



# Portas e janelas

Sistemas de perfis em aço e aço inoxidável  
sem isolamento

**JANSEN**

# Perspetivas fortes. Sem isolamento mas completamente funcionais.

Portas e janelas simbolizam abertura e dão entrada a pessoas, à luz e ao ar, mas também protegem contra elementos externos. As exigências individuais relativas ao isolamento térmico e à insonorização, bem como à proteção antirroubo e à resistência às balas, determinam a construção de portas e janelas.

Os sistemas de perfis sem isolamento da Jansen para janelas e portas em aço ou aço inoxidável adequam-se à utilização em secções de edifícios que não exigem o cumprimento dos requisitos de isolamento térmico aplicáveis, não necessitando, deste modo, de apresentar características isolantes.

Os sistemas de portas e janelas da série Jansen-Economy destinam-se ao envidraçamento a seco e com vedantes, sendo, além disso, económicos e de utilização flexível. Com as suas profundidades reduzidas, estes sistemas completos também permitem uma aplicação nivelada em estruturas estreitas, garantindo, contudo, sempre a máxima estabilidade. Além disso, os sistemas de portas também permitem realizar soleiras sem barreiras.

O leque de produtos abrange as seguintes séries de perfis:

- Portas Jansen-Economy 50 (aço e aço inoxidável): com uma profundidade de 50 mm, destinam-se a portas niveladas de uma ou duas folhas, bem como a painéis de vidro.
- Portas Jansen-Economy 60 (aço e aço inoxidável): com uma profundidade de 60 mm, destinam-se a estruturas de portas e painéis de vidro nivelados de uma ou duas folhas de grandes dimensões.
- Janelas Jansen-Economy 50 (aço e aço inoxidável): com uma profundidade de 50 mm, destinam-se a folhas batentes, oscilo-batentes, de duas folhas ou basculantes.

Os sistemas Jansen-Economy passaram com êxito os testes exigidos segundo a norma de produto EN 14351-1.

**Os fabricantes podem proceder a uma marcação, obrigatória dentro da EU, das janelas e portas exteriores com a sigla CE.**



# Jansen-Economy

## Portas e janelas



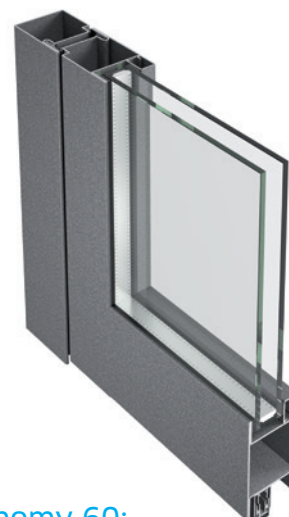
### Soluções elegantes para todas as exigências

Uma geometria simples, corpos compactos e máxima estabilidade – eis as características desta série de perfis. Isso resulta num fabrico rápido e numa montagem económica.

Portas de uma ou duas folhas, com painéis laterais e bandeiras de vidro móveis e/ou fixos – as construções com perfis Jansen-Economy 50 e 60 oferecem potencial criativo para todas as necessidades.

As estruturas de portas construídas com Jansen-Economy 50 e Jansen-Economy 60 convencem graças a uma construção de encaixe nivelado, ranhuras negativas contínuas no interior e no exterior, bem como a vedações de encosto duplas.

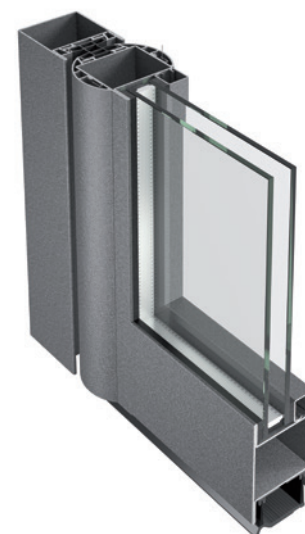
Na zona da soleira, pode realizar-se, conforme as necessidades, uma vedação embutida automática, vedação de drenagem ou vedação de encosto.



### Portas com proteção contra o entalamento de dedos Jansen-Economy 60: Segurança e design em perfeita harmonia

As calhas arredondadas minimizam o risco de ferimento na aresta interior da porta. Evitam-se assim pontos de entalamento e cisalhamento segundo a norma DIN 18650. Graças aos mancais de dobradiça de alto rendimento, que não requerem manutenção, as portas com proteção contra o entalamento de dedos Jansen-Economy 60 são particularmente indicadas para edifícios muito frequentados pelo público, tais como centros

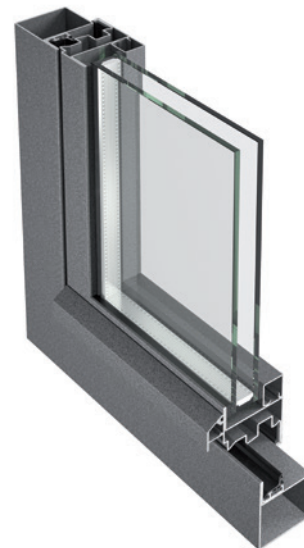
comerciais, escolas ou hospitais. As portas com proteção contra o entalamento de dedos Jansen-Economy cumprem a norma EN 14351-1 para portas exteriores e estão certificadas com a marcação CE. As portas com proteção contra o entalamento de dedos são compatíveis com a gama de perfis Janisol. Além disso, podem montar-se fechaduras de porta integradas e acionamentos automáticos para porta giratória.



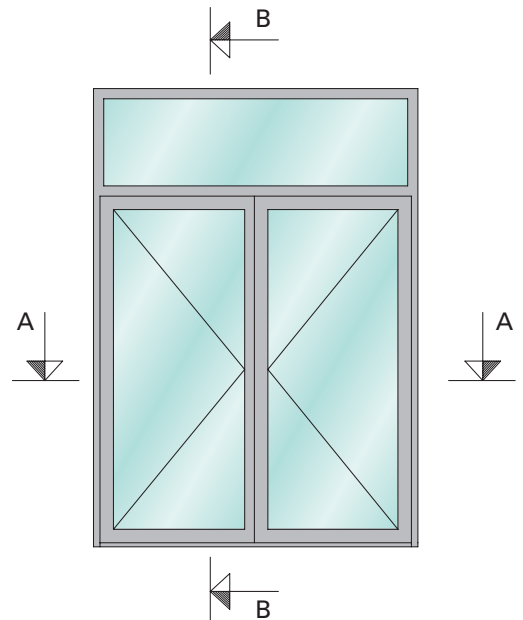
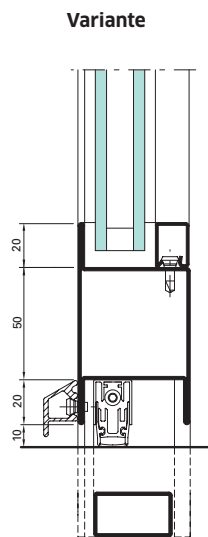
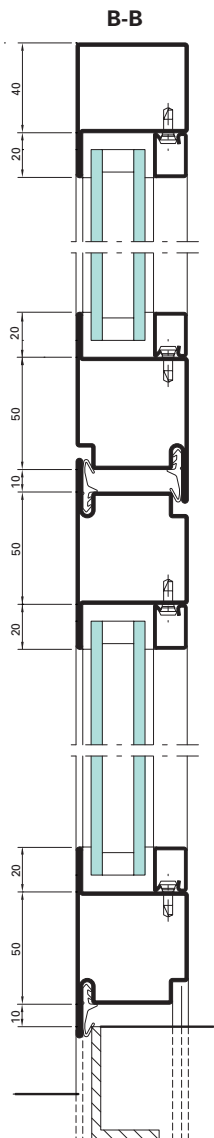
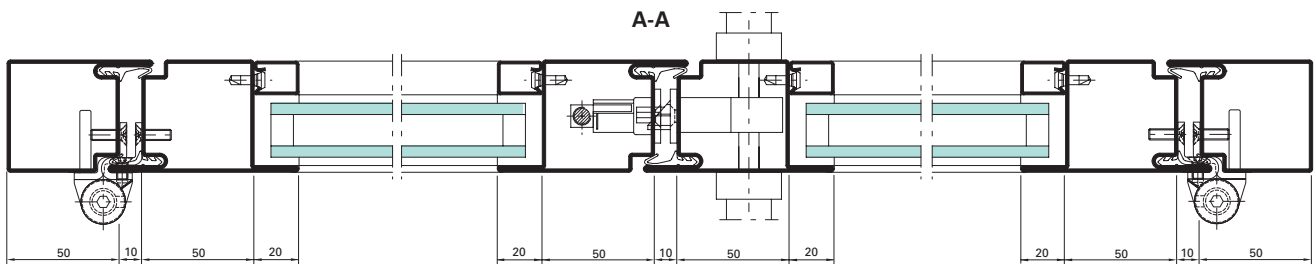
## Janelas Jansen-Economy – na moda com uma linha elegante

Com uma profundidade de apenas 50 mm (respetivamente, 58,5 mm para o perfil de folha), o sistema Jansen-Economy 50 é também adequado para folhas de janela: batentes, oscilobatentes, de duas folhas e basculantes – para todos os tipos de abertura estão

