



Declaration of Performance



Befestigungselemente Technik Saarburg

CE-HV-91

Ausgabe 1306

1. **Type of product:** Toothed Plate Connector (one-sided)
2. **Identification:** C11
3. **Application:** For products of structural timber for bearing applications
4. **Manufacturer:** BTS GmbH, Max Planck Str. 1, 54439 Saarburg
5. **Authorised representative:** Not applicable
6. **Rating System:** 2+

7.,8. **Technical specifications and approved authorities**

	Name	Nr.	Rating System	Reference document	EAD (ETAG) Nr. / EN Norm
Technical Rating	BTS GmbH Saarburg	-	2+	BTS ITT Report Type C11	DIN EN 14545:2009-02
Factory-owned production control	Karlsruher Institut für Technologie	0769	2+	0769-CPD-6035	-

9. **Declared Performance:**

Essential Characteristics	Performance					Technical Specification
Designation	Toothed Plate Connector C11					
Dimension						
Diameter - d_c (mm)	50	65	80	95	115	EN 912
Mechanical strength and stiffness						
Characteristic Capacity - $R_{c,k}$ (KN)	9,01	13,22	17,93	23,10	30,86	DIN EN 14545 Section 6.1.3; EN 13271
Displacement Module - K_{ser} (KN/mm ²)	7,98	10,30	12,62	14,94	18,13	DIN EN 14545 Section 6.1.3; EN 13271
Material	Malleable cast iron EN-GJMB-350-10					DIN-EN 1562
Corrosion protection	zinc-plated - Fe/Zn12/C					DIN-EN-ISO 2081

10. The performance of the product acc. number 1 and 2 correspond to the declared performance for number 9. Responsible for the issue of this declaration of performance is only the manufacturer acc. number 4.

Signed for the manufacturer and on behalf of the manufacturer from:

Uwe Krüger
Manager

Michael Wirtz
Manager

Saarburg, 24.06.2013



Declaration of Performance



CE-HV-92

Ausgabe 1306

1. **Type of product:** Toothed Plate Connector (two-sided)
2. **Identification:** C10
3. **Application:** For products of structural timber for bearing applications
4. **Manufacturer:** BTS GmbH, Max Planck Str. 1, 54439 Saarburg
5. **Authorities representative:** Not applicable
6. **Rating System** 2+
- 7.,8. **Technical specifications and approved authorities**

	Name	Nr.	Rating System	Reference document	EAD (ETAG) Nr. / EN Norm
Technical Rating	BTS GmbH Saarburg	-	2+	BTS ITT Report Type C10	DIN EN 14545:2009-02
Factory-owned production control	Karlsruher Institut für Technologie	0769	2+	0769-CPD-6035	-

9. **Declared Performance:**

Essential Characteristics	Performance					Technical Specification
Designation	Toothed Plate Connector C11					
Dimension						
Diameter - d_c (mm)	50	65	80	95	115	EN 912
Mechanical strength and stiffness						
Characteristic Capacity - $R_{c,k}$ (KN)	8,81	13,19	17,99	23,33	31,02	DIN EN 14545 Section 6.1.3; EN 13271
Displacement Module - K_{ser} (KN/mm ²)	7,86	10,29	12,65	15,04	18,18	DIN EN 14545 Section 6.1.3; EN 13271
Material	Malleable cast iron EN-GJMB-350-10					DIN-EN 1562
Corrosion Protection	zinc-plated - Fe/Zn12/C					DIN-EN-ISO 2081

10. The performance of the product acc. number 1 and 2 correspond to the declared performance for number 9. Responsible for the issue of this declaration of performance is only the manufacturer acc. number 4.

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