



DECLARATION OF PERFORMANCE  
according Annex III of the Regulation (EU) Nr. 305/2011

Name of the product **Justierschraube  $\varnothing$ 6mm; made of steel**

Nr. **DOP 9\_1-14/3**

1. Unique identification code of the product-type: DOP 9\_1-14/3
2. Inteded use: Screws for structural timber products
3. Manufacturer: Verbindungselemente Engel GmbH  
Weltestraße 2+4  
D-88250 Weingarten
5. System of AVCP: System 3
6. Harmonised standard: EN 14592:2008+A1:2012  
Notified body: NB 1015
7. Declared performance:

Essential features	Measure	Performance
		<b>Dimension</b>
	[mm]	<b><math>\varnothing</math> 4,5</b>
Characteristic yield moment $M_{y,k}$	[Nmm]	npd
Characteristic tensile capacity $f_{tens,k}$	[kN]	npd
Characteristic withdrawal parameter $f_{ax,k}$	[N/mm <sup>2</sup> ]	npd
Characteristic head pull-through parameter $f_{head,k}$	[N/mm <sup>2</sup> ]	npd
Characteristic torsional ratio $f_{tor,k} / R_{tor,k}$		$\geq 1,50$
Characteristic timber density $\rho$	[Kg/m <sup>3</sup> ]	450
Corrosion protection zinc coating class of use EN1995-1-1	Class	2

8. Appropriate Technical Documentation: ITT 30-10065

The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer.

Signed for and on behalf of the manufacturer by:

Holger Voss, managing director  
Weingarten, 10.01.2020