

BOS

Best Of Steel

Steel Frames for Experts



Steel Frames
Stainless Steel Frames
Fire Protection Glazing

From the market leader!

Developed Competence

Specialists since 1967

BOS Best Of Steel has been manufacturing steel frames for doors and windows for over 40 years. Consistent customer orientation, reliability and punctuality as well as flexibility are the main foundations of our company.

BOS is the market leader in Germany and leading in many other European countries.

As a supplier of systems and a problem solver, we place great value on a high level of quality in all areas. The service each employee offers our customers contributes decisively to our mutual success.



Consequent quality control

Contents:

Page

- 3 Steel frames in use
- 4 Top-light / Side part frames
- 5 Stainless steel frames
- 6 Frames for particular comfort
- 7 Sliding door frames
- 8 Renovation frames
- 10 FlamTec Fire protection glazing
- 11 Standard frames according to DIN 18111
Steel has many advantages
- 12 Functional fittings and provisions –
an extract
- 13 Steel frame types
- 14 Hinge systems
- 15 Available fittings

Integrated QM-System

TÜV NORD CERT
GmbH
DIN EN ISO 9001
Freiwillige Zertifizierung

Quality

TÜV NORD CERT
GmbH
DIN EN ISO 14001
Freiwillige Zertifizierung

Environment

TÜV NORD CERT
GmbH
OHSAS 18001
Freiwillige Zertifizierung

Safety

EMAS
Certified
Eco-Management
WEEE REG. NO. 774-40008

Gütezeichen RAL
Tore · Türen · Zargen
RAL-RG 6111/5-22
Stahlzargen

FACHBERATER BARRIEREFREIES BAUEN
DIN
Geprüft

BOS is a DIN-certified specialist planner for barrier-free building!

According
to
DIN
18111

BOS standard frames are produced according to DIN 18111 Parts 1 and 2. BOS non-standard frames are produced according to DIN 18111 Part 3.

Similar
to
DIN
18111

BOS special frames are produced following the DIN 18111 regulations.

Steel Frames in Use

Programmes for Special Buildings

BOS Best Of Steel has been producing steel frames since 1967 in countless varieties for the most diverse types of requirements in buildings, from "A" for administration right through to "Z" for zoos. Our frames can be found everywhere, from cellars to penthouses, suitable for the respective area of use.

We are continually optimising the steel frame. Our aim is to be able to join any door with any wall perfectly, taking the specific door technology into account. This means customized co-ordination of design, function and efficiency.

Our consultants know the specific demands of the construction industry and are therefore able to plan on a par with you. Over the years we have gathered expert knowledge in many special areas of use in addition to those of administration and residential buildings.

Here are a few examples:

- **Barrier-free living
(in comfort, without restrictions)**
- **Clinics and hospitals**
- **Schools and universities**
- **Kindergartens**
- **Renovation**
- **Hotels**



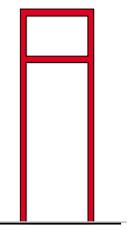
We can offer ideas for solutions relating to all these areas – in internet, on paper or verbally.

Due to our long-standing operation as specialists, we also have a wide range of further experience in many different fields. We are acquainted with the particular demands in areas such as banks, department stores, elevators, laboratories, multistorey buildings, prisons, sports halls, swimming pools etc.

We have many solutions on hand or we are happy to work out individual specific solutions with you together.

We look forward to hearing from you.

Top-Light Frames / Side Part Frames

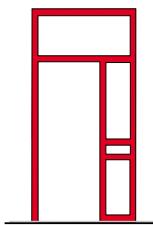
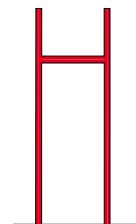
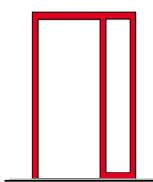


Commercial Buildings

Steel frames are especially suitable for the demands of commercial buildings because of their sturdiness and durability.

The diversity of the various profiles and a wide range of designs in every conceivable shape and size fulfill the highest architectural and functional demands.

BOS top-light and side part frames offer extra window area and thus contribute to light and friendly working places.



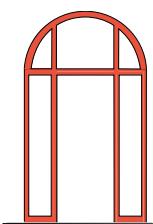
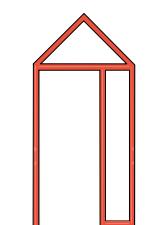
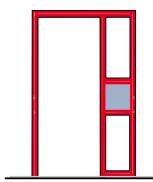
Elegant room entrance

Ideal for apartment entrance areas (light hallways)

Modern office atmosphere through the use of a side part frame with glass

Households

In living areas steel frames offer a special touch:



The frames can easily be adapted to match new furnishings by simply applying a coat of paint without the need for replacement! Families with children particularly appreciate the durability.



The best lighting conditions in interior rooms

The robustness of a steel frame speaks for itself

Steel frame element for an all-glass door with top-light

Stainless Steel Frames



Noble Steel

Stainless steel is outstanding where the climate conditions are extreme or where there are particularly high demands concerning hygiene, architecture or visual effects.

The decorative polished surface of stainless steel is impressive due to its smooth structure which is also an important requirement for meeting the highest demands in hygiene and cleanliness.

In sophisticated projects, for example in clean room production or in clinics, more and more elements are used which combine functionality with modern design.

