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8310165941 / 9959457863



sales@royalfastenersindia.com



www.royalfastenersindia.com



TECHNICAL DATA SHEET

ULTRA LOW PROFILE TORX 6-LOBE NARROW HEAD



MATERIAL- STAINLESS STEEL

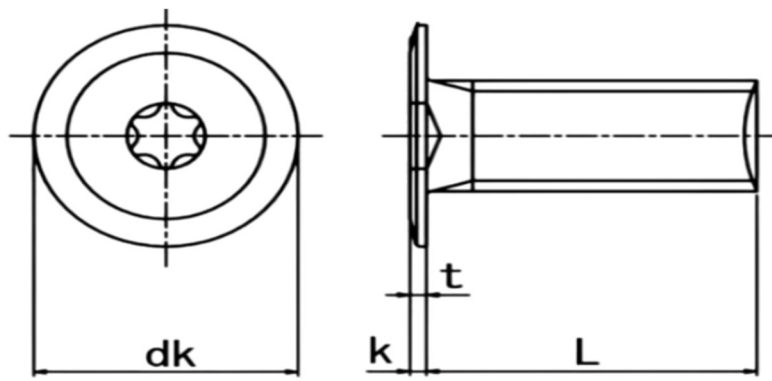
GRADE-SS316 (A4-70)

AS PER-NON-STANDARD

CATALOGUE NO. R6F85N

INSTALLATION GUIDE

- SELECT THE CORRECT SIZE OF NARROW HEAD ULTRA LOW PROFILE TORX SCREW AND MATCHING TORX DRIVER OR BIT (T-SIZE).
- ENSURE THE MATING HOLE OR THREAD IS CLEAN AND FREE FROM DUST, OIL, OR DEBRIS.
- ALIGN THE COMPONENTS TO BE FASTENED IN THE CORRECT POSITION.
- INSERT THE ULTRA LOW PROFILE TORX SCREW INTO THE HOLE BY HAND TO START THREADING.
- PLACE THE TORX DRIVER FIRMLY INTO THE STAR-SHAPED RECESS OF THE SCREW HEAD.
- TURN THE DRIVER CLOCKWISE TO TIGHTEN THE SCREW EVENLY AND SECURELY.
- APPLY STEADY, CONTROLLED FORCE TO PREVENT CAM-OUT OR DAMAGE TO THE TORX RECESS.
- DO NOT OVERTIGHTEN TO AVOID STRIPPING THE THREADS OR DAMAGING THE SURFACE.
- ENSURE THE LOW-PROFILE HEAD SITS FLAT AND FLUSH WITH THE MATERIAL SURFACE AFTER INSTALLATION.
- USE A TORQUE DRIVER IF SPECIFIC TORQUE VALUES ARE REQUIRED.
- INSPECT THE FINAL INSTALLATION TO CONFIRM THE SCREW IS PROPERLY SEATED AND FIRMLY SECURED.



Parameter↓ Size→		M1.6x0.35	M2x0.4	M2.5x0.45	M3x0.5	M4x0.7	M5x0.8	M6x1.0
Head Diameter dk	MAX	3.50	3.50	4.50	5.50	7.00	8.00	10.00
	MIN	0.50	0.50	0.60	0.80	0.90	1.00	1.20
	MAX	0.65	0.65	0.75	0.95	1.05	1.15	1.35
Slot Depth t		0.40	0.40	0.50	0.75	0.90	1.00	1.20
Tool Size		T4	T4	T5	T6	T8	T10	T15
Max Tightening Torque Nm		0.10	0.12	0.25	0.50	1.10	2.50	3.80

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

All Dimensions in mm

Dia → Length↓	M1.6x0.35	M2x0.4	M2.5x0.45	M3x0.5	M4x0.7	M5x0.8	M6x1.0
3	R6F85N10603	R6F85N02003	R6F85N20503				
4	R6F85N10604	R6F85N02004	R6F85N20504	R6F85N03004			
5	R6F85N10605	R6F85N02005	R6F85N20505	R6F85N03005	R6F85N04005		
6	R6F85N10606	R6F85N02006	R6F85N20506	R6F85N03006	R6F85N04006	R6F85N05006	
8	R6F85N10608	R6F85N02008	R6F85N20508	R6F85N03008	R6F85N04008	R6F85N05008	R6F85N06008
10	R6F85N10610	R6F85N02010	R6F85N20510	R6F85N03010	R6F85N04010	R6F85N05010	R6F85N06010
12	R6F85N10612	R6F85N02012	R6F85N20512	R6F85N03012	R6F85N04012	R6F85N05012	R6F85N06012
14	R6F85N10614	R6F85N02014	R6F85N20514	R6F85N03014	R6F85N04014	R6F85N05014	R6F85N06014
16	R6F85N10616	R6F85N02016	R6F85N20516	R6F85N03016	R6F85N04016	R6F85N05016	R6F85N06016
18	R6F85N10618	R6F85N02018	R6F85N20518	R6F85N03018	R6F85N04018	R6F85N05018	R6F85N06018
20	R6F85N10620	R6F85N02020	R6F85N20520	R6F85N03020	R6F85N04020	R6F85N05020	R6F85N06020
22		R6F85N02022	R6F85N20522	R6F85N03022	R6F85N04022	R6F85N05022	R6F85N06022
25		R6F85N02025	R6F85N20525	R6F85N03025	R6F85N04025	R6F85N05025	R6F85N06025
30			R6F85N20530	R6F85N03030	R6F85N04030	R6F85N05030	R6F85N06030
35				R6F85N03035	R6F85N04035	R6F85N05035	R6F85N06035
40				R6F85N03040	R6F85N04040	R6F85N05040	R6F85N06040
45					R6F85N04045	R6F85N05045	R6F85N06045
50					R6F85N04050	R6F85N05050	R6F85N06050

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