



GST NO.: 29AHZPU5620Q1ZZ

An ISO 9001:2015 Certified Company

ROYAL INDUSTRIAL SUPPLIERS

QUALITY FASTENERS SPECIALIST



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TECHNICAL DATA SHEET

TORX GRUB SCREW FLAT POINT



MATERIAL- STAINLESS STEEL

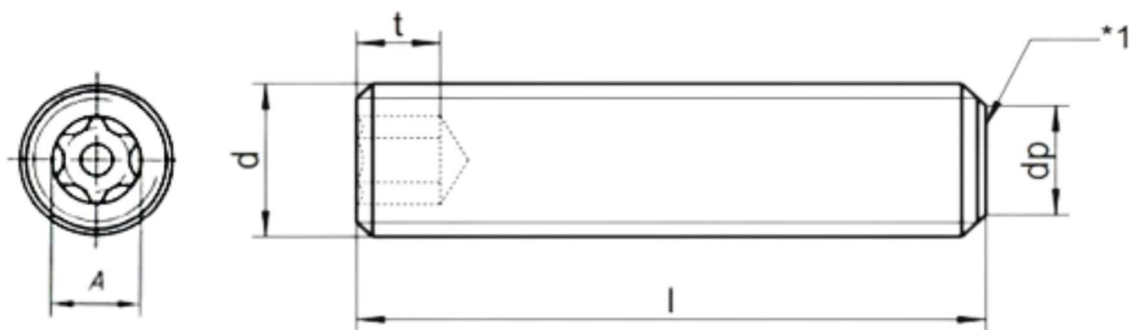
GRADE-SS304 (A2-70)

AS PER-DIN-34827

CATALOGUE NO. R6F41

INSTALLATION GUIDE

- SELECT THE CORRECT SIZE OF TORX GRUB SCREW FLAT POINT AND MATCHING TORX KEY OR DRIVER.
- 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 TORX KEY FIRMLY INTO THE TORX 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→		M3x0.5	M4x0.7	M5x0.8	M6x1.0	M8x1.25
End dia dp	max	2.00	2.50	3.50	4.00	5.50
	min	1.75	2.25	3.20	3.70	5.20
socket depth t	min	1.20	1.50	2.00	2.00	3.00
	max	2.00	2.50	3.00	3.50	5.00
A		1.750	2.400	2.800	3.35	4.500
Tool Size		T-6	T-8	T-10	T-15	T-25

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

All Dimensions in mm

Length↓ Size→	M3x0.5	M4x0.7	M5x0.8	M6x1.0	M8x1.25
3	R6F4103003	R6F4104003			
4	R6F4103004	R6F4104004	R6F4105004		
5	R6F4103005	R6F4104005	R6F4105005		
6	R6F4103006	R6F4104006	R6F4105006	R6F4106006	R6F4108006
8	R6F4103008	R6F4104008	R6F4105008	R6F4106008	R6F4108008
10	R6F4103010	R6F4104010	R6F4105010	R6F4106010	R6F4108010
12	R6F4103012	R6F4104012	R6F4105012	R6F4106012	R6F4108012
14	R6F4103014	R6F4104014	R6F4105014	R6F4106014	R6F4108012
16	R6F4103016	R6F4104016	R6F4105016	R6F4106016	R6F4108016
20	R6F4103020	R6F4104020	R6F4105020	R6F4106020	R6F4108020
25	R6F4103025	R6F4104025	R6F4105025	R6F4106025	R6F4108025
30	R6F4103030	R6F4104030	R6F4105030	R6F4106030	R6F4108030
35		R6F4104035	R6F4105035	R6F4106035	R6F4108035
40		R6F4104040	R6F4105040	R6F4106040	R6F4108040
45				R6F4106045	R6F4108045
50				R6F4106050	R6F4108050
55				R6F4106055	R6F4108055
60				R6F4106060	R6F4108060
70					R6F4108070
80					R6F4108080

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