BOS offers the right frame for every area of use: in Premium, Design and Top Quality or untreated for later on-site coating, in stainless steel/inox 304 (= 1.4301) or 316 ti (= 1.4571).



High resistance in humid rooms



With integrated lighting



Noble ambience in administration buildings



Functionality in clean rooms

Frames for Particular Comfort

Highest Standard of Convenience without Stumbling Blocks

Convenience and comfort are in demand for all age ranges these days. Whether young or old, the growing requirements are manifold.

BOS meets these requirements with many products and offers a wide scope of detailed solutions.

Apartment entrance frames in the required through-way widths make entry easy and comfortable. In steel, stainless steel and on request with the tried and tested BOS powder coating, they are extremely durable and resistant to damage.

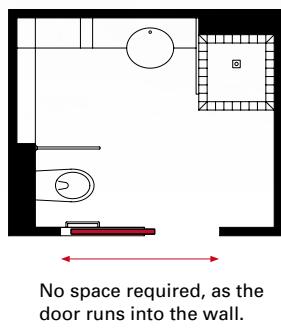
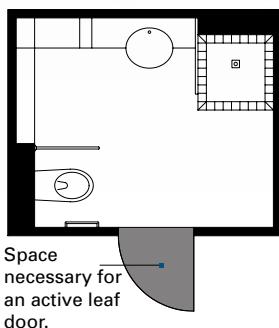
BOS steel frames fulfill the demands for breaking and entry, fire and sound proofing with many tested door leaves. Provisions for door closers, electric door openers or triple locks are just a few of the possible accessory details.



Extra wide apartment entrance frame



Comfortable entry – barrier-free



Advantages of the BOS sliding door frames:

1. Optimal use of the whole room, as no space is needed to open a door.
2. A sliding door frame in the required extra-width allows for a comfortable through-way as well as for easy passage with a wheelchair.
3. LineaCompact can be used in dry walls from 100mm.

For utmost comfort, the sliding door frame can be equipped with a provision for an electric drive.

Active leaf doors are obstructive in small rooms and require a lot of space.

The ideal solution!

Sliding door frame
LineaCompact: No space is needed for an active leaf door. More freedom of movement and space because the door runs into the wall.



Guaranteed expert service:
BOS is a DIN-certified specialist planner for barrier-free building!

Sliding Door Frames

Ideas Create Space

Sliding door frames offer the ideal solution where space is limited. They allow for more room as the area needed for opening a door is not necessary. All commercial sliding doors made of wood, stainless steel or glass can be combined with these frames.

BOS sliding door frames are robust. Manufactured from steel or stainless steel, they can withstand knocks and meet the highest hygiene requirements. On request the frames are also available with proven BOS powder coating.

Sliding door frames are especially suitable for areas of use such as operating theatres, industry (food and chip production) or where wider through-ways are required.

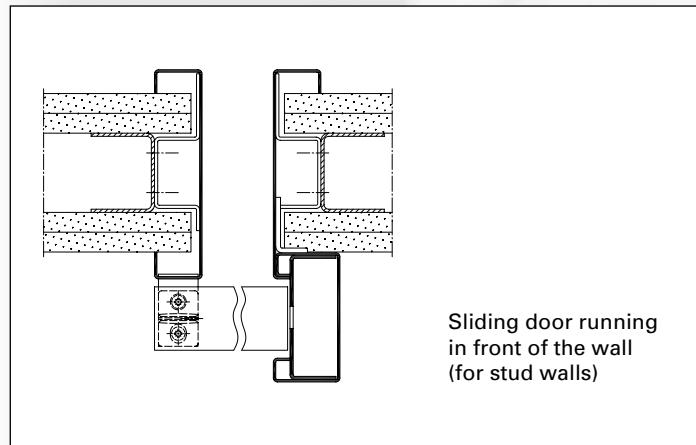
For particularly fast installation the LineaCompact sliding door frame is recommended. It is pre-mounted as one part and the case design allows a fast, stable and cost-saving installation. Starting from a minimum dry wall thickness of 100mm, the LineaCompact can be used with a 40mm door.

All sliding door frames can be equipped with the provision for an electrical door opener to increase the comfort of use.

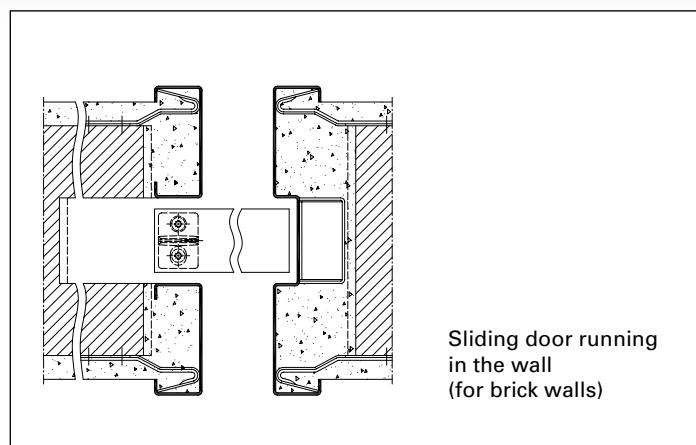
BOS Sliding door frames – in trend with the time.



