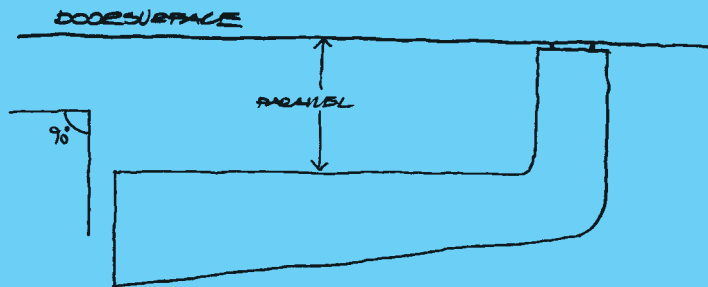


SCHMIDT HAMMER LØBSEN DESIGN | 2009/11/30 LVD



TOP VIEW OF DOOR HANDLE.

shl design:  
about the range

The shl design lever handle is based on the transformation of a simple oval section as it moves through from the junction with the door to the end of the grip. In twisting the oval section through 90 degrees as it turns from neck to grip it flattens to accommodate the hand, giving strength to the handle where it is most needed and a slender profile as it terminates so that it appears to fade to a delicate section. The oval profile reduces the handle's visual impact to create an elegant lever imbued with the classic modernist sensibility of Danish design.

The range also embraces a pull handle, turn, indicator and coat hook, all based on the same oval section to create a coherent internal language.

The handles are available with either round roses or long rectangular backplates which can accommodate key escutcheons, turns and indicators for a neat, self-contained and integrated ironmongery suite.

The shl design range is manufactured in the UK in 316 grade satin stainless steel. The handle is also supplied with a birch bark grip, a material being used for the first time on a contemporary door handle. The birch bark is extremely robust, naturally anti-bacterial and from renewable sources — an exemplary green handle.

shl design:  
about the designer

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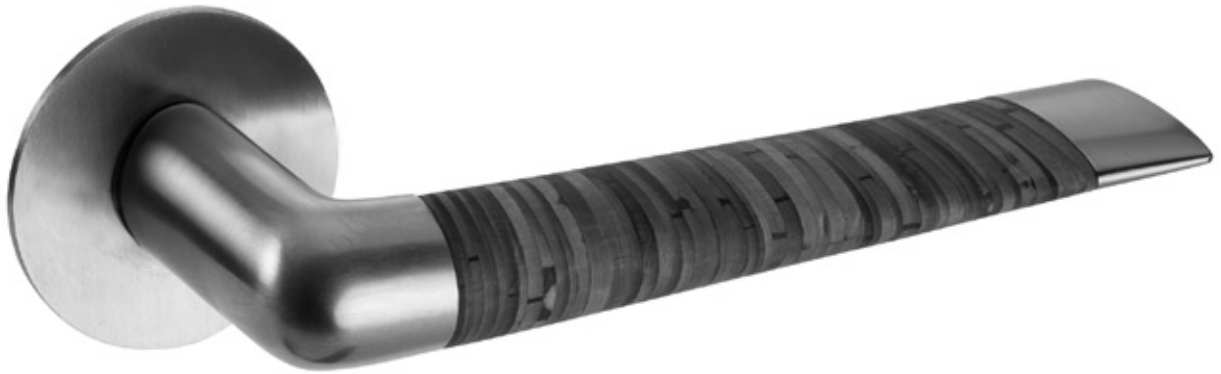


The shl design range was designed by Lars Vejen, head of shl design. Vejen was born in 1971, educated at the Aarhus School of Architecture, Denmark with a stay in Kyoto, Japan in 1995. He graduated in 1996 and since then has been working with furniture/product design and interior projects at schmidt hammer lassen design in close collaboration with schmidt hammer lassen architects, clients and partners. Designs include not only commercial furniture but also street furniture, taps and both indoor and outdoor lighting for a wide range of international manufacturers.

