

## INVISIBLE HEROES.

IXCONNECT FURNITURE CONNECTORS  
FROM HÄFELE





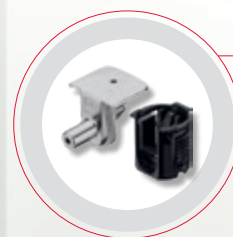
#### SPREADING CONNECTOR

SC 8/60



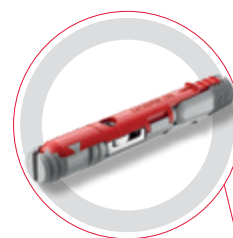
#### REAR PANEL CONNECTOR

RPC S 15/25



#### SHELF CONNECTOR

TAB 15



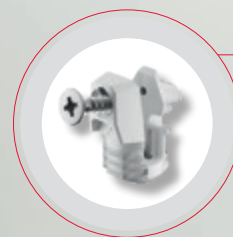
#### SPREADING CONNECTOR

SC 8/60



#### SHELF SUPPORT

3 mm and 5 mm



#### REAR PANEL CONNECTOR

RPC S 15/25

# OUR NEXT-GENERATION CONNECTOR SYSTEM

## CLEVER CONNECTOR SOLUTIONS FOR STATE-OF-THE-ART FURNITURE CONSTRUCTION.

Ixconnect **“Easy”** connectors are the ingenious solution for anyone who designs, manufactures and installs furniture. The latest generation of our connector system is almost invisible as well as more functional and easier to use than ever before. These little “facilitators” do not only highlight the design, they also facilitate manufacturing. They make furniture assembly and installation more convenient and more efficient. With the world’s most comprehensive selection of connectors, we are the ideal innovative development partner for all furniture manufacturers and installers. Our promise is based on this expertise: **“Easy. Engineered by Häfele.”**



GLASS SHELF CONNECTOR

3 mm and 5 mm

REAR PANEL CONNECTOR

RPC G 13/20

SPREADING CONNECTOR

SC 8/25

# INNOVATION FOR INDIVIDUALITY

## EASY. ENGINEERED BY HÄFELE.

Häfele is both an innovator and partner for furniture manufacturing. This is what **“Engineered by Häfele”** stands for. We think things through in great detail and we develop connectors and processes that guarantee the most efficient furniture manufacturing possible, while ensuring that you benefit from maximum leeway during manufacturing and design.

With our knowledge of current market trends, standards and manufacturing processes, we will accompany you during the development and process stages—and especially when you run into challenges along the way. This is why we developed our new **“Easy”** family of connectors.

Ixconnect means easy manufacturing, easy handling, easy installation and easy marketing. This new connector system is the culmination of more than 50 years of experience and has been optimized to create something very special: unique furniture with exceptional functionality and clean, streamlined design.

## A TRADITION OF QUALITY

For decades, Häfele has been engineering strong furniture connectors “Engineered by Häfele,” including the Minifix®, the pioneer for modern cabinet connectors which was patented in 1983, and the latest generation of Ixconnect Easiness connectors. We have the world’s most comprehensive range of connectors.

Wide-ranging expertise from a single source combined with our generations of experience make Häfele unique and indispensable as a developer and manufacturer.



## ENGINEERING PARTNER FROM A TO Z

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As a development partner, we keep in touch with the demands and processes of our customers. We support your exclusive market presence with smart connector technologies, accurate advice and personalized project solutions. With Häfele, furniture is state of the art—and its manufacturers are the industry's trendsetters.

## QUALITY SUPPLIER THANKS TO “GERMAN QUALITY”

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Ixconnect connectors from Häfele are real local heroes. Developed and manufactured in our plant in Berlin, they stand for outstanding product reliability combined with certified German quality standards.

## TREND TRANSLATOR FOR MANUFACTURING

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We turn trends into standards. Each of our connector innovations is oriented to the latest furniture trends—in terms of manufacturing, design and lifestyle. At the same time, our solutions are perfectly adapted to furniture manufacturing standards. They can be easily and reliably integrated into existing manufacturing processes without any additional investment.

# THE IXCONNECT PRINCIPLE – FURNITURE ASSEMBLY TODAY

## THE ADVANTAGES OF A COMPLETE CONNECTOR SYSTEM

With the comprehensive Ixconnect product family, Häfele is setting standards for tomorrow's furniture assembly. Because Ixconnect is backed by a product philosophy from which everyone reaps the benefits—manufacturers, installers and furniture customers.