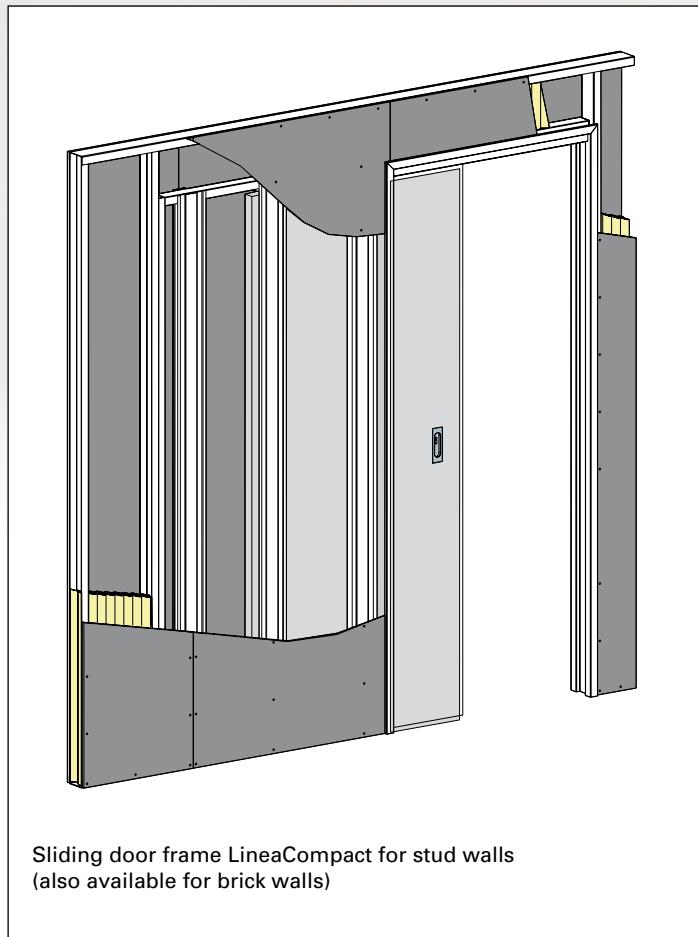
Stainless steel for the highest hygiene requirements



Sliding door running
in front of the wall
(for stud walls)



Sliding door running
in the wall
(for brick walls)



Sliding door frame LineaCompact for stud walls
(also available for brick walls)

Renovation Frames

Residential and Commercial Buildings

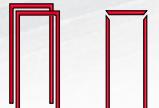
2 part split or 3 part frames for subsequent installation are the best solution for renovation sites. Renovation frames can be installed either into a finished wall opening during the building phase or into a completed room. 2 part split frames can be installed over the existing frames on request.

Renovation frames are available in a wide range of designs with various fittings, for example with oblong cut-outs for foaming on-site or as a corner frame with a special diagonal attachment for the brick wall.

The right solution for every type of wall!



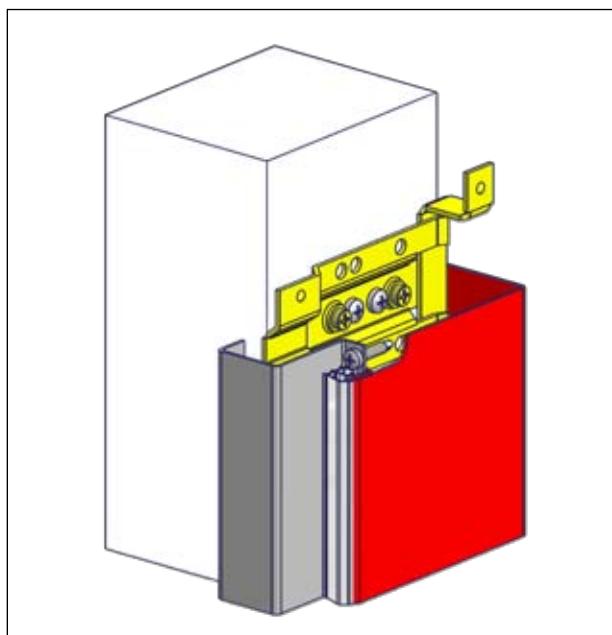
We highly recommend our proven BOS powder coating in all RAL colours for the renovation frames.



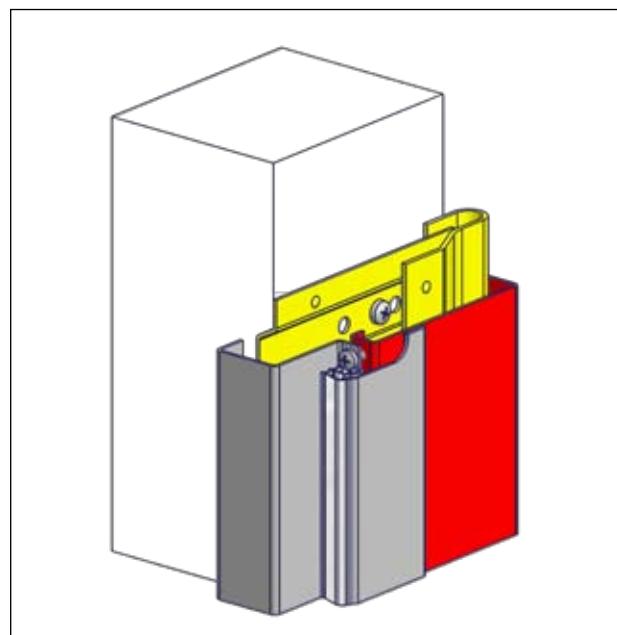
All BOS renovation frames are available primed, powder coated or in stainless steel and are suitable for both brick and stud walls.



