Developed in Switzerland. Manufactured in quality.

Quality and reliability are the values that our products stand for. We combine stringent material and functionality requirements with experience, know-how and innovative spirit in the development and production of our products.

Patent protection: Security and protection for customers and partners

Authorised dormakaba dealer:
Security by patent:
Solid reliability.

Patented systems against illegitimate copies of keys.
dormakaba puts a lot of money and effort into innovation to
develop the various technical properties of our keys and
cylinders, and to subsequently protect them under patents.
These patents provide legal protection against illegiti-
mate copies of keys, and the sophisticated high-precision
technology in turn makes it very difficult to make copies of keys.
Fundamentally, duplicate keys are only made by
dormakaba itself or by authorised dealers.

Our patented cylinder systems are available with an
option as in-house system or partner system. While
the in-house systems (e.g. penta, gemini) are exclusively
manufactured in our factories, our partner systems
(e.g. expert, matrix, pextra) could also be assembled by
our authorised dealers. In either case, re-ordering keys
always requires identification by means of a security card
or the individually agreed identification methods in each
case.

Level concept of the partner systems
Key blank:
Keys and key blanks of our patented partner systems
(for example, expert, matrix, pextra) are not freely availa-
ble on the market. Rather, we sell them exclusively to reg-
istered and certified authorised dealers. A duplicate key is
made with the patented key blanks.

The key milling machine:
For dormakaba expert, only machines from two manu-
facturers currently available in the market are precise
efficient enough to make our technically challenging keys from the
key blanks and to observe the necessary measurement
tolerances in the µ-range. If these tolerances are not
reached, the key does not set the lock.
These key milling machines are extremely expensive and
moreover, they are only capable of making a duplicate key
from our key blank after confirmation from dormakaba
via a password transfer to the specialist partner. The
entire process, from development or manufacturing of a
new key milling machine, up to commissioning by the
partner, is contractually defined with the manufacturers
of the key milling machines.

Security card:
Our partners are contractually bound to make duplicate
keys for our patented cylinder systems (for example, expert, matrix, pextra) only after the security card has
been presented. Infringement will also result in legal
consequences for the partner.

Arguments at a glance:
• Protecting technical inventions from undesired replication.
• Original products can only be obtained from
dormakaba or authorised specialist partners.
• The security card provides protection from unauthorized key copies.
• The patent terms are different depending on the system.
• This offers you, as a dealer or consumer, even more added value.

Recognition value:
Figurative marks for recognising originals.

The tip of the reversible key can be seen as a distinctive
mountain peak and thus forms the foundation of our
brand protection with the figurative mark “Mountain
Peak”. On the serrated keys, the picture of the key profile
(“branch groove”) on the key head is visible as a trade-
mark-protected logo.
dormakaba keys are reliable brand products that have a
high recognition value. The systems specified below are
also under patent protection, whereby duplicate keys
may be legally manufactured only by dormakaba itself
or our authorised specialist partners. In addition, our
high-precision technology combined with our security
concept makes it hugely difficult to manufacture unau-
thorised duplicates.

The following keys are marked with “PAT” for patent
and a figurative mark:
• dormakaba matrix
• dormakaba matrix plus
• dormakaba expert
• dormakaba expert plus und dormakaba expert cross
• dormakaba quattro plus
• dormakaba gemini plus
• dormakaba penta und dormakaba penta cross
• dormakaba pextra
• dormakaba pextra+

To recognise our systems, they are additionally marked
with a logo that is protected as a figurative mark. The
figurative mark symbolises that the key is an original
manufactured by dormakaba.