



Nail type: **2.1mm diameter smooth shank**

Finish: **Bright**

Collation: **16° wire weld**

Suitable for these tools:-

6mm pitch collation; **Haubold RNC 50M**
Paslode CNW50.1
 6.8mm pitch collation; **Haubold RNC57,**
Paslode CNW65.1, Toolmatic CW550

Nail lengths*: 25 to 65mm

Nails per standard coil: 350

(1000 / 1200 nail large coils also available)

For fixing timber, OSB or plywood to timber



CORROSION PROTECTION

Label colour on packaging	Eurocode 5 service class	Finish
	Service Class 1 Indoor use	Bright (no protection)

Eurocode 5 only details minimum protection, it does not consider local environmental conditions, we recommend that you refer to ISO12944 part 2 to determine the appropriate corrosion protection. See appendix for details.

NAIL PROPERTIES / DIMENSIONS

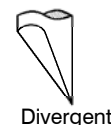
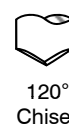
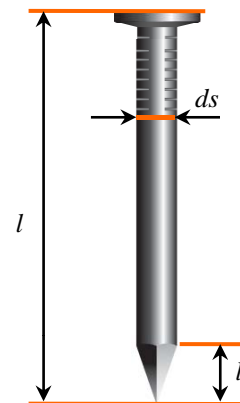
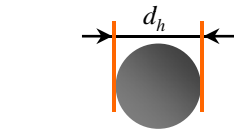
- Tensile strength of wire: min 700 N/mm²
- Shank diameter (d_s)*: 2.1mm
- Head diameter (d_h)*: 4.6mm (6mm pitch collation)
5.0mm (6.8mm pitch collation)
Other head diameters can be supplied to order

- Standard nail lengths* (l):-

l (mm) 27 30 35 40 45 50 55 60 65

- Diamond point length l_p : 3mm
- Standard point: diamond
- 120° chisel and divergent points to special order

- Tolerances according to EN14592 for nail length, nail diameter and head diameter
- See tool manuals for min and max nail lengths



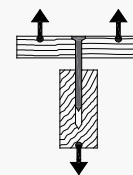
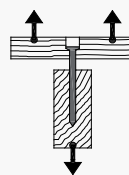
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CHARACTERISTIC PARAMETERS FOR CALCULATION TO EUROCODE 5

Head pull-through $f_{head,k}$ [N/mm ²]	Withdrawal $f_{ax,k}$ [N/mm ²]	Yield moment $M_{y,k}$ [Nmm]
8.58	2.45	1445



Minimum embedment in base member: 17mm (lateral load)
 Smooth shank nails not suitable for permanent axial loading

See Datasheet Appendix for guidance on spacing etc.. and Eurocode 5 for complete rules on timber member dimensions etc..

- To obtain characteristic head pull-through capacity multiply factor by d_h^2
- For withdrawal capacity multiply factor by base material embedment and fastener nominal diameter
- Values based on characteristic wood density of 350kg/m³

Nail type: **2.1mm diameter smooth shank**
 Finish: **Electro-galvanised 5µm**
 Collation: **16° wire weld**



Suitable for these tools:-

6mm pitch collation; **Haubold RNC 50M**
Paslode CNW50.1
 6.8mm pitch collation; **Haubold RNC57,**
Paslode CNW65.1, Toolmatic CW550

Nail lengths*: 25 to 65mm

Nails per standard coil: 350

(1000 / 1200 nail large coils also available)

For fixing timber, OSB or plywood to timber



CORROSION PROTECTION

Label colour on packaging	Eurocode 5 service class	Finish
	Service Class 1 Indoor use	Electro-galvanised $\geq 5\mu\text{m}$

Eurocode 5 only details minimum protection, it does not consider local environmental conditions, we recommend that you refer to ISO12944 part 2 to determine the appropriate corrosion protection. See appendix for details.

NAIL PROPERTIES / DIMENSIONS

- Tensile strength of wire: min 700 N/mm²
- Shank diameter (d_s)*: 2.1mm
- Head diameter (d_h)*: 4.6mm (6mm pitch collation)
5.0mm (6.8mm pitch collation)
Other head diameters can be supplied to order

- Standard nail lengths* (l):-

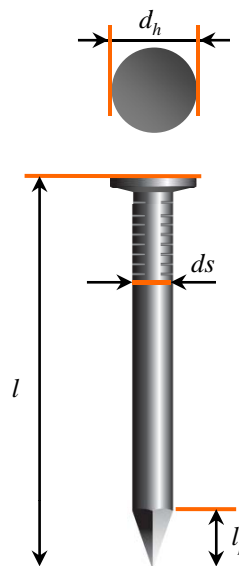
l (mm) 27 30 35 40 45 50 55 60 65

- Diamond point length l_p : 3mm
- Standard point: diamond
- 120° chisel and divergent points to special order

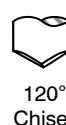
- Tolerances according to EN14592 for nail length, nail diameter and head diameter
- See tool manuals for min and max nail lengths

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Diamond



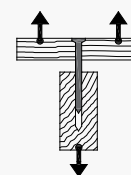
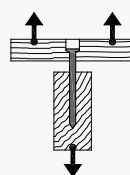
120°
Chisel



Divergent

CHARACTERISTIC PARAMETERS FOR CALCULATION TO EUROCODE 5

Head pull-through $f_{head,k}$ [N/mm ²]	Withdrawal $f_{ax,k}$ [N/mm ²]	Yield moment $M_{y,k}$ [Nmm]
8.58	2.45	1445



Minimum embedment in base member: 17mm (lateral load)
 Smooth shank nails not suitable for permanent axial loading

See Datasheet Appendix for guidance on spacing etc.. and Eurocode 5 for complete rules on timber member dimensions etc..

- To obtain characteristic head pull-through capacity multiply factor by d_h^2
- For withdrawal capacity multiply factor by base material embedment and fastener nominal diameter
- Values based on characteristic wood density of 350kg/m³

Nail type: 2.5mm diameter smooth shank

Finish: Bright

Collation: 16° wire weld



Pitch collation: 8mm

Suitable for these tools:-

Haubold RNC50 S/W, RNC65 S/WII, RNC70, RNC83. Paslode CNW65.1, CNW70.1, Toolmatic CW550

Nail lengths*: 35 to 75mm

Nails per standard coil: 300

(720 / 800 / 900 / 2500 nail coils also available)

For fixing timber, OSB or plywood to timber



CORROSION PROTECTION

Label colour on packaging	Eurocode 5 service class	Finish
	Service Class 1 Indoor use	Bright (no protection)

Eurocode 5 only details minimum protection, it does not consider local environmental conditions, we recommend that you refer to ISO12944 part 2 to determine the appropriate corrosion protection. See appendix for details.

