



GST NO.: 29AHZPU5620Q1ZZ

An ISO 9001:2015 Certified Company

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QUALITY FASTENERS SPECIALIST



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## TECHNICAL DATA SHEET

### PAN TORX 6-LOBE SCREW



MATERIAL- STAINLESS STEEL

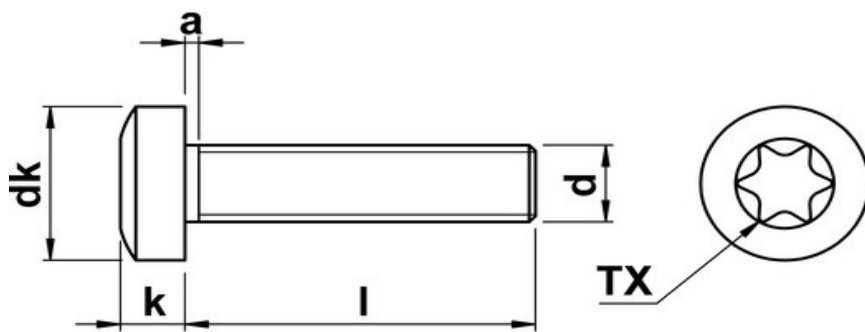
GRADE-SS304 (A2-70)

AS PER-ISO-14583

CATALOGUE NO. R4F14

### INSTALLATION GUIDE

- SELECT THE CORRECT SIZE OF PAN 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 THEIR PROPER POSITION.
- INSERT THE PAN 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 SECURELY.
- APPLY EVEN PRESSURE TO PREVENT CAM-OUT AND ENSURE PROPER ENGAGEMENT.
- DO NOT OVERTIGHTEN TO AVOID STRIPPING THREADS OR DAMAGING THE MATERIAL.
- USE A WASHER IF REQUIRED TO DISTRIBUTE LOAD AND PROTECT THE SURFACE.
- INSPECT THE FINAL INSTALLATION TO ENSURE THE PAN TORX SCREW IS FIRMLY SECURED AND PROPERLY SEATED.



Note: \* AS PER DIN

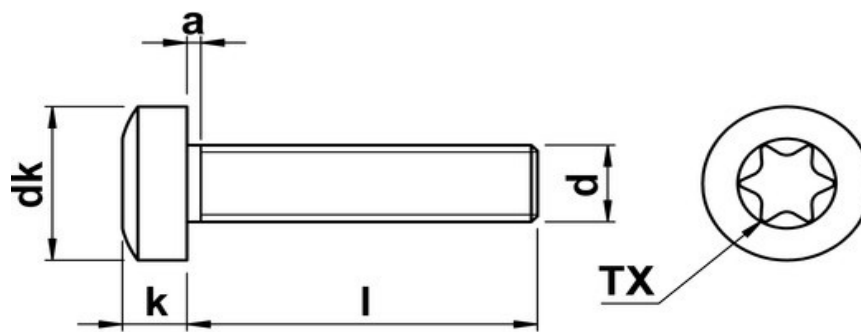
Parameter	DIA →	M1.6 x 0.35	M2 x 0.4	M2.5 x 0.45	M3 x 0.5
Head Diameter dk	Max	3.20	4.00	5.00	5.60 <b>(6.00)*</b>
	Min	2.90	3.70	4.70	5.30 <b>(5.70)*</b>
Head Height k	Max	1.30	1.60	2.10	2.40
	Min	1.16	1.46	1.96	2.26
Thread Runout a Max		0.80	0.80	0.90	1.00
Drive Bit [Recess Size]		T5	T6	T8	T10

