

PATENT



IXCONNECT

SPREADING CONNECTORS SC 8/25 AND SC 8/60



INTRODUCTION

Time is a commodity that is becoming scarcer, hence faster and error-minimising solutions are in increasing demand everywhere. Häfele brings to you the New IXCONNECT Spreading Connectors, SC 8/25 and SC 8/60 which are intelligent connecting solutions for anyone who designs, manufactures and installs furniture.

These connectors enhance the appearance of your furniture thanks to discreet / invisible connections and make furniture assembly and installation more convenient and efficient without tools or with just a few manual operations. The resulting connection is sturdy and the simple one-piece design of the connectors avoids unnecessary complexities during packaging, mounting and installation. You may choose SC 8/25 when you desire a permanent connection (for small cabinets that can be transported without disassembling) or SC 8/60 when you need a removable connection (for larger furniture that needs to be disassembled before transport). The new IXCONNECT connectors are tested and certified in accordance with German quality standards for a high degree of product safety and consistent quality.



262.11.111

SPREADING CONNECTOR SC 8/25



The one piece SC 8/25 spreading connector is ideal for small furniture items which can be transported in an assembled condition, wooden drawers and decorative elements such as plinths. It can be installed quickly without tools and is completely invisible after assembly – for streamlined, elegant furniture design.



MRP (INR): 8/-

- Tension Load: 250 N ~ 25 kg
- Material: Plastic (Glass Fibre Reinforced Polyamide)
- Colour: Red & Grey
- **MOQ (Minimum Order Quantity): 100 pieces**



INVISIBLE: The SC 8/25 IXCONNECT is invisibly mounted and disappears into the furniture panel therefore always remaining hidden and significantly enhancing the appearance of the furniture.



SUITABLE FOR STANDARD DRILL HOLES: The SC 8/25 fits into 8 mm standard drill holes. Hence no changes in drilling are required in the manufacturing processes during mass production.



INDEPENDENT OF PANEL THICKNESS: The SC 8/25 can be easily installed at the centre of the panel thickness (from 15 mm up to 19 mm) without changes in the drilling dimensions



WITHOUT TOOLS: The SC 8/25 connects furniture parts without any tools whatsoever – just plug and push them together.



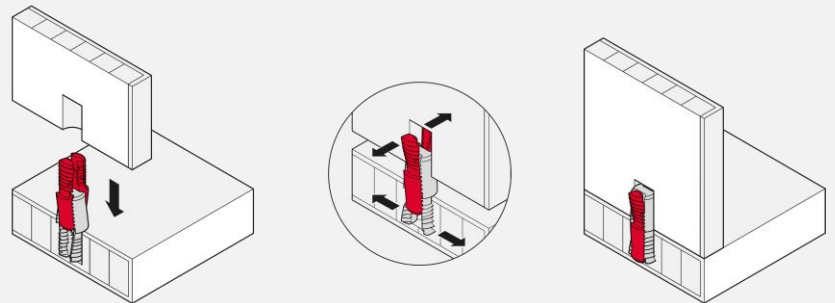
PERMANENT CONNECTION: The connection achieved with SC 8/25 is permanent and non-removable. It is therefore ideal for small furniture items, that may need to be transported assembled.



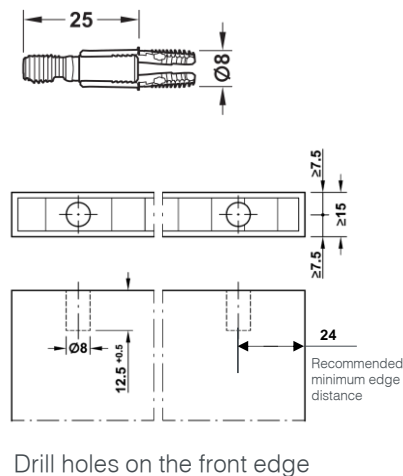
ONE-PIECE SOLUTION: Both ends of the one-piece spreading connector SC 8/25 spread synchronously and amalgamate when the furniture parts are joined together.

