

FTS FULL THREADED RODS

Full threaded rod is available both metric and imperial thread profiles, suitable for use with Statheros® mechanical and chemical anchoring systems.

FEATURES & APPLICATIONS

- Overhead pipework.
- Overhead cable tray and trunking.
- Cast-in anchor ferrule connections.
- Tie down systems in high wind areas.
- Bracing systems, wall bracing etc.
- Formwork systems.

ORDERING DETAILS

Imperial Size	Rod Length (ft)	Finish	Product Part No.
1/4"	6.0	Zinc	FTSG14
5/16"	6.0	Zinc	FTSG516
3/8"	6.0	Zinc	FTSG38
1/2"	6.0	Zinc	FTSG12

MATERIAL SPECIFICATIONS

- Carbon steel: Commercial grade strength, grade 4.6 with minimum 400MPa.

SURFACE FINISH

- Zinc plated with passivated blue chromate conversion coating.

APPROVALS

- Loading certified by Sirim laboratory. Sirim Test Report No: 2019CB0367.

LOADING DATA

CHARACTERISTIC LOAD					
Anchor Size		1/4"	5/16"	3/8"	1/2"
Tensile Load (kN)	N_{Rk}	6.5	11.7	18.6	27.0
DESIGN LOAD					
Anchor Size		1/4"	5/16"	3/8"	1/2"
Tensile Load (kN)	N_{Rd}	4.3	7.8	12.4	18.0
RECOMMENDED LOAD					
Anchor Size		1/4"	5/16"	3/8"	1/2"
Tensile Load (kN)	N_{Rec}	3.1	5.6	8.9	12.9

IMPORTANT NOTICE:

All information and data therein used for computation in the formulas must be in accordance with STATHEROS® technical instructions. Much emphasis is placed on strict adherence to this. Results derived are solely based on the data used. Responsibility of error, incompleteness of data & etc. rests solely on the user. Results derived from the computation serves only as a guide, not to be taken for a specific application. Due care must be taken to have results verified by third party if necessary.