NAIL PROPERTIES / DIMENSIONS

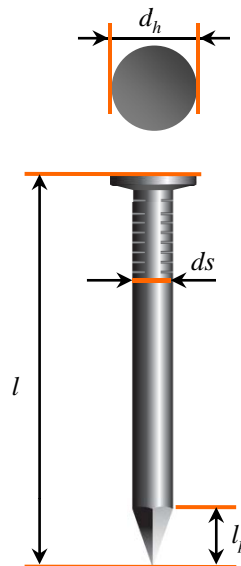
- Tensile strength of wire: min 700 N/mm²
- Shank diameter (d_s)*: 2.5mm
- Head diameter (d_h)*: 6.1mm
- Standard nail lengths* (l):-

l (mm)	35	40	45	50	55	60	65	70	75
- Diamond point length l_p : 3.5mm
- Standard point: diamond
- 120° chisel and divergent points to special order

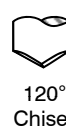
- Tolerances according to EN14592 for nail length, nail diameter and head diameter
- See tool manuals for min and max nail lengths

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Diamond



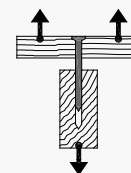
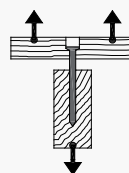
120°
Chisel



Divergent

CHARACTERISTIC PARAMETERS FOR CALCULATION TO EUROCODE 5

Head pull-through $f_{head,k}$ [N/mm ²]	Withdrawal $f_{ax,k}$ [N/mm ²]	Yield moment $M_{y,k}$ [Nmm]
8.58	2.45	2274



Minimum embedment in base member: 20mm (lateral load)
Smooth shank nails not suitable for permanent axial loading

See Datasheet Appendix for guidance on spacing etc.. and Eurocode 5 for complete rules on timber member dimensions etc..

- To obtain characteristic head pull-through capacity multiply factor by d_h^2
- For withdrawal capacity multiply factor by base material embedment and fastener nominal diameter
- Values based on characteristic wood density of 350kg/m³



Nail type: **2.5mm diameter smooth shank**
 Finish: **Electro-galvanised 5µm**
 Collation: **16° wire weld**

Pitch collation: 8mm

Suitable for these tools:-

Haubold RNC50 S/W, RNC65 S/WII, RNC70,
 RNC83. Paslode CNW65.1, CNW70.1,
 Toolmatic CW550

Nail lengths*: 35 to 75mm

Nails per standard coil: 300

(720 / 800 / 900 / 2500 nail coils also available)

For fixing timber, OSB or plywood to timber



CORROSION PROTECTION

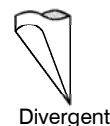
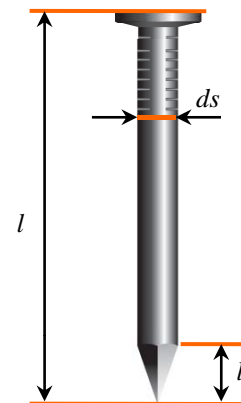
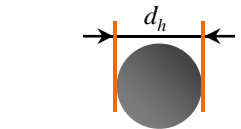
Label colour on packaging	Eurocode 5 service class	Finish
	Service Class 1 Indoor use 	Electro-galvanised $\geq 5\mu\text{m}$

Eurocode 5 only details minimum protection, it does not consider local environmental conditions, we recommend that you refer to ISO12944 part 2 to determine the appropriate corrosion protection. See appendix for details.

NAIL PROPERTIES / DIMENSIONS

- Tensile strength of wire: min 700 N/mm²
- Shank diameter (d_s)*: 2.5mm
- Head diameter (d_h)*: 6.1mm
- Standard nail lengths* (l):-
 l (mm) 35 40 45 50 55 60 65 70 75
- Diamond point length l_p : 3.5mm
- Standard point: diamond
- 120° chisel and divergent points to special order

- Tolerances according to EN14592 for nail length, nail diameter and head diameter
- See tool manuals for min and max nail lengths



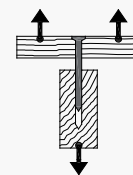
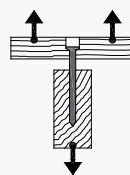
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CHARACTERISTIC PARAMETERS FOR CALCULATION TO EUROCODE 5

Head pull-through $f_{head,k}$ [N/mm ²]	Withdrawal $f_{ax,k}$ [N/mm ²]	Yield moment $M_{y,k}$ [Nmm]
8.58	2.45	2274



Minimum embedment in base member: 20mm (lateral load)
 Smooth shank nails not suitable for permanent axial loading

See Datasheet Appendix for guidance on spacing etc.. and Eurocode 5 for complete rules on timber member dimensions etc..

- To obtain characteristic head pull-through capacity multiply factor by d_h^2
- For withdrawal capacity multiply factor by base material embedment and fastener nominal diameter
- Values based on characteristic wood density of 350kg/m³



Nail type: **2.8mm** diameter **smooth** shank
Finish: **Bright**
Collation: **16° wire weld**

Pitch collation: 8mm

Suitable for these tools:- Haubold RNC65 S/WII, RNC75 S/W, RNC90 WII, RNC90 B-S/W, RNC70, RNC83

Paslode CNW70.1, CNW90, Toolmatic CW550

Nail lengths*: 36 to 90mm

Nails per standard coil: 250

(600 / 800 / 900 nail coils also available)

For fixing timber, OSB or plywood to timber



CORROSION PROTECTION

Label colour on packaging	Eurocode 5 service class	Finish
	Service Class 1 Indoor use 	Bright (no protection)

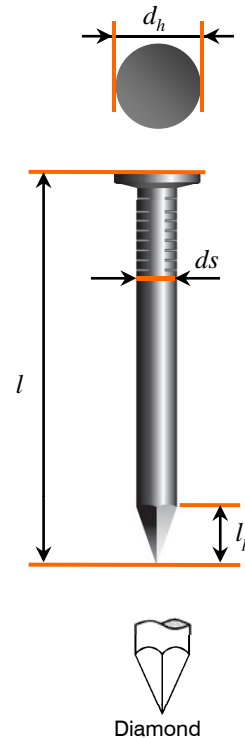
Eurocode 5 only details minimum protection, it does not consider local environmental conditions, we recommend that you refer to ISO12944 part 2 to determine the appropriate corrosion protection. See appendix for details.

