

iLOQ H5S3, H5S4 AND H5S5 PADLOCK

General

iLOQ S5 locking system offers advanced security and convenient access management for master-key locking environments.

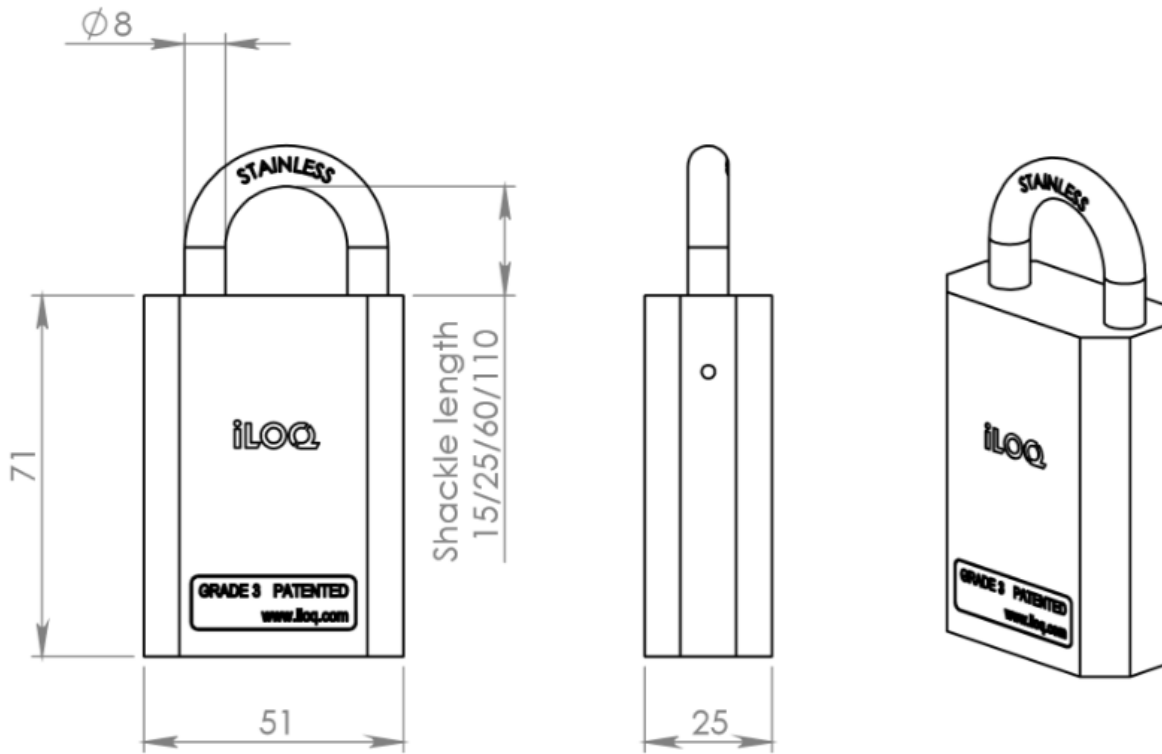
The iLOQ S5 padlocks enable usage of the iLOQ S5 locking system for securing remote objects and locations. The self-powered iLOQ padlocks are available in different body and shackle sizes. The iLOQ padlock records audit trails of key usage and enables flexible access management for each key and each padlock. The security level is kept high and security gaps caused by lost keys can be eliminated completely without costly changes of locks and keys. The iLOQ D2D network allows users to update lock-related access rights, time limitations and lists of lost keys as well as collect log event data from the locks.

iLOQ padlocks in brief

- Programmable electromechanic padlock for iLOQ S5 locking system
- Self-powered: no batteries or external energy source required for the lock and key
- Lock acts as a part of the iLOQ D2D network
- All iLOQ S5 padlocks and iLOQ S5 keys are mechanically identical
- Secured using powerful encryption methods: AES-256 (Advanced Encryption Standard)
- Programmed using a PC and the iLOQ P55.1 Programming Key
- Blocklist for individual lost keys
- Access group list for key accesses
- Firmware updateable