Functional and decorative



Duo 15ZBud, 2 part split frame



Type K, 2 part split frame: Due to receiving opening adjustment, wall tolerance compensation of -5 to +15 mm

Renovation Frames

The BOS Range Offers Manifold Possibilities:

Duo 15Z Quick-build frames

This frame is particularly easy to install due to the patented levelling anchor with guiding anchor. The simple adjustment of the anchor via the levelling screws makes padding superfluous. The standard guiding anchors guarantee maximum stability.

Renovation frames Type K

The frame Type K is especially suitable for walls with wall thickness tolerances, as the receiving opening can be adjusted from -5 to +15mm.

Renovation frames Type E

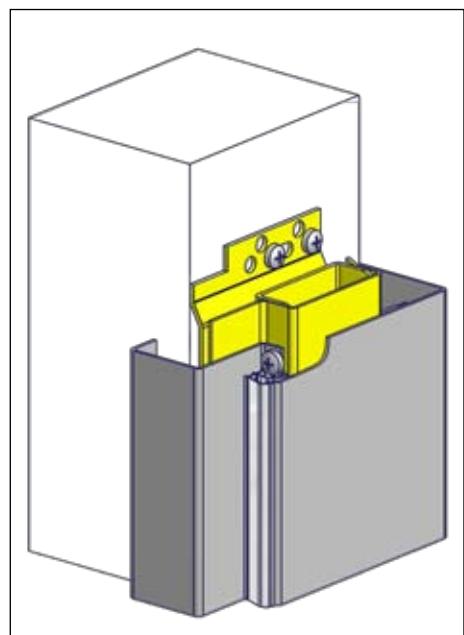
The frame Type E is especially suitable for walls with wall thickness tolerances, as the receiving opening can be adjusted from -10 to +10mm. Additionally, the blind rebate in the soffit gives the frame a stylish architectural flair.

FLEX®

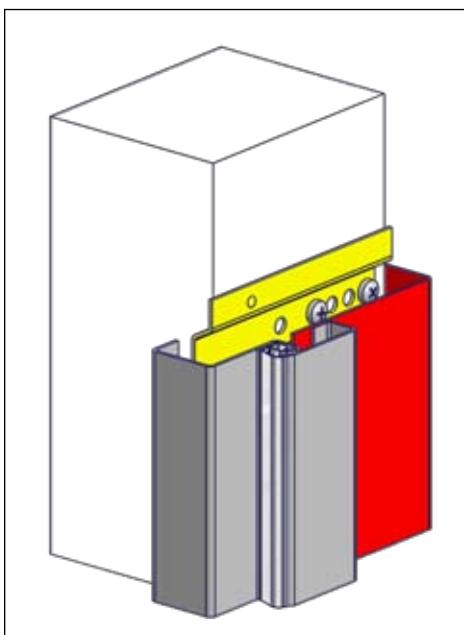
The FLEX® is a 3 part frame for subsequent installation in stud walls. The new, concealed BOS anchor system additionally allows for installation without visible screw connections. By simply pushing the frame onto the pre-mounted anchors, a quick installation as well as a secure placement is ensured. As the frame is in 3 parts, it also allows for cost-effective transportation.

Corner frame with diagonal screw connection

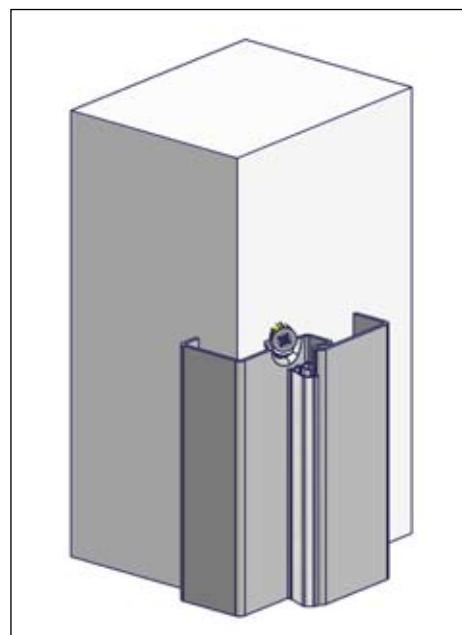
The installation of the corner frame via the diagonally placed screw connections behind the seal guarantees an optimal fitting with the highest stability and secure fastening to the brick wall (not suitable for stud walls).



FLEX®, 3 part frame



Type E, 2 part split frame: wall tolerance compensation from -10 to +10mm



Corner frame with diagonal screw connection

FlamTec

Fire Protection Glazing

FlamTec fire protection glazing in F30, F90 and G30 for interiors provides maximum protection. A variety of frame profiles, window designs and surfaces offer a high level of individuality.

Whether as single glazing, as an element for increased sound proofing or in combination with a sight screen, a wide range of solutions are conceivable.