[www.shldesign.dk](http://www.shldesign.dk)

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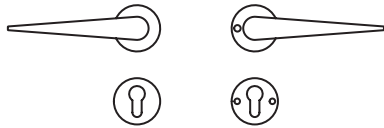
SHLL04

length  
145 mm

projection  
60 mm

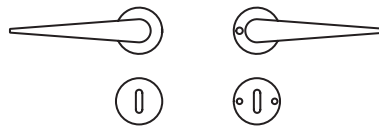
shl design:  
lever combinations

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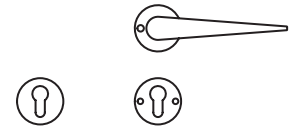
Locking function:  
cylinder operation from both sides

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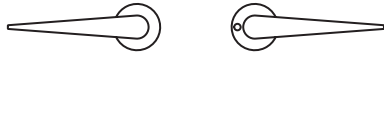
Locking function:  
lever key operation from both sides

---



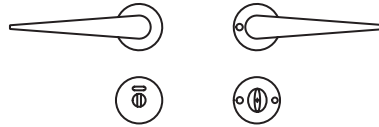
Locking function:  
cylinder operation from both sides

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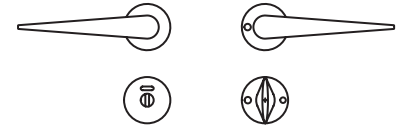
Latch function:  
lever only from both sides

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Bathroom function:  
standard thumb turn with indicator

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Bathroom function:  
accessible thumb turn with indicator

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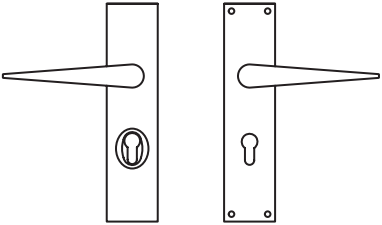
SHLL02

length  
135 mm

projection  
60 mm

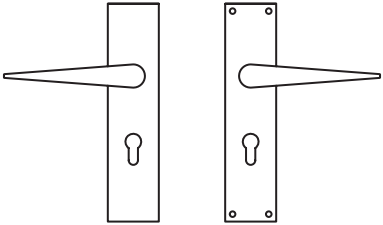
shl design:  
lever combinations

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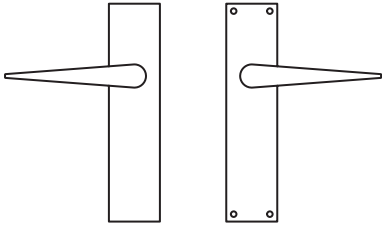
External locking function:  
cylinder operation from both sides – security escutcheon

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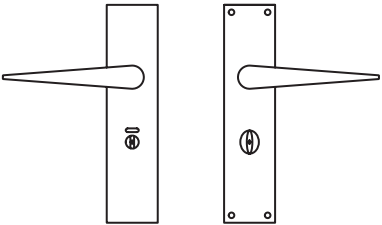
Locking function:  
cylinder operation from both sides

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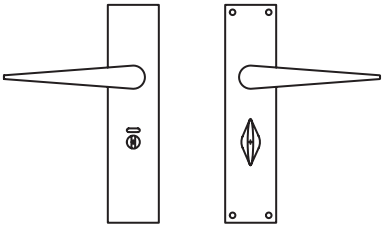
Latch function:  
lever only operation from both sides

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Bathroom function:  
standard thumb turn with indicator

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Bathroom function:  
accessible thumb turn with indicator

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SHLL01

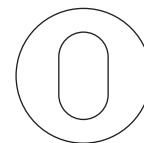
projection  
60 mm

length  
145 mm

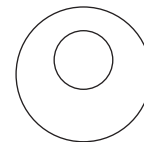
SHLE01  
[euro profile]

diameter  
50mm

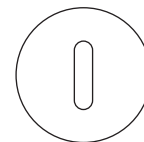
shl design:  
alternative profiles



SHLE02 [oval profile]



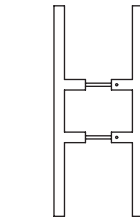
SHLE03 [swiss profile]



SHLE04 [lever key]



