



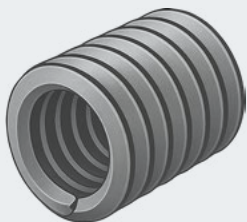
STÖGER Wire Thread Insert Screwdriving System

The STÖGER Wire Thread Insert Screwdriving System (DGS-Evo) is a fully automated system specifically developed for installing wire thread inserts (e.g., HELICOIL®) in series production. This technology is increasingly used in the field of GigaCasting. It enables fast, precise, and process-safe installation of these inserts directly from bulk material, without the use of magazines or strips.

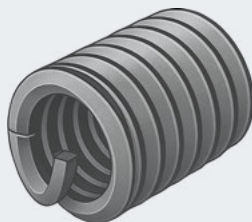
Key Features:

- + Integrated system technology: Includes feeding and control systems
- + Modular design: Reduces spare parts costs and total cost of ownership (TCO); simplifies staff training
- + Electric axial drive: Accurate depth measurement and maximum speed for highest quality with short cycle times
- + 200 mm tool overtravel: Also reliable for difficult-to-access screw positions
- + Intuitive process adjustment: Simple setup via HMI – individually configurable
- + Oriented feeding: Secure and precise positioning of wire thread inserts
- + Performance on demand: Expandable system architecture for maximum future security
- + Flexible use: Can be integrated directly on a robot or as an external tool

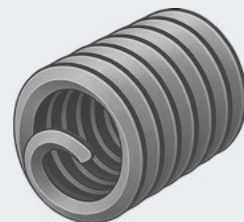
Thread Insert Types



Without tang
Sizes: M6–M14

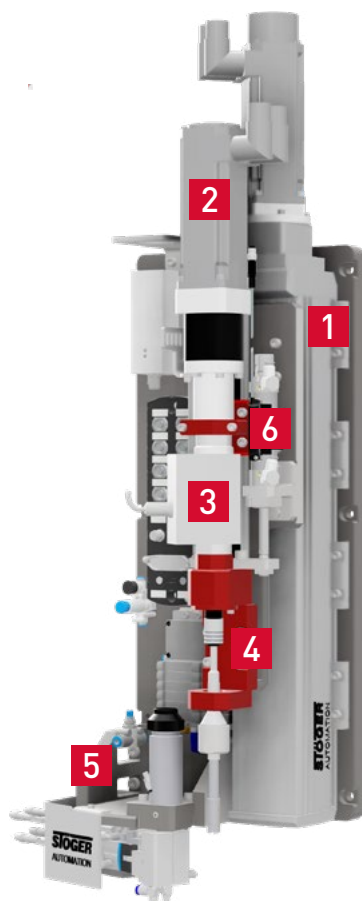


With tang
Sizes: M6–M14



With reverse-bending-tang
Sizes: M6–M14

Technical Data



DGS-Evo

System Configuration with SMS

Max. number of screwdriving spindles	4
Max. number of feeders	4
Max. number of switches	4
Torque sensor	Optional

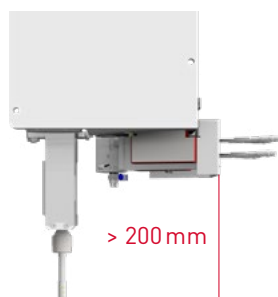
Dimensions and Weight

Length (approx.)	900 mm
Width (approx.)	300 mm
Depth (approx.)	250 mm
Weight (approx.)	30 kg

Applications

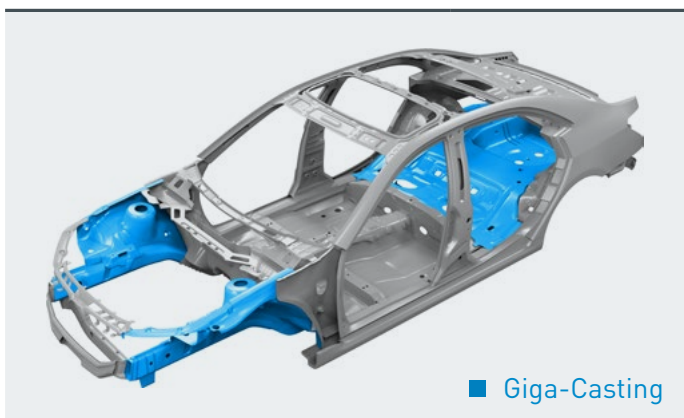
Giga-Castings	<input checked="" type="checkbox"/>
Extrusion profiles	<input checked="" type="checkbox"/>

Overtravel screwdriving tool for hard-to-reach areas



- 1) Linear drive axial movement incl. servo motor
- 2) Servo drive rotation
- 3) Torque sensor
- 4) Quick-change chuck
- 5) Loading unit with loading control
- 6) Depth sensor

Body shop – Body-in-White



■ Giga-Casting

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