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

All Dimensions in mm

Length	Tolerance	M1.6 x 0.35	M2 x 0.4	M2.5 x 0.45	M3 x 0.5
2	± 0.20	R4F1410602			
3	± 0.20	R4F1410603	R4F1402003	R4F1420503	R4F1403003
4	± 0.24	R4F1410604	R4F1402004	R4F1420504	R4F1403004
5	± 0.24	R4F1410605	R4F1402005	R4F1420505	R4F1403005
6	± 0.24	R4F1410606	R4F1402006	R4F1420506	R4F1403006
8	± 0.29	R4F1410608	R4F1402008	R4F1420508	R4F1403008
10	± 0.29	R4F1410610	R4F1402010	R4F1420510	R4F1403010
12	± 0.35	R4F1410612	R4F1402012	R4F1420512	R4F1403012
14	± 0.35	R4F1410614	R4F1402014	R4F1420514	R4F1403014
16	± 0.35	R4F1410616	R4F1402016	R4F1420516	R4F1403016
18	± 0.35	R4F1410618	R4F1402018	R4F1420518	R4F1403018
20	± 0.42	R4F1410620	R4F1402020	R4F1420520	R4F1403020
22	± 0.42		R4F1402022	R4F1420522	R4F1403022
25	± 0.42		R4F1402025	R4F1420525	R4F1403025
28	± 0.42			R4F1420528	R4F1403028
30	± 0.42			R4F1420530	R4F1403030
35	± 0.50				R4F1403035
40	± 0.50				R4F1403040
45	± 0.50				R4F1403045
50	± 0.50				R4F1403050
55	± 0.60				R4F1403055
60	± 0.60				R4F1403060

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



Note: \* AS PER DIN

Parameter	DIA →	M4 x 0.7	M5 x 0.8	M6 x 1.0	M8 x 1.25	M10 x 1.5
Head Diameter dk	Max	8.00	9.50 (10.00)*	12.00	16.00	20.00
	Min	7.64	9.14 (9.64)*	11.57	15.57	19.48
Head Height k	Max	3.10	3.70	4.60	6.00	7.50
	Min	2.92	3.52	4.30	5.70	7.14
Thread Runout a Max		1.40	1.60	2.00	2.50	3.00
Drive Bit [Recess Size]		T20	T25	T30	T45	T50

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

All Dimensions in mm

Length	Tolerance	M4 x 0.7	M5 x 0.8	M6 x 1.0	M8 x 1.25	M10 x 1.5
4	± 0.24	R4F1404004				
5	± 0.24	R4F1404005				
6	± 0.24	R4F1404006	R4F1405006			
8	± 0.29	R4F1404008	R4F1405008	R4F1406008		
10	± 0.29	R4F1404010	R4F1405010	R4F1406010	R4F1408010	
12	± 0.35	R4F1404012	R4F1405012	R4F1406012	R4F1408012	
14	± 0.35	R4F1404014	R4F1405014	R4F1406014	R4F1408014	
16	± 0.35	R4F1404016	R4F1405016	R4F1406016	R4F1408016	R4F1410016
18	± 0.35	R4F1404018	R4F1405018	R4F1406018	R4F1408018	R4F1410018
20	± 0.42	R4F1404020	R4F1405020	R4F1406020	R4F1408020	R4F1410020
22	± 0.42	R4F1404022	R4F1405022	R4F1406022	R4F1408022	R4F1410022
25	± 0.42	R4F1404025	R4F1405025	R4F1406025	R4F1408025	R4F1410025
28	± 0.42	R4F1404028	R4F1405028	R4F1406028	R4F1408028	R4F1410028
30	± 0.42	R4F1404030	R4F1405030	R4F1406030	R4F1408030	R4F1410030
35	± 0.50	R4F1404035	R4F1405035	R4F1406035	R4F1408035	R4F1410035
40	± 0.50	R4F1404040	R4F1405040	R4F1406040	R4F1408040	R4F1410040
45	± 0.50	R4F1404045	R4F1405045	R4F1406045	R4F1408045	R4F1410045
50	± 0.50	R4F1404050	R4F1405050	R4F1406050	R4F1408050	R4F1410050
55	± 0.60	R4F1404055	R4F1405055	R4F1406055	R4F1408055	R4F1410055
60	± 0.60	R4F1404060	R4F1405060	R4F1406060	R4F1408060	R4F1410060
65	± 0.60	R4F1404065	R4F1405065	R4F1406065	R4F1408065	R4F1410065
70	± 0.60	R4F1404070	R4F1405070	R4F1406070	R4F1408070	R4F1410070
75	± 0.60	R4F1404075	R4F1405075	R4F1406075	R4F1408075	R4F1410075
80	± 0.60	R4F1404080	R4F1405080	R4F1406080	R4F1408080	R4F1410080
90	± 0.70	R4F1404090	R4F1405090	R4F1406090	R4F1408090	R4F1410090
100	± 0.70	R4F1404100	R4F1405100	R4F1406100	R4F1408100	R4F1410100

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