



Fast and safe

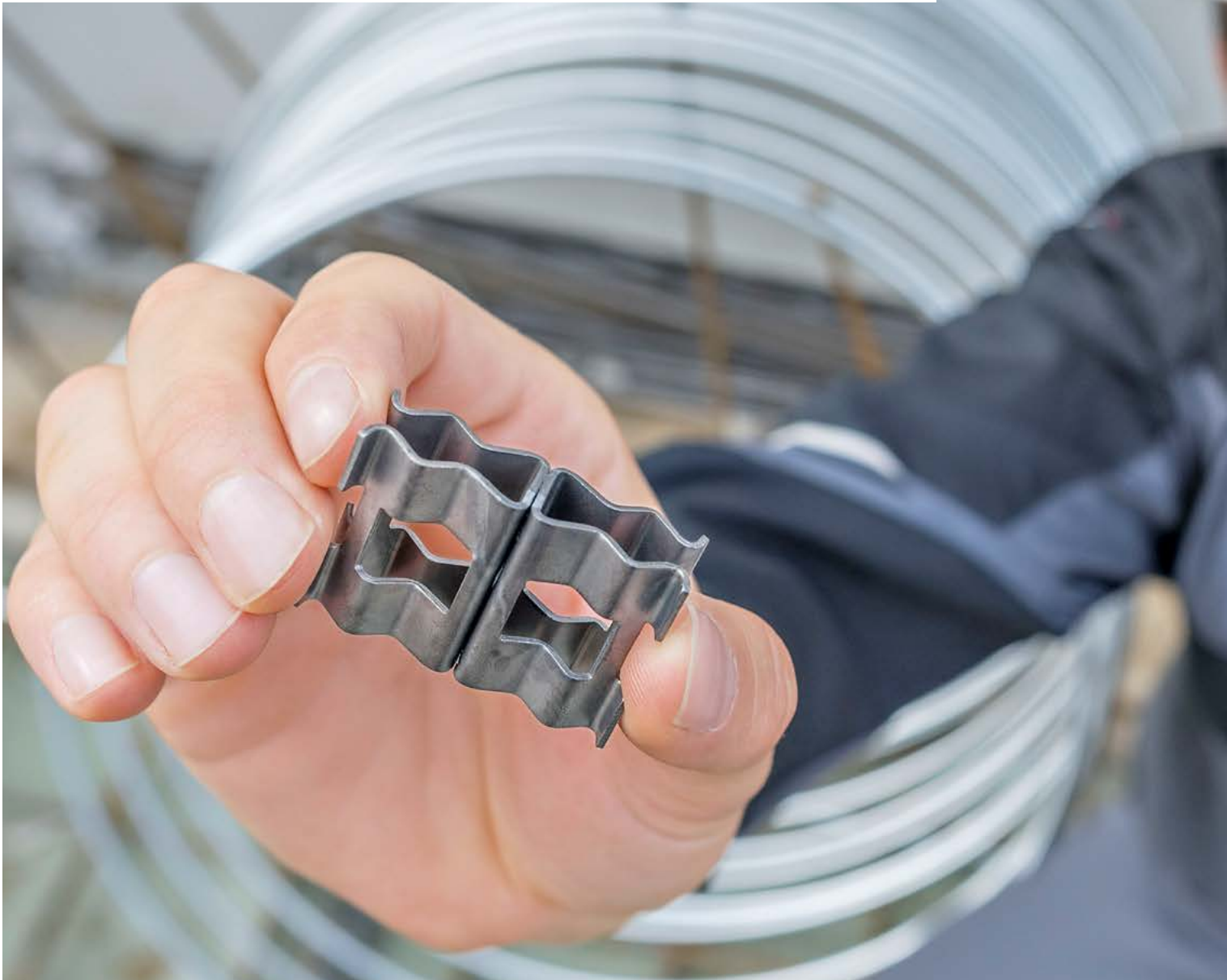
DEHNclip® – The new rebar clip

Planned introduction
July 2016



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Compact, light-weight and resource-saving

DEHNclip® is smaller and lighter than comparable conventional clamps. This saves space and weight in assembly vehicles and at the construction site. Natural resources are conserved due to the materials used.



Fast and safe

The innovative spring steel clip DEHNclip® consists of an upper and lower part. The snap-in mechanism allows the earth electrode to be safely connected to the rebar without tools.



Installation of DEHNclip® without tools saves time and money

The new rebar clip DEHNclip® allows fast connection of the earth electrode to the rebar without tools. DEHNclip® offers the following benefits:

Increased safety

DEHNclip® meets the requirements for foundation earth electrodes¹⁾ and lightning protection systems²⁾. Forgotten screw connections and tightening torques for clamps are a thing of the past. This ensures increased installation safety.

Suitable for the upper reinforcement

DEHNclip® takes up little space. Thus it can be used for installing earth electrode materials on upper reinforcements even in case of a small concrete cover. The compact clip is also an ideal solution for places which are difficult to access.

Tested technology

The conditions of use for DEHNclip® were tested in close cooperation with building industry experts. A lightning current capability of 50 kA (10/350 µs) according to IEC 62561-1³⁾ is proven for DEHNclip®.



Wide range of applications

Different types of DEHNclip® are available for various clamping ranges and rebar diameters:



Part No.	Clamping range	Material
308 130	Rd 6* / Rd 10	St/bright
308 131	Rd 8* / Rd 10	St/bright
308 132	Rd 10* / Rd 10	St/bright
308 133	Rd 12* / Rd 10	St/bright

Part No.	Clamping range	Material
308 140	Rd 6* / Fl 30 x 3-4	St/bright
308 141	Rd 8* / Fl 30 x 3-4	St/bright
308 142	Rd 10* / Fl 30 x 3-4	St/bright
308 143	Rd 12* / Fl 30 x 3-4	St/bright

*nominal rebar diameter d_n



Efficient and time-saving

With DEHNclip®, the installation time is considerably reduced compared to conventional clamps. This results in cost advantages particularly in the case of large construction sites.

¹⁾ DIN 18014: Foundation earth electrode - Planning, execution and documentation

²⁾ IEC 62305-3: Protection against lightning - Part 3: Physical damage to structures and life hazard

³⁾ IEC 62561-1: Lightning Protection System Components (LPSC)

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DEHN + SÖHNE
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