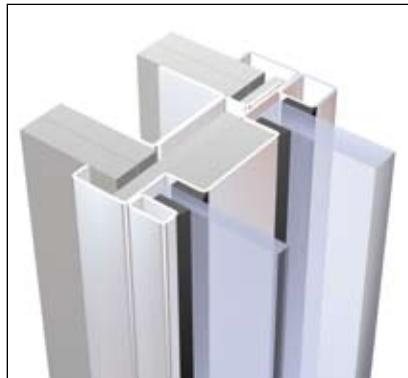
FlamTec fire protection glazing is available as 1 part or, for subsequent installation, in a 2 part split design and can thus be installed in every building phase.



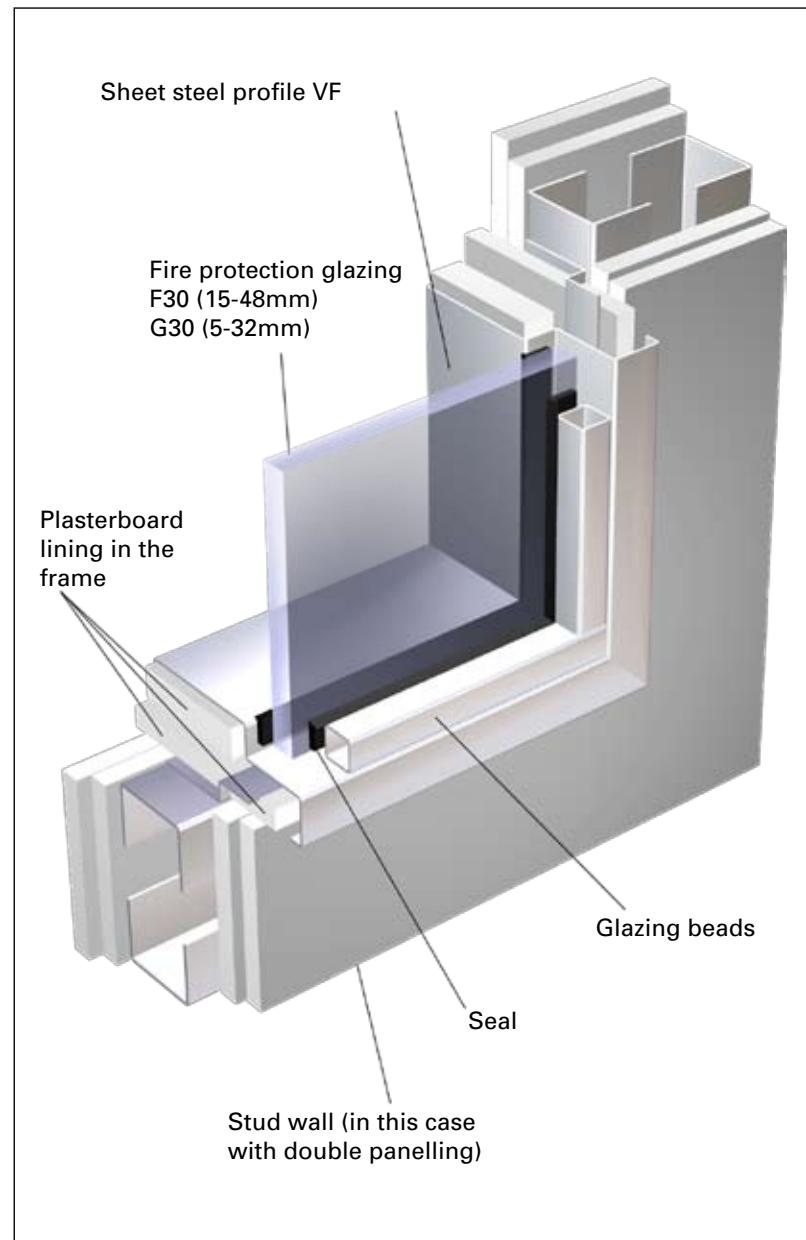
FlamTec VFM (G30/F30)



FlamTec VFp (G30/F30)



FlamTec VFZ2p (G30/F30)



FlamTec wall construction

Standard Frames according to DIN 18111

High Standard with Integrated Advantages

BOS standard frames are manufactured out of 1.5mm hot-dip galvanized steel according to DIN 18111.

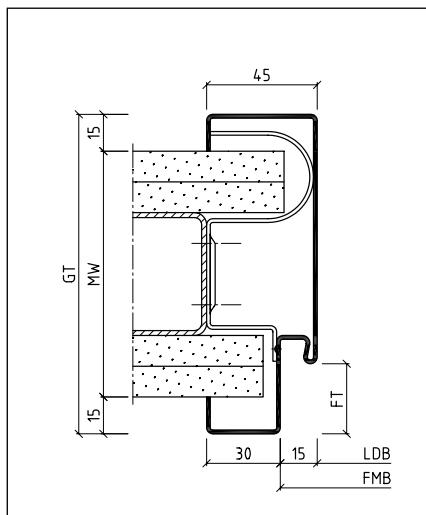
Standard frames are suitable for brick walls, light weight partitioning and stud walls.

