

CHAMPIONS

HIGH SECURITY CYLINDERS



Mottura Champions® security cylinders are certified by ICIM INSTITUTE as **HIGHLY resistant to bumping and picking.**

The standard foresees various parameters. For each of these parameters, the complete Champions® range is by far higher than the limits imposed by the standard.

CYLINDERS CLASSIFICATION

According to the UNI EN 1303 standard

Category of use	Cyclic test	Door mass	Suitable for use on smoke/fire proof doors	Safety	Corrosion resistance	Key security	Resistance to drilling	Resistance to "Picking"	Resistance to "Bumping"
1	2	3	4	5	6	7	8	9	10
1	6	0	1	0	C	6	2	◆	1

- 1 Used by people who know how to use it and with little possibility of misuse
 - a single class characterized by the No. 1
- 2 Maximum resistance obtainable in duration testing (100,000 cycles)

The reference standard foresees 3 levels:

 - Level 4 25000 cycles
 - Level 5 50000 cycles
 - Level 6 100000 cycles
- 3 No requirement requested
- 4 Suitable for use on smoke/fire proof doors. The reference standard foresees 2 levels:
 - Level 0 unsuitable for use on smoke/fire proof doors
 - Level 1 suitable for use on smoke/fire proof doors
- 5 No requirement requested, referring to the safety of persons (safety)
- 6 Maximum classification, high resistance to corrosion (96h) and temperature

The reference standard foresees 4 levels:

 - Level 0 no requirement of corrosion and temperature resistance
 - Level A high resistance to corrosion and no requirement to temperature resistance
 - Level B no requirement of corrosion resistance and temperature resistance from $-20^{\circ}\text{C} \div +80^{\circ}\text{C}$
 - Level C high resistance to corrosion and temperature from $-20^{\circ}\text{C} \div +80^{\circ}\text{C}$
- 7 Maximum classification in terms of key identification requirements.

The reference standard foresees 6 levels:

 - One of the characteristics is the number of different possible combinations ranging from a minimum of 100 combinations (level 1) to a maximum of at least 100,000 (level 6)
- 8 Maximum classification in terms of resistance to drilling and mechanical forcing

The reference standard foresees 3 levels:

 - Level 0 no resistance requirement to drilling/mechanical forcing
 - Level 1 3/5 minutes of resistance
 - Level 2 5/10 minutes of resistance
- 9 Resistance to "PICKING"
- 10 Resistance to "BUMPING"

Design



New key colours and design

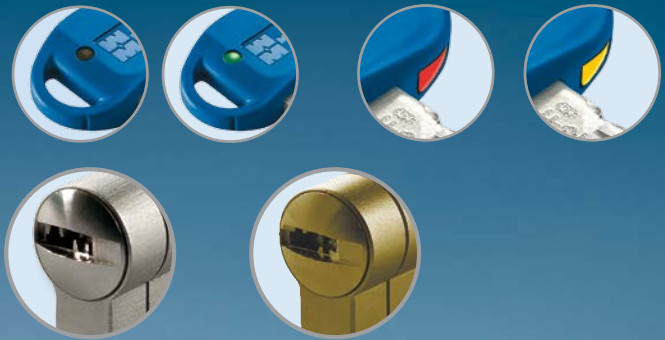
With ergonomic lines, for a more comfortable use. Technical approach that conveys strength and durability.

Round coloured inserts

to make them easily recognizable.

Triangular coloured inserts

For cylinders with “Vario” function the keys have **coloured triangular inserts** to recognize and identify the function.



Brushed nickel-plated finish

to better integrate with the accessories (brushed brass finish on request).

Champions® types

KEY-KEY

Frictioned key version, available on request. Opens from the outside even with a key inserted on the inside.



KEY-KNOB PROVISION

Knob fitting \varnothing 8 mm (in replacement of the 10 mm) to unify the various types of Mottura knobs (except Modular).



HALF CYLINDER



WITH KNOB

(except Modular).



KEY- ADJUSTABLE KNOB PROVISION



safeguarding your security