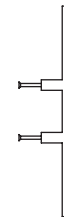




back-to-back fixing



secret face fixing



bolt-through fixing

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SHLP01

length  
400 mm

projection  
60 mm

shl design:  
alternative pull fixings





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SHLT01

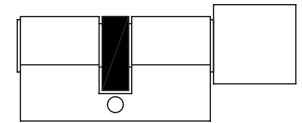
height  
235mm

width  
55mm

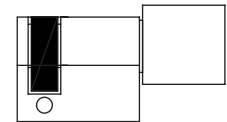
SHLT03

projection  
25mm

shl design:  
turns

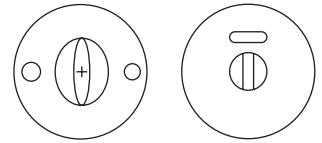
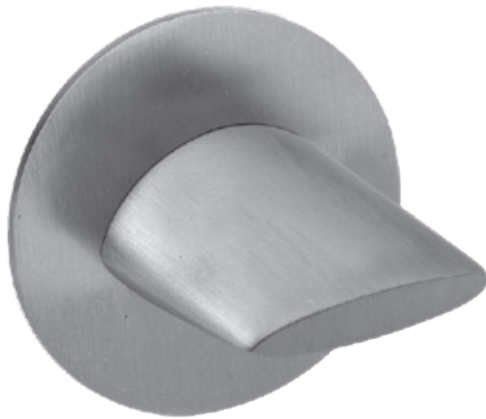


standard turn with indicator

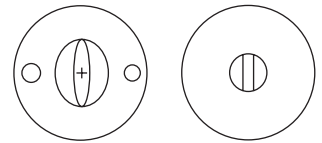


standard turn without indicator

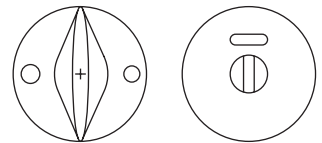




standard turn with indicator



standard turn without indicator



accessible turn with indicator

SHLT01

rose diameter  
50mm

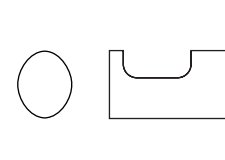
projection  
25mm

shl design:  
turns

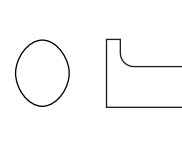
SHLH01

projection  
45mm

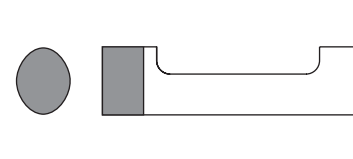
shl design:  
types



SHLH01  
[coat hook]



SHLH02  
[small coat hook]



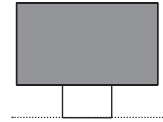
SHLDS03  
[buffered door stop / wall mounted]



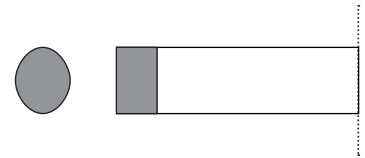


SHLDS03

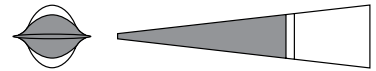
projection  
95mm



SHLDS01  
[door stop / floor mounted]

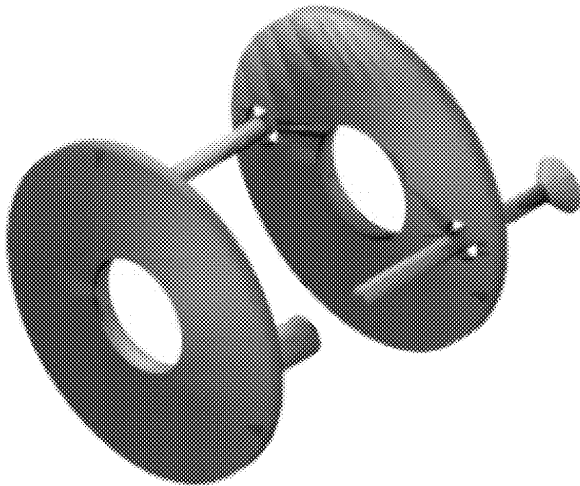


SHLDS02  
[door stop / skirting mounted]

