



OBJECTA®

Heavy Duty Series

Hinge systems for commercial
property doors





Photographer: Daniel Vieser, Architekturfotografie



OBJECTA® Heavy Duty Series

Consistent system technology is the key design feature that characterises our range of **OBJECTA®** Heavy Duty Hinges. By making use of fixing screws and the special bearing of the hinge axle, the individual hinge components can be exchanged as needed. Not only are the leaf parts for rebated or flush doors exchangeable, but the frame parts for wood and steel door frames are as well. These can also be replaced on site after the door has already been mounted.

In addition, the fixing screws also provide burglary protection, because once the door is closed, the hinge axle cannot be removed. An added benefit that is characteristic for the entire range of Heavy Duty Hinges and offers quality far beyond the accepted standard.

The varying demands in interior design in terms of door geometry, door

weight, safety aspects and fastening systems are satisfied entirely by the range of products offered. Hinge lengths ranging from 100 to 160 mm are available. We can also offer 160 mm hinges as reinforced design options for extreme loads until 350 kg per pair. For those who prefer the lean look: a design with a mere 15 mm or 18 mm roller diameter offers an elegant design option. The most important aspect to consider is that whatever the choice, the load capacity values are equally strong.

The hinge designs made of steel or stainless steel have identical material thickness – this means no need to make any adjustments for the cut-outs.

For added stability Heavy Duty Hinges can also be supplied with security studs or also with hinge pivots.

The benefits at a glance.

BaSys **OBJECTA®** Heavy Duty Hinges are quality products for the highest demands in safety, functionality and easy assembly. These are the benefits at a glance.



All Heavy Duty Hinges are equipped with a fixing screw. This guarantees system intrinsic burglary protection.

Because of a special bearing design, the hinge axle can easily be removed from the top or the bottom. This way, the hinge elements can be replaced easily and as often as you like.

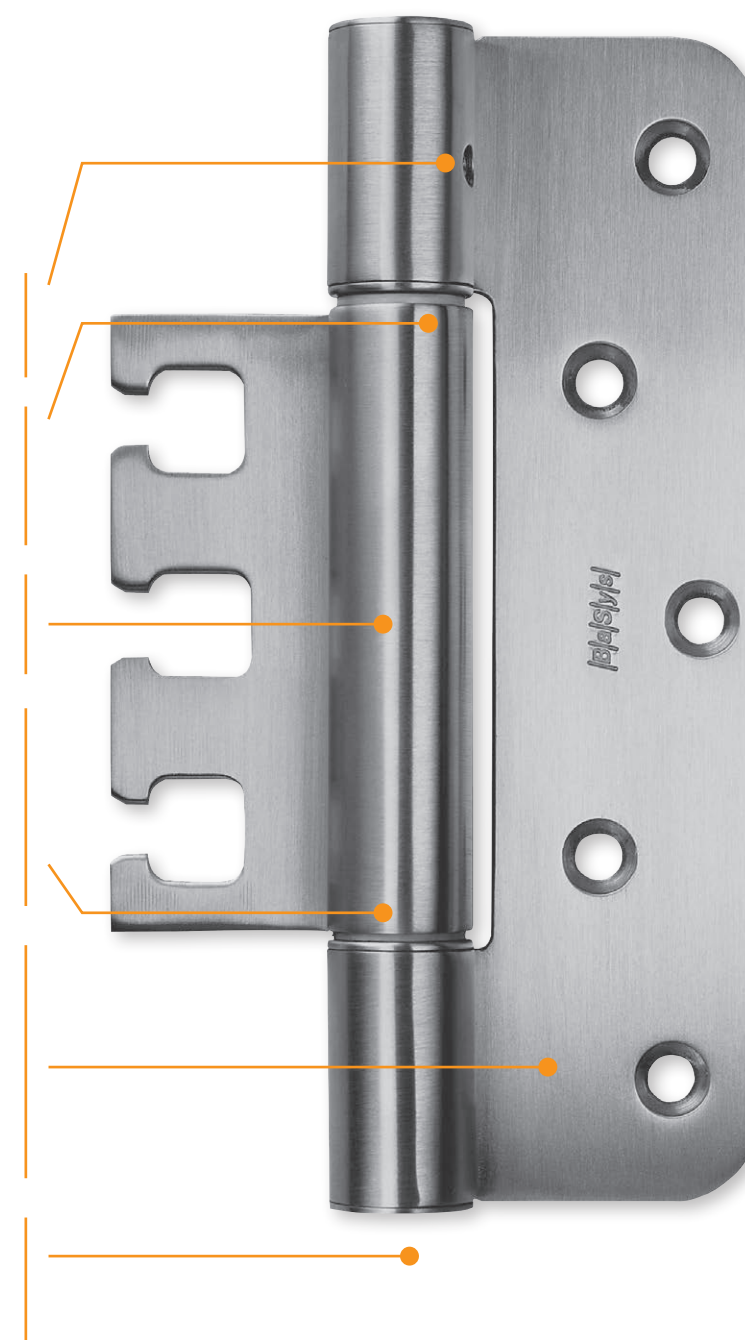
Roller diameter of merely 15 mm or 18 mm is available. Offers an elegant look with the same amount of load capacity.