Advantages:

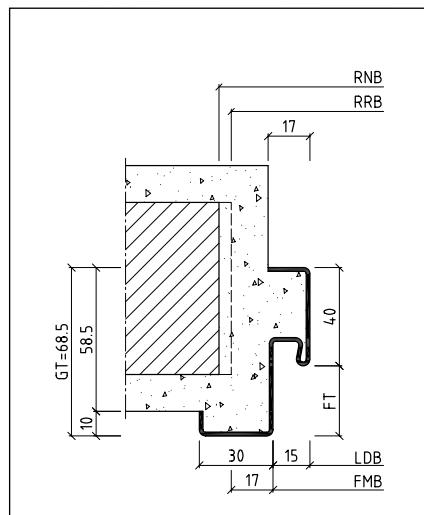
- BOS standard frames are useable left or right.
- The BOS primer offers a high adhesion for the covering paint due to its special formula.
- The BOS primer is manufactured on a water basis and therefore particularly environment friendly.
- Due to the BOS method used for priming, time can be saved when roughening the surface before painting.
- Available at short notice from stock.
- Also available as a 3 part version for optimal transportation (Quick-Set).



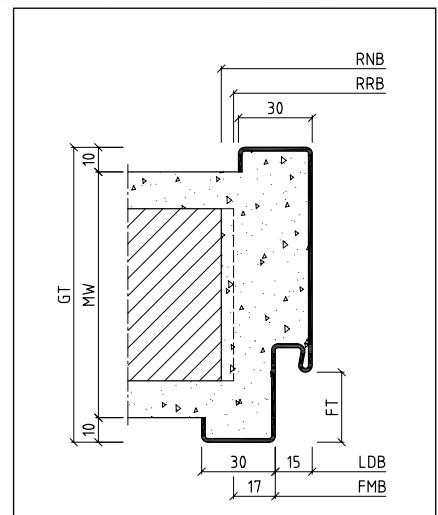
Available at short notice from stock



Standard frame for stud walls



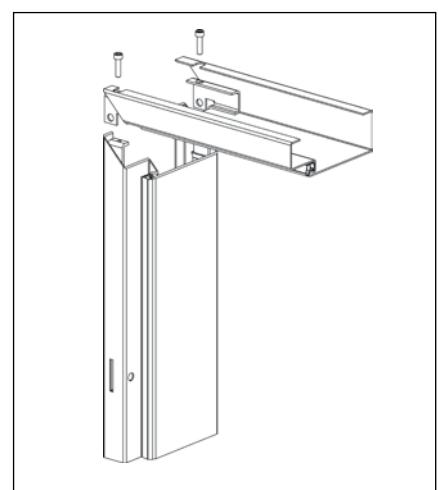
Standard corner frame for brick walls



Standard frame for brick walls

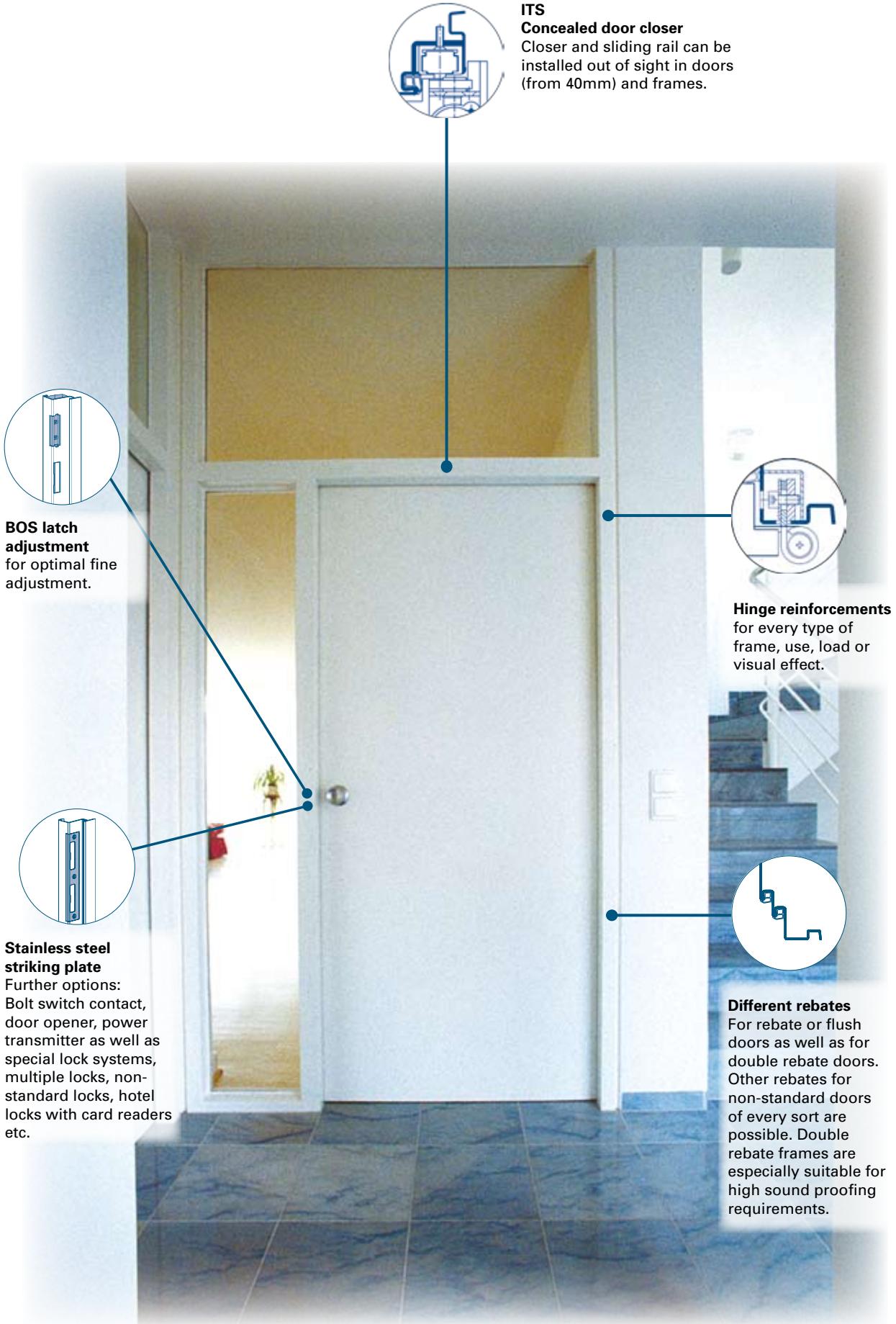
Steel has many advantages:

- Steel is robust: steel frames can withstand knocks and bangs.
- Steel is attractive: steel frames offer a noble visual effect and fit into every furnishing concept.
- Steel is colourful: steel frames are available in all RAL colours.
- Steel is diverse: available as round, shadow groove, slanting soffit frames etc. Individual designs are possible, even in small numbers.
- Steel is versatile: with a suitable door leaf, steel frames meet many sound proofing and anti-theft requirements.



Bud Quick-Set

Functional Fittings and Provisions -Extract-



Steel Frame Types

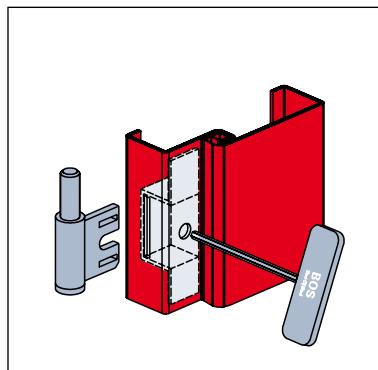


Standard frames according to DIN 18111 	3 part standard frames according to DIN 18111 	Duo 152 two part split frames 	Sliding door frames
Double leaf frames 	Side part frames 	Switch cover frames 	Round arch frames
Top-light frames 	Timber/glass infill frames 	H-frames 	Telescopic pillar frames
Top-light/side part frames 	Element frames 	Attic frames 	Through-way/counter frames
Elevator frames 	Sports hall/Soffit frames 	Double acting door frames 	Expansion joint frames
Radiation protection frames 	"SafetyDesign" frames 	"GlasTec" Glazing systems 	FlamTec Fire protection glazing

Hinge Systems

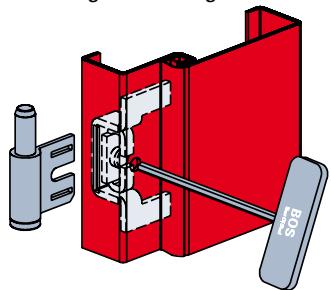
BOS offers a huge choice of hinges in order to meet the wide variety of demands.

Whether for large or heavy doors, for areas of heavy use or when concealed hinges are required - BOS has the ideal solution for virtually every area of use.

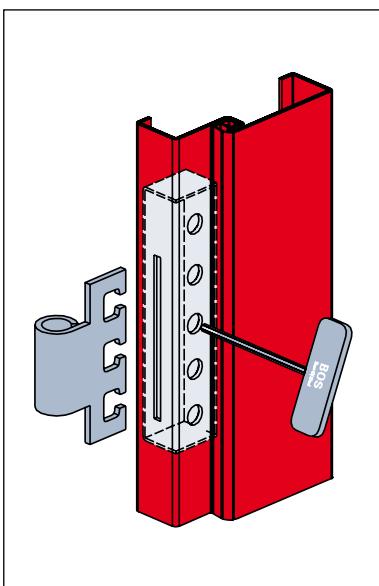


BTV10200

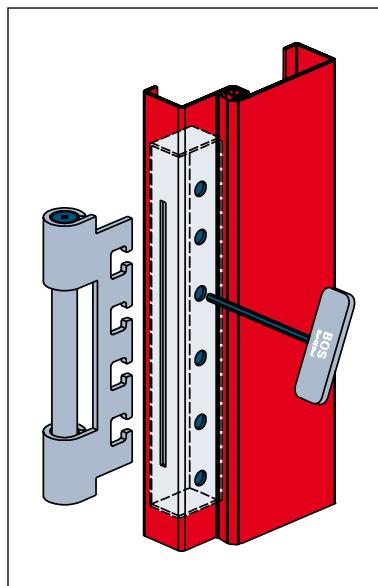
Not suitable for mortaring or foaming!



