



**MADE IN
GERMANY!**

HEICO-FORM INSERTS



TYPE A LOSS-PROOF

The loss-proof inserts impress with easy handling and exceptional reliability.

Through the use of steel inserts, plastic deformation during tightening is prevented and a permanent connection is created. They prevent subsequent self-loosening as a result of shrinkage and thermal contraction of the plastic. These inserts are specially developed to withstand particularly high loads on the screw connection. After overmoulding with plastic, the center collar ensures the loss-proof retention of the inserts in the plastic component.



TYPE B LOSS & TWIST-PROOF

The loss and twist-proof inserts offer a maximum level of security.

In addition to the identical properties of Type A, the special geometry with external octagonal shape ensures a firm seat in the plastic component and prevents unwanted rotational movements of the inserts via form fit. Therefore, the inserts remain reliably in place even under heavy loads (tightening torques).



PRODUCT OVERVIEW FOR TYPE A AND B

Suitable for screws with thread	Item.-No.	Internal-Ø [mm]	External-Ø [mm]	min. length [mm]	Length increment [mm]	Max. length [mm]	Permissible compressive force 0,1mm [kN]	Material	Surface
M3	HFI-3	3,2	5,5	3	1	12	3,2	heat-treatable steel 8.8	Standard coating: ZnNi (Alternatives available on request)
M4	HFI-4	4,3	7,0	4	2	16	5,6		
M5	HFI-5	5,3	8,5	6	2	20	9,1		
M6	HFI-6	6,4	10,0	6	4	26	12,9		
M8	HFI-8	8,4	13,0	8	4	32	23,4		
M10	HFI-10	10,5	16,0	10	5	40	37,1		
M12	HFI-12	13,0	18,0	15	5	50	53,9		



The standardization of HEICO Inserts **Type A** and **B** enables efficient and economical implementation of production. As a result, you benefit from significantly shorter delivery times as well as lower production costs.



HEICO-FORM INSERTS TYPES

TYPE C CUSTOMER-SPECIFIC

These inserts offer a maximum level of individuality for the customer.

In addition to the standard Types A and B, HEICO also offers customer-specific inserts. Drawing-based custom parts can be produced from materials such as steel, aluminum, stainless steel, copper, brass and special alloys. Depending on the requirement, the geometry is developed according to customer specifications and in coordination with the HEICO engineering department. Modern NC/CNC transfer machinery and thread forming processes offer individual options.

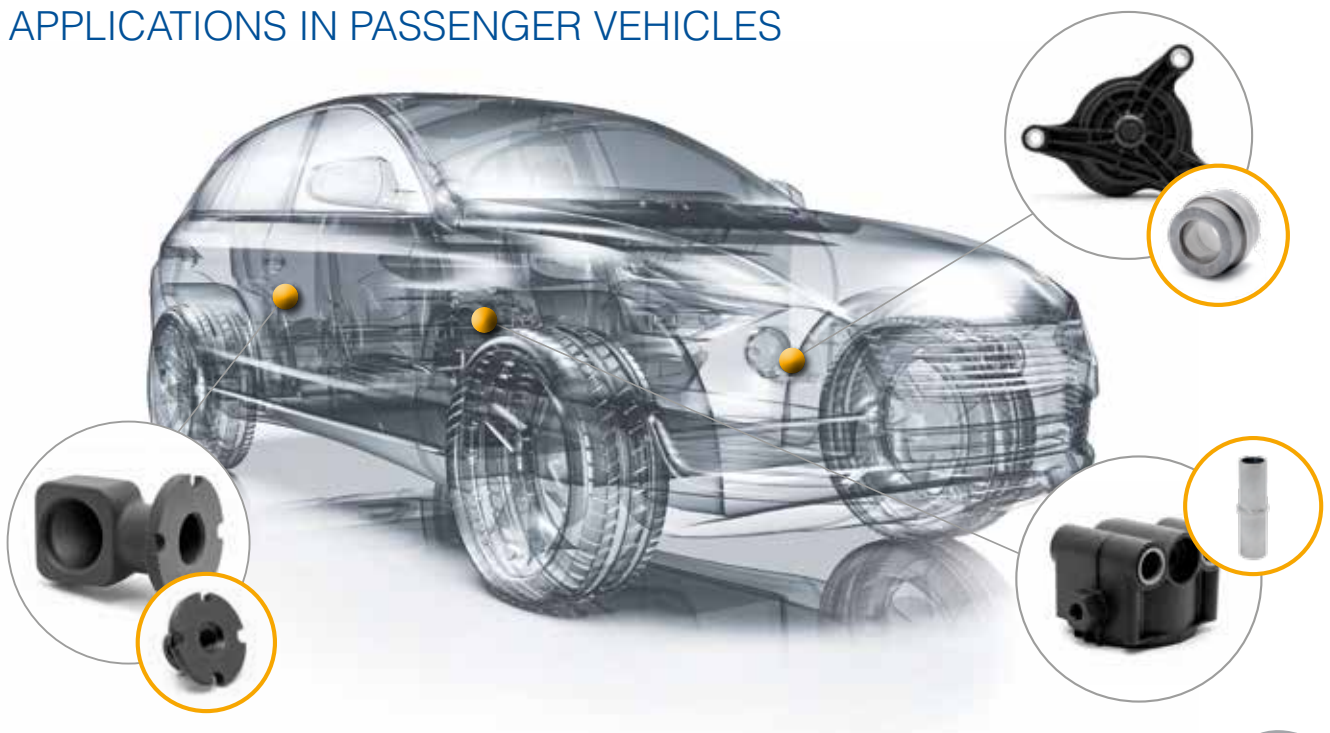


SPECIAL PARTS FOR PLASTIC APPLICATIONS

On our multi-stage presses, we manufacture project-related drawing parts for demanding plastic applications.



APPLICATIONS IN PASSENGER VEHICLES





HEICO-FORM COLD FORGED PARTS

Quality for the highest demands

In close collaboration with the customer, solution-oriented process stages are developed and optimally adapted to the customer's individual requirements. Through this process, the HEICO Group can replace cast and machined parts with precision cold formed components, even when tight tolerances are required. This offers advantages by optimising material properties through cold working and reducing material usage.



A STRONG GROUP BEHIND STRONG PRODUCTS

The HEICO group, based in the town of Ense in Westphalia, Germany, is a 4th generation, family-owned business with a long tradition. The company has been working passionately in the field of fastening technology since 1900. HEICO operates internationally with multiple company sites strategically located throughout the world. The group offers the highest degree of technical support and individual testing options.

Find out more about us: www.heico-group.com



INTERESTED?



Simply sign up
with us using
the QR-code.



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