



GST NO.: 29AHZPU5620Q1ZZ

An ISO 9001:2015 Certified Company

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TECHNICAL DATA SHEET

SLOTTED GRUB SCREW FLAT POINT



MATERIAL- STAINLESS STEEL

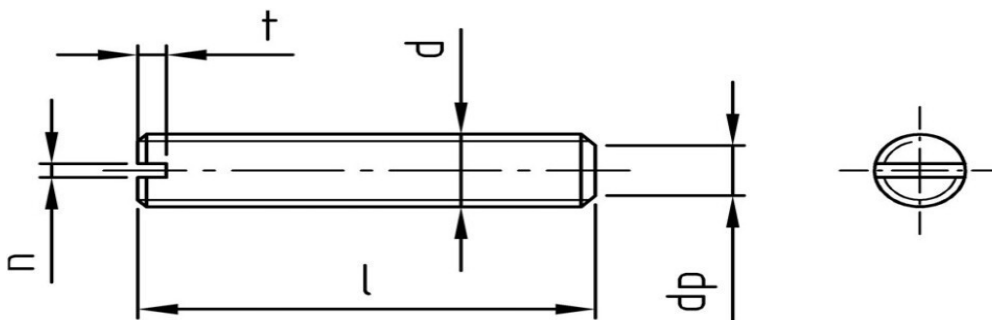
GRADE-SS316 (A4-70)

AS PER-DIN-551

CATALOGUE NO. R6B41

INSTALLATION GUIDE

- SELECT THE CORRECT SIZE OF SLOTTED GRUB SCREW FLAT POINT AND MATCH THE SLOT OR 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
End dia dP	max	0.80	1.00	1.50	2.00	2.50
	min	0.55	0.75	1.25	1.75	2.25
Slot depth t	min	0.56	0.64	0.72	0.80	1.12
	max	0.74	0.84	0.95	1.05	1.42
Slot width n nom		0.25	0.25	0.40	0.40	0.60

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

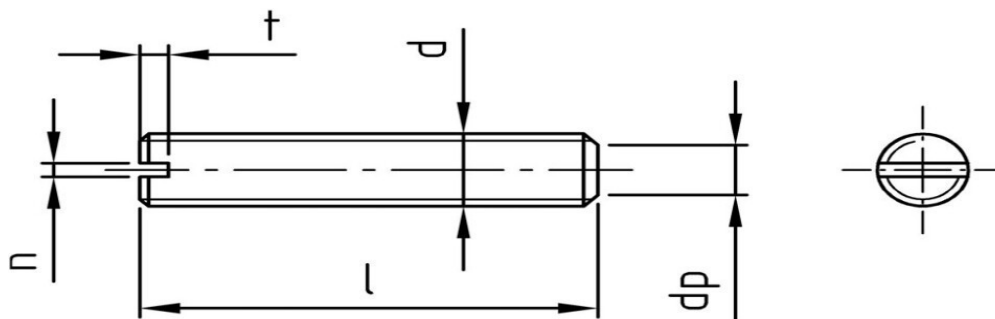
All Dimensions in mm

Length↓ Size→	M1.6x0.35	M2 x 0.4	M2.5 x 0.45	M3 x 0.5	M4 x 0.7
2	R6B4110602	R6B4102002			
3	R6B4110603	R6B4102003	R6B4120503	R6B4103003	
4	R6B4110604	R6B4102004	R6B4103004	R6B4103004	R6B4104004
5	R6B4110605	R6B4102005	R6B4120505	R6B4103005	R6B4104005
6	R6B4110606	R6B4102006	R6B4120506	R6B4103006	R6B4104006
8	R6B4110608	R6B4102008	R6B4120508	R6B4103008	R6B4104008
10	R6B4110610	R6B4102010	R6B4120510	R6B4103010	R6B4104010
12	R6B4110612	R6B4102012	R6B4120512	R6B4103012	R6B4104012
16		R6B4102016	R6B4120516	R6B4103016	R6B4104016
18				R6B4103018	R6B4104018
20				R6B4103020	R6B4104020
25				R6B4103025	R6B4104025
30				R6B4103030	R6B4104030
35					R6B4104035
40					R6B4104040

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→		M5 x 0.8	M6 x 1.0	M8 x 1.25	M10 x 1.5	M12 x 1.75
End dia dP	max	3.50	4.00	5.50	7.00	8.50
	min	3.20	3.70	5.20	6.64	8.14
Slot depth t	min	1.28	1.60	2.00	2.40	2.80
	max	1.63	2.00	2.50	3.00	3.60
Slot width 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

Length↓ Size→	M5 x 0.8	M6 x 1.0	M8 x 1.25	M10 x 1.5	M12 x 1.75
5	R6B4105005				
6	R6B4105006	R6B4106006			
8	R6B4105008	R6B4106008	R6B4108008		
10	R6B4105010	R6B4106010	R6B4108010	R6B4110010	
12	R6B4105012	R6B4106012	R6B4108012	R6B4110012	R6B4112012
16	R6B4105016	R6B4106016	R6B4108016	R6B4110016	R6B4112016
18	R6B4105018	R6B4106018	R6B4108018	R6B4110018	R6B4112018
20	R6B4105020	R6B4106020	R6B4108020	R6B4110020	R6B4112020
25	R6B4105025	R6B4106025	R6B4108025	R6B4110025	R6B4112025
30	R6B4105030	R6B4106030	R6B4108030	R6B4110030	R6B4112030
35	R6B4105035	R6B4106035	R6B4108035	R6B4110035	R6B4112035
40	R6B4105040	R6B4106040	R6B4108040	R6B4110040	R6B4112040
45	R6B4105045	R6B4106045	R6B4108045	R6B4110045	R6B4112045
50	R6B4105050	R6B4106050	R6B4108050	R6B4110050	R6B4112050
55		R6B4106055	R6B4108055	R6B4110055	R6B4112055
60		R6B4106060	R6B4108060	R6B4110060	R6B4112060

Sizes in BLUE are non-preferred. Availability is limited and MOQ is applied. *Data is strictly informative*

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Refer: ISO 3506-2 Annex F