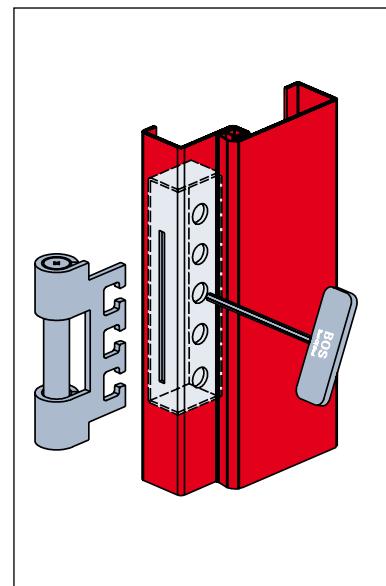
V8618



BVX11000



BVN11160



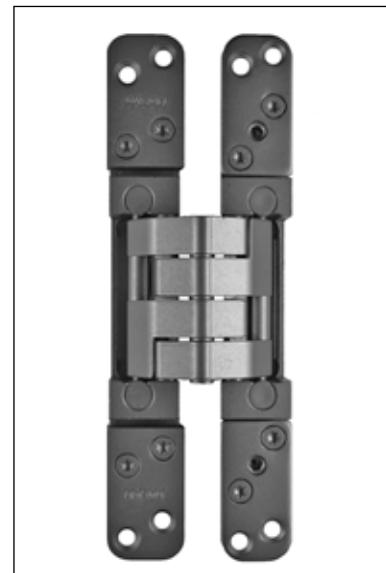
BVN11100

Concealed hinges

The demand for concealed hinges is increasing. BOS has responded to this customer requirement and can offer the provision for such hinges (system Tectus or BaSys) in many of its frames.

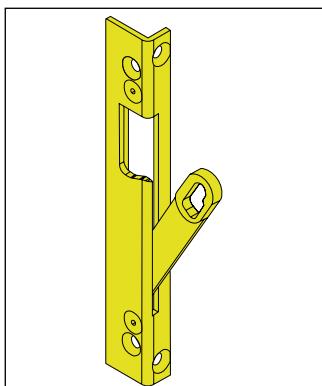


Tectus TE 510 3D

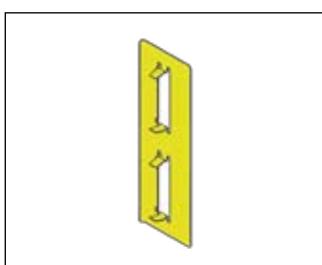


BaSys DX 100 3D

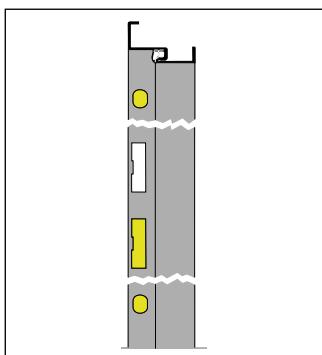
Available Fittings



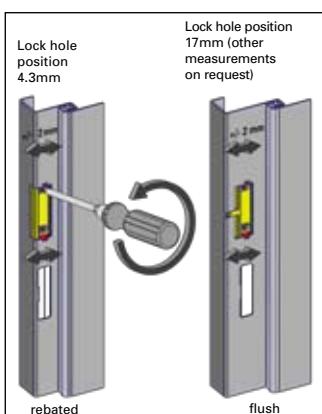
Door gap security restrictor
For added safety when opening the door.



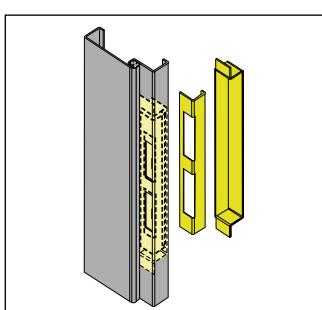
Clip & Cover
Stainless steel latch entry guard
The clever way to protect the paint around the latch entry from signs of use.



Triple lock
For better security when the door is locked through 2 additional locking points on the lock side.



Latch adjustment
For simple and also subsequent adjustment, giving the optimal pressure against the seal which in turn provides better sound protection and is effective against door rattling.

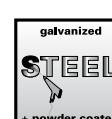


Lock hole reinforcement
For theft protection and better durability of frequently used doors.

BOS frames can be given provisions for a wide range of fittings thereby offering optimal function, e.g.:

- Electric door openers
- Bolt switches
- Magnetic switches
- Cable loops
- Hinge side safety guards
- Closed circuit openers
- Block locks
- Stainless steel striking plates
- Earthing strips
- Hotel locks
- Switch openings
- Door gap security restrictors
- Triple locks
- Top door closers
- Integrated door closers
- Ground door closers
- Sequential control locks
- Earthing connection boxes
- Lock hole reinforcements
- Automatic revolving door operators
- Automatic sliding door operators
- Peg hinges for doors with swivel sockets
- Window blind fixtures
- Lead linings
- Noise suppression inlays
- Plasterboard inlays
- Mineral wool inlays (transom bar)
- Multiple locks
- Various seals
- Various anchors
- and many more ...

Possible surfaces



Speciality is our Standard

BOS is the market leader in steel frames. We meet the high expectations demanded from us not only concerning the high quality of BOS products but also in the area of our excellent advisory, delivery and after-sales service. The special, non-standard and standard frames are delivered as quickly as possible depending on the customers' requests. The special BOS high speed delivery programme is clear proof of our capability.

You can count on us!

Reference object:
Sparkasse,
Münster

Extra short delivery times

BOS high-speed programme:

5 working days + logistics

Please ask for details.

BOS Service

- Detailed tender specifications
- Competent architect consulting service
- Telephone: +49 2572 - 203 204
- Fax: +49 2572 - 203 209
- E-Mail: architekten@BestOfSteel.de
- Web: www.BestOfSteel.de

Your specialist retailer:

