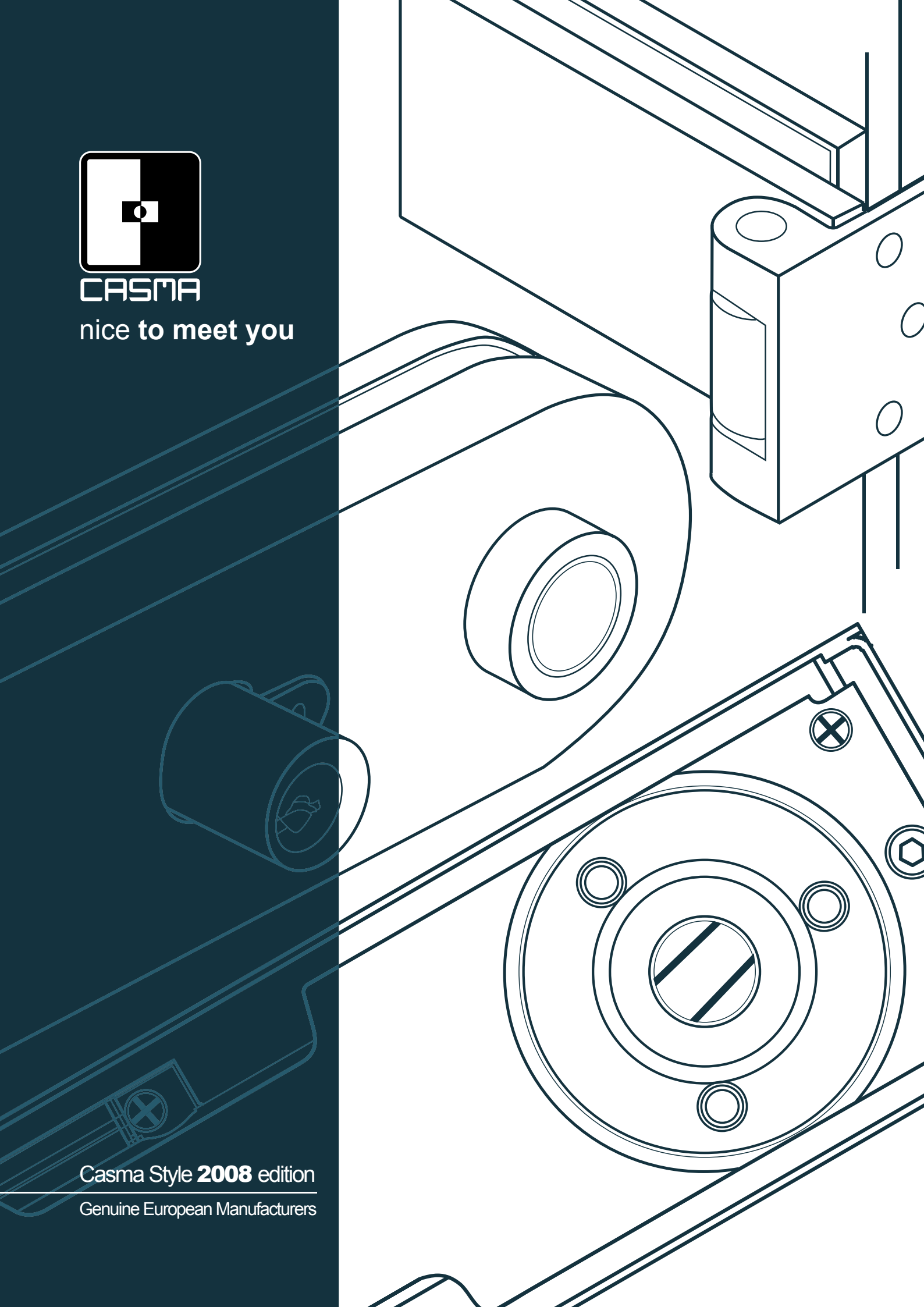


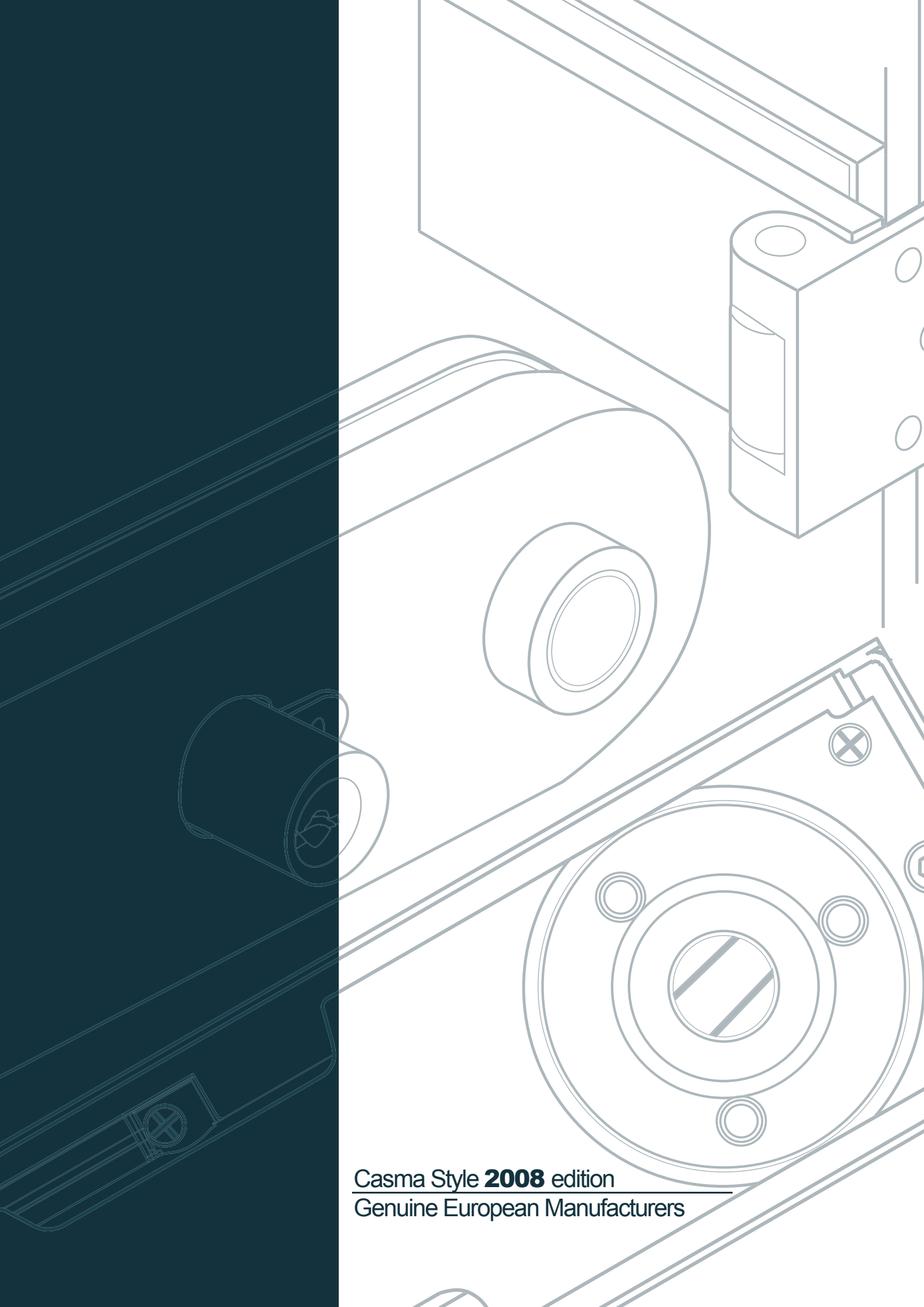
CASMA

nice to meet you

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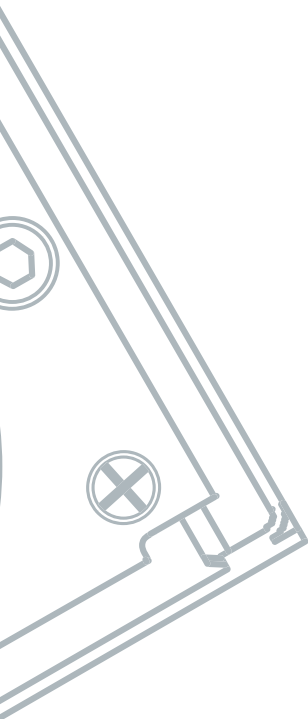
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Casma was founded more than 65 years ago, by the father of today's owners. **Casma** was the first door closer manufacturer in Europe.

At the beginning of the '60s, the production of the patch fittings for tempered glass doors was added to door closers and **Casma** became the first manufacturer of patch fittings for tempered glass installations in Europe.

Certifications:

1998 UNI ISO 9002
2003 UNI ISO 9001/2000
2006 Products certification according to EN1154 norms and DIN18251 Class 4

More than 160 patents have been registered by **Casma**, since its foundation.

Every year more than 150,000 installations in the world are equipped by **Casma**.

Casma manufactures its products in Italy and Germany and guarantees their European origin.



www.casma.com

Casma group is present with a "corporate" and "independent" sales network all over the world. Consult our web site www.casma.com



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casma group

Genuine European Manufacturers



Casma is today a private group of joint venture companies, operating within the strategic markets.
The group is thus composed:

Casma S.p.A. Magenta / Italy
Manufacturing company of the Speedy series door closers, Spiidall patch fittings and Tubo.

TEUFELBESCHLAG

Teufelbeschlag
Türkenfeld / Germany
Manufacturing company of the GWT series sliding systems.

a h d

AHD
Manchester / United Kingdom
Distribution company of the group's products for UK and Ireland.

DHD
INTERNATIONAL

DHD Baltimore / USA
Distribution company of the group's products for USA and Canada.

gedasa

Gedasa Barcelona / Spain
Manufacturing and distribution company of the group's products for Spain.

CASMA
b e n e l u x ^{l.v.}

Casma Benelux Etten-Leur / Holland
Distribution company of the group's products for Holland, Belgium and Luxemburg.

MASCA

Masca Gdansk / Poland
Representative office of Casma Group for Eastern Europe Countries, Scandinavia and Russian Federation.

Speedy is the historical product brand of door closers manufactured by Casma, conceived and designed for glass doors.

In more than sixty years of experience, Casma has reached excellence in perfecting and selecting both manufacturing process and materials, thus improving its products efficiency, whatever the application may be.

All Casma's door closers are fully manufactured and assembled in Italy, and have a monoblock cast iron structure.

Speedy door closers are practically weather-proof, and have a 3-years standard guarantee for useful life, which can be extended to 10 years, upon request.

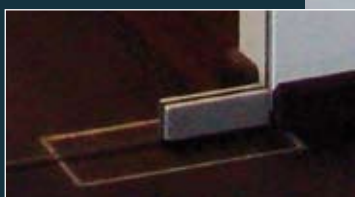
Speedy door closers have passed the following tests:

ANSI A156.4 1980 REPORT 467125 (2,000,000 cycles)

PSB 1997 G43606/MPA (1,000,000 cycles)

EN1154 (500,000 cycles)

virtual cover



speedy floor spring

KS 3000



1. This is a double acting door closer, particularly suited to installations with jambs according to the DIN norm either right or left and in special situations where the cement box must be placed completely outside the jamb (for example, a step near the threshold or to avoid breaking the floor in two adjacent rooms.)
2. Highly reliable mechanics. Yield greater than 75%. Lasts more than a decade.
3. Can be moved inside the cement case, above all longitudinally to allow use even where the hinge axes are different.
4. Quick and effective fixing in the cement case with just two screws, which control four tempered steel lateral blades.
5. One single valve programs the desired closing speed from 115° to 0° ca. An additional valve enables and regulates the latch speed from 15° to 0° ca.
6. "Thermo constancy" is standard equipment.
7. The cover is fixed to a small counterbalanced lever (movable, self-centering) with two screws. With this innovative fixing the cover is always aligned with the door perfectly.
8. The rear cover (supplied with the cover) is inserted and fixed with a screw, once the door and cover are installed. The rear cover has an appendant thin plate that can easily be cut and shaped if a jamb requires it. If this has been forgotten, it does not necessitate dismantling the door.
9. One single strength (factory preset) perfectly suits 90% of doors. One additional strength almost completely covers the remaining 10% of doors.
10. Version with interchangeable spindles upon request.
11. Extended spindle version upon request.
12. Special version for particularly aggressive environments upon request.

Technical data:

Max. door weight: 120 kg
Max. in special applications
door weight: 150 kg

	Maximum door width	
	Exterior	Interior
EN1154-2 Yellow Strength	90 cm	110 cm
EN1154-3 Red Strength	100 cm	120 cm

Cement case dimensions: 80 x 270 x 56.

speedy floor spring

M25



1. Highly reliable mechanics proven by more than 4 million units installed. Yield greater than 65%. Lasts more than a decade.
2. Can be moved inside the cement case, above all longitudinally to allow use even where the hinge axes are very different.
3. Quick and effective fixing in the cement case with just four screws.
4. Two completely independent oil circuits for programming the desired closing speed with two regulating valves: one from 115° to 15° ca. and the other from 15° to 0° ca.
5. "Thermo constancy" upon request.
6. Upon request special application for doors up to 350 kg.
7. The rear cover (matching the cover) snaps into place once the door and cover are assembled. If this has been forgotten, it does not necessitate dismantling the door.
8. One single strength (factory preset) perfectly suits 90% of doors. Two additional strengths completely cover the remaining 10% of doors.
9. Back stop upon request.
10. Version with interchangeable spindle heads upon request.
11. Extended spindle version upon request.
12. Special version for particularly aggressive environments upon request.

Technical data:

Max. door weight: 120 kg / 200 kg
In special application
max. door weight: 350 kg

	Maximum door width	
	Exterior	Interior
EN1154-2 Yellow Strength	90 cm	110 cm
EN1154-3 Red Strength	100 cm	120 cm
EN1154-4/5 Black Strength	110 cm	140 cm

Cement case dimensions: 130 x 283 x 65.

speedy floor spring

M60HD1



1. Can be used with hinges with centres from 50 to 67 mm by moving the cement case accordingly.
2. The cover on the jamb side must not be cut: there are 3 cover fixing positions on the case, to be selected on-site.
3. The patented blocking system is unique. It allows the movement in height exceeding up to 10 mm the height of the cement case by shimming the door closer.
4. Less deformation of the cement case due to the blocking device guarantees easier positioning and cover fixing.
5. Blocking system is utilised by means of 6 special screws, two from each side of the cement case for longitudinal blocking, one from the cement case spindle side and one from door closer body on the opposite side.
6. The cover is fixed with just 2 screws (not 4) in a central position, therefore protected from wear.
7. The cement case has rounded corners, making it easier to break a hole in the floor
8. A special model cement case, blocking devices and stainless steel adjusting screws for installations in aggressive environments or for the food industry, hospitals, swimming pools, etc. are available.
9. It is easy to insert the rear cover and it must be done when the cover and door are installed: it is not necessary to dismantle the door to remove it.

10. "Thermo constancy" is standard equipment.
11. One single valve programs the desired closing speed from 130° to 0° ca. An additional valve enables and regulates the latch speed from 15° to 0° ca.
12. Refined and modern aesthetics.

Technical data:

Max. door weight: 160 kg

	Maximum door width	
	Exterior	Interior
EN1154-2 Yellow Strength	90 cm	110 cm
EN1154-3 Red Strength	100 cm	120 cm

Cement case dimensions: 96 x 267 x 56.



spidall[®]

glass door

hardware

10-40000



10000 - 40000 is the series of patch fittings 50 mm high.

Sizes of top and bottom fittings 165x50x33 mm.

Designed and built to satisfy the requirements of the most demanding designer, it features many items and possible design solutions for tempered glass installations.

The interchangeable covers, determining its aesthetics, are available in all materials: anodised aluminium, in a wide range of colours, brass and stainless steel, both polished and satin-finished.

