



Connecting profiles.



THE N° 1 IN CONNECTING ELEMENTS.

Connecting profiles.

Easy handling. Stable. Airtight.

Our EK STEEL and EK POLO Connect series connecting elements for the production of insulating glass units are available in numerous designs: for all types, widths or materials.

Straight connectors, corner connectors or Georgian bar accessories - our product portfolio contains numerous variants. In partnership and close cooperation with the leading profile manufacturers in the insulating glass industry, we produce the appropriate steel and plastic fasteners for all profile systems and in all dimensions.

All connectors are characterized by optimum adaptation to the profile geometry, high stability and secure locking. Continuous revision and improvement also guarantee process-reliable processing, permanent profile closure and maximum load-bearing capacity.

EK Connect elements are the preferred products in modern insulating glass production.



STRAIGHT CONNECTORS [Bend & Connect]

Regardless of type, width and material, straight connectors from the EK STEEL and EK POLO Connect series are available in numerous designs. This means they can be used for all spacer profiles, whether standard or warm edge, for pre-fill and refill technology. All variants of the EK straight connectors – pre-inserted and used for subsequent frame closing after bending – are characterized by reliable centering, optimal match to the profile geometry, high stability and secure locking.

CORNER CONNECTORS [Cut & Corner]

Easy insertion. Permanent grip. Extremely high load capacity. Features that distinguish our corner keys and custom corners. Custom corners are bendable and simplify the production of special-purpose and custom window panes, while providing superior dust-tight performance. And what's more – once inserted, they do not shift from their original position.

GEORGIAN BAR CONNECTORS [Assemble & Join]

The Georgian bar grids between insulating glass units should provide a tight fit, not rattle and be securely fixed. The wide range of Georgian bar accessories available from EK is designed for universal application and meets the highest standards required for Vienna Georgian bars (box profiles), Swiss Georgian bars, Georgian bar 2000 and 76 systems. Our innovative nylon end pieces and Georgian bar cross connectors from the EK POLO Connect series are available for both standard aluminium and warm edge Georgian bar profiles - allowing to build a Georgian bar grid in the same material as the spacer bar frame with the best EK connection technology. The end pieces are designed to be pressed into place and screwed on to facilitate assembly.

EK is certified according to IATF 16949 (Quality) and ISO 14001 (Environment) and partner of:



EK Connect for standard profiles

1 POLO straight connector desiccant passage hard/medium / 2 STEEL straight connector desiccant passage / 3 STEEL straight connector desiccant stop with/without sealing insert / 4 POLO Georgian bar end piece Duplex and Twin-profile / 5 POLO Georgian bar cross connector Duplex and Twin-profile / 6 POLO Georgian bar end piece Duplex-profile NXT / 7 POLO corner key medium/hard / 8 POLO model corner key medium/hard / 9 STEEL corner and model corner key / 10 POLO Georgian bar cross connector Duplex-profile NXT / 11 STEEL Georgian bar spring clamp Duplex-profile

EK Connect for Warm Edge – Technoform

1 STEEL straight connector desiccant passage grey/black SP13/14 / 2 STEEL straight connector desiccant passage black SP16 / 3 STEEL straight connector desiccant passage Omega grey SP13/14 / 4 POLO straight connector desiccant passage black SP13/14 / 5 POLO straight connector desiccant passage black bridge SP13/14 / 6 POLO straight connector desiccant stop black SP13/14 / 7 POLO corner key grey/black HPS / 8 POLO model corner key grey/black HPS / 9 POLO straight connector desiccant passage grey SP13/14

EK Connect for Warm Edge – High Performance Spacer

1 STEEL straight connector desiccant passage grey HPS / 2 STEEL straight connector desiccant passage grey Omega HPS / 3 POLO Georgian bar cross connector HPS / 4 POLO corner key grey/black HPS

EK Connect for Steel and stainless steel profiles

1 STEEL straight connector desiccant passage and -stop / 2 STEEL straight connector desiccant stop with sealing insert / 3 STEEL straight connector desiccant passage with sealing cover / 4 POLO straight connector desiccant stop SST / 5 STEEL straight connector desiccant passage SST / 6 STEEL straight connector desiccant passage for thin-walled SST / 7 POLO Georgian bar cross connector and end piece Duplex and Twin-profile / 8 POLO corner key / 9 STEEL corner and model corner key

‘Dress your profile’: You have the profile.

We have the right connection.

EK Connect for Warm Edge – Chromatech Ultra F/S

1 POLO straight connector desiccant passage black / 2 POLO straight connector desiccant passage bridge black / 3 POLO straight connector desiccant stop black / 4 STEEL straight connector desiccant passage black / 5 STEEL straight connector desiccant passage grey / 6 STEEL straight connector desiccant passage bridge grey/black / 7 POLO corner key WE and model corner key / 8 POLO Georgian bar end piece Twin-profile

EK Connect for Warm Edge – Thermix Pro, Thermobar and Termoprofi

1 STEEL straight connector desiccant passage black/grey Thermix / 2 STEEL straight connector desiccant passage grey Termoprofi / 3 STEEL straight connector desiccant passage grey Thermobar / 4 POLO corner and model corner key grey/black HPS

EK Connect for Box and decorative profiles

1 STEEL Georgian bar cross connector decorative profile / 2 STEEL Georgian bar spring clamp decorative profile / 3 POLO Georgian bar end piece decorative profile / 4 POLO Georgian bar end piece Duplex-profile NXT / 5 POLO Georgian bar cross connector Duplex and Twin-profile / 6 POLO Georgian bar end piece Duplex and Twin-profile / 7 POLO Georgian bar cross connector Duplex-profile NXT / 8 STEEL Georgian bar spring clamp Duplex-profile / 9 POLO Georgian bar cross connector HPS / 10 POLO clatter protection cap for Georgian bar cross connector

EK Connect Solutions

1 STEEL straight connector desiccant passage with sealing cover / 2 POLO corner key for special profile / 3 STEEL corner key for integrated blind profile / 4 STEEL corner key for solar collector black / 5 SMARELIO Protect digitalization and alarm module



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