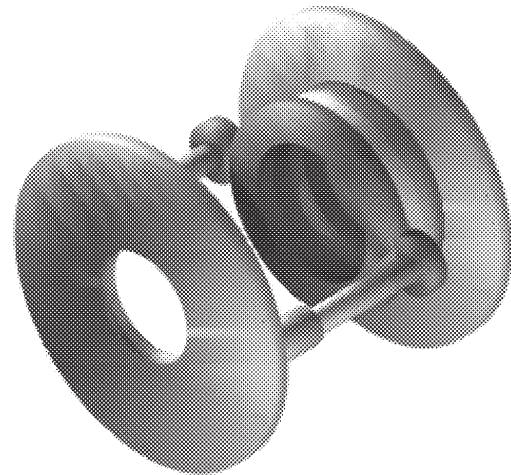


SHLDS04  
[door stop / loose]

shl design:  
types



Education fixing: This type of fixing utilises a female lug system on the outside of the door to create a highly secure concealed fixing, whilst maintaining the slender aesthetic of using slim solid roses. The inner rose has visible bolt fixings that pass through the door and the lockcase into the lugs on the outer rose, which provides its strength.



Spenger fixing: It works in a similar way as the education system, however, the inner handle has a sub-rose which is mortised into the face of the door. The inner rose is screwed into this to achieve a fully concealed fixing to both sides. The advantage of this system is that there is still the same level of security from the outside, whilst looking slender with slim solid roses.



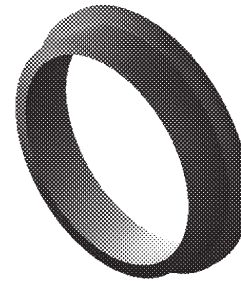




Flush fixing: izé has developed a fully flush fixing version of its Spenger fixing system that, when fitted, leaves the handle rose flush to the face of the door. Although additional joinery work is required to the face of the door, this system still uses bolt-through fixings to maintain a high level of security.

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izé:  
fixing systems



izé has developed a unique bearing system which provides a very low friction operation, precisely manufactured to eliminate movement between the handle and rose. Manufactured in bronze, the bearing is impregnated with oil to make it self-lubricating, out-performing almost everything else on the market.

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izé:  
bronze bearings

izé:  
cylinders

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The performance and security of cylinders is of paramount importance to any ironmongery package. izé uses the highest quality cylinders, manufactured to exacting standards, to give a level of reassurance suitable for any project.

The majority of izé projects are supplied with a solid edge or dimple key system, providing unsurpassed levels of key security and master keying options, whilst the properties of the mechanism make it a real joy to use. All major profiles are available within the system, so Euro, Oval, Swiss and Scandinavian profiles are all available, as well as round rim and threaded cylinders.

izé cylinders can be supplied in a multitude of finishes, so matching these with the chosen range of ironmongery is a real possibility not normally realised.

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izé:  
locks & lockcases

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The quality of the lockcase critically contributes to the feel and performance of any handle, where a precise action provides positive feedback through the hand. For this reason izé uses the very best available mechanisms within its ironmongery packages, to enhance the feel of the handle set.

The lock springing tension can be individually tuned to a handle to achieve the required return strength across a whole range of locks, regardless of their function. In most cases we would use an anti-friction latch-bolt to reduce the force required to close the doors, as well as adjustable strike lip lengths to avoid unsightly lip projections.

Lock forends and strikes can be finished to match any of the izé standard finishes, so a fully coordinated suite of ironmongery can be specified where the visible parts of the lock fully match the ironmongery on the doors.

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notes

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izé:  
about the maker

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Founded in 2001 in an attempt to reconcile the realms of architecture, design, art and manufacture, izé develops and manufactures bespoke and production door handles and related hardware. Working with architects and industrial and interior designers, izé aims to create products which make the everyday rituals of using space more pleasurable and meaningful through an enhanced sense of touch and material. izé has worked with designers including Zaha Hadid, Kenneth Grange, Sebastian Bergne, Sergison Bates, Mark Pimlott, Eric Parry, David Adjaye, 6a and shl design among many others.

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izé:  
contact and enquiries

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W [www.ize.info](http://www.ize.info)  
T +44 20 7384 3302  
E [sales@ize.info](mailto:sales@ize.info)

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design: Marcos Villalba

