

ARCOS[®] Universal Studio Office

Unique design with
in-built system versatility



A fitting harmony for ideas in glass

Wherever glazing and its hardware need to merge into a single entity, our ARCOS product line offers the ideal transition.

Offering gentle lines with a flowing design, this range of fixings, fittings and furniture provides the perfect blend between the two primary materials. Metal and glass appear to combine seamlessly – with the arc-like curvature of the ARCOS range characterising all the hardware in the programme. Inside and out. With its extensive experience in the materials involved and the associated manufacturing techniques, DORMA has all the production capabilities required to apply this sophisticated capping

geometry. And the ARCOS system has already been singled out for the red dot award 2001 conferred by Design Zentrum NRW in Germany.

With the corresponding fittings from DORMA-Glas, it is possible to create in this style all the standard types of toughened glass assemblies and interior glass doors. Single and double doors can be readily fabricated using this system, and matched with glass side panels and overpanels for that integral look. Lock-handle combinations ensure maximum convenience and security. The ARCOS design offers integration on internal door lock fittings of both lever handles for followers

and lever handles with roses. The roses are flush with the capping for perfect streamlining. Door rails for heavy or high-usage doors complement the portfolio.

All the fittings are of modular design and essentially comprise the basic units, functional inserts and clip-on covers in a variety of surface finishes. The requisite glass apertures and drilled holes correspond to the standard requirements and can thus be provided quickly and without problem.

High-quality materials and excellent workmanship ensure a long service lifetime combined with a truly attractive appearance.





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Page 19 can be folded out
to provide you with all the
surface finishes available for
selection at a glance.

ARCOS Universal

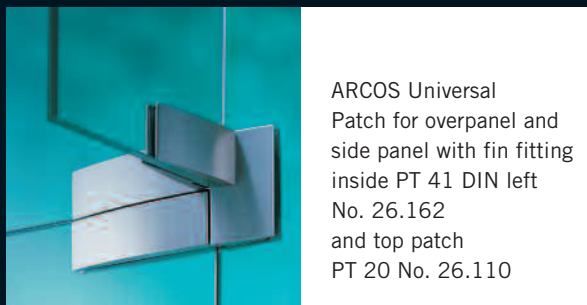
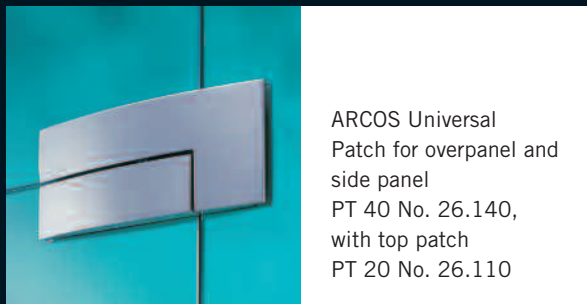
Versatility plus multiplicity.

Unlimited scope.

Patch fittings and connector hardware for overpanels and side panels, fin fittings for particularly large systems – with the curved arc motif of the ARCOS design always incorporated in each component. Gentle reflections that change with the planes give both the glass and its fittings the appearance of a harmonious whole. ARCOS Universal is flexible in its application – for a glass thickness of 10 mm in the standard version plus glazing of 8 or 12 mm thickness if required. The pivot point can be set at either 55 or 65 mm.

Door weights can be anything up to 100 kg, with widths up to max. 1,100 mm and with door rails even panels up to 150 kg and 1,400 mm are feasible. The illustrations show just a few examples from the comprehensive ARCOS Universal collection – products offering 24 possible standard combinations for toughened glass assemblies. The innovative clip-on technique incorporated in the hardware ensures that the cover caps can be secured to the basic components so that the fixing is virtually invisible.





Fold out page 19 to make your selection of surface finish.



