DECLARATION OF PERFORMANCE

DoP/KNAPP®/112_en_0826, according to Construction Products Regulation (EU) No. 305/2011

CE ETA

1.	**Product Type**	GIGANT – Connector
2.	**Product identification**	120/40, 150/40, 180/40
3.	**Intended use**	The connectors are intended for use in making end-grain to side-grain connections, end-grain to end-grain and side-grain to side-grain connections in load bearing timber structures, as a connection between a wood-based joist and a solid timber (soft- or hard-wood) or wood based header. They are also intended for wood/steel and wood/concrete connections. They can also be installed in duo- or trio beams, CLT, LVL (For more information see ETA-10/0189 Art. 2).
4.	**Manufacturer**	Knapp GmbH, Wassergasse 31, A-3324 Euratsfeld, Austria
5.	**Authorized representative**	-
6.	**System of assessment and verification of constancy of performance (AVCP)**	System 2+
7.	**Harmonised standard**	-
8.	**ETA body** **Notified body** **Assessment Document Number** **Initial test according to**	ETA-Denmark A / S, Göteborg Plads 1, DK -2150 Nordhavn Karlsruhe Institute of Technology (KIT) – ID number 0769 ETA-10/0189 EAD 130186-00-0603 – 3-dimensional nailing plates The notified body Karlsruhe Institute of Technology, ID number 0769, has determined the product type based on an initial type test, the initial inspection of the factory and the factory production control as well as the continuous monitoring, assessment and evaluation of the factory production control and a certificate of conformity with the EC certificate of conformity No. 0769-CPR-6131/03 issued.

9. Declared performance

Essential characteristics	Performance	Technical specification
Charactaristic load-carrying capacity*	see →	ETA-10/0189 – Annex B
Connector Stiffness	see →	ETA-10/0189 – Annex B
Ductility in cyclical testing	No Performance Assessed	-
Reaction to fire	Euroclass A1	EN 13501-1
Use in service class	Service class 1 + 2	ETA-10/0189 Art. 3.6

*The characteristic capacities of the connectors are determined by means of calculation, supported by tests, as described in section 2.2.1 of EAD 130186-00-0603. They should be used for designs according to Eurocode 5 or a similar national timber construction standard (ETA-10/0189 Art. 3.5). Due to the complexity of the data, ETA-10/0189 is a necessary part of this declaration of performance.

10. The performance of the product according to numbers 1 and 2 corresponds to the declared performance according to number 9. The manufacturer according to number 4 is solely responsible for drawing up the declaration of performance.

Signed by the manufacturer:
Friedrich Knapp, Managing Director

Euratsfeld, 28.08.2026

(Friedrich Knapp)

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KNAPP® connectors.com

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