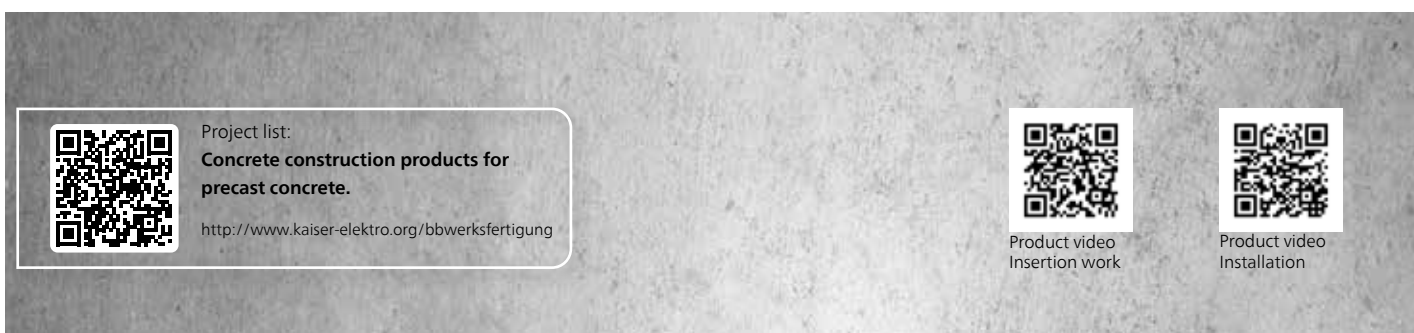




System magnet.

Solutions for automated precast concrete in concrete construction.



Systems and solutions for professional electrical installation work.

KAISER has been developing and producing systems and products as the basis for good installation work since 1904. Planners and fitters all over the world use our practice-oriented solutions for their daily work in all installation areas.



Energy efficiency.

KAISER has been developing and producing systems and products as the basis for good installation work since 1904. Planners and fitters all over the world use our practice-oriented solutions for their daily work in all installation areas.



Radiation protection.

Use of the new radiation-protection one-gang boxes allows the radiation protection of the wall to be maintained without additional shielding measures.



Fire protection.

KAISER fire protection systems provide reliable solutions for electrical installations in fire protection walls and ceilings.



Construction.

KAISER has corresponding product system solutions for safe, durable and practical use in redevelopment, renovation and modernisation projects.



Sound insulation.

KAISER's innovative sound insulation boxes ensure compliance with the construction requirements for sound insulation walls, as well as for built-in installations.



Concrete construction.

Complete systems for on-site mixed and precast concrete. Fully optimised to professional electrical installation work.

Technical information and advice

All current further information on products, system solutions and communication media can be found on our website at www.kaiser-elektro.de

For additional questions or information, our team of technical consultants will be happy to assist you and look forward to talking to you: **+49 (0) 23 55 809 61** · technik@kaiser-elektro.de

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B² conduit connectors.

Process shortening in precast concrete.

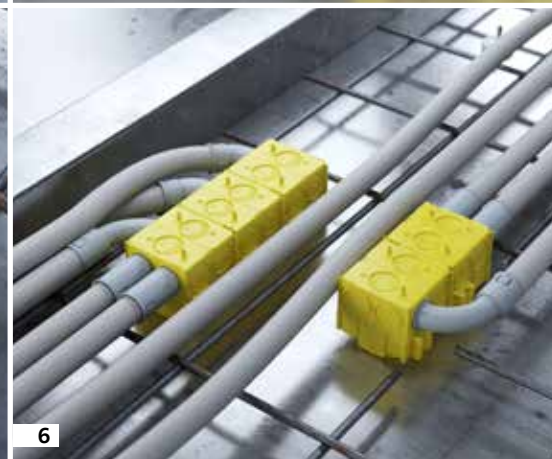
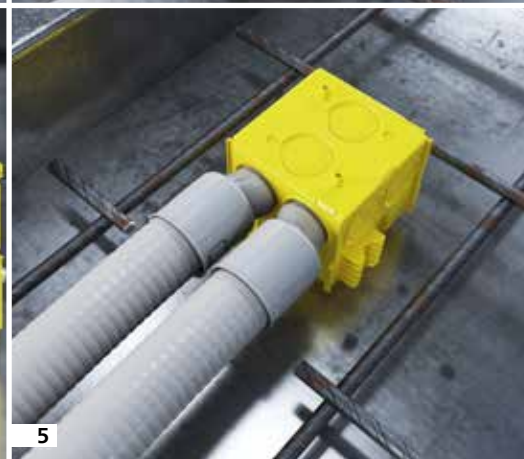
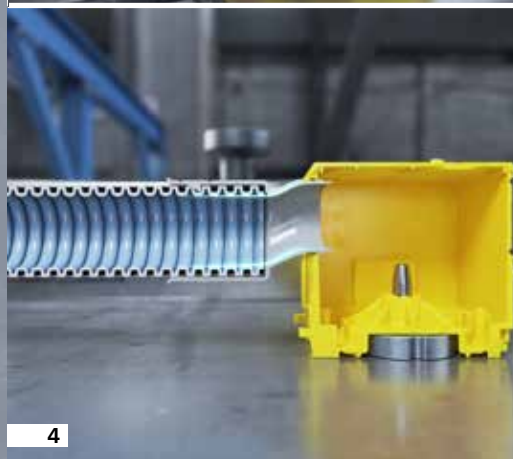
Concrete construction - Fast and secure connections.