NAIL PROPERTIES / DIMENSIONS

- Tensile strength of wire: min 700 N/mm²
- Shank diameter (d_s)*: 2.8mm
- Head diameter (d_h)*: 6.7mm
- Standard nail lengths* (l):-

l (mm)	50	55	60	65	70	75	80	85	90
- Point length l_p : 3.9mm
- Standard point: diamond

- Tolerances according to EN14592 for nail length, nail diameter and head diameter
- See tool manuals for min and max nail lengths



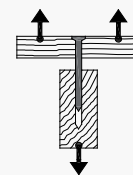
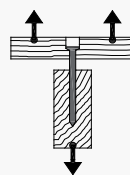
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CHARACTERISTIC PARAMETERS FOR CALCULATION TO EUROCODE 5

Head pull-through $f_{head,k}$ [N/mm ²]	Withdrawal $f_{ax,k}$ [N/mm ²]	Yield moment $M_{y,k}$ [Nmm]
8.58	2.45	3054



Minimum embedment in base member: 23mm (lateral load)
Smooth shank nails not suitable for permanent axial loading

See Datasheet Appendix for guidance on spacing etc.. and Eurocode 5 for complete rules on timber member dimensions etc..

- To obtain characteristic head pull-through capacity multiply factor by d_h^2
- For withdrawal capacity multiply factor by base material embedment and fastener nominal diameter
- Values based on characteristic wood density of 350kg/m³



Nail type: **2.8mm diameter smooth shank**
 Finish: **Electro-galvanised 5µm**
 Collation: **16° wire weld**

Pitch collation: 8mm

Suitable for these tools:- Haubold RNC65 S/WII, RNC75 S/W, RNC90 WII, RNC90 B-S/W, RNC70, RNC83

Paslode CNW70.1, CNW90, Toolmatic CW550

Nail lengths*: 36 to 90mm

Nails per standard coil: 250

(600 / 800 / 900 nail coils also available)

For fixing timber, OSB or plywood to timber



CORROSION PROTECTION

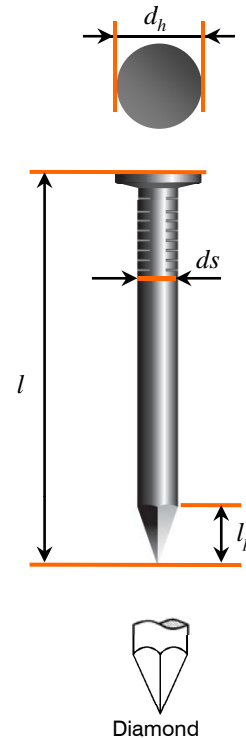
Label colour on packaging	Eurocode 5 service class	Finish
	Service Class 1 Indoor use 	Electro-galvanised $\geq 5\mu\text{m}$

Eurocode 5 only details minimum protection, it does not consider local environmental conditions, we recommend that you refer to ISO12944 part 2 to determine the appropriate corrosion protection. See appendix for details.

NAIL PROPERTIES / DIMENSIONS

- Tensile strength of wire: min 700 N/mm²
- Shank diameter (d_s)*: 2.8mm
- Head diameter (d_h)*: 6.7mm
- Standard nail lengths* (l):-
 l (mm) 50 55 60 65 70 75 80 85 90
- Point length l_p : 3.9mm
- Standard point: diamond

- Tolerances according to EN14592 for nail length, nail diameter and head diameter
- See tool manuals for min and max nail lengths



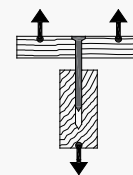
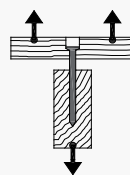
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CHARACTERISTIC PARAMETERS FOR CALCULATION TO EUROCODE 5

Head pull-through $f_{head,k}$ [N/mm ²]	Withdrawal $f_{ax,k}$ [N/mm ²]	Yield moment $M_{y,k}$ [Nmm]
8.58	2.45	3054



Minimum embedment in base member: 23mm (lateral load)
 Smooth shank nails not suitable for permanent axial loading

See Datasheet Appendix for guidance on spacing etc.. and Eurocode 5 for complete rules on timber member dimensions etc..

- To obtain characteristic head pull-through capacity multiply factor by d_h^2
- For withdrawal capacity multiply factor by base material embedment and fastener nominal diameter
- Values based on characteristic wood density of 350kg/m³



Nail type: **3.1mm diameter smooth shank**
 Finish: **Bright**
 Collation: **16° wire weld**

Pitch collation: 8mm

Suitable for these tools:-

Haubold RNC75 S/W, RNC90 WII,
 RNC90 B-S/W, CN83E

Paslode CNW70.1, CNW90

Nail lengths*: 40 to 90mm



Nails per standard coil: 225

(600 / 800 / 900 nail coils also available)

For fixing timber, OSB or plywood to timber



CORROSION PROTECTION

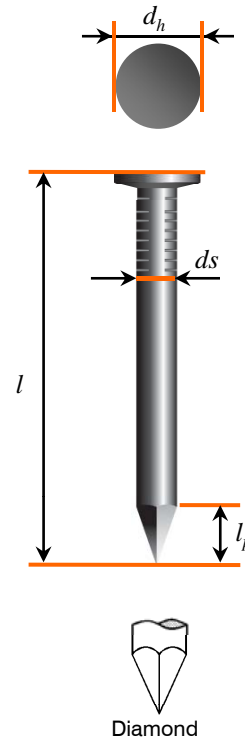
Label colour on packaging	Eurocode 5 service class	Finish
	Service Class 1 Indoor use 	Bright (no protection)

Eurocode 5 only details minimum protection, it does not consider local environmental conditions, we recommend that you refer to ISO12944 part 2 to determine the appropriate corrosion protection. See appendix for details.