We have a holistic view of furniture, and examine the entire journey from design to manufacturing and the finished furniture item, ensuring that every step is as simple as possible. The latest generation of Ixconnect connectors

is perfectly coordinated and embodies a well thought-out system for the manufacturing of ingenious furniture with premium design appeal.

## IXCONNECT ENSURES IT'S EASY:

THE MORE INTELLIGENT THE CONNECTOR ...

- ▣ INVISIBLE AND DISCREET
- ▣ VERSATILE
- ▣ OPTIMIZED TO MANUFACTURING STANDARDS
- ▣ TOLERANCE-INSENSITIVE MANUFACTURING
- ▣ ONE-PIECE AND WELL THOUGHT OUT
- ▣ CAN BE ASSEMBLED WITHOUT TOOLS
- ▣ COMPACT DESIGN



...THE EASIER IT IS TO COMPLETE THE FURNITURE

- APPEALING DESIGN ✓
- EASY FURNITURE CONSTRUCTION ✓
- ECONOMICAL FURNITURE MANUFACTURING ✓
- PROCESS-RELIABLE PRODUCTION ✓
- FAULT-FREE ASSEMBLY ✓
- EFFICIENT ASSEMBLY ✓
- LOW PACKAGING AND TRANSPORTATION COSTS ✓

THE INVISIBLE ONE

# SPREADING CONNECTOR

## SC 8/25

IDEAL  
FOR SMALL  
FURNITURE  
ITEMS

The one piece SC 8/25 spreading connector is ideal for small furniture items, which can be transported in an assembled condition. It can be processed quickly **without tools** and is **completely invisible** after assembly—for streamlined, elegant furniture design.



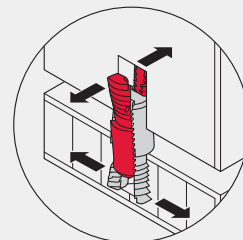
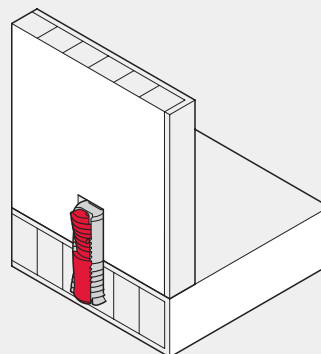
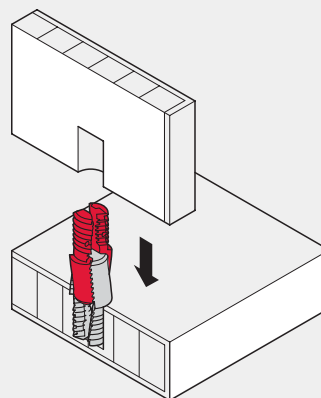
### AREA OF APPLICATION

- ▶ Small cabinets
- ▶ Wooden drawers
- ▶ Decorative elements such as plinths, panels frames and attachments
- ▶ 8 mm standard drill hole
- ▶ For all panel thicknesses from 15 mm and above



### ASSEMBLY IS AS EASY AS THIS

The spreading connector is inserted in the 8 mm hole. Then the furniture components are pushed together manually. Both connector parts spread themselves simultaneously in the hole and create a **lasting structural connection** of the furniture body.



### BEST "EASY" FACTOR FOR:

Design

Invisible

Manufacturing

Easy panel processing

Few pieces per bag

Installation

One-piece

Without tools

easiest ●●●● easy ●

THE UNCOMPLICATED ONE

# REAR PANEL CONNECTOR

## RPC G 13/20

IDEAL  
FOR SMALL  
FURNITURE  
ITEMS

The one-piece RPC G 13/20 rear panel connector is ideal for stabilizing the rear panel of small furniture items. It can be quickly processed **without tools** and is **concealed** at the rear after assembly.



### AREA OF APPLICATION

- ▶ Rear panel attachment
- ▶ Vibration protection in wooden drawers
- ▶ For all rear panel thicknesses



### ASSEMBLY IS AS EASY AS THIS

The rear panel connector is placed in the groove on the long side of the rear panel. The rear panel thickness is immaterial. Four or six connectors should be used depending on the size of the furniture. The connector can be **loosened again** if necessary.