Thanks to a highly modular system, the bodies of many items can change their function many times. Up to 32 times, even, in one specific case.

Applications related to glass thickness are many, and sometimes, unique, 10/12/15/19mm.

Maximum allowed dimensions of the door are normally 1100x2500x12 mm.

Maximum weight of the door is 100 Kg.

In the case of higher heights, we recommend to contact our sales department.

By using a corner lock, the glass processing is the same for all door components: top and bottom patch fittings and lock.

The range also includes offset fittings for single acting doors.



GSM series



spidall[®]

glass door hardware

10-50000



**10000 - 50000 is the series
of patch fittings 45 mm high.
Sizes of top and bottom fittings 140x45x30 mm.**

Compact dimensions, easy assembly, simplicity of glass processing give this series a high satisfaction rating. The interchangeable covers, determining its aesthetics, are available in all materials: anodised aluminium in a wide range of colours, brass or stainless steel, both polished and satin-finished. Despite its small size, this series is ideal for installations having up to 12 mm glass thickness and for doors with a max. weight of 100 Kg. The range also includes offset fittings for single acting doors.



spidall[®]

glass door

hardware

rails H 85 mm



Top and bottom rails for swing doors and fixed side panels, standard height 85 mm.

Still one of a kind system in the world, for its easy construction and assembly, installation and versatility of use.

Unlike traditional systems, composed of heavy extrusions, Casma's one is essentially composed of three hardware components only: patch body, lock body and central stiffening clamping body all held together by specific aluminium extrusions and covered by interchangeable covers in anodised aluminium in different colours, brass

and stainless steel, both satin-finished and polished.

Customers have the opportunity to fabricate a self-made customized rail, in less than 15 minutes, utilising original Casma components.

Recommended and guarantee for installations in very busy locations.

- **This system can be used in installations having 8/10/12 mm glass, no processing on the tempered glass plate is needed.**
- **Maximum door width: 1200mm**
- **Maximum door weight: 120 Kg.**



spidall glass door hardware

rails H 100 mm



**Top and bottom rails for swing doors
and fixed side panels, standard height 76 mm and 100 mm.**

Manufactured mainly to meet specific project requirements. They can be adapted only with door closers with German spindle and can be used in cases of extreme dimensions and glass thickness. Components are made of high-grade metals and the external covers can be supplied in aluminium, stainless steel and brass. Locks and their components comply with the highest security specifications and can also be used in electronic locking systems.

- **This system can be used in installations having 10/12/15/19 mm glass thickness, no processing on the tempered glass plate is needed.**
 - **Maximum door width: 1400 mm**
 - **Maximum door weight: 200 Kg.**



spidall[®]

glass door

hardware

quadra



They exemplify the accessory line of CASMA's interior doors.

The use of tempered glass doors inside residential and public buildings began in France, during the fifties, and was considered as a "cheap" solution. The first glass door was called "CLARIT".

The metamorphosis of "CLARIT" from the fifties till today is certainly revolutionary.

The use of tempered glass for indoor purposes is now considered as a form of luxury and design expression, with extremely complex and expensive solutions, featuring accessories that, even if still faithful to their origins, now show high-grade shapes, materials and finishing in anodised aluminium in various colours, brass and stainless steel, both satin-finished and polished.



spidall glass door hardware

claustra



Quadra and Claustra, thanks to their interchangeable covers, their finishes and universal handles, meet today's market trend for internal glass installations, not only in public locations but also in the growing residential market.

- Glass thickness: 8-10 mm (12 mm upon request)
- Maximum door width: 1000 mm
- Maximum allowed door weight: 50 kg



spidall[®]

glass door

hardware

biscotto



Latest generation point fixed hardware for glass.

Conceived to complete the range of internal doors applications, Biscotto is an essential and modern fitting in pure stainless steel with side fixing on "Anuba" hinges and with a point fixed solution to the glass.

Thanks to its wide flat surface, it can be customized, for instance, with carbon fibre inserts, thus

making it a unique solution for the "luxury-class" market.

