



GST NO.: 29AHZPU5620Q1ZZ

An ISO 9001:2015 Certified Company

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QUALITY FASTENERS SPECIALIST



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TECHNICAL DATA SHEET

ALLEN GRUB SCREW CUP POINT



MATERIAL- STAINLESS STEEL

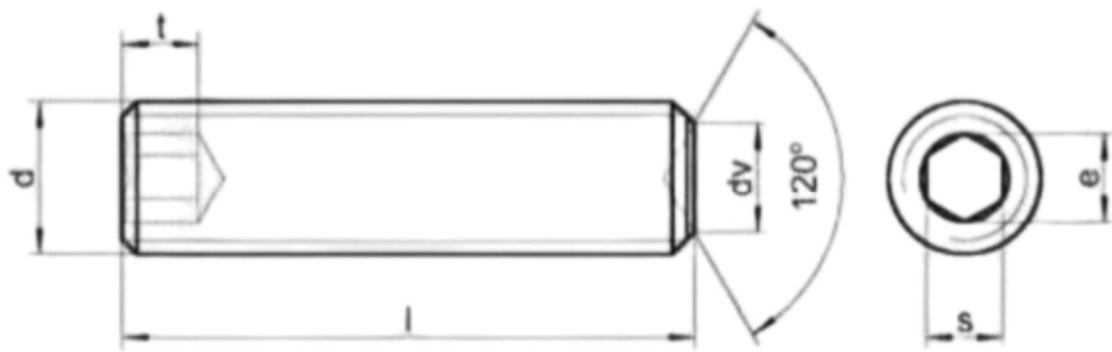
GRADE-SS304 (A2-70)

AS PER- DIN-916 OR ISO-4029

CATALOGUE NO. R4C40

INSTALLATION GUIDE

- SELECT THE CORRECT SIZE OF ALLEN GRUB SCREW CUP POINT AND MATCHING ALLEN (HEX) KEY OR DRIVER.
- ENSURE THE MATING HOLE OR THREADED COMPONENT IS CLEAN AND FREE FROM DUST, OIL, OR DEBRIS.
- ALIGN THE COMPONENTS OR SHAFT AND HUB ACCURATELY BEFORE INSTALLATION.
- INSERT THE GRUB SCREW INTO THE THREADED HOLE BY HAND TO START THREADING.
- PLACE THE ALLEN KEY OR DRIVER FIRMLY INTO THE HEX SOCKET OF THE GRUB SCREW.
- TURN THE DRIVER CLOCKWISE TO TIGHTEN THE SCREW SECURELY.
- APPLY STEADY AND CONTROLLED TORQUE TO ALLOW THE CUP POINT TO BITE INTO THE MATING SURFACE.
- ENSURE THE GRUB SCREW IS FLUSH OR SLIGHTLY BELOW THE SURFACE AFTER INSTALLATION.
- AVOID OVERTIGHTENING TO PREVENT THREAD DAMAGE OR DEFORMATION OF THE SHAFT SURFACE.
- IF REQUIRED, USE THREAD-LOCKING ADHESIVE FOR VIBRATION RESISTANCE AND LONG-TERM SECURITY.
- VERIFY THAT THE GRUB SCREW FIRMLY HOLDS THE COMPONENT IN PLACE WITHOUT ANY MOVEMENT.



Parameter↓	Thread Size d→	M1.6x0.35	M2x0.4	M2.5x0.45	M3x0.5	M4x0.7	M5x0.8
dv Cup Dia	Max	0.80	1.00	1.20	1.40	2.00	2.50
	Min	0.55	0.75	0.95	1.15	1.75	2.25
t (Socket Depth)	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		0.70	0.90	1.30	1.50	2.00	2.50
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	0.803	1.003	1.427	1.730	2.300	2.870

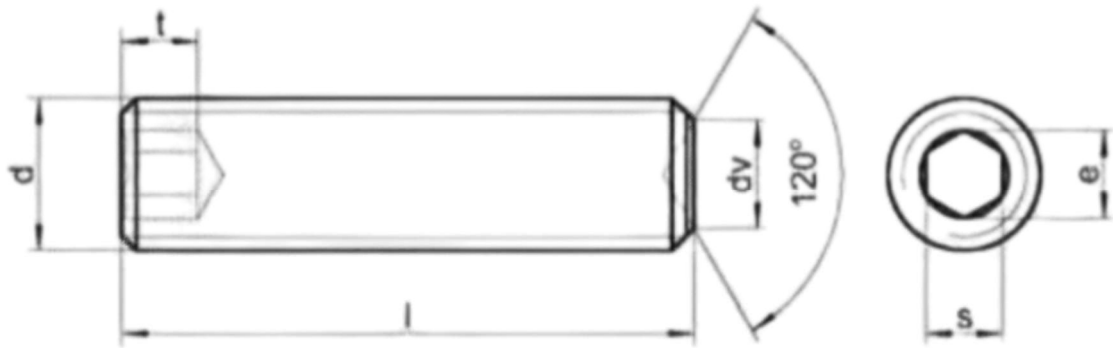
Quote the PART NUMBER given below with your order/ inquiries:

All Dimensions in mm

Length ↓	Dia→	M1.6x0.35	M2x0.4	M2.5x0.45	M3x0.5	M4x0.7	M5x0.8
2		R4C4010602	R4C4002002				
3		R4C4010603	R4C4002003	R4C4020503	R4C4003003	R4C4004003	
4		R4C4010604	R4C4002004	R4C4020504	R4C4003004	R4C4004004	R4C4005004
5		R4C4010605	R4C4002005	R4C4020505	R4C4003005	R4C4004005	R4C4005005
6		R4C4010606	R4C4002006	R4C4020506	R4C4003006	R4C4004006	R4C4005006
8		R4C4010608	R4C4002008	R4C4020508	R4C4003008	R4C4004008	R4C4005008
10		R4C4010610	R4C4002010	R4C4020510	R4C4003010	R4C4004010	R4C4005010
12		R4C4010612	R4C4002012	R4C4020512	R4C4003012	R4C4004012	R4C4005012
14			R4C4002014	R4C4020514	R4C4003014	R4C4004014	R4C4005014
16			R4C4002016	R4C4020516	R4C4003016	R4C4004016	R4C4005016
18			R4C4002018	R4C4020518	R4C4003018	R4C4004018	R4C4005018
20					R4C4003020	R4C4004020	R4C4005020
25					R4C4003025	R4C4004025	R4C4005025
30					R4C4003030	R4C4004030	R4C4005030
35					R4C4003035	R4C4004035	R4C4005035
40					R4C4003040	R4C4004040	R4C4005040
45						R4C4004045	R4C4005045
50						R4C4004050	R4C4005050
55							R4C4005055
60							R4C4005060

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↓	Thread Size d→	M6x1.0	M8x1.25	M10x1.5	M12x1.75	M16x2.0	M20x2.5
dv Cup Dia	Max	3.00	5.00	6.00	8.00	10.00	14.00
	Min	2.75	4.70	5.70	7.64	9.64	13.57
t (Socket Depth)	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		3.00	4.00	5.00	6.00	8.00	10.00
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	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 ↓	Dia→	M6x1.0	M8x1.25	M10x1.5	M12x1.75	M16x2.0	M20x2.5
5		R4C4006005					
6		R4C4006006	R4C4008006				
8		R4C4006008	R4C4008008	R4C4010008			
10		R4C4006010	R4C4008010	R4C4010010	R4C4012010		
12		R4C4006012	R4C4008012	R4C4010012	R4C4012012		
14		R4C4006014	R4C4008014	R4C4010014	R4C4012014	R4C4016014	
16		R4C4006016	R4C4008016	R4C4010016	R4C4012016	R4C4016016	
18		R4C4006018	R4C4008018	R4C4010018	R4C4012018	R4C4016018	
20		R4C4006020	R4C4008020	R4C4010020	R4C4012020	R4C4016020	R4C4020020
25		R4C4006025	R4C4008025	R4C4010025	R4C4012025	R4C4016025	R4C4020025
30		R4C4006030	R4C4008030	R4C4010030	R4C4012030	R4C4016030	R4C4020030
35		R4C4006035	R4C4008035	R4C4010035	R4C4012035	R4C4016035	R4C4020035
40		R4C4006040	R4C4008040	R4C4010040	R4C4012040	R4C4016040	R4C4020040
45		R4C4006045	R4C4008045	R4C4010045	R4C4012045	R4C4016045	R4C4020045
50		R4C4006050	R4C4008050	R4C4010050	R4C4012050	R4C4016050	R4C4020050
55		R4C4006055	R4C4008055	R4C4010055	R4C4012055	R4C4016055	R4C4020055
60		R4C4006060	R4C4008060	R4C4010060	R4C4012060	R4C4016060	R4C4020060
70		R4C4006070	R4C4008070	R4C4010070	R4C4012070	R4C4016070	R4C4020070
80		R4C4006080	R4C4008080	R4C4010080	R4C4012080	R4C4016080	R4C4020080
90			R4C4008090	R4C4010090	R4C4012090	R4C4016090	R4C4020090
100			R4C4008100	R4C4010100	R4C4012100	R4C4016100	R4C4020100

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