NAIL PROPERTIES / DIMENSIONS

- Tensile strength of wire: min 700 N/mm²
- Shank diameter (d_s)*: 3.1mm
- Head diameter (d_h)*: 7.1mm
- Standard nail lengths* (l):-
 l (mm) 50 55 60 65 70 75 80 85 90
- Point length l_p : 3.5mm
- Standard point: diamond

- Tolerances according to EN14592 for nail length, nail diameter and head diameter
- See tool manuals for min and max nail lengths



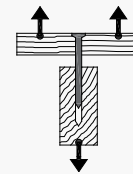
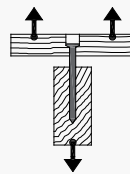
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CHARACTERISTIC PARAMETERS FOR CALCULATION TO EUROCODE 5

Head pull-through $f_{head,k}$ [N/mm ²]	Withdrawal $f_{ax,k}$ [N/mm ²]	Yield moment $M_{y,k}$ [Nmm]
8.58	2.45	3979



Minimum embedment in base member: 25mm (lateral load)
 Smooth shank nails not suitable for permanent axial loading

See Datasheet Appendix for guidance on spacing etc.. and Eurocode 5 for complete rules on timber member dimensions etc..

- To obtain characteristic head pull-through capacity multiply factor by d_h^2
- For withdrawal capacity multiply factor by base material embedment and fastener nominal diameter
- Values based on characteristic wood density of 350kg/m³



Nail type: **3.1mm diameter smooth shank**
 Finish: **Electro-galvanised 5µm**
 Collation: **16° wire weld**

Pitch collation: 8mm

Suitable for these tools:-

Haubold RNC75 S/W, RNC90 WII,
 RNC90 B-S/W, RNC83

Paslode CNW70.1, CNW90

Nail lengths*: 40 to 90mm

Nails per standard coil: 225

(600 / 800 / 900 nail coils also available)

For fixing timber, OSB or plywood to timber



CORROSION PROTECTION

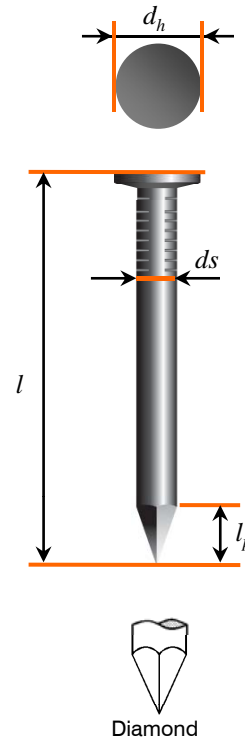
Label colour on packaging	Eurocode 5 service class	Finish
	Service Class 1 Indoor use 	Electro-galvanised $\geq 5\mu\text{m}$

Eurocode 5 only details minimum protection, it does not consider local environmental conditions, we recommend that you refer to ISO12944 part 2 to determine the appropriate corrosion protection. See appendix for details.

NAIL PROPERTIES / DIMENSIONS

- Tensile strength of wire: min 700 N/mm²
- Shank diameter (d_s)*: 3.1mm
- Head diameter (d_h)*: 7.1mm
- Standard nail lengths* (l):-
 l (mm) 50 55 60 65 70 75 80 85 90
- Point length l_p : 3.4mm
- Standard point: diamond

- Tolerances according to EN14592 for nail length, nail diameter and head diameter
- See tool manuals for min and max nail lengths



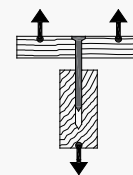
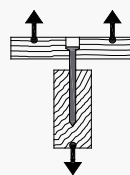
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CHARACTERISTIC PARAMETERS FOR CALCULATION TO EUROCODE 5

Head pull-through $f_{head,k}$ [N/mm ²]	Withdrawal $f_{ax,k}$ [N/mm ²]	Yield moment $M_{y,k}$ [Nmm]
8.58	2.45	3979



Minimum embedment in base member: 25mm (lateral load)
 Smooth shank nails not suitable for permanent axial loading

See Datasheet Appendix for guidance on spacing etc.. and Eurocode 5 for complete rules on timber member dimensions etc..

- To obtain characteristic head pull-through capacity multiply factor by d_h^2
- For withdrawal capacity multiply factor by base material embedment and fastener nominal diameter
- Values based on characteristic wood density of 350kg/m³



Nail type: **3.4mm** diameter **smooth** shank

Finish: **Bright**

Collation: **16° wire weld**

Pitch collation: 8mm

Suitable for these tools:-

Haubold RNC90 WII, RNC90 B-S/W

Paslode CNW90

Nail lengths*: 90mm

Nails per standard coil: 200

For fixing timber, OSB or plywood to timber



CORROSION PROTECTION

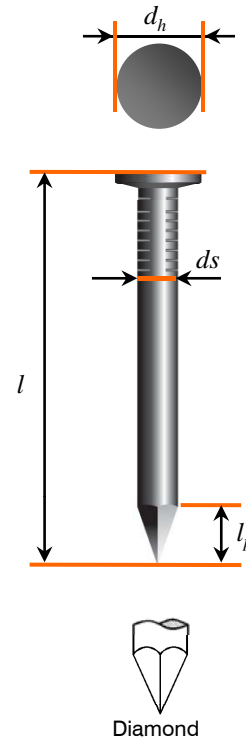
Label colour on packaging	Eurocode 5 service class	Finish
	Service Class 1 Indoor use	Bright (no protection)

Eurocode 5 only details minimum protection, it does not consider local environmental conditions, we recommend that you refer to ISO12944 part 2 to determine the appropriate corrosion protection. See appendix for details.

NAIL PROPERTIES / DIMENSIONS

- Tensile strength of wire: min 700 N/mm²
- Shank diameter (d_s)*: 3.4mm
- Head diameter (d_h)*: 7.1mm
- Standard nail lengths* (l):-
 l (mm) 90
- Point length l_p : 3.8mm
- Standard point: diamond

- Tolerances according to EN14592 for nail length, nail diameter and head diameter
- See tool manuals for min and max nail lengths



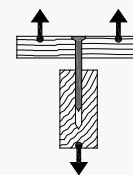
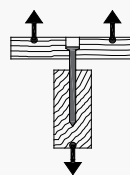
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CHARACTERISTIC PARAMETERS FOR CALCULATION TO EUROCODE 5

Head pull-through $f_{head,k}$ [N/mm ²]	Withdrawal $f_{ax,k}$ [N/mm ²]	Yield moment $M_{y,k}$ [Nmm]
8.58	2.45	5059



Minimum embedment in base member: 28mm (lateral load)
Smooth shank nails not suitable for permanent axial loading

See Datasheet Appendix for guidance on spacing etc.. and Eurocode 5 for complete rules on timber member dimensions etc..