Product versions H5S3

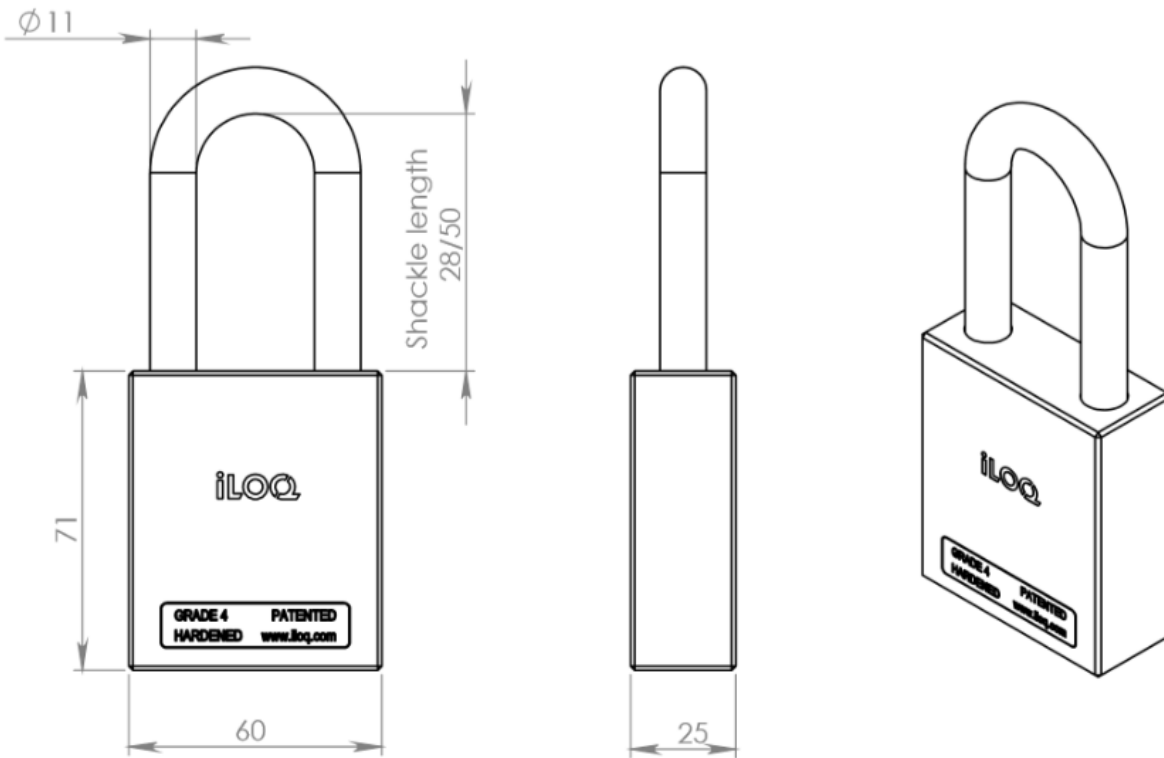
The iLOQ padlock consists of standard iLOQ C5S.1 or C5S.10 lock cylinder which is inserted into EN 12320 Grade 3 padlock case.



- H5S3.1Padlock for outdoor use
- H5S3.10Padlock for indoor use
- H5S3.1CPadlock for outdoor use with fixed 500 mm chain
- H5S3.10CPadlock for indoor use with fixed 50 mm chain