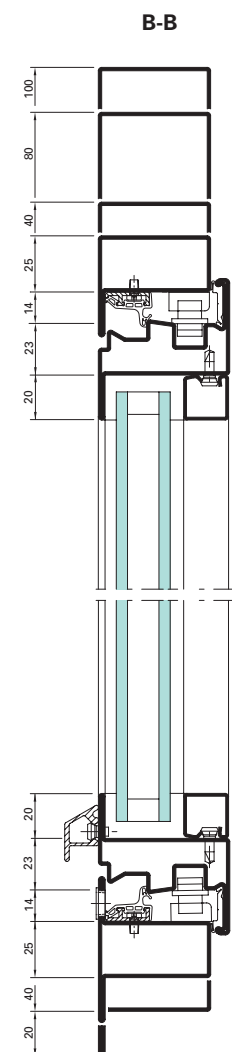
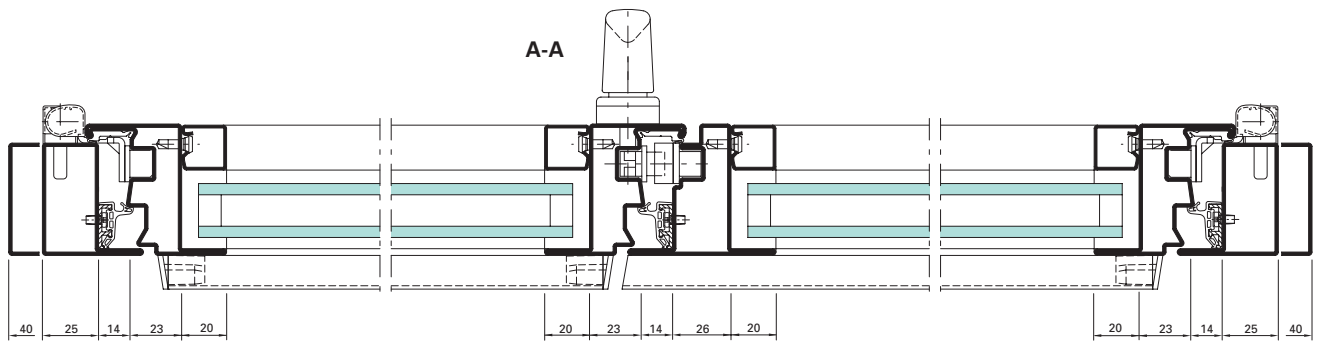
disponíveis ferragens testadas e compatíveis com o sistema, bem como puxadores atraentes em alumínio ou aço inoxidável. As construções de janelas feitas com Jansen-Economy 50 possuem vedação central na zona da dobradiça e uma vedação de encosto disposta para o interior.



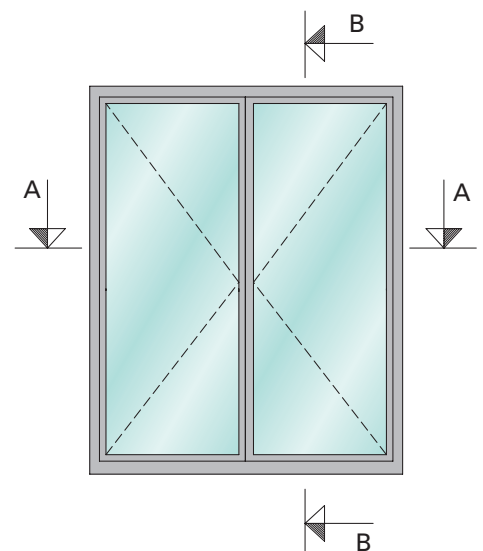
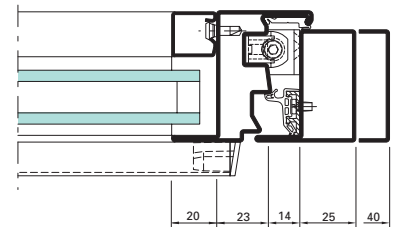
Exemplo de aplicação das portas Jansen-Economy 50



Exemplo de aplicação das janelas Jansen-Economy 50



Ferragem embutida para janelas





Chanel Boutique «Crystal Houses», Amsterdam/NL  
Jansen-Economy 50 Edelstahl



# Jansen-Economy 50

## Aço inoxidável



### Escolha perfeita para todas as exigências

Os perfis em aço inoxidável Jansen-Economy 50 estão disponíveis na qualidade 1.4404 (AISI 316L). Eles foram especialmente adaptados para aplicações arquitetônicas e funcionais numa atmosfera normal ou agressiva. O uso segundo as necessidades específicas permite reduzir significativamente as despesas de material.

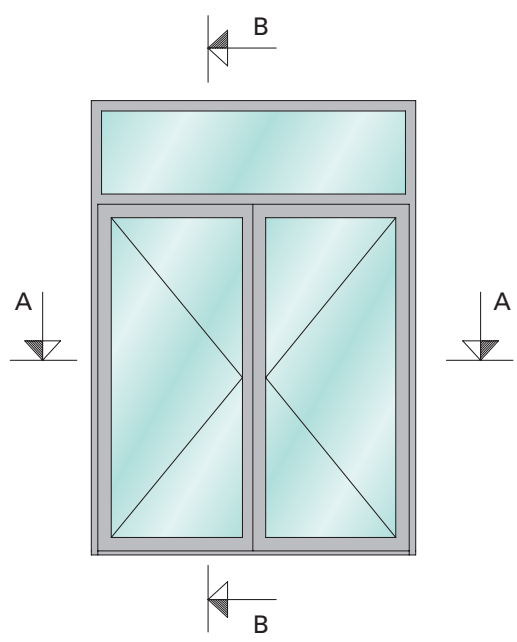
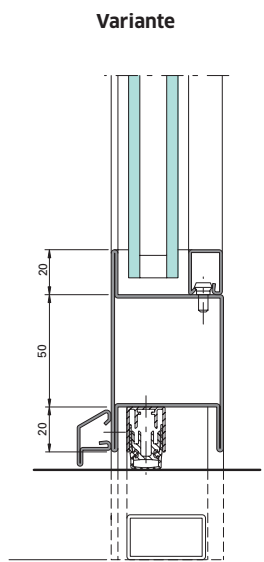
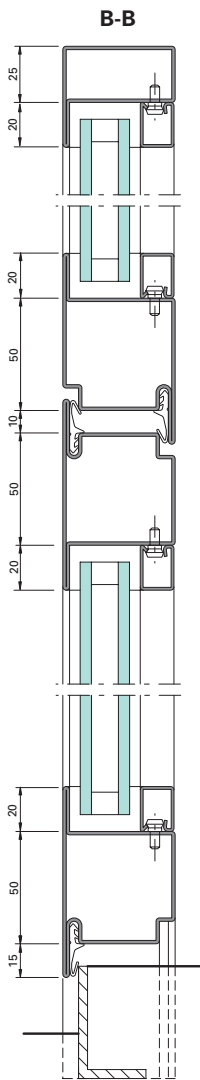
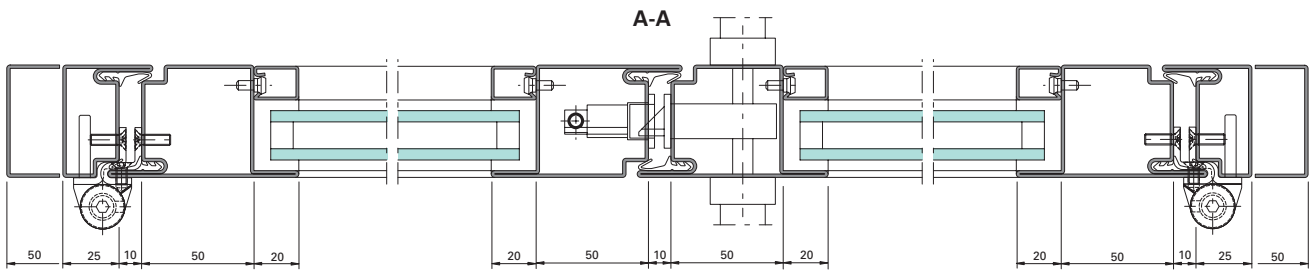
As formas e profundidades dos perfis são idênticas às dos perfis de aço Jansen-Economy. Isto permite aos projetistas uma combinação fácil de ambas as séries de perfis e aos construtores o uso de acessórios idênticos. O abrangente programa de janelas e portas é completado por uma grande variedade de ferragens em aço inoxidável.

**O material 1.4404 (AISI 316L) é resistente em atmosferas normais e não agressivas, bem como em atmosferas que contenham cloreto e sal. Pode, assim, ser aplicado universalmente, por exemplo:**

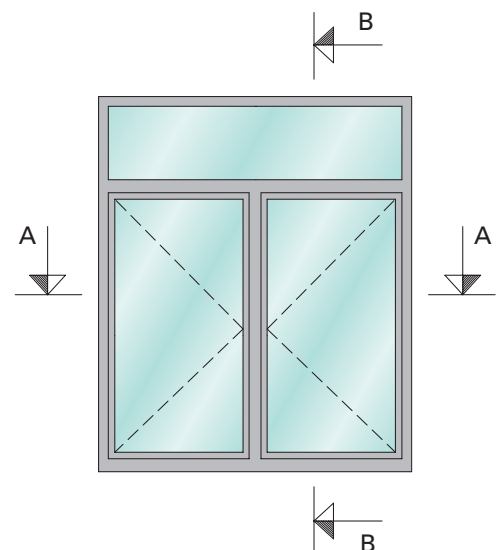
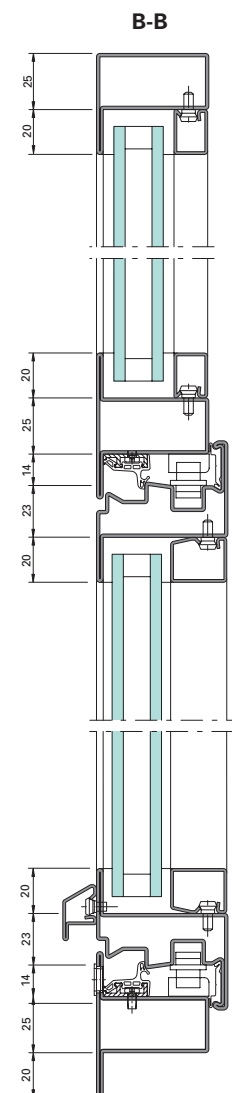
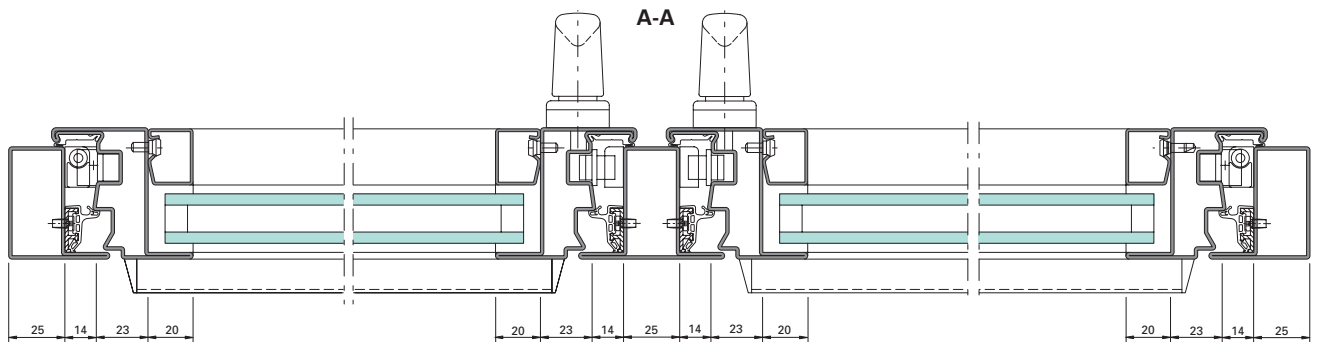
- em meio rural
- em zonas residenciais e comerciais
- em áreas interiores
- em zonas industriais
- perto da costa
- no sector da higiene
- perto de estradas (salitre)