- To obtain characteristic head pull-through capacity multiply factor by d_h^2
- For withdrawal capacity multiply factor by base material embedment and fastener nominal diameter
- Values based on characteristic wood density of 350kg/m³



Nail type: **2.3mm diameter screw shank**
 Finish: **Bright**
 Collation: **16° wire weld**

Pitch collation: 8mm

Suitable for these tools:-

Haubold RNC 50 S/W , RNC65 S/WII, RNC70

Paslode CNW65.1, CNW70.1

Toolmatic CW550

Nail lengths*: 40 to 60mm

Nails per standard coil: 300

(720 / 800 / 900 / 2500 nail coils also available)

For fixing timber, OSB or plywood to timber



CORROSION PROTECTION

Label colour on packaging	Eurocode 5 service class	Finish
	Service Class 1 Indoor use	Bright (no protection)

Eurocode 5 only details minimum protection, it does not consider local environmental conditions, we recommend that you refer to ISO12944 part 2 to determine the appropriate corrosion protection. See appendix for details.

NAIL PROPERTIES / DIMENSIONS

- Tensile strength of wire: min 700 N/mm²
- Shank diameter (d_s)*: 2.3mm
- Profile diameter (d_p): 2.5mm
- Head diameter (d_h)*: 5.7mm
- Standard nail lengths* (l) / Profiled length* (l_g):-
 l (mm) 40 45 50 55 60
 l_g (mm) 17 22 27 32 37
- Diamond point length l_p : 3.2mm
- Standard point: diamond
- 120° chisel and divergent points to special order

- Tolerances according to EN14592 for nail length, nail diameter and head diameter
- See tool manuals for min and max nail lengths

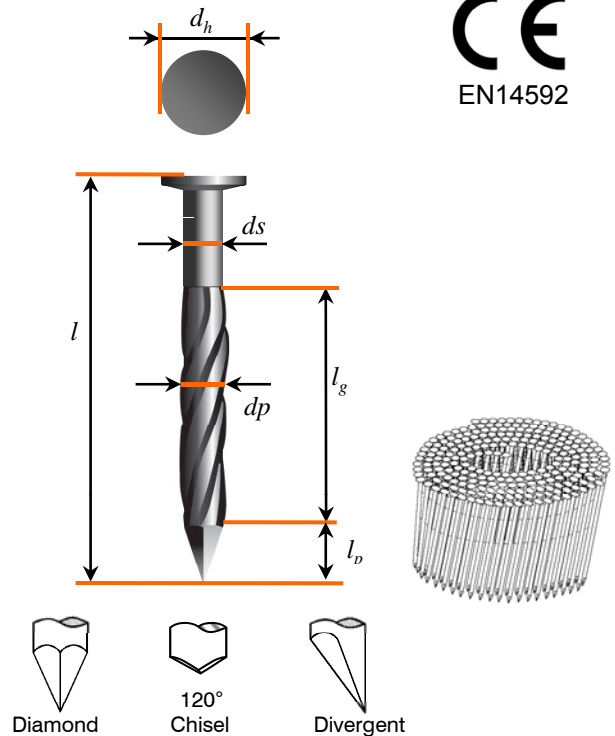
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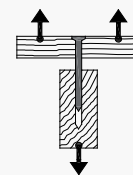
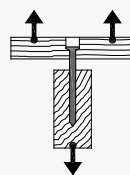
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CHARACTERISTIC PARAMETERS FOR CALCULATION TO EUROCODE 5

Head pull-through $f_{head,k}$ [N/mm ²]	Withdrawal $f_{ax,k}$ [N/mm ²]	Yield moment $M_{y,k}$ [Nmm]
20.91	7.40	1708



Minimum embedment in base member: 14mm (lateral load)
 Minimum embedment in base member: 19mm (axial load)

See Datasheet Appendix for guidance on spacing etc.. and Eurocode 5 for complete rules on timber member dimensions etc..

- To obtain characteristic head pull-through capacity multiply factor by d_h^2
- For withdrawal capacity multiply factor by base material embedment (excluding tip length) and fastener nominal diameter
- Values based on characteristic wood density of 350kg/m³



Nail type: **2.5mm diameter screw shank**
 Finish: **Bright**
 Collation: **16° wire weld**

Pitch collation: 8mm

Suitable for these tools:-

Haubold RNC 50 S/W , RNC65 S/WII, RNC70

Paslode CNW65.1, CNW70.1

Toolmatic CW550

Nail lengths*: 35 to 75mm

Nails per standard coil: 300

(720 / 800 / 900 / 2500 nail coils also available)

For fixing timber, OSB or plywood to timber



CORROSION PROTECTION

Label colour on packaging	Eurocode 5 service class	Finish
	Service Class 1 Indoor use	Bright (no protection)

Eurocode 5 only details minimum protection, it does not consider local environmental conditions, we recommend that you refer to ISO12944 part 2 to determine the appropriate corrosion protection. See appendix for details.

NAIL PROPERTIES / DIMENSIONS

- Tensile strength of wire: min 700 N/mm²
- Shank diameter (d_s)*: 2.5mm
- Profile diameter (d_p): 2.7mm
- Head diameter (d_h)*: 5.7mm
- Standard nail lengths* (l) / Profiled length* (l_g):-

l (mm)	40	45	50	55	60	65	75
l_g (mm)	16	21	26	31	36	41	46
- Diamond point length l_p : 3.5mm
- Standard point: diamond
- 120° chisel and divergent points to special order

- Tolerances according to EN14592 for nail length, nail diameter and head diameter
- See tool manuals for min and max nail lengths

