



DoP-Declaration of Performance No.: 311002402/1/2016
Collated galvanized helical shank nails



1. Products Type: Collated Galvanized helical shank timber nails

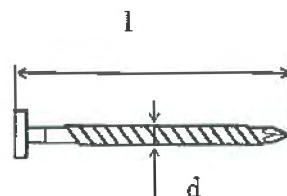
2. Identification: FAP32V5, FAP32V5-S, FAP38V9, FAP38V9-HT/65-CUP, FAP50V9, FAP65V5, FAP65V9

3. Intended use: For structural timber products

Dimensions:

Diameter [d]mm: 2.50-2.95

Lengths [l]mm: 32, 38, 50, 65



4. Manufacture & Importer:

Manufacture:

MAX CO., LTD.

1848 Kawai, Tamamura-machi,
Sawagun, Gunma, Japan

Importer:

MAX Europe B.V.

Camerastraat 19, 1322BB,
Almere, The Netherlands

5. Representative:

MAX Europe B.V.

Camerastraat 19, 1322BB, Almere, The Netherlands

6. System of Assessment: System 3

7. Harmonized Standard & Notified Body:

HFB Engineering GmbH (NB 1034) performed the third party tasks as set out in Annex V under AVCP System 3.



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8. European Technical assessment & Technical Assessment Body: N/A

9. Declared Performance:

Test	Symbol	Unit	FAP32V5	FAP32V5S	FAP38V9	FAP38V9-HT /65-CUP	FAP50V9	FAP65V5	FAP65V9	Standard
Yield moment	$M_{y,k}$	Nm	5.13	3.86	7.10	7.16	7.02	4.63	6.81	EN14592:2008+A1:2012 - Clause 6.1.4.2 Tested to EN 409
Withdrawal Parameter	$f_{ax,k}$	N/mm2	8.6	3.8	10.1	14.4	9.3	9.6	9.6	EN14592:2008+A1:2012 - Clause 6.1.4.3 Tested to EN 1382
Head Pull Through Parameter	$f_{head,k}$	N/mm2	32.2	22.3	16.4	26.4	35	44.9	37.7	EN14592:2008+A1:2012 - Clause 6.1.4.4 Tested to EN 1383
Tensile Capacity	$f_{tens,k}$	N	9077	6648	11697	4810	11303	8354	10909	EN14592:2008+A1:2012 - Clause 6.1.4.5 Tested to EN 1383

10. Corrosion Protection in accordance with ISO 9227:2012 Corrosion tests in artificial atmospheres-Salt spray tests

FAP32V5, FAP38V9, FAP38V9-HT/65-CUP, FAP50V9, FAP65V5, FAP65V9

No rusty on these nails after Salt spray test (ISO9227:2012) for 48 hours

Minimum thickness of coating: 5µm

FAP32V5-S-Stainless

No rusty on these nails after Salt spray test (ISO9227:2012) for 240 hours

11. 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:

SIGN: Yasushi Shimizu

DATE: 2016. 8. 2

Yasushi Shimizu Senior Manager,
Environment & Quality Assurance Department of MAX
CO., LTD.

SIGN: 入富 慎

DATE: 02. August 2016

Makoto Hisatomi
Managing Director, MAX Europe B.V.