Exemplo de aplicação das portas Jansen-Economy 50 em aço inoxidável

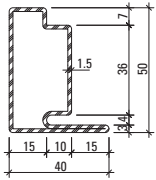


Exemplo de aplicação das janelas Jansen-Economy 50 em aço inoxidável

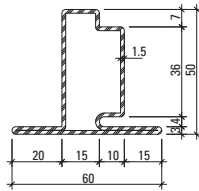


# Gama de perfis

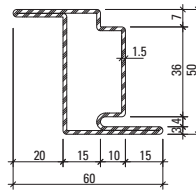
## Jansen-Economy 50



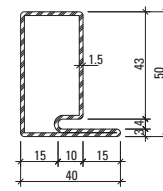
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30.006.01



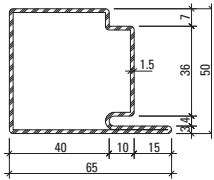
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30.106.01



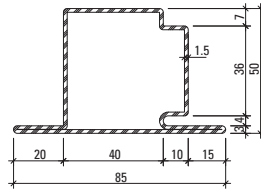
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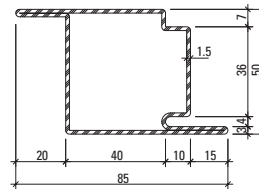
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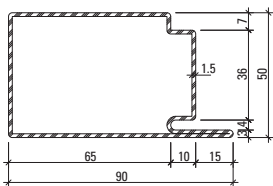
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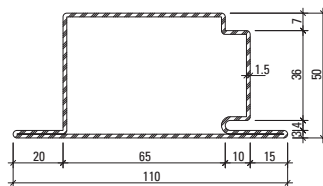
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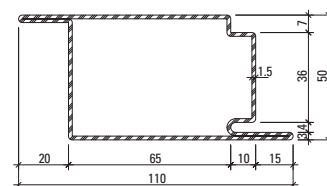
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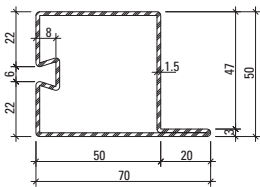
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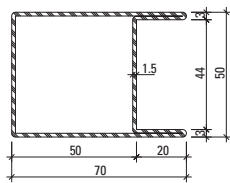
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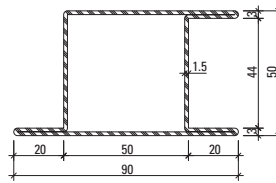
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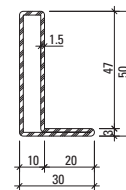
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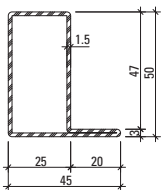
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04.568 Z



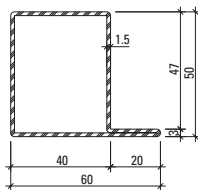
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05.568.01



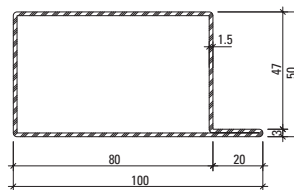
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01.531 Z



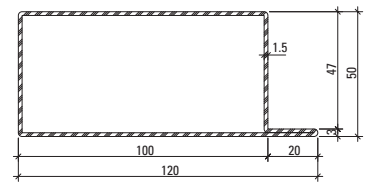
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01.564  
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01.564.01



01.592  
01.592 Z



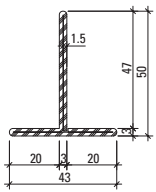
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Z = aço galvanizado a quente

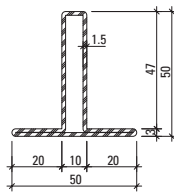
01 = aço inoxidável, polido,  
material 1.4404 (AISI 316L)

Os perfis de aço inoxidável também  
estão disponíveis em grãos: 220-240.

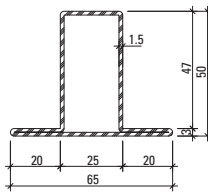
# Gama de perfis Jansen-Economy 50



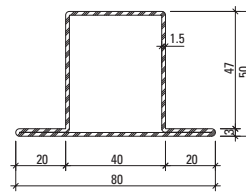
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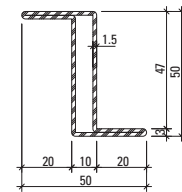
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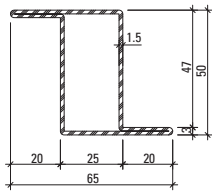
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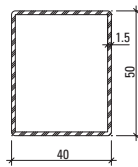
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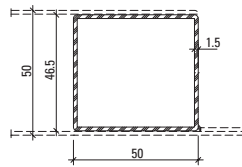
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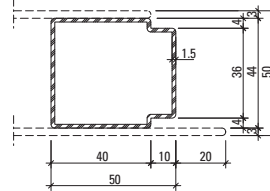
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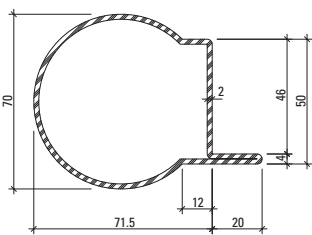
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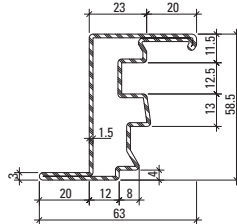
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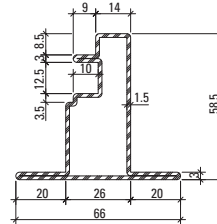
81.009 Z



60.153  
60.153 Z



30.900  
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30.901

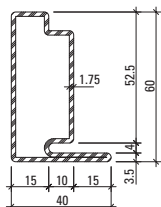
Z = aço galvanizado a quente

01 = aço inoxidável, polido,  
material 1.4404 (AISI 316L)

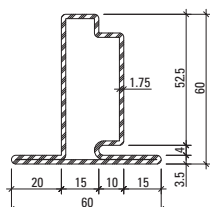
Os perfis de aço inoxidável também  
estão disponíveis em grãos: 220-240.



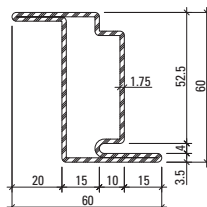
# Gama de perfis Jansen-Economy 60



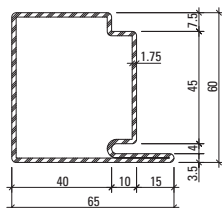
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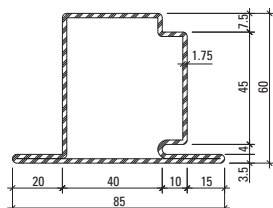
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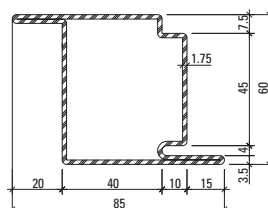
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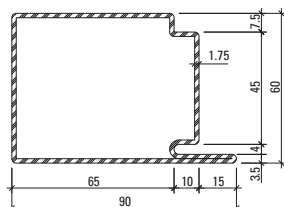
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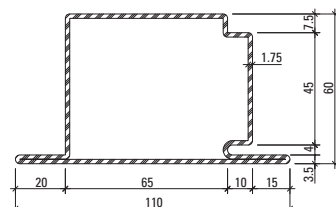
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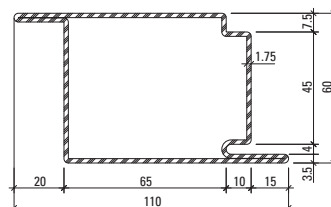
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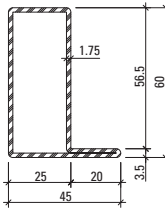


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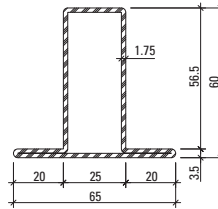


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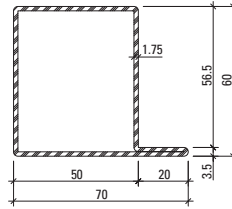