- **Glass thickness: 8-10-12 mm.**
- **Maximum door width: 1000 mm**
- **Maximum allowed door weight: 60 kg**



spidall glass door hardware

tubular handles



Tubular handles are by far the most practical and elegant solution for a tempered glass door.

The secure and easy installation of the mounting system guarantees an optimum vibration and flexing resistance, derived from normal use.

Tensile-strength tests on the fixing accessories threads according to UNI EN 10002/1-92 rule guarantee a pressure resistance of more than 1100 kg.

The handles are made of an extruded pipe in aluminium alloy, which is anodised or powder-painted.

Painting is made of all-polyester coating and its thickness, which is never less than 80 microns, guarantees its resistance, even in the severest weather conditions.

The handles are made of AISI 304 stainless steel pipes, polished or satin-finished individually processed.

The accurate curvatures and the specific care of the finishing details complete their elegant aesthetic

The handles are available in diameters of 22 and 33 mm, and a wide range of models and finishes is also available for each material. Upon request, even customized handles can be made.



spidall[®]

glass door

hardware

jumbo



Traditional accessories for monumental doors in tempered glass or tempered and laminated glass.

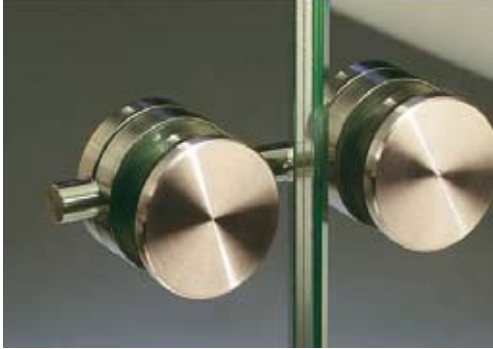
Ideal for extreme requirements, its performance is guaranteed by the use of high-quality metals and its aesthetics is defined by interchangeable covers, which are available in aluminium and stainless steel.

- Glass thickness is 19 mm for tempered glass and 21.5 mm for tempered and laminated glass.
- Maximum door width is 1500 mm.
- Maximum allowed door weight is 200 kg.



Tubo point fixed hardware

rosetten



Part of the TUBO line, these are adjustable point fixed connection elements, completely made of stainless steel.

The wide range of possible solutions and dimensions make them ideal for an endless variety of glass installations, where transparency is the main feature, though showing discreetly high-grade metals and top class manufacture.

- They can be used with up to 24 mm glass thickness



**Casma's newborn creation,
for monumental swing doors.**

Tubo is the brand name of the line of hardware, featuring a 40 mm diameter tubular shape, massive, in stainless steel, conceived for big entrance doors.

Tubo is a complete line and includes a door handle having the same diameter and design, equipped with security lock with European profile cylinder, which can be operated from either side.

Accessories are point fixed: two versions available, with countersunk or flat screws, depending on the requirements.

- **Tubo line is ideal both for tempered glass and tempered laminated glass, featuring up to 17,52 mm glass thickness.**
- **Maximum recommended door width: 1500 mm.**
- **Maximum recommended door weight: 125 kg.**



Tubo point fixed hardware

tubo



Our connecting profiles include both a wide range of the main U-profiles, glass-to-wall profiles, and suitable accessory parts.

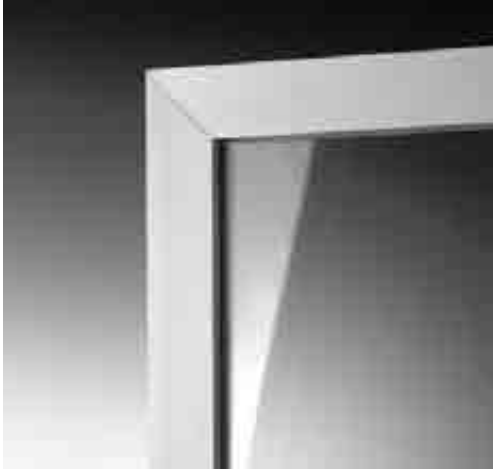
The interchangeable covers, defining its aesthetics, are available in anodised aluminium and imitation stainless steel.