ARCOS Universal

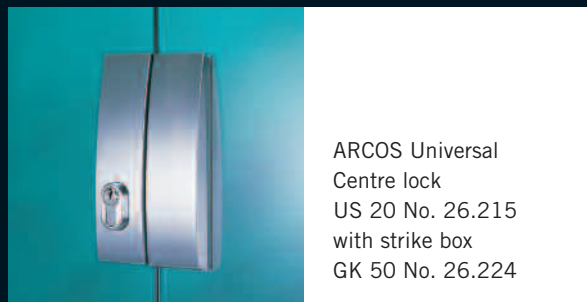
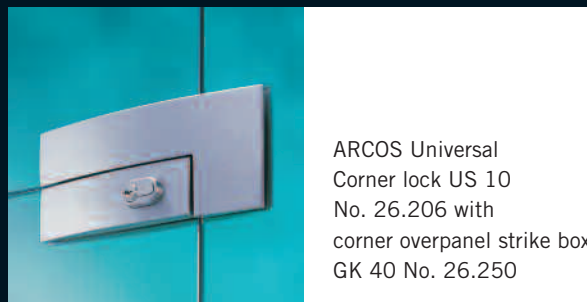
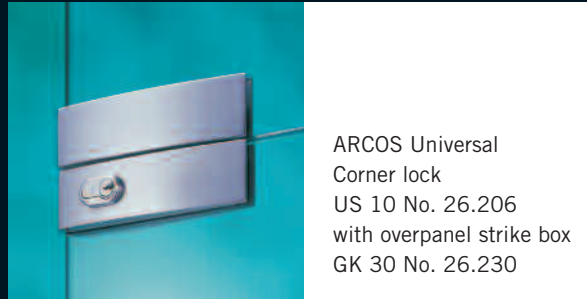
Fascinating functionality.

Experience that counts: DORMA-Glas meets every challenge with the right solution. Versatile and proven lock variants are provided in line with every security requirement, offering convincingly smooth operation for that feeling of confidence. Precision down to the last detail: The lock fittings comply with DIN 18251, Class 3, in relation to their type approval testing – 50,000 operating cycles of the locking bolt.

Furthermore the lock was tested successfully by a neutral testing institute with 100,000 locking bolt operating cycles.

They also offer outstanding corrosion resistance in line with Class 4, according to DIN EN 1670.





Fold out page 19 to make your selection of surface finish.

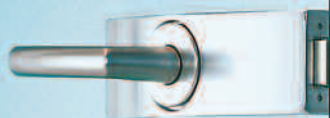


ARCOS Studio

Accent on the attractive.

The epitome of elegance: ARCOS Studio emphasises the abundance and generosity of the glass surface. Each door fitting and each hinge underline the value of transparency in interior architecture.

With various surface finishes and lever handle types, the system is able to harmonise with both design-oriented and functional environments.





ARCOS Studio Lock
non-lockable, lever
No. 24.211
handle to the front,
prepared for rose-mounted
lever handle – with
ARCOS rose-mounted
lever handle No. 24.307



ARCOS Studio Lock
non-lockable, lever
No. 24.200
handle to the rear, with
follower and lever handle
model No. 24.303



ARCOS Studio Lock
with Europrofile cylinder,
No. 24.212
prepared for rose-mounted
lever handle – with lever
handle model No. 24.308



ARCOS Studio Lock
with warded lever lock
No. 24.303, with follower
and ARCOS lever handle
No. 24.301



ARCOS Studio Lock
with thumbturn (WC)
No. 24.206,
with follower and ARCOS
lever handle No. 24.301

Fold out page 19 to make your
selection of surface finish.



ARCOS Studio

A rich selection of designer hardware.