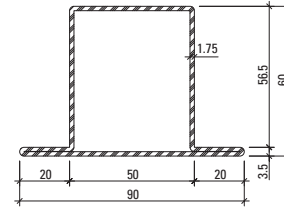
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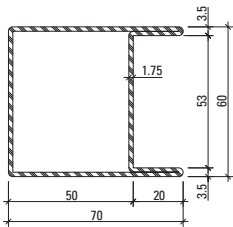
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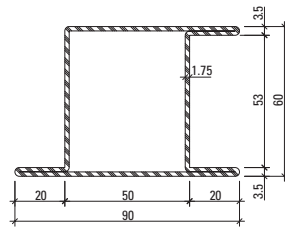
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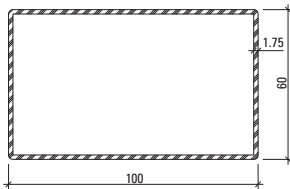
02.684  
02.684 Z



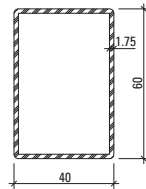
04.637  
04.637 Z



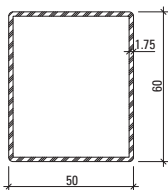
05.637  
05.637 Z



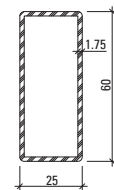
400.051  
400.051 Z



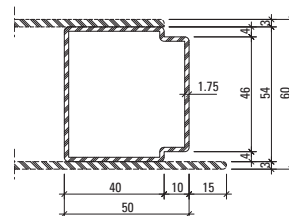
400.052  
400.052 Z



400.054  
400.054 Z



400.055  
400.055 Z



81.010 Z

Z = aço galvanizado a quente

# Jansen-Economy 60

## Porta de acordeão



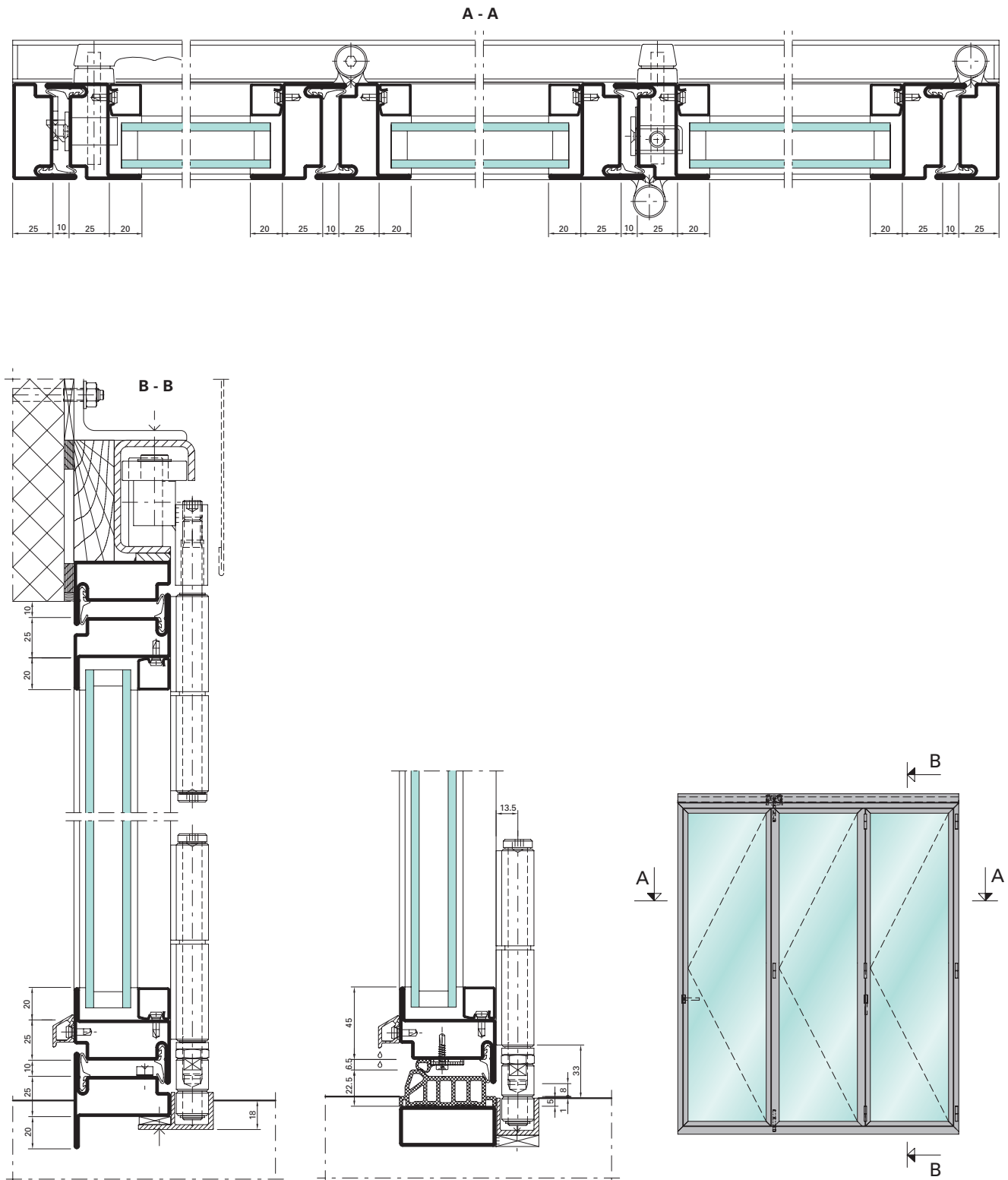
### Porta de acordeão em aço

Esta porta de acordeão baseia-se no sistema sem isolamento térmico Jansen-Economy 60. Proporcionando máxima flexibilidade, o sistema de portas de acordeão tanto serve de parede divisória no interior como de porta em instalações exteriores, com abertura para dentro ou para fora. Um programa de ferragens e acessórios compatíveis garante máxima funcionalidade e um comando suave e silencioso.

Para a zona da soleira, o utilizador pode escolher entre diferentes variantes. Conforme o tamanho e grau de utilização, estão disponíveis perfis com uma largura de 25 ou 50 mm. A capacidade de carga dos mecanismos de deslize superiores é de 200 kg, permitindo folhas com pesos de até 100 kg.



Exemplo de aplicação da porta de acordeão Jansen-Economy 60



# Portões de acordeão e de correr

## Manuais e automáticos

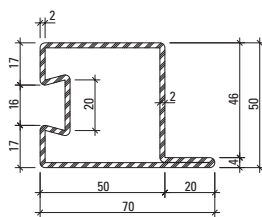
Para a construção de portões de acordeão e de correr, a Jansen disponibiliza uma profusão de perfis com profundidades de 50, 60 e 80 mm, bem como acessórios e ferragens perfeitamente compatíveis e que se adaptam a quase todas as situações construtivas: os portões de acordeão podem ser encostados atrás, dentro ou diante do vão do pavilhão e podem ser abertos para dentro ou fora, com uma divisão das folhas totalmente variável. Os portões de correr

aplicam-se quando se pretende poupar espaço. Em combinação com elementos de enchimento em forma de painéis ou vidro, os portões satisfazem mesmo as mais altas exigências na construção de objetos de alto valor, na interface entre o comércio e entidades públicas. A gama de perfis e vedações foi concebida tanto para sistemas de portões acionados à mão como a motor. As ferragens igualmente incluídas no sistema foram testadas quanto à sua segurança, pro-

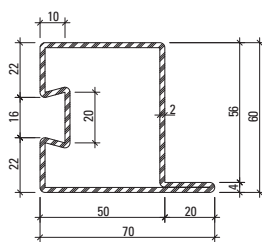
porcionando um funcionamento seguro, silencioso e suave durante muito tempo.

Os portões de acordeão da Jansen foram testados juntamente com os motores do fabricante Gilgen – uma empresa líder em técnica de acionamento – segundo a norma EN 13241-1. Isso garante aos nossos parceiros as condições necessárias para a obtenção da marcação CE, exigida pela legislação aplicável tanto para sistemas manuais como automáticos.

