



GST NO.: 29AHZPU5620Q1ZZ

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QUALITY FASTENERS SPECIALIST



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TECHNICAL DATA SHEET

ALLEN GRUB SCREW CONE POINT SLOTTED



MATERIAL- STAINLESS STEEL

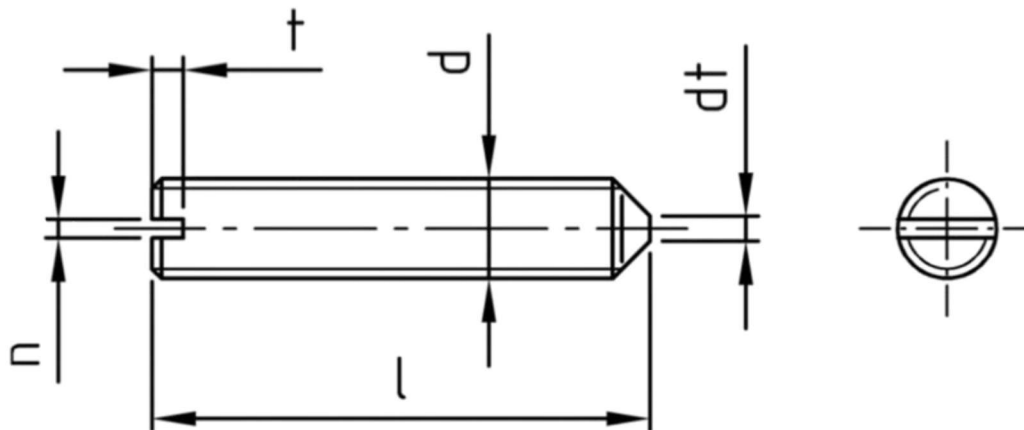
GRADE-SS304 (A2-70)

AS PER-DIN-553

CATALOGUE NO. R4B48

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.



Size→ Parameter↓	M1.6x0.35	M2x0.4	M2.5x0.45	M3x0.5	M4x0.7
Cone end dt max	0.16	0.20	0.25	0.30	0.40
t Nom	0.56	0.64	0.72	0.80	1.12
n Nom	0.25	0.25	0.40	0.40	0.60

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

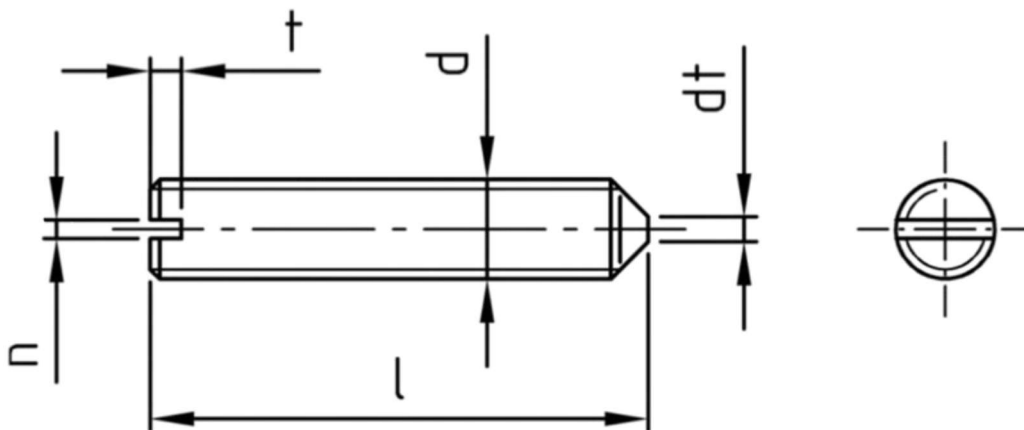
All Dimensions in mm

Size→ Length↓	M1.6x0.35	M2x0.4	M2.5x0.45	M3x0.5	M4x0.7
2	R4B4810602	R4B4802002			
3	R4B4810603	R4B4802003	R4B4820503	R4B4803003	
4	R4B4810604	R4B4802004	R4B4803004	R4B4803004	R4B4804004
5	R4B4810605	R4B4802005	R4B4820505	R4B4803005	R4B4804005
6	R4B4810606	R4B4802006	R4B4820506	R4B4803006	R4B4804006
8	R4B4810608	R4B4802008	R4B4820508	R4B4803008	R4B4804008
10	R4B4810610	R4B4802010	R4B4820510	R4B4803010	R4B4804010
12		R4B4802012	R4B4820512	R4B4803012	R4B4804012
16		R4B4802016	R4B4820516	R4B4803016	R4B4804016
18				R4B4803018	R4B4804018
20				R4B4803020	R4B4804020
25					R4B4804025
30					R4B4804030

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



Size→ Parameter↓	M5x0.8	M6x1.0	M8x1.25	M10x1.5	M12x1.75
Cone end dt max	0.50	1.50	2.00	2.50	3.00
t Nom	1.28	1.60	2.00	2.40	2.80
n Nom	0.80	1.00	1.20	1.60	2.00

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

All Dimensions in mm

Size→ Length↓	M5x0.8	M6x1.0	M8x1.25	M10x1.5	M12x1.75
5	R4B4805005				
6	R4B4805006	R4B4806006			
8	R4B4805008	R4B4806008	R4B4808008		
10	R4B4805010	R4B4806010	R4B4808010	R4B4810010	
12	R4B4805012	R4B4806012	R4B4808012	R4B4810012	
16	R4B4805016	R4B4806016	R4B4808016	R4B4810016	
18	R4B4805018	R4B4806018	R4B4808018	R4B4810018	
20	R4B4805020	R4B4806020	R4B4808020	R4B4810020	
25	R4B4805025	R4B4806025	R4B4808025	R4B4810025	R4B4812025
30	R4B4805030	R4B4806030	R4B4808030	R4B4810030	R4B4812030
35		R4B4806035	R4B4808035	R4B4810035	
40		R4B4806040	R4B4808040	R4B4810040	
45			R4B4808045	R4B4810045	
50			R4B4808050	R4B4810050	
55			R4B4808055	R4B4810055	
60			R4B4808060	R4B4810060	

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Refer: ISO 3506-2 Annex F