ASSEMBLY

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



TECHNICAL SPECIFICATIONS & DRILLING PATTERN



IMPORTANT INFORMATION

- The circumference of the furniture should be less than 3000 mm; i.e., $2 \times \text{height} + 2 \times \text{width} \leq 3000$ mm (3 m)
- In order to increase the lateral force it is advisable to combine each connection with additional wooden dowels.
- Depth of the cabinet should be less than 400 mm
- Panel thickness should be between 15 mm and 19 mm



MRP (INR): 42/-

262.11.117

SPREADING CONNECTOR SC 8/60

The one piece SC 8/60 spreading connector is perfect for larger furniture which needs to be disassembled for transport and reassembled at the destination. It can be installed easily and is completely invisible after assembly – for clean and elegant furniture design.

- Tension Load: 400 – 450 N ~ 40 – 45 kg (Chipboard) ; 350 – 400 N ~ 35 – 40 kg (MDF)
- Material: Plastic (glass fiber reinforced polyamide) , Zinc Alloy
- Colour: Red & Grey
- **MOQ (Minimum Order Quantity): 100 pieces**



DISCREET: The SC 8/60 disappears completely into the panel. Only the 6 mm drill hole is visible, via which the tightening screw is operated. This significantly enhances the appearance of the furniture.



SUITABLE FOR STANDARD DRILL HOLES: The SC 8/60 fits into 8 mm standard drill holes. Hence no changes in drilling are required in the manufacturing processes during mass production.



INDEPENDENT OF PANEL THICKNESS: The SC 8/60 can be easily installed at the centre of the panel thickness (from 15 mm up to 19 mm) without changes in the drilling dimensions



EASY: The SC 8/60 connects furniture parts with just a few manual operations – just plug the parts in, push them together and tighten the connection with the pre-mounted screw.



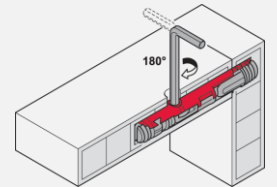
REMOVABLE: The connection achieved with SC 8/60 can be removed again just as easily with a reverse 180° turn of the tightening screw. Thus it is ideal for large furniture items that need to be disassembled for transport.



ONE-PIECE SOLUTION: The spreading of the SC 8/60 connector is carried out with a 180° turn of the tightening screw which pulls the furniture parts together and joins them securely.

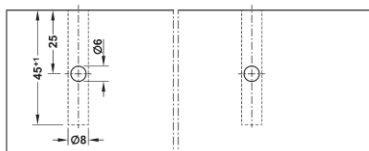
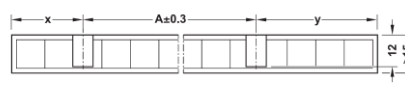
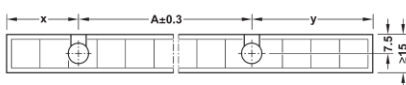
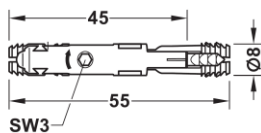
ASSEMBLY

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

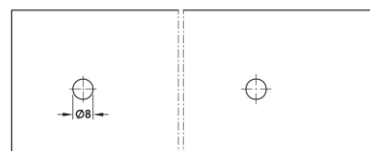


* The Allen key is not provided along with the connector and needs to be ordered separately

TECHNICAL SPECIFICATIONS & DRILLING PATTERN



Drill holes on the front edge



Drill holes on the surface

IMPORTANT INFORMATION

- Panel thickness should be between 15 mm and 19 mm
- The 6 mm drill hole for the tightening screw can be done from above or below for installation of bottom and top panels respectively
- It is not advisable to use SC 8/60 with large wardrobes with sliding doors because the lateral force exerted by the sliding doors will lead to wear and tear of the connectors

HÄFELE

Häfele India Private Limited

Office No. 3, Building "A", BETA, I Think
Techno Campus, Off J.V.L.R, Opp.
Kanjurmarg East, Mumbai – 400 042.
Phone: 022 6142 6100 | **Fax:** 022 6702 0531.

New Delhi | Kolkata | Chennai | Hyderabad |
Bangalore | Pune | Ahmedabad | Srilanka |
Bangladesh | Nepal | Bhutan

Toll Free Customer Care No.: 1800 266 6667
SMS HAFELE to 56070
info@hafeleindia.com
customercare@hafeleindia.com