These profiles are suitable for fixed glazing of any kind, with 10 mm and 12 mm glass thickness (by simply changing the gaskets)



glass to wall

connecting profile



profile with cover



profile without cover





sliding systems

Glass Wall Technology

praktica



It is a unique kind of sliding system.

Hanging fittings and rollers are concealed inside the upper track, thus giving the opening a "total glass" look even with fixed side panels, as the upper track features a special groove for them. The upper track is available in silver anodised aluminium or painted aluminium in different colours.

Standard equipment includes 2 hanging fittings 280 mm wide and one floor guiding patch.

- Maximum wing weight: 90 kgs
- Minimum wing width: 680 mm

HD equipment includes 2 hanging fittings 650 mm wide, which can be cut up to a minimum width of 500 mm, and one floor guiding patch. Glass preparation is not needed. In case of wings weighing more than 130 kg it is recommended to have a glass cut-out for each hanging fitting to allow the insert of an additional screw always included in the equipment.

- Maximum wing weight : 150 kgs
- Minimum wing width: 1000 mm
- Glass thickness: 10 - 12 mm



sliding solutions

Glass Wall Technology

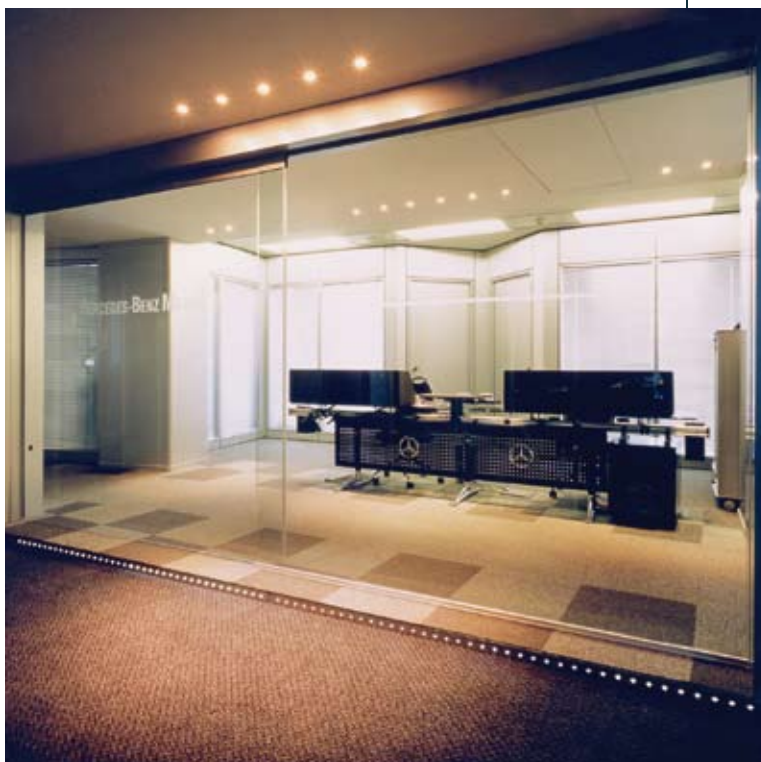
variant



It's a multiple rail hung sliding glass door system.

A unique solution, thanks to the variety of accessories and possibilities. Up to 4 sliding wings and 1 fixed panel, with no need for glass notches if you use the guide embedded into the floor. In case you use the bottom glass-to-glass guide, a notch is required. The coupling system, available upon request, enables the movement of all wings, by simply operating the first.

- Standard kit, without coupling system, can support 150 kg per wing, the kit with coupling system 100 kg.
- Minimum wing width wing: 550 mm
- Glass thickness: 8 – 10 – 12 mm





sliding solutions

Glass Wall Technology

pico



Sliding system conceived to complete the range of tempered glass sliding monorail systems.

Accessories and rollers, of minimum dimensions, are completely hidden inside the upper track.

Two different kinds of upper tracks are available in anodised aluminium in various colours: with or without side fixed panels.

What's new in Pico is the possible installation and maintenance

of the glass panel from beneath, thus making it the ideal solution for false ceiling installation of the hidden track.

Two cut outs on the glass panel, near the rollers, are required.

- **Glass thickness: 8 -10 -12 mm**
- **Maximum wing weight: 150 kg.**



sliding solutions

Glass Wall Technology

elba



Born as an alternative solution to the numberless so-called "naked" sliding systems, featuring point fixed solution to the glass.

The system is completely made of stainless steel and shows an unlikely imitable design. Its upper track is made of 2 parallel steel rods kept together by rounded clamps, used to reinforce and fix the two rods and the whole system to the walls or to the glass panels.

Elba's unique design of the upper track is fully complemented by the components of the system, thus giving it an optimum homogeneity and uniqueness.

- Glass thickness: 8 – 10 – 12 mm, the glass panel requires two cut outs.
- Sliding door dimensions vary according to the distance between the fixing points.
- Maximum recommended weight of the door: 100 Kg.





sliding solutions

Glass Wall Technology

fluxo



Stainless steel sliding system, with point fixing to the glass, it features a unique innovation in the upper track, which is modular, thus making it easier to pack and transport.

Fluxo system can be the solution for a wide range of different installations, thanks to its complete choice of components and accessories. Ideal for shower boxes and for high-standard residential applications.

- Glass thickness: 8 – 10 mm
- Maximum wing dimensions: 1100 mm x 2700 mm (W x H)
- Maximum allowed wing weight: 80 kg.



sliding systems

Glass Wall Technology

punkto



It is the alternative stainless steel point fixed solution to Junior 700 and Junior 800 movable partition systems. It uses the same parking bays, top track and rollers.

- Top track for 700 series:
Glass thickness 8 – 10 – 12 mm
Maximum allowed wing weight: 100 kgs

- Top track for 800 series:
Glass thickness 8 – 10 – 12 mm
Maximum wing height: 4000 mm
Maximum allowed wing weight: 130 kg.





sliding systems

Glass Wall Technology

junior



The independent wing system slides inside a top mounted track.

The wings can be stacked in specifically designed parking bays, which can be either parallel or perpendicular to the sliding track. This system allows an unlimited number of wings and segmented installations, with very low bending radius.

The peculiarity of the system lays in the use of accessories fixed on the corner of the wings, with interchangeable small covers.

Extremely uncluttered glass surfaces can be thus obtained, with the possibility of choosing between all aluminium and stainless steel finishes. Stocking is a viable option as it is not dependant on wing dimensions.

- Glass thickness: 10 - 12 - 12,76 mm
- Maximum wing dimensions: 1000 mm x 3000mm (W x H)
- Maximum allowed wing weight: 85 Kg.





sliding systems

Glass Wall Technology

junior





sliding systems

Glass Wall Technology

junior 700



Junior 700 adds to the Junior system the use of the rail, allowing the increase in maximum wing weight to 100 kg.



sliding systems

Glass Wall Technology

junior 800

Thanks to the sliding track and to special rollers, conceived for greater weights, the system allows extremely large wings, though maintaining all movement and smoothness characteristics of Junior and Junior 700 systems.

- Glass thickness: 8 – 10 – 12 mm
- Maximum wing dimensions: 1500mm x 4000 mm (WxH)
- Maximum allowed wing weight: 180 kg.





sliding systems

Glass Wall Technology

invisible connection



The system has been conceived for glass-folding doors, and features aluminium patch fittings on the corner of sliding and folding glass doors, thus minimising metals on the glass wing.

- Glass thickness: 8 - 10 – 10+10 mm.
- Maximum wing dimensions: 1000x3000 (WxH)
- Maximum allowed wing weight: 75 kg.

The system slides in a top-mounted track and the wings are aligned in a brass profile hidden in the floor. All aluminium finishes are available for this system, which can reach a maximum of 6 wings per side, i.e. 12 wings in total.

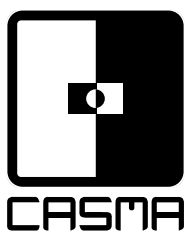


sliding systems

Glass Wall Technology

invisible connection





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