

SSF 701

REGULATIONS FOR

MOPED AND MOTORCYCLE LOCKS

CLASSIFICATION, REQUIREMENTS,
AND TEST METHODS

JUNE 2022

SSF701 Edition 1

SSF (the Swedish Theft Prevention Association) is a non-profit association. The aim of the association is to promote safety and security for individuals and property through crime prevention measures, and to help shape opinions and disseminate information with regard to crime prevention. (Excerpt from SSF's by-laws § 1 and § 2. Laid down on May 13, 2011)

SSF, the Swedish Theft Prevention Association, issues regulations and standards for various types of security protective equipment.

SSF has been publishing rules and standards on behalf of the Swedish Insurance Federation (formerly Försäkringsförbundet) since 2001.

SSF regulations and standards are developed in working groups made up of stakeholders from insurance companies, authorities, organizations, et al.

Decisions on amendments, revision or withdrawal shall be taken by the working group.

SSF's regulations specify properties that are considered to be of importance for functionality and reliability. The aim of the regulations is to stipulate quality and safety levels that can be applied generally, both when specifying requirements and in conjunction with the procurement of intrusion-resistant products or structures.

In addition to the requirements specified in the standards and rules, compliance with laws and official regulations is assumed.

SSF, the Swedish Theft Prevention Association, develops and specifies standards for testing and classification within areas considered relevant to the aims of the association. A list of current SSF standards can be found on the SSF website at

www.stoldskyddsforeningen.se

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Foreword

Swedish Motor Insurers (Trafikförsäkringsföreningen, TFF) has previously been responsible for the standard TFFN 701 Moped and motorcycle locks – Requirements and testing. SSF has taken over this responsibility since 2021 and the new designation is now SSF 701.

This standard specifies properties for moped and motorcycle locks that are considered important for function and reliability.

The purpose of the standard is to establish security levels. Most insurance companies require moped and motorcycle locks to meet this standard.

The standard refers to, or is based as far as possible on, national and international standards as well as other applicable technical specifications or requirement documents.

The class designations B, C and D were used in the previous standard TFFN 701. These letter designations have been changed to numbers in this standard so as to follow the class designations in other standards and norms. The former designation classes B, C and D have been changed to classes 2, 3 and 4 in this standard and refer to locks for mopeds (class 2) and motorcycles (class 3), as well as and locks with additional enhanced anti-theft protection (class 4). Locks for bicycles can be found in the standard SSF 011.

The standard was developed by a working group consisting of representatives from insurance companies, manufacturers, resellers, certification companies and the Swedish Theft Prevention Association.

Changes from TFFN 701, edition 2

- Designation changed from TFFN 701 to SSF 701
- The scope has been extended to include electrically operated locks.
- Updated references.
- Classes B, C and D according to TFFN 701 edition 2 have been changed to classes 2, 3 and 4.
- The requirements have been extended to include electrically operated locks.

This standard is valid from June 22, 2022 and replaces TFFN 701 edition 2. Edition 2 will be suspended on December 22, 2022.

1 Scope

Mechanical and electrically operated locks that meet the requirements of this standard are primarily intended for mopeds and motorcycles but can also be used for other similar motor vehicles.

Steering locks are not covered by this standard.

2 References

This standard contains dated or undated references to regulations in other publications. These normative references can be found in the body copy. With regard to dated references to publications that have subsequently been amended or supplemented, such amendments and supplements are only valid if they have been inserted into these regulations. For undated references, the latest edition of the publication applies.

SSF 1050, edition 2	<i>Method description – For picking locks</i>
SSF 1130	<i>Requirements, certification bodies</i>
SS-EN 1670:2007	<i>Building hardware – Corrosion resistance – Requirements and test methods</i>
SS-EN 10277	<i>Bright steel products – Technical delivery conditions</i>
SS-EN 60068-2-1:2007	<i>Environmental testing – Part 2-1: Tests – A: Cold, stationary state</i>
SS-EN 60068-2-2:2007	<i>Environmental testing – Part 2-2: Tests – B: Heat, stationary state</i>
SS-EN 60068-2-6:2008	<i>Environmental testing – Part 2-6: Tests – Fc: Vibration (sinusoidal)</i>
SS-EN 60068-2-27:2009	<i>Environmental testing – Part 2-27: Tests – Test Ea and guidance: Shock.</i>
SS-EN 60068-2-30:2005	<i>Environmental testing – Part 2-30: Tests – Db: Damp heat, cyclic (12h + 12h cycle)</i>
SS-EN 60529	<i>Degrees of protection provided by enclosures (IP Code)</i>
SS-EN 61000-4-2:2009	<i>Electromagnetic compatibility (EMC) – Part 4-2: Testing and measurement – Electrostatic discharge immunity test</i>
SS-EN ISO/IEC 17025:	<i>General requirements for the competence of testing and calibration laboratories</i>
SS-ISO 235:2017	<i>Parallel shank jobber and stub series drills and Morse taper shank drills (DIN 338:2006 Parallel shank twist drills, jobber series)</i>
DIN 6494 (NF-E 73-072)	<i>Hand saw for metal – Hacksaw blades</i>