



Declaration of Performance



DoP-NR.: 12/0354/BeFIX

1. Article: BeFIX SK, BeFIX TK, BeFIX TKD, BeFIX HVV
2. Batch-Number: See Batch-Stamp on outer package
3. Fastener for timber construction
4. Joh. Friedrich Behrens AG
Bogenstraße 43-45
22926 Ahrensburg; Germany
5. -
6. System of assessment and verification: 2+ -Type-Testing, factory production control and testing with prescribed test plan by manufacturer
7. -
8. ETA-Danmark A/S, Kollegievej 6, 2920 Charlottenlund, Denmark: ETA-12/0354
1034 - HFB Engineering GmbH, Zschortauer Str.42, 04129 Leipzig, Germany certified the conformity of the factory production control and issued the certificate 1034 - CPR - 2060/1/2015.
9. Declared performance in ETA-12/0354

Essential characteristics	Ø3,5	Ø4,0	Ø4,5	Ø5,0	Ø6,0	Ø8,0	Ø10,0
Load capacity $f_{tens,k}$ [kN]	3,8	5	6,4	7,9	11	20	28
Fracture torque $f_{tor,k}$ [Nm]	2	3	4,2	5,6	9,5	22	40
Yield moment $M_{y,k}$ [Nm]	2,3	3,3	4,5	5,9	9,5	20	35,8
Withdrawal parameter $f_{ax,k}$ [N/mm ²]	13,3	12,9	12,5	12,1	11,4	11,1	10,8
Head pull-through para. $f_{head,k}$ [N/mm ²]	12						

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Tobias Fischer-Zernin (President)

Ahrensburg, 06th June 2015