



GST NO.: 29AHZPU5620Q1ZZ

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TECHNICAL DATA SHEET

ALLEN GRUB SCREW CONE POINT



MATERIAL- STAINLESS STEEL

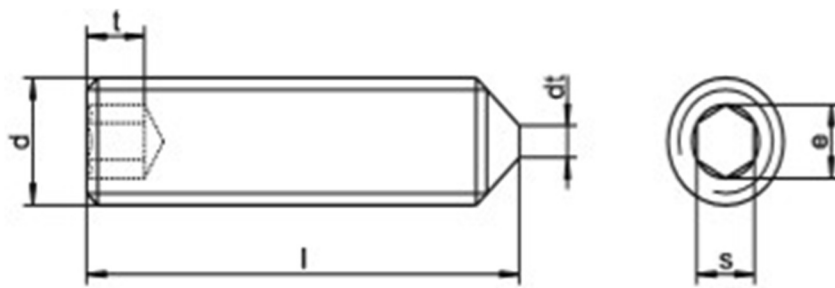
GRADE-SS304 (A2-70)

AS PER-DIN-914 OR ISO-4027

CATALOGUE NO. R4C48

INSTALLATION GUIDE

- SELECT THE CORRECT SIZE OF ALLEN GRUB SCREW CONE POINT AND MATCHING ALLEN (HEX) KEY OR DRIVER.
- ENSURE THE THREADED HOLE OR MATING COMPONENT IS CLEAN AND FREE FROM DUST, OIL, 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 GRADUALLY AND EVENLY.
- APPLY CONTROLLED TORQUE TO ALLOW THE CONE POINT TO PENETRATE OR LOCATE SECURELY INTO THE MATING SURFACE.
- ENSURE THE GRUB SCREW IS FLUSH OR SLIGHTLY BELOW THE SURFACE AFTER INSTALLATION.
- DO NOT OVERTIGHTEN TO AVOID DAMAGING THE MATING PART OR STRIPPING THE THREADS.
- USE THREAD-LOCKING ADHESIVE IF REQUIRED FOR VIBRATION RESISTANCE OR PERMANENT FIXING.
- VERIFY THAT THE GRUB SCREW FIRMLY SECURES THE COMPONENT AND PREVENTS ANY ROTATIONAL MOVEMENT.



Note: Cone angle is 120° for lengths above the thick line and 90° for longer lengths

Parameter↓ Size→	M1.6x0.35	M2x0.4	M2.5x0.45	M3x0.5	M4x0.7	M5x0.8
Cone end dt	max	-	-	-	-	-
	min	-	-	-	-	-
t Socket depth	min	0.70	0.80	1.20	1.20	1.50
	max	1.50	1.70	2.00	2.00	2.50
Key size s	min	0.711	0.889	1.270	1.520	2.020
	max	0.724	0.902	1.295	1.545	2.045
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

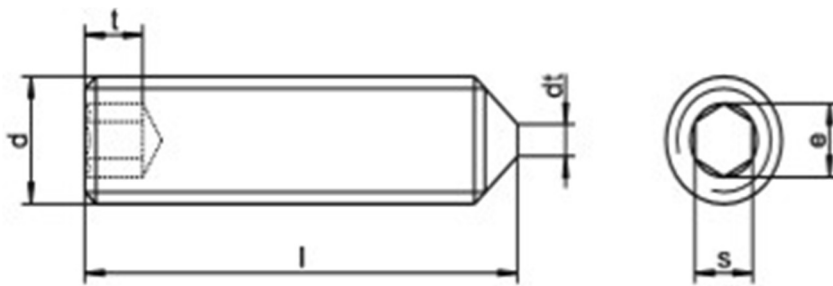
Size → Length↓	M1.6x0.35	M2x0.4	M2.5x0.45	M3x0.5	M4x0.7	M5x0.8
2	R4C4810602	R4C4802002				
3	R4C4810603	R4C4802003	R4C4820503	R4C4803003	R4C4804003	
4	R4C4810604	R4C4802004	R4C4820504	R4C4803004	R4C4804004	R4C4805004
5	R4C4810605	R4C4802005	R4C4820505	R4C4803005	R4C4804005	R4C4805005
6	R4C4810606	R4C4802006	R4C4820506	R4C4803006	R4C4804006	R4C4805006
8	R4C4810608	R4C4802008	R4C4820508	R4C4803008	R4C4804008	R4C4805008
10	R4C4810610	R4C4802010	R4C4820510	R4C4803010	R4C4804010	R4C4805010
12	R4C4810612	R4C4802012	R4C4820512	R4C4803012	R4C4804012	R4C4805012
14		R4C4802014	R4C4820514	R4C4803014	R4C4804014	R4C4805014
16		R4C4802016	R4C4820516	R4C4803016	R4C4804016	R4C4805016
18				R4C4803018	R4C4804018	R4C4805018
20				R4C4803020	R4C4804020	R4C4805020
25				R4C4803025	R4C4804025	R4C4805025
30				R4C4803030	R4C4804030	R4C4805030
35					R4C4804035	R4C4805035
40					R4C4804040	R4C4805040
45					R4C4804045	R4C4805045
50					R4C4804050	R4C4805050
55						R4C4805055
60						R4C4805060

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: Cone angle is 120° for lengths above the thick line and 90° for longer lengths

Parameter↓ Size→		M6x1.0	M8x1.25	M10x1.5	M12x1.75	M16x2.0	M20x2.5
Cone end dt	max	1.50	2.00	2.50	3.00	4.00	5.00
	min	0.90	1.40	1.90	2.40	3.25	4.25
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 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

Size → Length↓	M6x1.0	M8x1.25	M10x1.5	M12x1.75	M16x2.0	M20x2.5
6	R4C4806006	R4C4808006				
8	R4C4806008	R4C4808008				
10	R4C4806010	R4C4808010	R4C4810010	R4C4812010		
12	R4C4806012	R4C4808012	R4C4810012	R4C4812012		
14	R4C4806014	R4C4808014	R4C4810014	R4C4812014	R4C4816014	
16	R4C4806016	R4C4808016	R4C4810016	R4C4812016	R4C4816016	
18	R4C4806018	R4C4808018	R4C4810018	R4C4812018	R4C4816018	
20	R4C4806020	R4C4808020	R4C4810020	R4C4812020	R4C4816020	R4C4820020
25	R4C4806025	R4C4808025	R4C4810025	R4C4812025	R4C4816025	R4C4820025
30	R4C4806030	R4C4808030	R4C4810030	R4C4812030	R4C4816030	R4C4820030
35	R4C4806035	R4C4808035	R4C4810035	R4C4812035	R4C4816035	R4C4820035
40	R4C4806040	R4C4808040	R4C4810040	R4C4812040	R4C4816040	R4C4820040
45	R4C4806045	R4C4808045	R4C4810045	R4C4812045	R4C4816045	R4C4820045
50	R4C4806050	R4C4808050	R4C4810050	R4C4812050	R4C4816050	R4C4820050
55	R4C4806055	R4C4808055	R4C4810055	R4C4812055	R4C4816055	R4C4820055
60	R4C4806060	R4C4808060	R4C4810060	R4C4812060	R4C4816060	R4C4820060
70		R4C4808070	R4C4810070	R4C4812070	R4C4816070	R4C4820070
80		R4C4808080	R4C4810080	R4C4812080	R4C4816080	R4C4820080
90				R4C4812090	R4C4816090	R4C4820090
100					R4C4816100	R4C4820100

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