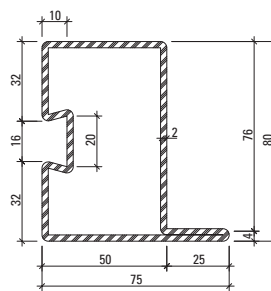
### Gama de perfis



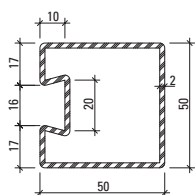
32.373



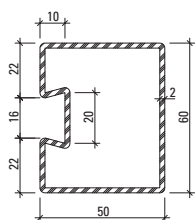
32.374



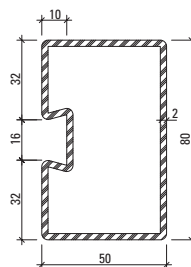
32.382



76.731

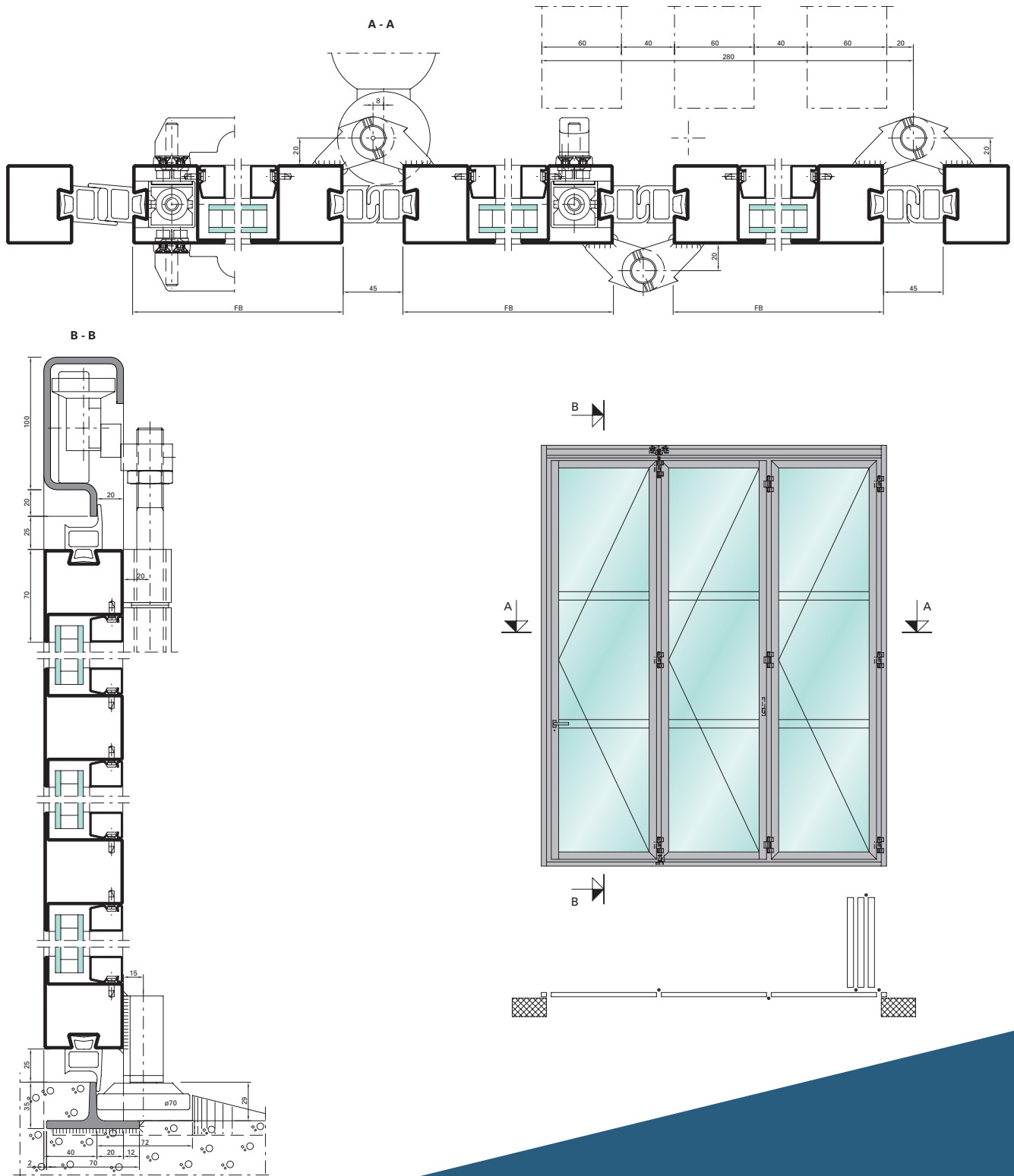


76.732



76.733

Exemplo de aplicação dos portões de acordeão



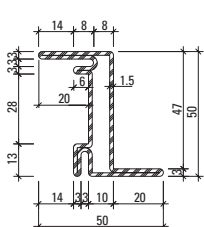
# Jansen Art'System Windows

## Slim steel profile system for uninsulated windows/window doors

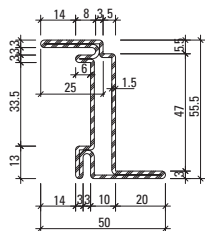
Jansen Art'System is a non-insulated profile system for windows and window doors. Originally developed as a market solution for France, the attractive profile has been expanded by Jansen into a system that is tested and approved in accordance with 14351-1. Jansen Art'System has been specially developed for the renovation of old buildings and is particularly suited to listed buildings which place high requirements on the external appearance of the building. Jansen Art'System enables the fabrication of inward-opening windows and window doors which are virtually identical to the existing units. However, Art'System can also play to its strengths in sustainably planned newbuilds as an innovative, space-saving profile system with extremely narrow face widths. The narrow profile face widths from Jansen Art'System meet the desire of today's architects to have large glass areas held in narrow frames.



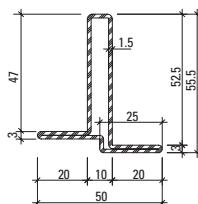
Gama de perfis



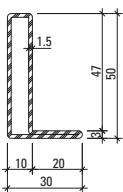
30.614 Z



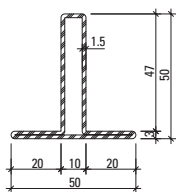
30.613 Z



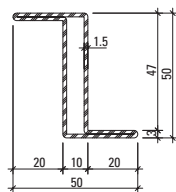
12.550 Z



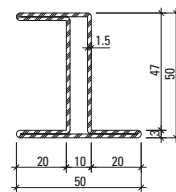
01.531  
01.531 Z



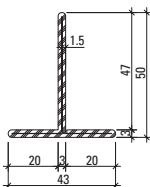
02.531  
02.531 Z



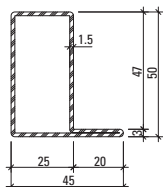
03.531  
03.531 Z



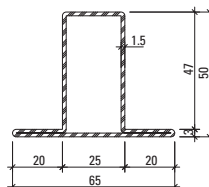
05.531 Z



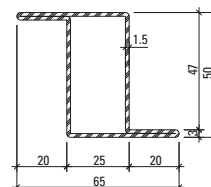
400.023  
400.023 Z



01.534  
01.534 Z



02.534  
02.534 Z

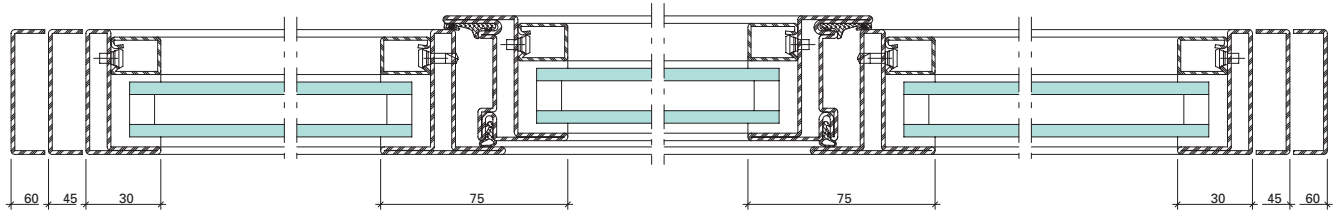


03.534  
03.534 Z

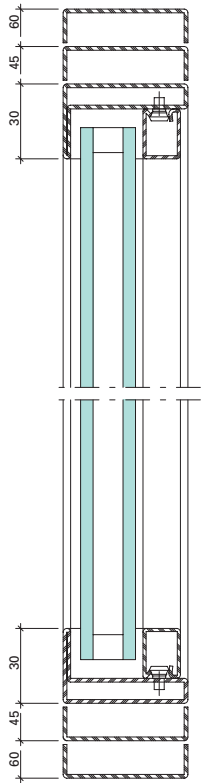
Z = aço galvanizado a quente

Exemplo de aplicação Jansen Art'System

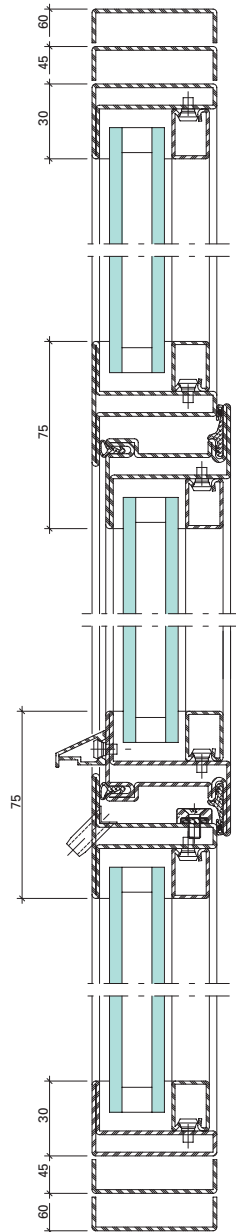
D - D



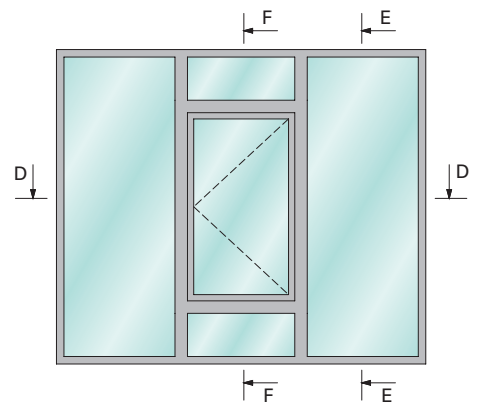
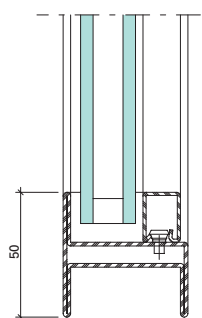
E - E