KA0426EN_web | Subject to error and technical modifications.

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B² conduit connectors - Solutions for every connection.

The B² conduit connectors range for factory production offers a secure, tool-free conduit connection to B² equipment junction boxes without the need for special opening tools. The conduit connection created using the conduit coupling is completely watertight and reliably dampens conduit vibrations during the compaction process. Since the conduit connection is made outside the B² device junction boxes, no conduit protrudes into the interior of the box, thereby eliminating the need for internal pipe trimming. With the new 60° pipe couplings, lateral conduit connections can now also be easily implemented in tight installation spaces.

Secure and quick pipe connections with KAISER conduit connectors.

With the extensive KAISER conduit coupling range, all rigid or flexible conduits with diameters of 20, 25, 32, and 40 mm can be connected to the B² device junction boxes. Two cutting edges on the connector allow for tool-free opening of the box inlets; simply apply pressure while turning against the box to open the inlet.

The very first step demonstrates just how well-designed the system is. To begin, the tip of the conduit coupling is inserted into the designated mark.

With light pressure, it is then rotated against the device junction box until the opening is cleanly and precisely cut out. This positions the coupling exactly where it needs to be and creates a tight, precise fit with the box—the ideal foundation for a safe and durable installation. After cutting, the conduit coupling clicks audibly and tangibly into place in the box.

The electrical conduit can now be easily inserted into the locked-in coupling. The result is a stable yet flexible connection between the conduit and the box, which proves particularly time-saving and practical on the construction site. The coupling demonstrates its full strength during the compaction process. It reliably absorbs any vibrations between the conduit and the box body while ensuring a secure seal—regardless of whether the box is installed horizontally, vertically, or in any other orientation. This ensures that the installation remains permanently leak-proof, vibration-resistant, and low-maintenance.

Another advantage lies in the intelligent design of the conduit transition coupling. It guides the pipe's inner diameter directly into the B² device connection boxes (1262-XX and 1263-XX) without any restriction. This preserves the full flow cross-section, which not only significantly reduces installation effort but also increases the efficiency of the installation.

The system really shines in tight spaces or complex installation environments. The design allows for the secure connection of two conduits with a diameter of Ø 32 mm from the same direction—a solution that combines maximum flexibility with maximum functionality.

In addition, the B² range enables complete pre-assembly of the electrical installation. Conduit couplings as well as wall and ceiling transitions reliably compensate for manufacturing tolerances and dimensional deviations—especially when using rigid conduits. The result is an installation-friendly, adaptable system that makes work more efficient while guaranteeing the highest precision and safety.

Process optimization through pre-assembled modules.

The planned assemblies for the respective concrete wall elements can be pre-assembled with precision at the factory. This ensures that all components are optimally coordinated and ready for use without requiring additional assembly work. In the next step, the assemblies can be positioned quickly and easily on the formwork table in the continuous production line without disrupting the ongoing manufacturing process. The result: efficient, precise, and cost-effective production with maximum process reliability.



Animation

Conduit connector 1261-21 / -26 / -32 / -40	Conduit transition coupling Ø 32 mm 1263-32	Conduit connector 90° 1262-20 / -25 / -32	Conduit connector 60° 1266-25
Ø 20 mm Ø 25 mm Ø 32 mm Ø 40 mm	Ø 32 mm	Ø 25 mm Ø 25 mm Ø 32 mm	Ø 25 mm