### BEST "EASY" FACTOR FOR:

#### Installation

Without tools

Flexible use

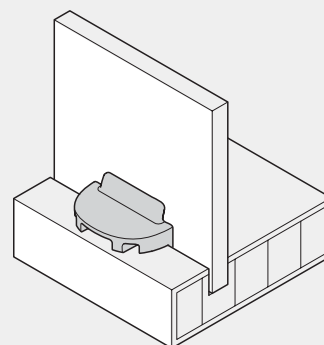
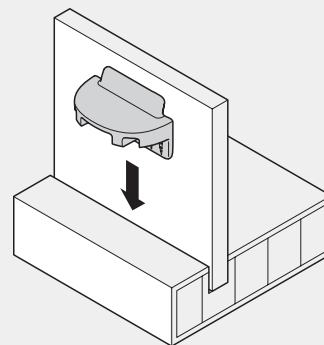
Can be taken apart

#### Manufacturing

Without additional drill holes

#### Design

Concealed



easiest ••••• easy •

● Rear panel connector for small furniture items

○ Rear panel connector for large furniture items

○ Shelf support

THE FLEXIBLE ONE

# SPREADING CONNECTOR

## SC 8/60

IDEAL  
FOR LARGE  
FURNITURE  
ITEMS

The one piece SC 8/60 spreading connector is perfect for larger furniture which needs to be taken apart for transport and reassembled at the destination. It can be **processed easily** and is **completely invisible** after assembly—for clean, elegant furniture design.



### AREA OF APPLICATION

- ▶ Cabinets which can be taken apart
- ▶ 8 mm standard drill holes
- ▶ For all panel thicknesses from 15 mm and above



### ASSEMBLY IS AS EASY AS THIS

The spreading connector is inserted in the 8 mm hole. The furniture sections are then joined together manually. Finally, the pre-installed tightening screw can be tightened by turning it by 180° with a SW 3 hexagon key. This spreads the connector in the hole and pulls the furniture parts together. The connection can be **loosened again if necessary**.

### BEST “EASY” FACTOR FOR:

#### Design

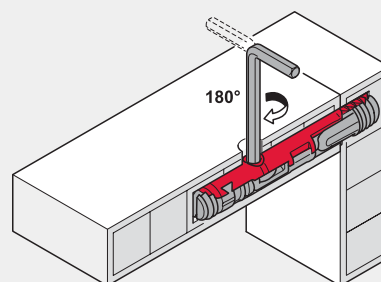
Almost invisible  
Clean gap pattern

#### Manufacturing

Easy panel processing  
Few pieces per bag

#### Installation

One piece  
Almost without tools  
Can be taken apart



easiest ••••• easy •

THE CLEVER ONE

# REAR PANEL CONNECTOR

## RPC S 15/25

IDEAL  
FOR LARGE  
FURNITURE  
ITEMS

The RPC S 15/25 rear panel connector is perfect for larger furniture items which need to be taken apart for transport and reassembled at the destination. Its well thought-out design supports the mounting of the rear panel and stabilizes the furniture item. It can be easily processed **from the front in the final location of the furniture** and integrates **discreetly** into the furniture design.



### AREA OF APPLICATION

- ▶ Attachment of rear panels of furniture that needs to be taken apart
- ▶ 15 mm standard drill holes in the groove



### ASSEMBLY IS AS EASY AS THIS

The rear panel connectors are inserted into a 15 mm drill hole in the groove. Then the rear panel is placed in the guides of the connectors and positioned for further assembly. Finally, the pre-installed tightening screw can be tightened directly from the front without requiring that the cabinet be moved. The rear panel pulls forward and therefore stiffens the furniture. The connection can be **loosened again if necessary**.

### BEST “EASY” FACTOR FOR:

#### Installation

Upright installation from the front at the final location  
Installation aid thanks to pre-positioned rear panel  
Can be taken apart

#### Stability

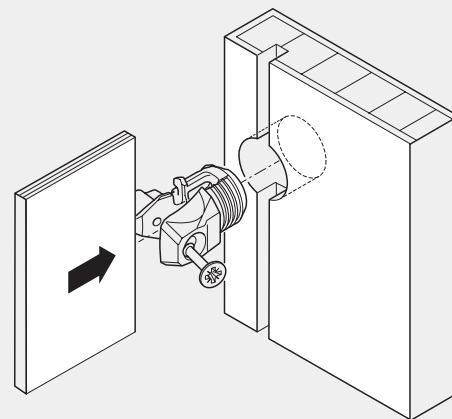
Rear panel stabilizes furniture

#### Manufacturing

Standard drill hole

#### Design

Discreet and compact



easiest ••••• easy •

○ Cabinet connector for small furniture items

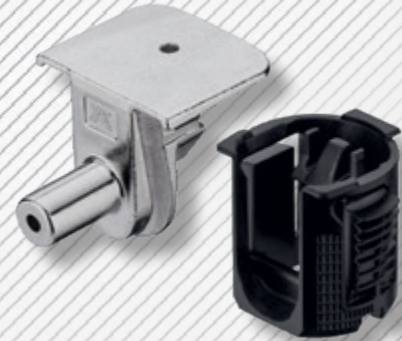
● Cabinet connector for large furniture items

○ Shelf connector

## THE STABLE ONE

# SHELF CONNECTOR TAB 15

The TAB 15 shelf connector is ideal for the stable securing of shelves and is easy to move. It can be processed **without tools** and integrates **discreetly** into the furniture design.