F - F

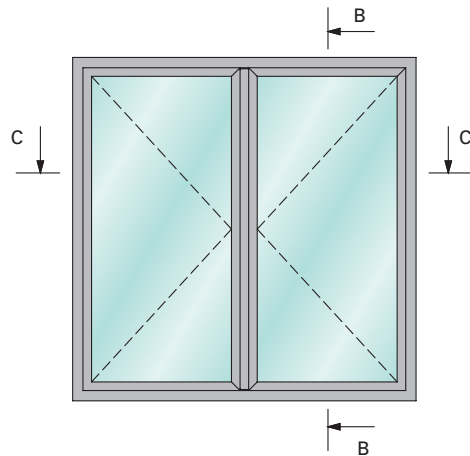
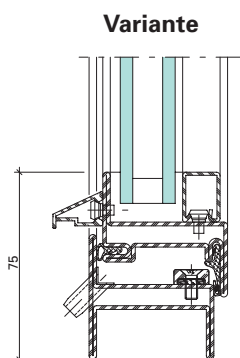
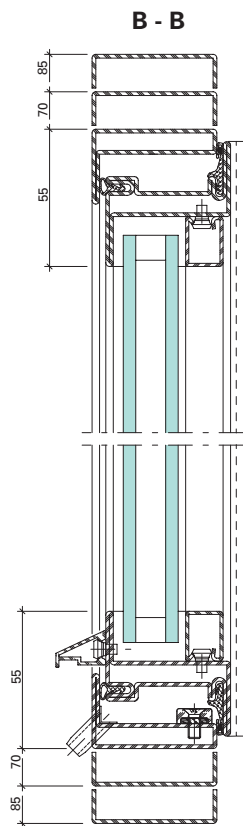
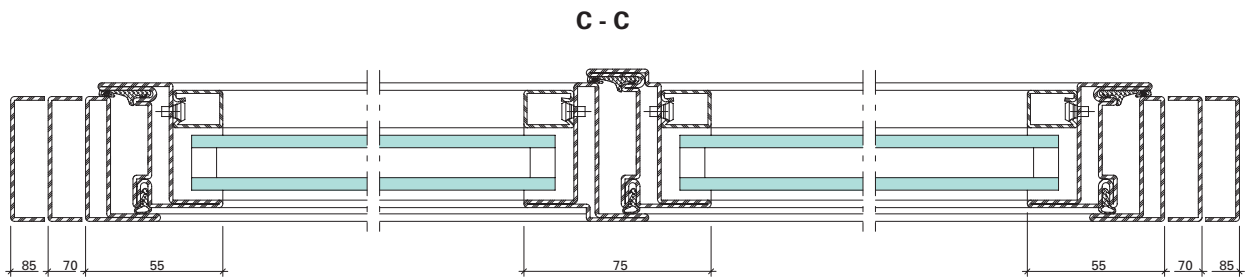


Variante





Exemplo de aplicação Jansen Art'System



# Jansen Art'15 Doors and fixed glazings

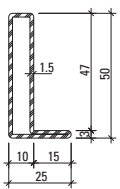
## Slim steel profile system for interior doors and fixed glazings

The extremely reduced face width of Jansen Art'15, the new non-insulated steel profile system from Jansen, allows a unique design, while the steel material ensures a long service life. In this way, Jansen Art'15 not only meets the high design demands of ambitious architects, but also the high expectations of discerning clients in terms of design and function. Jansen Art'15 doors and

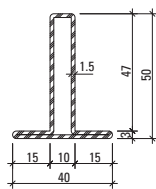
partitions separate the entrance hall from the living space, the kitchen from the dining area, or the home office from the living room, without compromising on the generous space. The extremely narrow, highly resilient steel profile system always ensures durable, highly stable constructions in an unparalleled slimline frame.



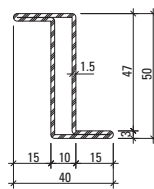
Gama de perfis



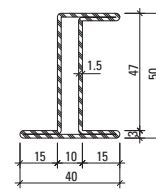
01.115



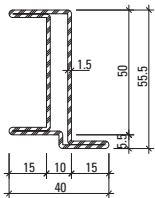
02.115



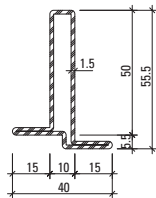
03.115



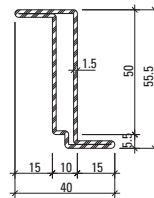
05.115



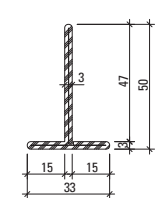
05.116



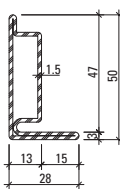
02.116



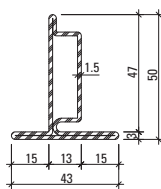
03.116



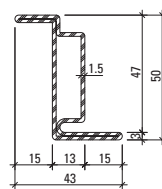
400.020



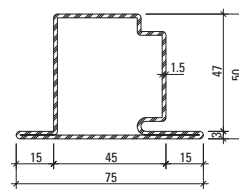
30.005



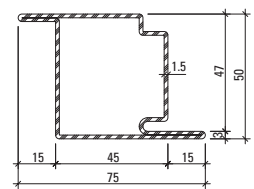
30.105



30.405



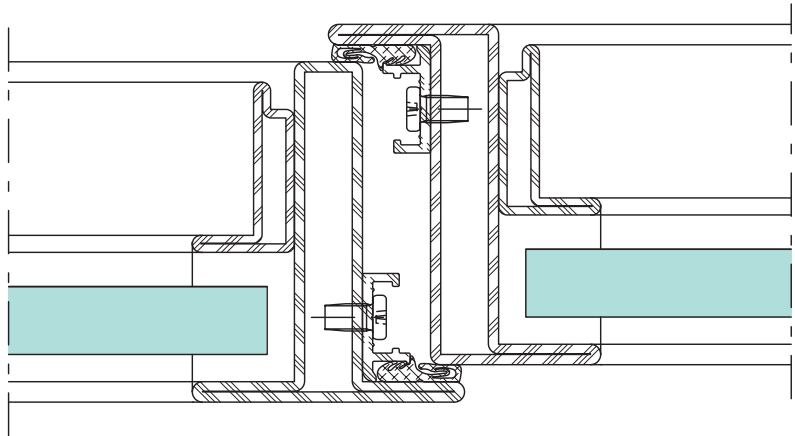
30.109



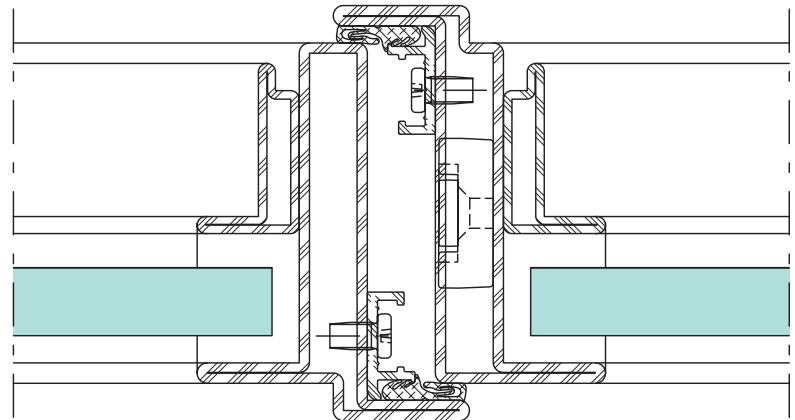
30.409

## Design range

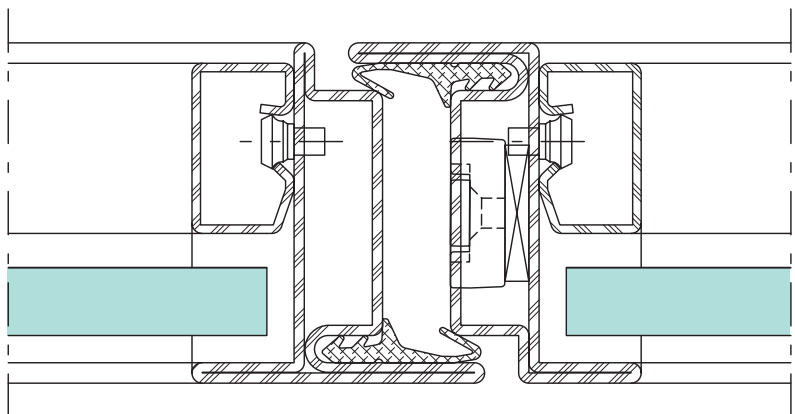
Face-fitted profile view



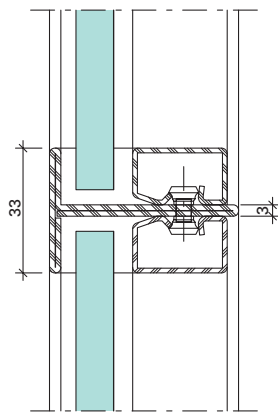
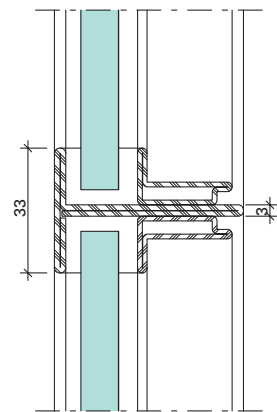
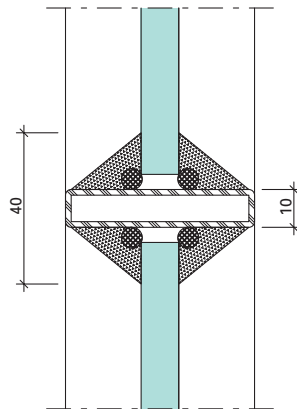
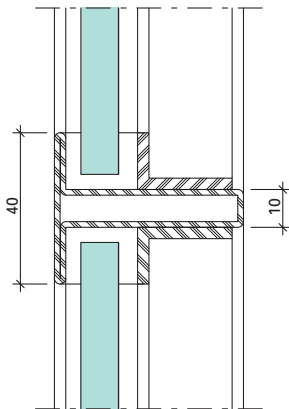
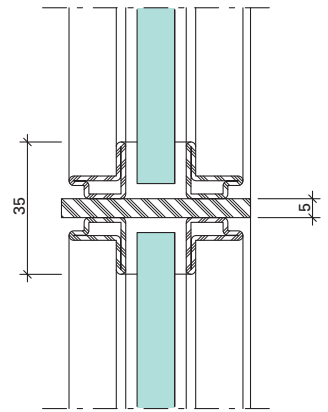
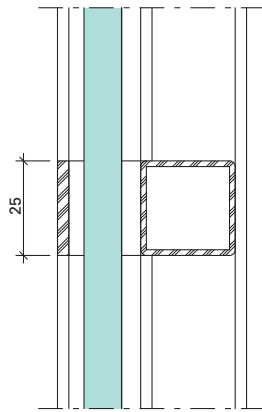
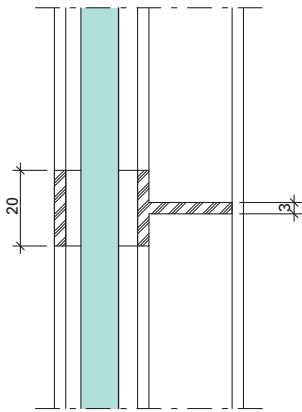
Rebated profile view



