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TECHNICAL DATA SHEET

ULTRA LOW PROFILE TORX 6-LOBE SCREW



MATERIAL- STAINLESS STEEL

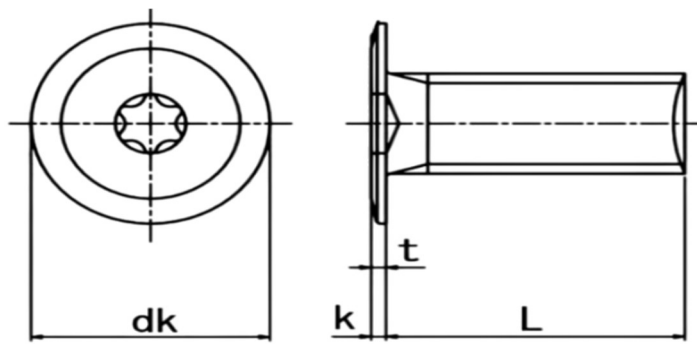
GRADE-SS304 (A2-70)

AS PER-NON-STANDARD

CATALOGUE NO. R4F85u

INSTALLATION GUIDE

- SELECT THE CORRECT SIZE OF 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.



UNIFIED SERIES

Parameter↓ Size→	#2-56UNC	#4-40UNC	#6-32UNC	#8-32UNC	#10-24UNC	#10-32UNF	1/4"-20UNC
Screw Dia Nom	2.18	2.84	3.50	4.15	4.82	4.82	6.35
Head Diameter dk	MAX	4.00	7.00	7.50	8.00	8.00	12.00
Head Thickness k	MIN	0.50	0.80	0.85	0.90	1.03	1.20
	MAX	0.65	0.95	1.05	1.05	1.18	1.35
Slot Depth t	0.40	0.50	0.75	0.90	1.00	1.00	1.20
Tool Size	T4	T6	T6	T8	T10	T10	T20
Max Tightening Torque Nm	0.12	0.25	0.50	1.10	2.50	2.50	4.10

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

All Dimensions in mm

Dia → Length↓	#2-56UNC	#4-40UNC	#6-32UNC	#8-32UNC	#10-24UNC	#10-32UNF	1/4"-20UNC
3/16"	R4F85u25648	R4F85u44048	R4F85u63248				
1/4"	R4F85u25662	R4F85u44062	R4F85u63262	R4F85u83262			
5/16"	R4F85u25679	R4F85u44079	R4F85u63279	R4F85u83279	R4F85u12479	R4F85v13279	R4F85u62079
3/8"	R4F85u25691	R4F85u44091	R4F85u63291	R4F85u83291	R4F85u12491	R4F85v13291	R4F85u62091
7/16"	R4F85u25611	R4F85u44011	R4F85u63211	R4F85u83211	R4F85u12411	R4F85v13211	R4F85u62011
1/2"	R4F85u25613	R4F85u44013	R4F85u63213	R4F85u83213	R4F85u12413	R4F85v13213	R4F85u62013
5/8"	R4F85u25615	R4F85u44015	R4F85u63215	R4F85u83215	R4F85u12415	R4F85v13215	R4F85u62015
3/4"	R4F85u25619	R4F85u44019	R4F85u63219	R4F85u83219	R4F85u12419	R4F85v13219	R4F85u62019
7/8"	R4F85u25623	R4F85u44023	R4F85u63223	R4F85u83223	R4F85u12423	R4F85v13223	R4F85u62023
1"	R4F85u25625	R4F85u44025	R4F85u63225	R4F85u83225	R4F85u12425	R4F85v13225	R4F85u62025
1 1/8"		R4F85u44028	R4F85u63228	R4F85u83228	R4F85u12428	R4F85v13228	R4F85u62028
1 1/4"		R4F85u44031	R4F85u63231	R4F85u83231	R4F85u12431	R4F85v13231	R4F85u62031
1 1/2"		R4F85u44038	R4F85u63238	R4F85u83238	R4F85u12438	R4F85v13238	R4F85u62038
1 5/8"			R4F85u63241	R4F85u83241	R4F85u12441	R4F85v13241	R4F85u62041
1 3/4"			R4F85u63244	R4F85u83244	R4F85u12444	R4F85v13244	R4F85u62044
2"			R4F85u63251	R4F85u83251	R4F85u12451	R4F85v13251	R4F85u62051
2-1/2"			R4F85u63263	R4F85u83263	R4F85u12463	R4F85v13263	R4F85u62063

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