The flange bushings guarantee maintenance-free bearing. As a result of the increased size of the sliding surface, the hinges offer excellent sliding capabilities – with minimum abrasion and minimum friction.

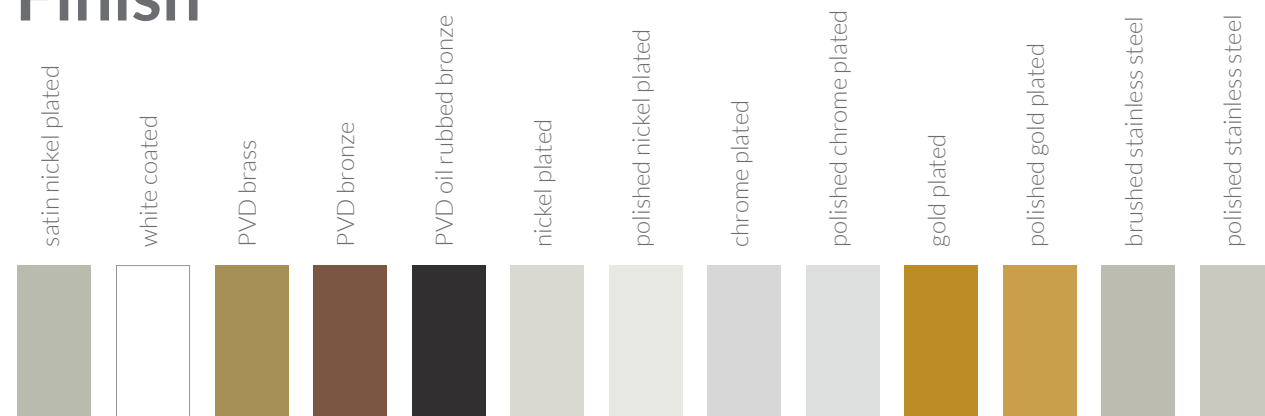


No matter whether the design you choose is made of steel or stainless steel – the material thickness is always the same. So, there is no difference for the cut-out size. This creates an advantage both for the manufacturing of the door as well as for the inventory management.

Cap screws typically used in the roller shaft are not needed at all – adding more safety and an improved look.



Finish





Photographer: Daniel Vieser, Architekturfotografie



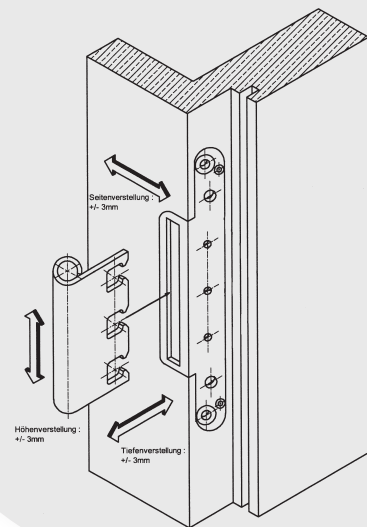
Photographer: Daniel Vieser, Architekturfotografie

Mounting

Easy and secure

When our Heavy Duty Hinges are used in combination with our 3-D hinge receivers, doors can be adjusted three-dimensionally.

Because of the easy mounting capabilities, the doors can be adjusted to fit the height, depth (seal pressure) and side (side-gap) exactly - without having to remove the door.



References

Plans you can rely on from the start

From day one, builders, architects and interior designers need reliable plans from the design stage to final execution when designing large constructions.