Product versions H5S4

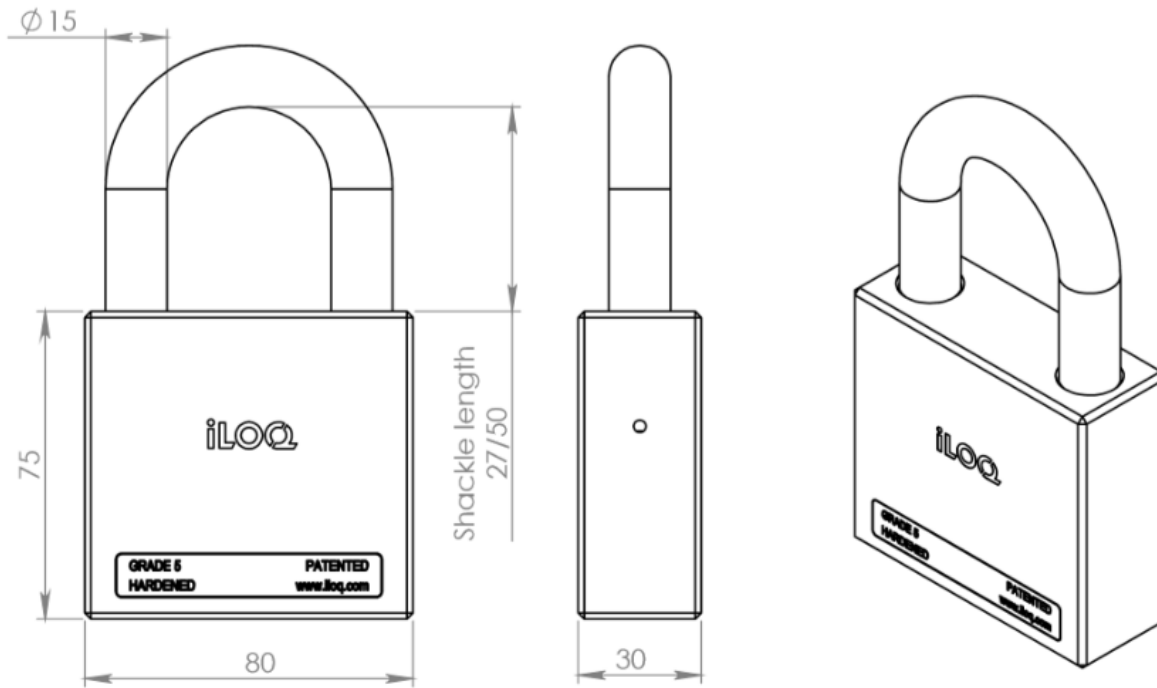
The iLOQ padlock consists of standard iLOQ C5S.1 or C5S.10 lock cylinder which is inserted into EN 12320 Grade 4 padlock case.



- H5S4.1Padlock for outdoor use
- H5S4.10Padlock for indoor use
- H5S4.1CPadlock for outdoor use with fixed 500 mm chain
- H5S4.10CPadlock for indoor use with fixed 500 mm chain

Product versions H5S5

The iLOQ padlock consists of standard iLOQ C5S.1 lock cylinder which is inserted into EN 12320 Grade 5 padlock case.



- H5S5.1 Padlock for outdoor use
- H5S5.2 Padlock for outdoor use with real-time clock
- H5S5.1C Padlock for outdoor with 500mm chain
- H5S5.2C Padlock for outdoor use with real-time clock
 and 500mm chain.

Memory capacity

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|--|-------------------------------------|
| Amount of access areas | 210 |
| Number of keys on the blocked list | 500/zone |
| Amount of time profiles | 10 |
| Event log | at least the 500 most recent events |

Padlock cylinder is based on the C5S.1/10 lock cylinder.

Technical data of C5S.1/C5S.10

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|--|--|
| Durability EN15684:2013-01 (Grades 4-6) | Grade 6, 100 000 cycles |
| | (equivalent to 200 000 openings) |
| Electronic key-related security EN15684:2013-01 (Grades A-F) | Grade F (1 000 000 combinations, protected |
| | communication) |
| Temperature range C5S.1 | -35 °C...+70 °C |
| Temperature range C5S.10 | -10 °C...+70 °C* |
| Optional real-time clock | 10 years operation time |
| | Time shifting max +/- 2 seconds per month |
| Ingress protection rating | IP21 |
| Attack resistance EN15684:2013-01 (Grades 0-2) | Grade 2 |
| Certifications | Finnish FK, class 1 and 3 |
| | Swedish SBSC, class 4 |

*C5S.10 only for indoor environments where humidity and temperature are constant