Flush-fitted profile view



Alternative glazings Jansen Art '15

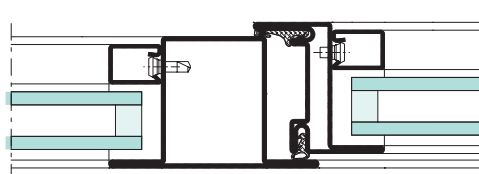




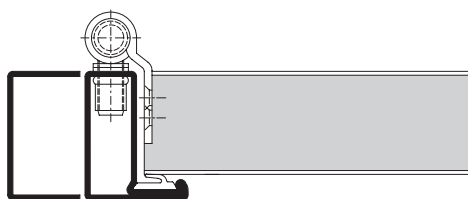
# Perfis standard

## Portas e janelas

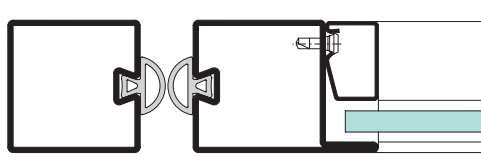
A abrangente gama de perfis com profundidades de 40, 50, 60 e 80 mm oferece várias opções criativas para portas e janelas: para estruturas que se distinguem por uma funcionalidade perfeita e uma estética atraente nas variantes de uma ou duas folhas, com elementos laterais e bandeiras de porta, como porta arqueada ou portas de vai-e-vem. As excelentes propriedades estáticas do aço podem ver-se em painéis de vidro fixos: o aço permite um dimensionamento mais elegante dos caixilhos e o uso de elementos resistentes à torção mesmo em estruturas de grandes dimensões.



Janelas com perfis standard



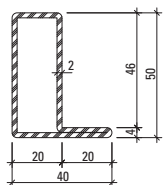
Portas de marcos



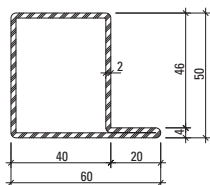
Portas de vai-e-vem

# Gama de perfis

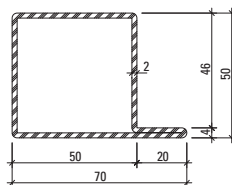
## Perfis standard de 50 mm



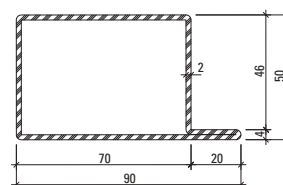
01.535



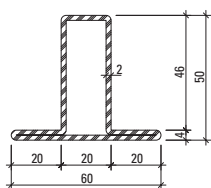
01.565



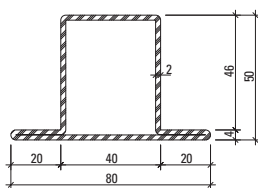
01.570



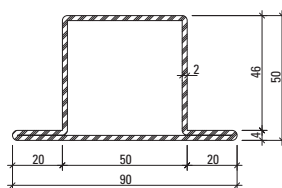
01.590



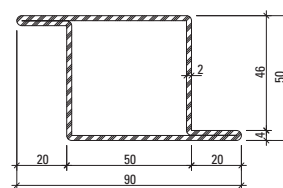
02.535



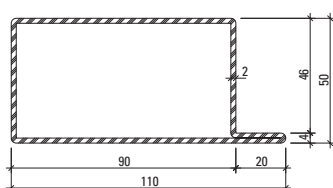
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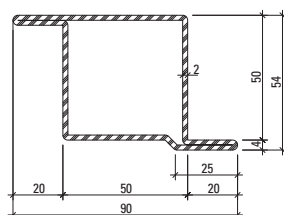
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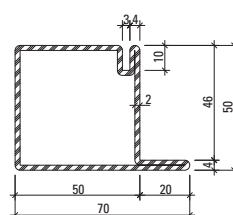
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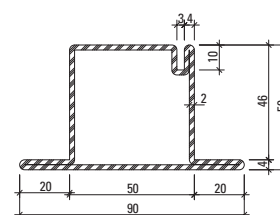
01.587



13.570

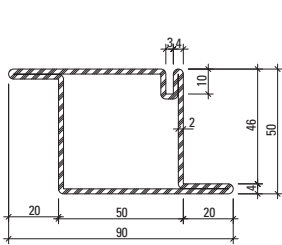


30.030

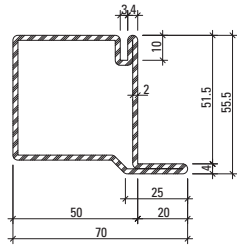


30.235

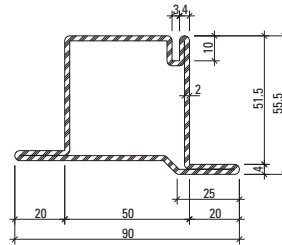




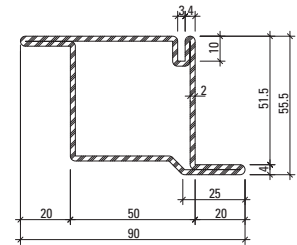
30.265



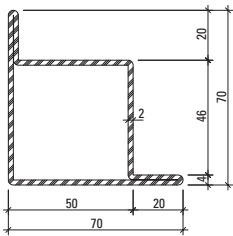
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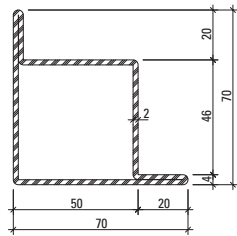
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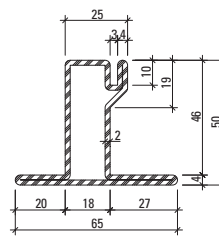
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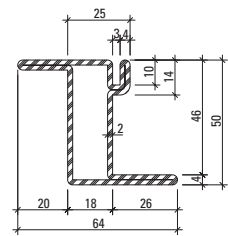
06.570



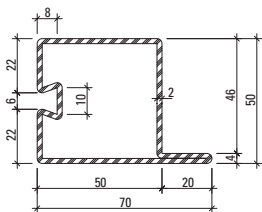
07.570



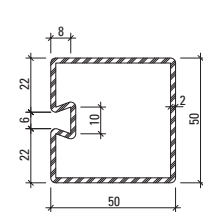
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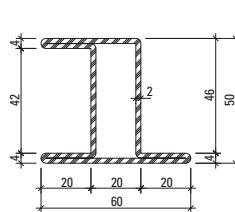
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32.366