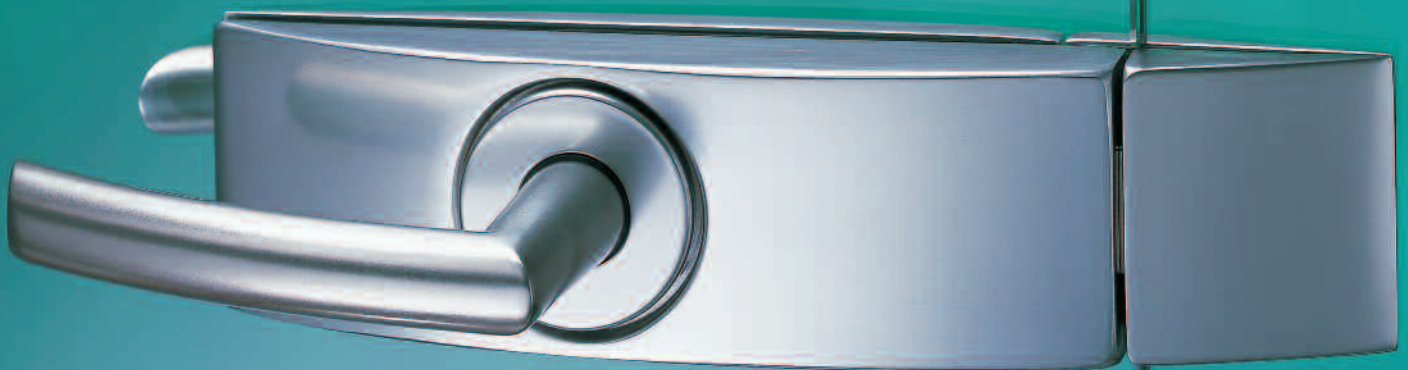
ARCOS Studio adorns glazed doors of 8 or 10 mm thickness with a standard frame rebate depth of 24 mm (for 8 mm glass thickness) and 26 mm (for 10 mm glass thickness). Solutions involving a frame rebate of up to 40 mm can also be implemented with the aid of appropriately sized packing elements. The wide-ranging combinations of lock functions, surface finishes and lever handle models is particularly impressive.

Three different lever handle types can be installed with roses or followers – and located either to the front or

to the rear in the case of non-lockable lock fittings.

And there is also plenty of choice of lockable lock models: with warded lever lock, Europrofile cylinder or Swiss standard 22 mm round cylinder.

The illustrations just show a small selection of the many combinations that are possible. All these lock fittings comply with DIN 18251, Class 3, in relation to their type testing – 200,000 operating cycles of the latch function and 50,000 operating cycles of the locking bolt.

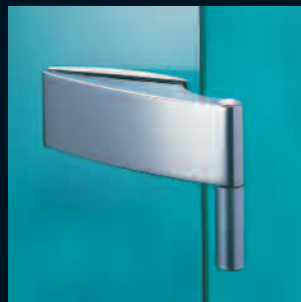




ARCOS Studio Lock prepared for KABA, with follower and ARCOS lever handle



ARCOS Studio Lock non-lockable, lever handle to the front, with follower and lever handle model 24.303
View of the opposite lock side



ARCOS Studio Hinge



ARCOS Studio Lock. The photo montage shows the lock case with its exceptionally rugged functional components designed to satisfy the requirements of the type approval test performed to DIN 18251, Class 3.

Fold out page 19 to make your selection of surface finish.



ARCOS Office

Heavy-duty elegance.

Reliable: ARCOS Office glass door fittings are able to withstand heavy usage. Day in, day out.

Whether non-lockable or prepared for Europrofile cylinders – DORMA's Office fittings have a long and successful track record, particularly in the project sector. ARCOS combines proven functionality with aesthetic elegance.





ARCOS Office Lock
non-lockable, DIN right,
No. 25.209,
prepared for rose-mounted
lever handle – with ARCOS
rose-mounted lever handle
No. 24.307



ARCOS Office Lock
with Europrofile cylinder,
DIN right, No. 25.261,
with follower and ARCOS
lever handle No. 24.301



ARCOS Office Lock
with Europrofile cylinder,
DIN right, No. 25.201,
prepared for rose-mounted
lever handle – with
ARCOS rose-mounted lever
handle No. 24.307 and
strike box No. 25.206



ARCOS Office Lock
with warded lever lock,
DIN right, No. 25.263,
with follower and ARCOS
lever handle No. 24.301



ARCOS Office Lock
prepared for KABA,
DIN right, No. 25.241,
prepared for rose-mounted
lever handle – with
ARCOS rose-mounted
lever handle No. 24.307

Fold out page 19 to make your selection of surface finish.



ARCOS Office

Prestigious in all its variants.

ARCOS Office is designed for glass thicknesses of 8 or 10 mm and a frame rebate depth of 24 mm (for 8 mm glass thickness) and 26 mm (for 10 mm glass thickness). There is a selection of various hinge types and lever handle designs with or without rose. And a lever handle specially designed for the ARCOS range completes the integrated design concept. It repeats the radius of the fitting for perfect styling harmony. Standard types of fittings in the materials and surface finishes indicated are available from stock.

