DEWALT®

www.DEWALT.eu

CE

Declaration of Performance	DOP - DW	EU_28_NRB
Page 1 of 2		

REVISION B

1. Product Type: Notch Head, Bright Ring Shank Timber Nails
2. Identification: As Defined
3. Intended Use: For Structural Timber Products
4. Manufacturer: Stanley Black & Decker bvba; Kanaalweg 112 IZ Ravenshout Zone 3, 3980 Tessenderlo, Belgium
5. Representative: n/a
6. Assessment and Verification of Constancy of Performance: 3
7., 8. Technical Specifications & Notified Bodies

Task Performed	Performed By	NB #	System of Assessment	Report	EN Standard
Initial Type Testing	KIT	0769	3	50-90	EN14592:2008+A1:2012
Factory Production Control	Stanley Black & Decker	-	3	-	-

9. Declared Performance

Dimensions

Diameter - d	2.7 mm	Profile Length - Lg	> 4.5d
Head Area - Ah	33.3 mm²	Point Length - Lp	$0.5d \leq Lp \leq 2.5d$
Length - L	50-90 mm	Coated Length - Lcoat	> 0.5L

Durability

		Harmonized Technical Specification
Material	Non-alloy steel	EN14592:2008+A1:2012 - Clause 6.1.2 in accordance with EN10016-2
Tensile Strength	Minimum 700 N/mm²	EN14592:2008+A1:2012 - Clause 6.1.2 in accordance with EN10218-1
Corrosion Protection	Service Class 1: Bright	EN14592:2008+A1:2012 - Clause 6.1.5 in accordance with EN1995-1-1

Mechanical Strength and Stiffness

Yield Moment	$M_{y,k} = 2.07$ Nm	EN14592:2008+A1:2012 - Clause 6.1.4.2 Tested to EN 409
Withdrawal Parameter in timber of characteristic density 350 kg/m³ With coating NONE	$f_{ax,k} = 9.24$ N/mm²	EN14592:2008+A1:2012 Clause 6.1.4.3 Tested to EN 1382
Head Pull Through Parameter in timber of characteristic density 350 kg/m³	$f_{head,k} = 16.3$ N/mm²	EN14592:2008+A1:2012 Clause 6.1.4.4. Tested to EN 1383
Tensile Capacity	$f_{tens,k} = 3.59$ kN	EN14592:2008+A1:2012 Clause 6.1.4.5. Tested to EN 1383

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:

Markus Rompel (VP PTE Europe) ..... (Idstein, Germany, 09/27/2022)

Jared W. Rondeau (Lead Project Engineer) ..... (Connecticut, USA, 09/27/2022) Form: Rev B

DEWALT
www.DEWALT.eu

UK CA

Declaration of Performance	DOP - DW	EU_28_NRB

REVISION B

1. Product Type: Notch Head, Bright Ring Shank Timber Nails
2. Identification: As Defined
3. Intended Use: For Structural Timber Products
4. Manufacturer: Stanley Black & Decker bvba; Kanaalweg 112 IZ Ravenshout Zone 3, 3980 Tessenderlo, Belgium
5. Representative: n/a
6. Assessment and Verification of Constancy of Performance: 3

7., 8. Technical Specifications & Notified Bodies

Task Performed	Performed By	NB #	System of Assessment	Report	EN Standard
Initial Type Testing	KIT	0769	3	50-90	EN14592:2008+A1:2012
Factory Production Control	Stanley Black & Decker	-	3	-	-

9. Declared Performance

Dimensions

Diameter - d	2.7 mm	Profile Length - Lg	> 4.5d
Head Area - Ah	33.3 mm²	Point Length - Lp	0.5d ≤ Lp ≤ 2.5d
Length - L	50-90 mm	Coated Length - Lcoat	> 0.5L

Durability

		Harmonized Technical Specification
Material	Non-alloy steel	EN14592:2008+A1:2012 - Clause 6.1.2 in accordance with EN10016-2
Tensile Strength	Minimum 700 N/mm²	EN14592:2008+A1:2012 - Clause 6.1.2 in accordance with EN10218-1
Corrosion Protection	Service Class 1: Bright	EN14592:2008+A1:2012 - Clause 6.1.5 in accordance with EN1995-1-1

Mechanical Strength and Stiffness

Yield Moment	$M_{y,k}$ = 2.07 Nm	EN14592:2008+A1:2012 - Clause 6.1.4.2 Tested to EN 409
Withdrawal Parameter in timber of characteristic density 350 kg/m³ With coating NONE	$f_{ax,k}$ = 9.24 N/mm²	EN14592:2008+A1:2012 Clause 6.1.4.3 Tested to EN 1382
Head Pull Through Parameter in timber of characteristic density 350 kg/m³	$f_{head,k}$ = 16.3 N/mm²	EN14592:2008+A1:2012 Clause 6.1.4.4. Tested to EN 1383
Tensile Capacity	$f_{tens,k}$ = 3.59 kN	EN14592:2008+A1:2012 Clause 6.1.4.5. Tested to EN 1383

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:

Karl Evans (VP PPT EANZ GTS) ..... (Slough, England, 09/27/2022)

Jared W. Rondeau (Lead Project Engineer) ..... (Connecticut, USA, 09/27/2022)

Form: Rev A