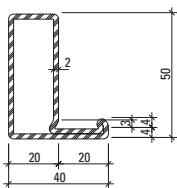


76.726

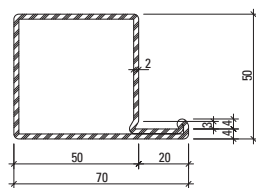


05.535

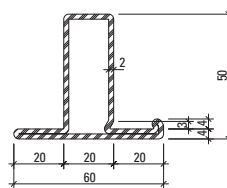
**Perfis de marcos**



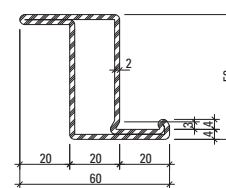
32.109



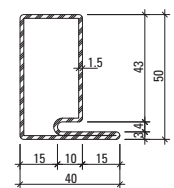
32.042



32.085

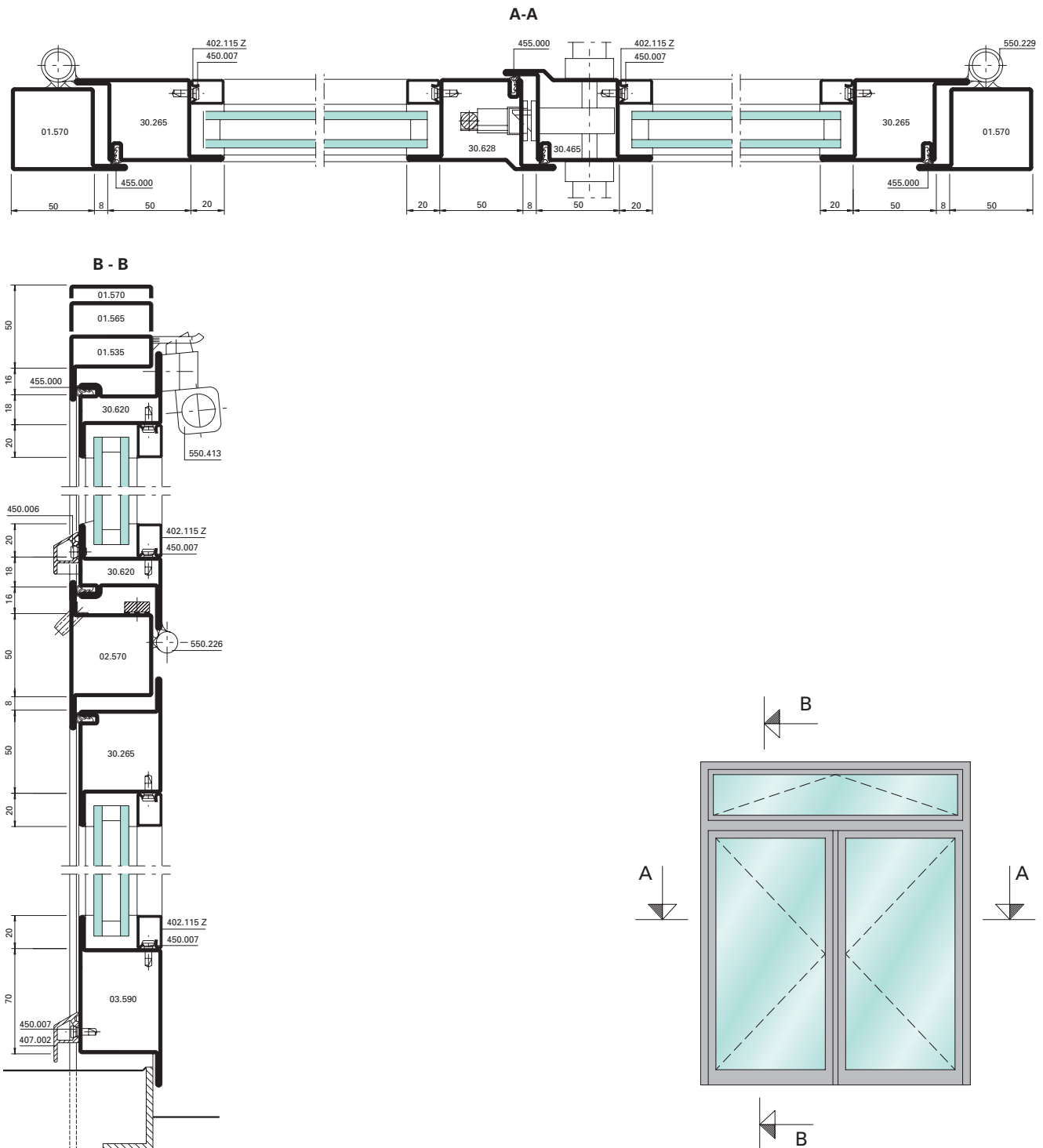


32.105



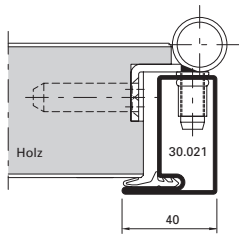
30.021

Exemplo de aplicação de portas e janelas

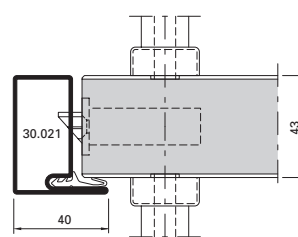
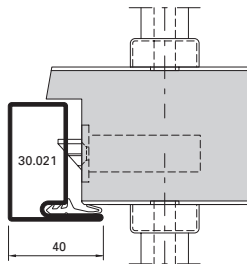


Exemplo de aplicação de perfis de marcos

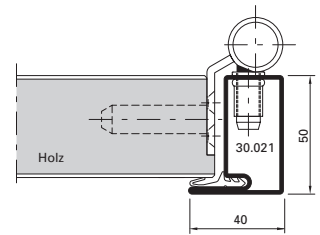
Alternative



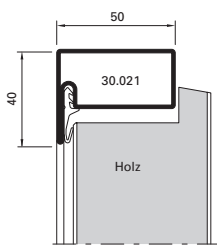
Alternative



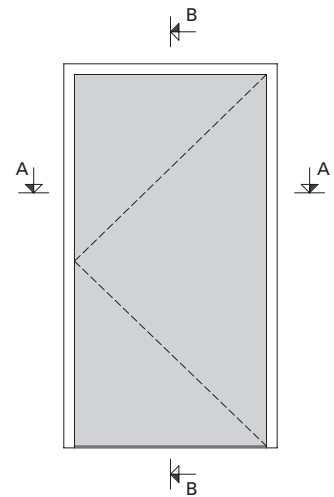
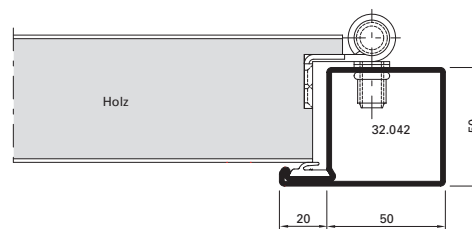
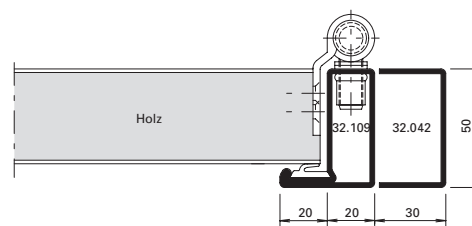
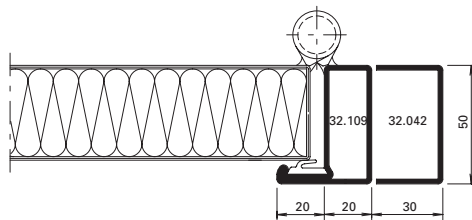
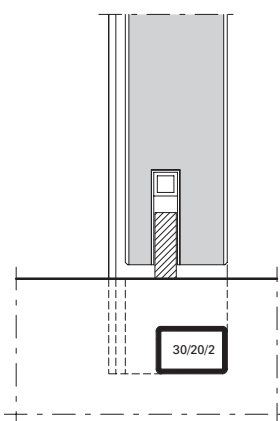
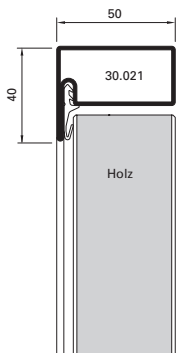
A - A



Alternative



B - B



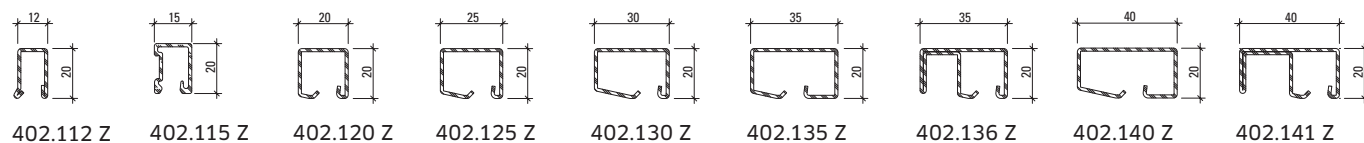




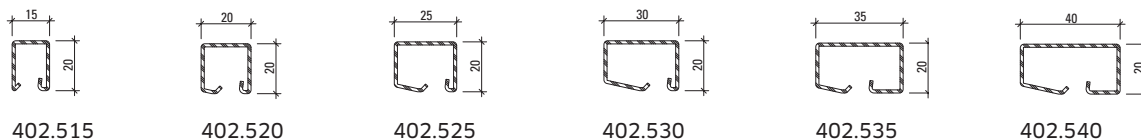
# Bites

## Aço e alumínio

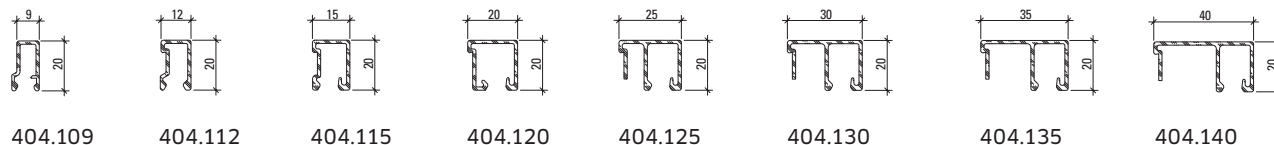
### Bites em aço com galvanização contínua (comprimento: 6 m)



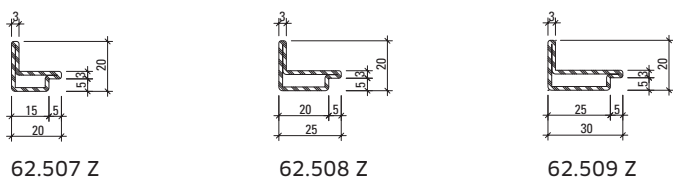
### Bites em aço inoxidável (comprimento: 6 m)



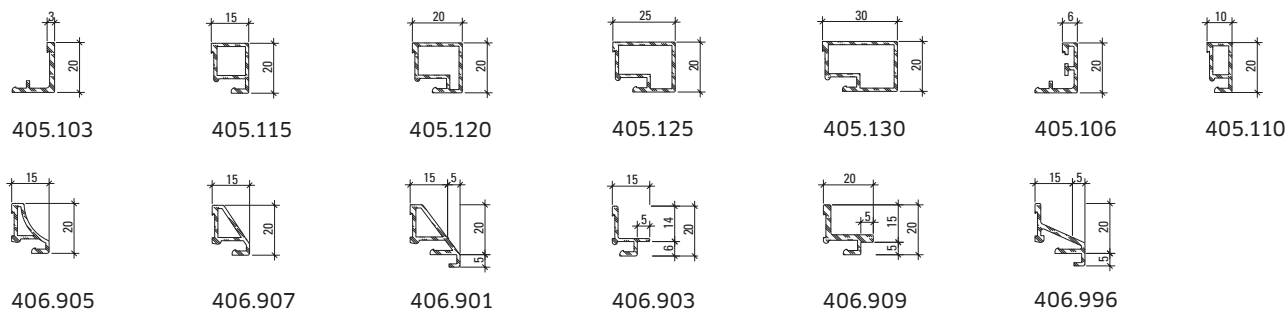
### Bites em alumínio (comprimento: 6 m)



### Bites angulares em aço (comprimento: aprox. 6 m)



### Bites em alumínio (comprimento: 6 m)



# Variedade de sistemas Para todas as aplicações



**Portas e vidros corta-fumo e corta-fogo**



**Sistema de aço com isolamento térmico para construções com montantes e travessas**



**Sistemas de perfis com isolamento térmico em aço e aço inoxidável**



**Individualidade com sistemas de perfis em aço e aço inoxidável**

Pode encontrar mais documentação na nossa página web [www.jansen.pt](http://www.jansen.pt) assim como na área de descargas.

Em caso de divergências entre o presente documento e a versão alemã actual (artigo n.º K1016990), é válido, em todos os casos, o texto original alemão em vigor no centro de Jansen Docu Center.

K1017406 | Steel Systems | 06.2019 | Sujeito a alterações

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