



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

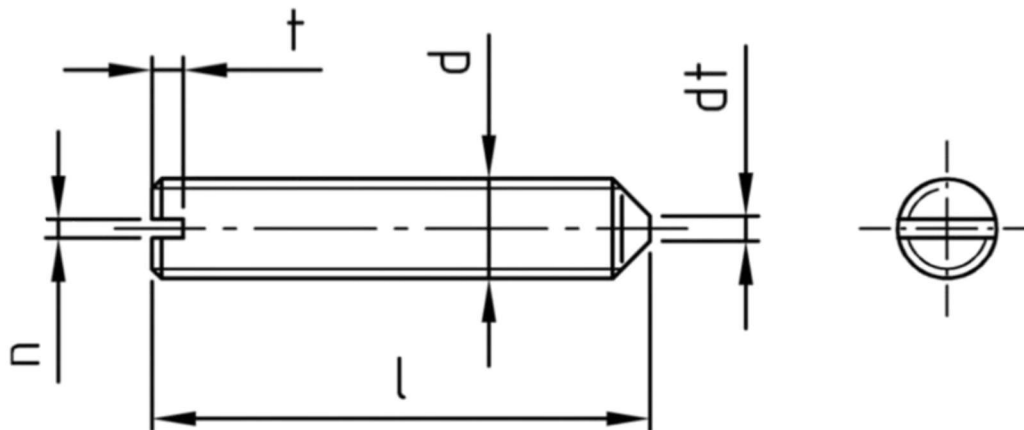
GRADE-SS316 (A4-70)

AS PER-DIN-553

CATALOGUE NO. R6B48

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:

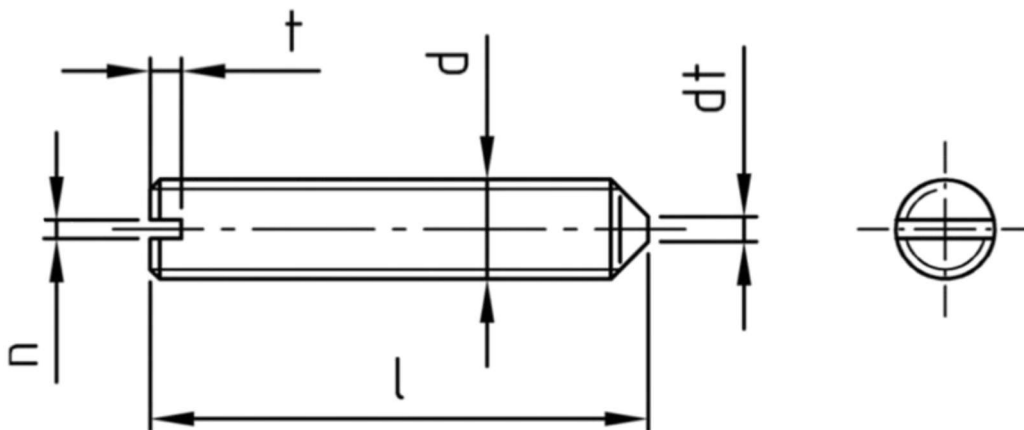
All Dimensions in mm

Size→ Length↓	M1.6x0.35	M2x0.4	M2.5x0.45	M3x0.5	M4x0.7
2	R6B4810602	R6B4802002			
3	R6B4810603	R6B4802003	R6B4820503	R6B4803003	
4	R6B4810604	R6B4802004	R6B4803004	R6B4803004	R6B4804004
5	R6B4810605	R6B4802005	R6B4820505	R6B4803005	R6B4804005
6	R6B4810606	R6B4802006	R6B4820506	R6B4803006	R6B4804006
8	R6B4810608	R6B4802008	R6B4820508	R6B4803008	R6B4804008
10	R6B4810610	R6B4802010	R6B4820510	R6B4803010	R6B4804010
12		R6B4802012	R6B4820512	R6B4803012	R6B4804012
16		R6B4802016	R6B4820516	R6B4803016	R6B4804016
18				R6B4803018	R6B4804018
20				R6B4803020	R6B4804020
25					R6B4804025
30					R6B4804030

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	R6B4805005				
6	R6B4805006	R6B4806006			
8	R6B4805008	R6B4806008	R6B4808008		
10	R6B4805010	R6B4806010	R6B4808010	R6B4810010	
12	R6B4805012	R6B4806012	R6B4808012	R6B4810012	
16	R6B4805016	R6B4806016	R6B4808016	R6B4810016	
18	R6B4805018	R6B4806018	R6B4808018	R6B4810018	
20	R6B4805020	R6B4806020	R6B4808020	R6B4810020	
25	R6B4805025	R6B4806025	R6B4808025	R6B4810025	R6B4812025
30	R6B4805030	R6B4806030	R6B4808030	R6B4810030	R6B4812030
35		R6B4806035	R6B4808035	R6B4810035	
40		R6B4806040	R6B4808040	R6B4810040	
45			R6B4808045	R6B4810045	
50			R6B4808050	R6B4810050	
55			R6B4808055	R6B4810055	
60			R6B4808060	R6B4810060	

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Refer: ISO 3506-2 Annex F