### AREA OF APPLICATION

- ▶ Quick movement of shelves
- ▶ For panel thicknesses of 16 and 18 mm
- ▶ Small 15 mm drill hole in shelf
- ▶ 3 or 5 mm standard holes in side panel
- ▶ Stable connection for screwing in place
- ▶ Tool-free connection for plugging in with pins



### ASSEMBLY IS AS EASY AS THIS

The plastic cup of the shelf connector is placed in the 15 mm hole. The connector support is inserted into the side panel or screwed in to form a structural connection with additional stability. Then the furniture sections are pushed together manually. The cup spreads open in the shelf and engages with the support. This secures the shelf against tilting. The connection can be **loosened again** if necessary.

### BEST "EASY" FACTOR FOR:

#### Installation

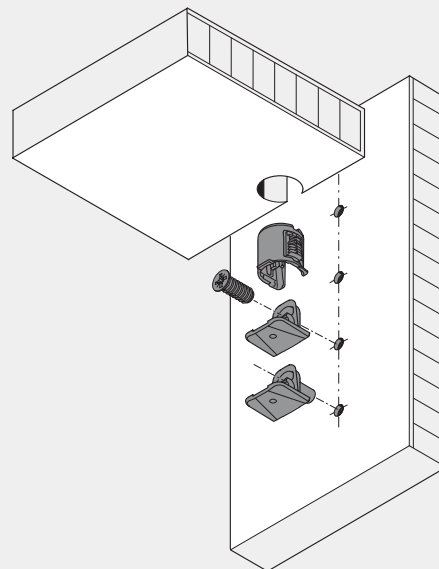
Tool-free (pin version)  
Can be taken apart

#### Stability

Structural screw connecting (screw version)  
Anti-tilt

#### Design

Discreet



easiest ●●●● easy ●

THE ELEGANT ONE

# SHELF SUPPORT

## 3 MM AND 5 MM

The compact shelf support for 3 mm and 5 mm drill holes has been developed for glass shelves and light or illuminated surfaces. Its special design **combines quality with design**, without compromising the load bearing capacity. Three versions provide the ideal solution for each shelf. Every furniture design has an elegant and stylish appearance thanks to the virtually invisible 3 mm drill holes.



### AREA OF APPLICATION

- ▶ Kitchen furniture, office furniture, bedroom and living room furniture
- ▶ Small 3 mm drill holes
- ▶ Tested in accordance with the latest European standard DIN EN 16337
- ▶ For glass (glass shelf supports only) as well as light and illuminated surfaces



### ASSEMBLY IS AS EASY AS THIS

All three versions of the shelf support provide **outstanding reliability**: With the first version, a support lip keeps the shelf support in the hole, even under heavy loads. With the second support version, a pin prevents the shelf from slipping or being pulled out. For glass shelves, the shelf supports have a transparent plastic buffer, which provides a cushioned and non-slip support surface.

### BEST "EASY" FACTOR FOR:

#### Stability

High load bearing capacity

Outstanding slipping and break-out protection

#### Design

Small 3 mm drill holes

Discreetly elegant

#### Installation

Tested in accordance with standard

#### Manufacturing

Low manufacturing costs

easiest ••••• easy •







# WHERE IDEAS COME TO LIFE

## A HERITAGE OF OUTSTANDING CONNECTORS FOR MORE THAN 50 YEARS AT THE BERLIN PLANT

Engineered by Häfele doesn't just mean that we develop products, we also manufacture them ourselves. Our exclusive Ixconnect connectors are manufactured in our own plant in Berlin, where the Häfele experts ensure that ingenious ideas are turned into high-quality connectors using hot chamber zinc die casting, thermoplastic injection molding, cold forming technology and the assembly of parts made from different materials. 1.2 billion parts are manufactured in our highly automated production system every year. For the most part, these are connector fittings for the international furniture industry, which are shipped around the world.

# HÄFELE

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