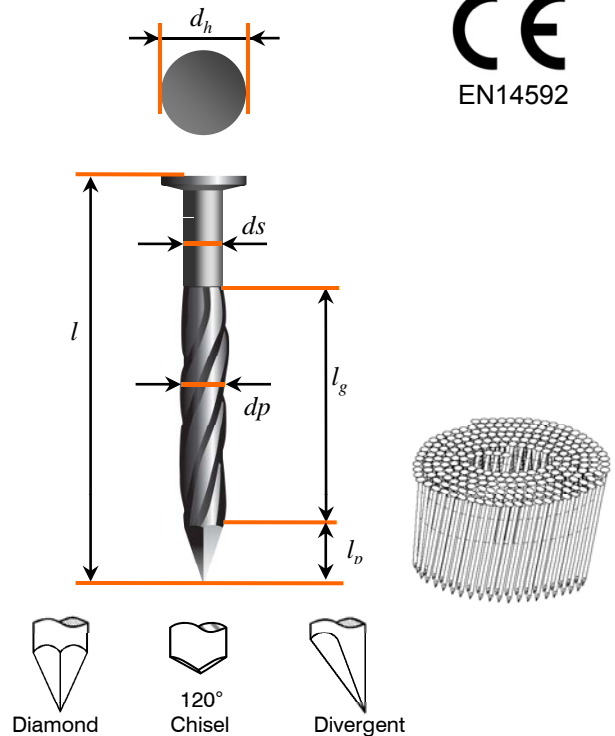
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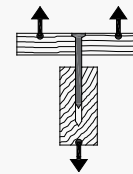
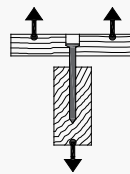
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CHARACTERISTIC PARAMETERS FOR CALCULATION TO EUROCODE 5

Head pull-through $f_{head,k}$ [N/mm ²]	Withdrawal $f_{ax,k}$ [N/mm ²]	Yield moment $M_{y,k}$ [Nmm]
20.91	6.23	2440



Minimum embedment in base member: 15mm (lateral load)
 Minimum embedment in base member: 20mm (axial load)

See Datasheet Appendix for guidance on spacing etc.. and Eurocode 5 for complete rules on timber member dimensions etc..

- To obtain characteristic head pull-through capacity multiply factor by d_h^2
- For withdrawal capacity multiply factor by base material embedment (excluding tip length) and fastener nominal diameter
- Values based on characteristic wood density of 350kg/m³



Nail type: **2.8mm** diameter **screw** shank
Finish: **Bright**
Collation: **16° wire weld**

Pitch collation: 8mm

Suitable for these tools:-

Haubold RNC 50 S/W , RNC65 S/WII, RNC70

Paslode CNW65.1, CNW70.1

Toolmatic CW550

Nail lengths*: 35 to 75mm

Nails per standard coil: 300

(720 / 800 / 900 / 2500 nail coils also available)

For fixing timber, OSB or plywood to timber



CORROSION PROTECTION

Label colour on packaging	Eurocode 5 service class	Finish
	Service Class 1 Indoor use	Bright (no protection)

Eurocode 5 only details minimum protection, it does not consider local environmental conditions, we recommend that you refer to ISO12944 part 2 to determine the appropriate corrosion protection. See appendix for details.

NAIL PROPERTIES / DIMENSIONS

- Tensile strength of wire: min 700 N/mm²
- Shank diameter (d_s)*: 2.8mm
- Profile diameter (d_p): 3.0mm
- Head diameter (d_h)*: 5.7mm
- Standard nail lengths* (l) / Profiled length* (l_g);-

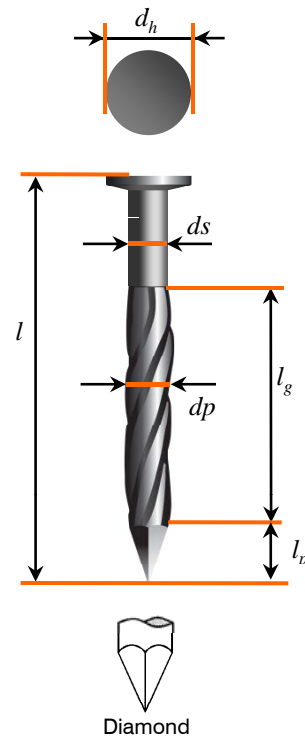
l (mm)	45	50	55	60	65	75	80	90
l_g (mm)	21	26	31	36	41	51	56	66
- Diamond point length l_p : 3.9mm
- Standard point: diamond

- Tolerances according to EN14592 for nail length, nail diameter and head diameter
- See tool manuals for min and max nail lengths

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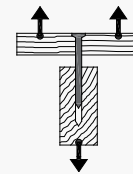
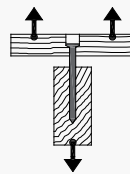
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CHARACTERISTIC PARAMETERS FOR CALCULATION TO EUROCODE 5

Head pull-through $f_{head,k}$ [N/mm ²]	Withdrawal $f_{ax,k}$ [N/mm ²]	Yield moment $M_{y,k}$ [Nmm]
21.64	7.66	3379



Minimum embedment in base member: 17mm (lateral load)
Minimum embedment in base member: 23mm (axial load)

See Datasheet Appendix for guidance on spacing etc.. and Eurocode 5 for complete rules on timber member dimensions etc..

- To obtain characteristic head pull-through capacity multiply factor by d_h^2
- For withdrawal capacity multiply factor by base material embedment (excluding tip length) and fastener nominal diameter
- Values based on characteristic wood density of 350kg/m³

Nail type: **3.1mm diameter screw shank**

Finish: **Bright**

Collation: **16° wire weld**



Pitch collation: 8mm

Suitable for these tools:-

Haubold RNC75 S/W, RNC90 WII,
RNC90 B-S/W, RNC83

Paslode CNW70.1, CNW90

Nail lengths*: 40 to 90mm

Nails per standard coil: 225

(600 / 800 / 900 nail coils also available)

For fixing timber, OSB or plywood to timber



CORROSION PROTECTION

Label colour on packaging	Eurocode 5 service class	Finish
	Service Class 1 Indoor use	Bright (no protection)

Eurocode 5 only details minimum protection, it does not consider local environmental conditions, we recommend that you refer to ISO12944 part 2 to determine the appropriate corrosion protection. See appendix for details.

