

## Selection of DIN 18252/EN 1303 compliant designs



**Double cylinder no. 810 WSM**  
Brass, satin nickel plated



**Double cylinder no. 8710 WSM**  
With emergency and danger function  
Brass, satin nickel plated  
Locking on both sides



**Knob cylinder no. 815 WSM**  
Brass, satin nickel plated  
One side locking  
Other side aluminium knob, F1,  
various knob shapes available  
(figure shows shape H)



**Cam cylinder no. 5558/30 WSM**  
Brass, polished nickel plated  
Locking movement 90°  
Locking direction as desired  
Fitting dimension 25 mm



**Cylinder padlock no. 215 N/58 WSM**  
Stainless steel shackle  
Housing 58 mm wide, 50 mm high  
Latches without locking  
Shackle clearance 35 mm (standard)



**Profile insert no. 802/5 WSM**  
Brass, satin nickel plated  
One side locking,  
the other side blind

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## CES System WSM

Horizontal reversible key system  
with patent protection for industrial  
and residential buildings

Subject to technical changes without notice · EN · Vo3 · 12.19

## Innovative locking engineering with legal protection

To ensure that a cylinder of our WSM series can only be opened by authorized persons with the correct key, CES has come up with quite an array of features, such as a completely new and varied key section and additional, especially effective locking functions.

On each cylinder side, there are up to 16 locking elements, comprising up to 5 spring-loaded, stepped and vertically acting locking pins, and up to 11 combination pins that are also stepped and act radially on two locking bars that are offset by 90°.

The patented geometry of the key and of the cylinder plug offers protection against unauthorized duplication of the key and – in conjunction with the “mouth” of the key channel – makes inserting the key very easy.

The WSM system can be combined with the electronic locking and access control solutions available from CES.



## WSM system in line with DIN 18252/EN 1303

### Strong nickel silver key

Very handy and made according to DIN standard. The key shank is at least 14 mm long and perfectly suited for commercial armatures with cylinder covering. Inserting the key into the cylinder is easy thanks to a specially shaped and patented key tip. A guiding groove along the entire cylinder plug ensures a positive transfer of the key torque and prevents breaking of the key.

### Locking bar technology

Thanks to the use of locking bars, the locking surfaces are multiplied which guarantees the long-term functioning of the system.

### Security card

At CES, replacement orders and extensions of systems are only possible against presentation of the security card supplied with the system.



## Options and extras

### Modular system

Profile cylinders of the WSM system are also available in modular design. This means that the length of these modular cylinders can be adapted to the thickness of the door on site, saving both time and money.



### Optional anti-drilling and anti-pulling protection

Additional hard-metal pins and plates in the hull and on the cylinder plug face offer protection against all common picking methods.

### Bump-proof version

### Sea-water resistant version

### Wear resistant version

### Colours

Cylinders are available in a wide range of finishes. Upon request, a cylinder with two finishes can be delivered as well, in modular buildup.

### Furniture / special cylinders

The WSM series is also suitable for furniture and special cylinders from the CES range.

### Electronic access solutions

WSM cylinders are compatible with all electronic locking systems available from CES.