For everyone involved, what matters is: every last detail of the range of services offered by suppliers must adequately meet the challenges of the planned building project. In the process, cost effectiveness, customer support services and the ability to deliver product on-time is just as important as the quality of the products themselves.

BaSys Heavy Duty Hinges **OBJECTA®** provide the highest level of reliability and maintenance-free functionality in a wide range of projects. The standard

DIN EN 1935 defines criteria for the suitability and performance capability of hinges for doors and windows. Our products for this area of application have been tested and certified based on this standard.



The growing requirements in the building sector with regard to noise insulation and fire safety as well as burglary protection present huge challenges to the research and development efforts. We work closely with our customers in creating a "research and development partnership" so that doors and fitting systems can be combined to make up a fully integrated solution.



Hotel Alte Ölmühle, Wittenberge

OBJECTA® Heavy Duty Hinges and Hinge Retainers as well as **STABILO®** Striking Plates from BaSys.

Owner: Genesis GmbH
Door Producer: Herholz GmbH
Photographer: Michael König



OBJECTA®

A small selection of product ideas from a large range of products.



2029/160/56

Flush doors
Length: 160 mm | Connection size: 56 mm
CE: Hinge grade 14 (200 kg/pair)



2039/160/56

Rebated doors
Length: 160 mm | Connection size: 56 mm
CE: Hinge grade 14 (200 kg/pair)



2029/120/56

Flush doors
Length: 120 mm | Connection size: 56 mm
CE: Hinge grade 14 (120 kg/pair)



2039/120/56

Rebated doors
Length: 120 mm | Connection size: 56 mm
CE: Hinge grade 14 (120 kg/pair)



2029/100/56

Flush doors
Length: 100 mm | Connection size: 56 mm
CE: Hinge grade 11 (100 kg/pair)



2039/100/56

Rebated doors
Length: 100 mm | Connection size: 56 mm
CE: Hinge grade 11 (100 kg/pair)



2093/160

Flush doors
Length: 160 mm
CE: Hinge grade 14 (120 kg/pair)



2092/160

Flush doors
Length: 160 mm
CE: Hinge grade 14 (120 kg/pair)



2093/120

Flush doors
Length: 120 mm
CE: Hinge grade 14 (100 kg/pair)



2092/120

Flush doors
Length: 120 mm
CE: Hinge grade 14 (100 kg/pair)



2093/100

Flush doors
Length: 100 mm
CE: Hinge grade 11 (80 kg/pair)



2092/100

Flush doors
Length: 100 mm
CE: Hinge grade 11 (80 kg/pair)



2049/160/56 FD

Rebated doors with continuous seal
Length: 160 mm | Connection size: 56 mm
CE: Hinge grade 14 (200 kg/pair)



2039/160/56 SI

With security studs | Rebated doors
Length: 160 mm | Connection size: 56 mm
CE: Hinge grade 14 (200 kg/pair)



2229/160/56-4 S

Flush doors
Length: 160 mm | Connection size: 56 mm
CE: Hinge grade 14 (350 kg/pair)
Note: Also available with 20 mm barrel diameter!



2239/160/56-4 S

Rebated doors
Length: 160 mm | Connection size: 56 mm
CE: Hinge grade 14 (350 kg/pair)
Note: Also available with 20 mm barrel diameter!

OBJECTA® Receivers, STABILO® Striking Plates and plenty of accessories.

The accessories offered in a range of products is what makes it complete: Hinge receivers made of steel and plastic, plates, refitting sets for hinge receivers and plates, connecting elements, cover plates and much much more.





BaSys product world

From a single source


Made in Germany

Under this brand name we develop, produce and market the complete fittings range for well-known manufacturers in the German and European door and frame industry, as well as for international trade and industry customers. Alongside this main focus, our product range is

complemented by high quality furniture fittings and specially developed functional hinges, including for anti-burglary, fire protection and noise insulation applications.

PIVOTA® – Concealed hinge systems

OBJECTA® – Hinge systems for commercial property doors

STABILO® – Striking-plate systems

COMBICA® – Hinge systems for apartment doors

MASTERBAND – Hinge systems for front doors

B|a|S|y|s
Bartels Systembeschläge GmbH

FITTINGS WITH IDEAS

Bartels Systembeschläge GmbH
Gewerbegebiet Echternhagen 2
32689 Kalletal
Tel.: +49 (0) 5264 6473-0
Fax: +49 (0) 5264 6473-30
vertrieb@basys.biz
www.basys.biz