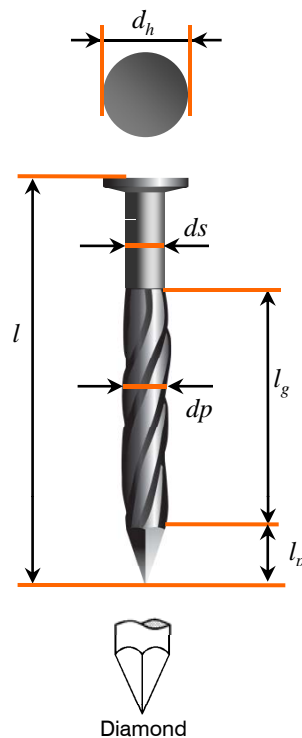
NAIL PROPERTIES / DIMENSIONS

- Tensile strength of wire: min 700 N/mm²
- Shank diameter (d_s)*: 3.1mm
- Profile diameter (d_p): 3.3mm
- Head diameter (d_h)*: 7.1mm
- Standard nail lengths* (l) / Profiled length* (l_g);-

l (mm)	50	55	60	65	70	75	80	85	90
l_g (mm)	26	31	36	41	46	51	56	61	66
- Diamond point length l_p : 3.4mm
- Standard point: diamond

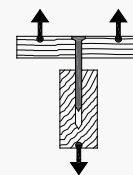
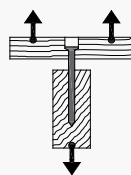
- Tolerances according to EN14592 for nail length, nail diameter and head diameter
- See tool manuals for min and max nail lengths

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EN14592



CHARACTERISTIC PARAMETERS FOR CALCULATION TO EUROCODE 5

Head pull-through $f_{head,k}$ [N/mm ²]	Withdrawal $f_{ax,k}$ [N/mm ²]	Yield moment $M_{y,k}$ [Nmm]
15.37	7.11	4616



Minimum embedment in base member: 19mm (lateral load)
Minimum embedment in base member: 25mm (axial load)

See Datasheet Appendix for guidance on spacing etc.. and Eurocode 5 for complete rules on timber member dimensions etc..

- To obtain characteristic head pull-through capacity multiply factor by d_h^2
- For withdrawal capacity multiply factor by base material embedment (excluding tip length) and fastener nominal diameter
- Values based on characteristic wood density of 350kg/m³

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Nail type: **2.1mm diameter ring shank**
 Finish: **Bright**
 Collation : **16° wire weld**

Suitable for these tools:-

6mm pitch collation; **Haubold RNC 50M,**
Paslode CNW50.1
 6.8mm pitch collation; **Haubold RNC57,**
Paslode CNW65.1 **Toolmatic CW550**

Nail lengths*: 25 to 65mm

Nails per standard coil: 350

(1000 / 1200 nail large coils also available)

For fixing timber, OSB or plywood to timber



CORROSION PROTECTION

Label colour on packaging	Eurocode 5 service class	Finish
	Service Class 1 Indoor use	Bright (no protection)

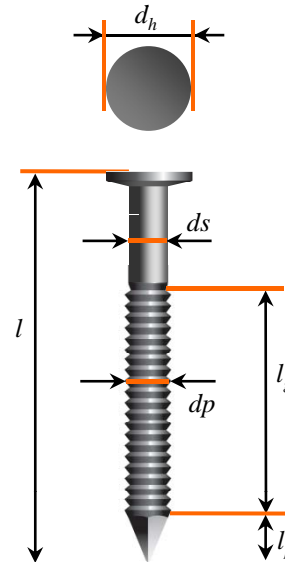
Eurocode 5 only details minimum protection, it does not consider local environmental conditions, we recommend that you refer to ISO12944 part 2 to determine the appropriate corrosion protection. See appendix for details.

NAIL PROPERTIES / DIMENSIONS

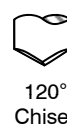
- Tensile strength of wire: min 700 N/mm²
- Shank diameter (d_s)*: 2.1mm
- Profile diameter (d_p): 2.3mm
- Head diameter (d_h)*: 4.6mm (6mm pitch collation)
5.0mm (6.8mm pitch collation)
Other head diameters can be supplied to order
- Standard nail lengths* (l) / Profiled length* (l_g):-

l (mm)	27	30	32	35	40	45	50	55	60	65
l_g (mm)	17	20	22	25	30	35	40	45	50	55
- Diamond point length l_p : 3mm
- Standard point: diamond
- 120° chisel and divergent points to special order

- Tolerances according to EN14592 for nail length, nail diameter and head diameter
- See tool manuals for min and max nail lengths



Diamond



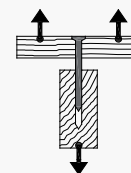
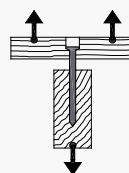
120°
Chisel



Divergent

CHARACTERISTIC PARAMETERS FOR CALCULATION TO EUROCODE 5

Head pull-through $f_{head,k}$ [N/mm ²]	Withdrawal $f_{ax,k}$ [N/mm ²]	Yield moment $M_{y,k}$ [Nmm]
19.49	6.90	1118



Minimum embedment in base member: 13mm (lateral load)
 Minimum embedment in base member: 17mm (axial load)

See Datasheet Appendix for guidance on spacing etc.. and Eurocode 5 for complete rules on timber member dimensions etc..

- To obtain characteristic head pull-through capacity multiply factor by d_h^2
- For withdrawal capacity multiply factor by base material embedment (excluding tip length) and fastener nominal diameter
- Values based on characteristic wood density of 350kg/m³



Nail type: **2.1mm diameter ring shank**
 Finish: **Electro-galvanised 5µm**
 Collation : **16° wire weld**

Suitable for these tools:-

6mm pitch collation; **Haubold RNC 50M**
Paslode CNW50.1
 6.8mm pitch collation; **Haubold RNC57,**
Paslode CNW65 **Toolmatic CW550**

Nail lengths*: 25 to 65mm

Nails per standard coil: 350

(1000 / 1200 nail large coils also available)

For fixing timber, OSB or plywood to timber



CORROSION PROTECTION

Label colour on packaging	Eurocode 5 service class	Finish
	Service Class 1 Indoor use	Electro-galvanised $\geq 5\mu\text{m}$

Eurocode 5 only details minimum protection, it does not consider local environmental conditions, we recommend that you refer to ISO12944 part 2 to determine the appropriate corrosion protection. See appendix for details.

