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| Technical Data | ix 6SR |
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Picture



Lock and Key Technology

Each side of the lock has 5 sprung, solid tumblers, arranged axially
 Comprises 10 sectionally arranged core and housing pins
 Solid pin tumblers with a minimum diameter of 3mm, made from tempered bronze/steel, hardened and chemically nickled
 Smallest locking unit across the pin tumblers, solid pin with a minimum height of 0.8 mm
 Waisted core and housing pins
 Up to 12 positively fed, solid revision pins, arranged vertically and horizontally on two levels

One-piece cylinder housing made from solid brass, surface treated with several galvanised layers. high protection against corrosion
 Cylinder core made from solid brass, one-piece, with a minimum diameter of 13 mm
 Core with horizontal basic profile which protects the sides of the truncated cone pin heads to optimise locking security
 Concave core head as an aid to inserting the key
 Core head with horizontal groove for positively locked transfer of torque when closing and opening
 One-piece locking yoke made from sintered steel
 Reversible key made from nickel silver, non-corrosive, with a deep serration set sectionally in the direction of the key channel
 Horizontal keyhole
 Key with cheek-shaped tip that matches the shape of the truncated cone pin heads
 Up to 21 lock authorisation requests per key
 Trough bores with optimised angle cuts of the flank angle

Compatibility

ClipTac shape of key head precisely tailored to DOM ClipTac

Protection

Patent Protection until 2021
 European Patent Number / 1) EP 01983604 2) EP 03734711
 Technical Description / 1) skew floating roller 2) axially movable locking bar

DIN EN 1303

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Durability

Grade 6
 at least 100,000 cycles (according to DIN EN 1303)

Fire Resistance

Suitable for fire and smoke resistant door assemblies subject to satisfactory assessment of the contribution of the cylinder to the fire resistance of the specified fire/smoke door assemblies.

Corrosion Resistance

Grade 3 DIN EN 1670 Corrosion resistance and to -20/+80°C temperature extremes

Key Security

Grade 6
 100,000 Minimum number of effective differs
 6 Minimum number of movable levers, pins or discs.
 No coding on key could disclosure combination
 Torque resistance of plug fixed at 15Nm

Attack Resistance

Grade 2
 Resistance to drilling for 5 mins
 Resistance to chisel attack (40 defined blows)
 Resistance to twisting attack (30 defined twists)
 Resistance to plug/cylinder extraction for 15kN

Product Range Available

Euro Profile Cylinders
 Oval Profile Cylinders
 Rim Cylinders
 Screw Mortice Cylinder
 Padlock
 Heavy Camlock