Special finishes with anodised colours and other coatings can also be quickly provided on request.

The Locks comply to the current DIN EN 12209. They are designed for use in public buildings. Moreover these locks were tested successfully by a neutral testing institute with 500,000 latch and 100,000 locking bolt operating cycles

The Lock insert is equipped with low-noise "whisper" functionality as standard. The whisper latch (study metal latch - partially plastics-sheathed and damped latch motions for

noise minimisation) satisfy particularly high expectations, including the requirements of government agencies and public authorities.

For avoidance of "lever handle sag" (droop) the lever handle follower is adjustable $\pm 1^\circ$ and patent pending. Further on a special self-adjusting the clamp follower holds the lever handle perfectly secure. The fully closed lock case provides optimum protection for the internal components which themselves are of rugged unit construction.

Special versions of the fitting manufactured in high-grade anti-corrosion materials are available for wet room applications.





ARCOS Office Lock non-lockable, DIN left No. 25.208, prepared for rose-mounted lever handle – with ARCOS rose-mounted lever handle No. 24.307. View of the opposite lock side



ARCOS Office Hinge No. 25.230, as well as brass polished chromed (501) and brass polished varnished (502)



ARCOS Office Lock. The photo montage shows the lock case with its exceptionally rugged functional components designed to satisfy the requirements of the type approval test performed to DIN 18251, Class 3.

Fold out page 19 to make your selection of surface finish.



Support...

... and the desire to accommodate customer requirements are naturally integral to the DORMA-Glas philosophy. So if a room is designed in glass with timber doors, the ARCOS range must also offer a corresponding lever handle – one specifically created for timber doors.

Effective presentation aids can also be supplied. They both demonstrate and reflect the high level of sophistication of the ARCOS range. Various table displays, a fan-type colour and surface finish selector plus one sample case are available.

The technical brochure contains detailed functional descriptions and dimensional data relating to all the models and variants of the ARCOS range.



Sample case, 45 x 36 cm
black/white, plastic
No. 24.998

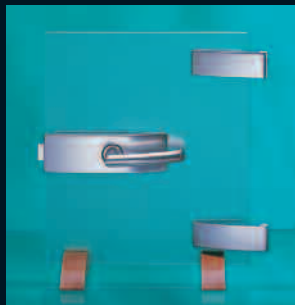
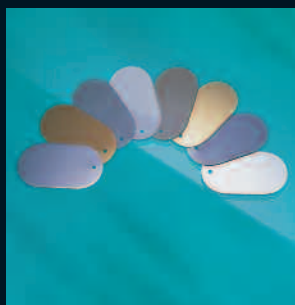


Table display No. 24.991



Material samples showing
colours and surface
finishes No. 10.902 to
10.904

Surface finishes

Simply fold out and read off your colour selection.

The ARCOS product range is available in a wide range of surface finishes. The availability of the various colours for the different ARCOS models is indicated on this fold-out page by the arrows on the relevant product pages.

¹⁾ Availability of these surface finishes on request

The printed colours indicating the surface finishes are not 100 % true, but do provide a useful guide.



103
aluminium silver brilliant
(only with ARCOS Studio)



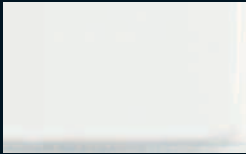
105
aluminium brass-coloured EV3
(only with ARCOS Studio and
ARCOS Office)



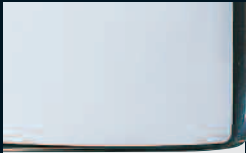
107
aluminium similar to satin
stainless steel
(only with ARCOS Studio and
ARCOS Office)



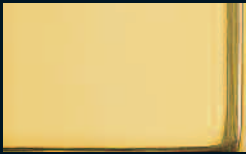
114
aluminium silver anodised
EV1 deko



300
aluminium white powder-coated
RAL 9016



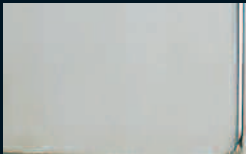
501
brass polished chromed



502
brass polished varnished



700
satin stainless steel
(only with ARCOS Universal)



701
polished stainless steel
(only with ARCOS Universal)

¹⁾ Special colour coatings, special
anodised finishes





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