2.560
e min	min	0.803	1.003	1.427	1.730	2.300	2.870

Quote the PART NUMBER given below with your order/ inquiries: All Dimensions in mm

Length↓ Size→	M1.6x0.35	M2 x 0.4	M2.5 x 0.45	M3 x 0.5	M4 x 0.7	M5 x 0.8
2	R4C4110602	R4C4102002				
3	R4C4110603	R4C4102003	R4C4120503	R4C4103003	R4C4104003	
4	R4C4110604	R4C4102004	R4C4103004	R4C4103004	R4C4104004	R4C4105004
5	R4C4110605	R4C4102005	R4C4120505	R4C4103005	R4C4104005	R4C4105005
6	R4C4110606	R4C4102006	R4C4120506	R4C4103006	R4C4104006	R4C4105006
8	R4C4110608	R4C4102008	R4C4120508	R4C4103008	R4C4104008	R4C4105008
10	R4C4110610	R4C4102010	R4C4120510	R4C4103010	R4C4104010	R4C4105010
12	R4C4110612	R4C4102012	R4C4120512	R4C4103012	R4C4104012	R4C4105012
14		R4C4102014	R4C4120514	R4C4103014	R4C4104014	R4C4105014
16		R4C4102016	R4C4120516	R4C4103016	R4C4104016	R4C4105016
18				R4C4103018	R4C4104018	R4C4105018
20				R4C4103020	R4C4104020	R4C4105020
25				R4C4103025	R4C4104025	R4C4105025
30				R4C4103030	R4C4104030	R4C4105030
35				R4C4103035	R4C4104035	R4C4105035
40				R4C4103040	R4C4104040	R4C4105040
45					R4C4104045	R4C4105045
50					R4C4104050	R4C4105050
55						R4C4105055
60						R4C4105060

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



Parameter↓ Size→		M6 x 1.0	M8 x 1.25	M10 x 1.5	M12 x 1.75	M16 x 2.0	M20 x 2.5
end Dia dp	max	4.00	5.50	7.00	8.50	12.00	15.00
	min	3.70	5.20	6.64	8.14	11.57	14.57
socket depth t	min	2.00	3.00	4.00	4.80	6.40	8.00
	max	3.50	5.00	6.00	8.00	10.00	12.00
key size s	min	3.020	4.020	5.020	6.020	8.025	10.025
	max	3.080	4.095	5.095	6.095	8.115	10.115
e min	min	3.440	4.580	5.720	6.860	9.150	11.430

Quote the PART NUMBER given below with your order/ inquiries: All Dimensions in mm

Length↓ Size→	M6 x 1.0	M8 x 1.25	M10 x 1.5	M12 x 1.75	M16 x 2.0	M20 x 2.5
5	R4C4106005					
6	R4C4106006	R4C4108006	R4C4110006			
8	R4C4106008	R4C4108008	R4C4110008	R4C4112008		
10	R4C4106010	R4C4108010	R4C4110010	R4C4112010		
12	R4C4106012	R4C4108012	R4C4110012	R4C4112012		
14	R4C4106014	R4C4108014	R4C4110014	R4C4112014	R4C4116014	
16	R4C4106016	R4C4108016	R4C4110016	R4C4112016	R4C4116016	
18	R4C4106018	R4C4108018	R4C4110018	R4C4112018	R4C4116018	
20	R4C4106020	R4C4108020	R4C4110020	R4C4112020	R4C4116020	R4C4120020
25	R4C4106025	R4C4108025	R4C4110025	R4C4112025	R4C4116025	R4C4120025
30	R4C4106030	R4C4108030	R4C4110030	R4C4112030	R4C4116030	R4C4120030
35	R4C4106035	R4C4108035	R4C4110035	R4C4112035	R4C4116035	R4C4120035
40	R4C4106040	R4C4108040	R4C4110040	R4C4112040	R4C4116040	R4C4120040
45	R4C4106045	R4C4108045	R4C4110045	R4C4112045	R4C4116045	R4C4120045
50	R4C4106050	R4C4108050	R4C4110050	R4C4112050	R4C4116050	R4C4120050
55	R4C4106055	R4C4108055	R4C4110055	R4C4112055	R4C4116055	R4C4120055
60	R4C4106060	R4C4108060	R4C4110060	R4C4112060	R4C4116060	R4C4120060
70	R4C4106070	R4C4108070	R4C4110070	R4C4112070	R4C4116070	R4C4120070
80	R4C4106080	R4C4108080	R4C4110080	R4C4112080	R4C4116080	R4C4120080
90		R4C4108090	R4C4110090	R4C4112090	R4C4116090	R4C4120090
100		R4C4108100	R4C4110100	R4C4112100	R4C4116100	R4C4120100
120		R4C4108120	R4C4110120	R4C4112120		

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