NAIL PROPERTIES / DIMENSIONS

- Tensile strength of wire: min 700 N/mm²
- Shank diameter (d_s)*: 2.1mm
- Profile diameter (d_p): 2.3mm
- Head diameter (d_h)*: 4.6mm (6mm pitch collation)
5.0mm (6.8mm pitch collation)

Other head diameters can be supplied to order

- Standard nail lengths* (l) / Profiled length* (l_g):-

l (mm)	27	30	32	35	40	45	50	55	60	65
l_g (mm)	17	20	22	25	30	35	40	45	50	55
- Diamond point length l_p : 3mm
- Standard point: diamond
- 120° chisel and divergent points to special order

- Tolerances according to EN14592 for nail length, nail diameter and head diameter
- See tool manuals for min and max nail lengths

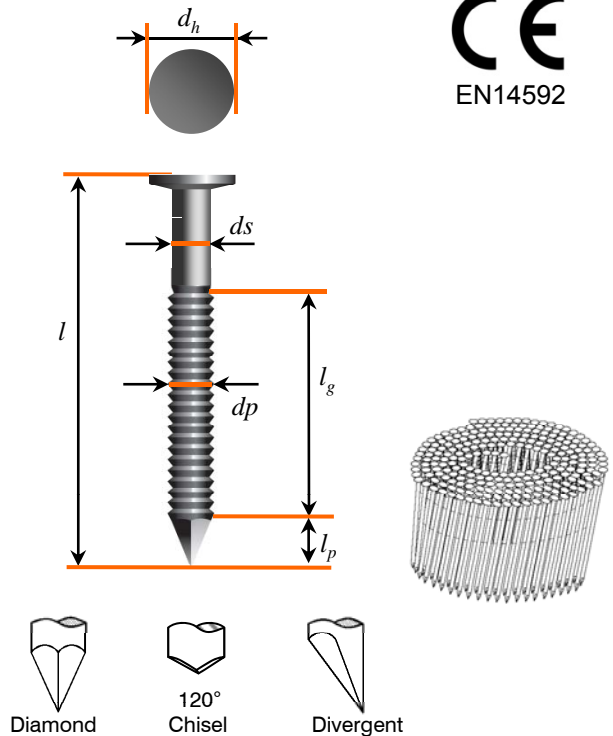
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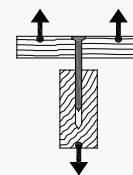
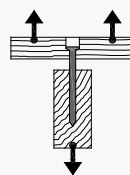
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CHARACTERISTIC PARAMETERS FOR CALCULATION TO EUROCODE 5

Head pull-through $f_{head,k}$ [N/mm ²]	Withdrawal $f_{ax,k}$ [N/mm ²]	Yield moment $M_{y,k}$ [Nmm]
19.49	6.71	1118



Minimum embedment in base member: 13mm (lateral load)
 Minimum embedment in base member: 17mm (axial load)

See Datasheet Appendix for guidance on spacing etc.. and Eurocode 5 for complete rules on timber member dimensions etc..

- To obtain characteristic head pull-through capacity multiply factor by d_h^2
- For withdrawal capacity multiply factor by base material embedment (excluding tip length) and fastener nominal diameter
- Values based on characteristic wood density of 350kg/m³



Nail type: **2.1mm diameter ring shank**
 Finish: **Electro-galvanised 12µm**
 Collation : **16° wire weld**

Suitable for these tools:-

6mm pitch collation; **Haubold RNC 50M**
Paslode CNW50.1
 6.8mm pitch collation; **Haubold RNC57,**
Paslode CNW65.1 **Toolmatic CW550**

Nail lengths*: 25 to 65mm


Nails per standard coil: 350

(1000 / 1200 nail large coils also available)

For fixing timber, OSB or plywood to timber



CORROSION PROTECTION

Label colour on packaging	Eurocode 5 service class	Finish
	Service Class 2 Protected Outdoor	Electro-galvanised ≥ 12µm

Eurocode 5 only details minimum protection, it does not consider local environmental conditions, we recommend that you refer to ISO12944 part 2 to determine the appropriate corrosion protection. See appendix for details.

NAIL PROPERTIES / DIMENSIONS

- Tensile strength of wire: min 700 N/mm²
- Shank diameter (d_s)*: 2.1mm
- Profile diameter (d_p): 2.3mm
- Head diameter (d_h)*: 4.6mm (6mm pitch collation)
5.0mm (6.8mm pitch collation)
Other head diameters can be supplied to order
- Standard nail lengths* (l) / Profiled length* (l_g):-

l (mm)	27	30	32	35	40	45	50	55	60	65
l_g (mm)	17	20	22	25	30	35	40	45	50	55
- Diamond point length l_p : 3mm
- Standard point: diamond
- 120° chisel and divergent points to special order

- Tolerances according to EN14592 for nail length, nail diameter and head diameter
- See tool manuals for min and max nail lengths

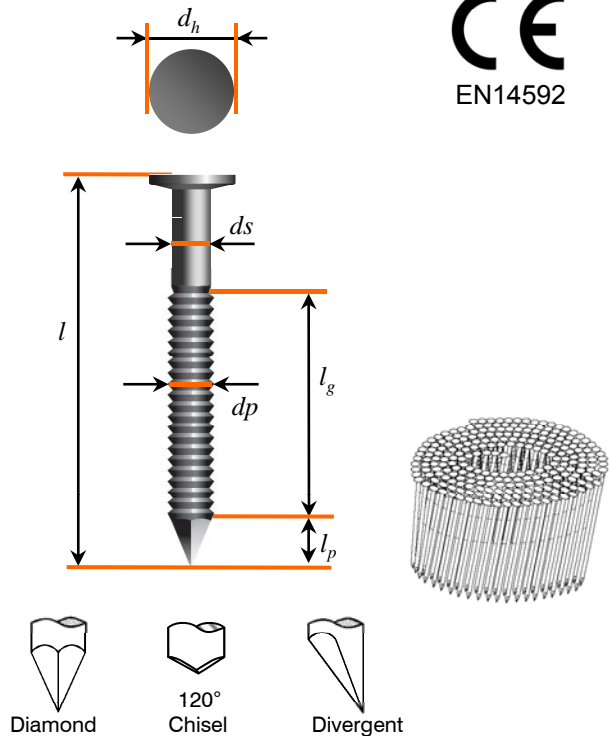
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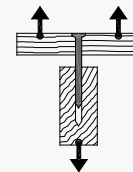
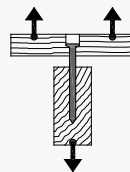
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CHARACTERISTIC PARAMETERS FOR CALCULATION TO EUROCODE 5

Head pull-through $f_{head,k}$ [N/mm ²]	Withdrawal $f_{ax,k}$ [N/mm ²]	Yield moment $M_{y,k}$ [Nmm]
19.49	6.71	1118



Minimum embedment in base member: 13mm (lateral load)
 Minimum embedment in base member: 17mm (axial load)

See Datasheet Appendix for guidance on spacing etc.. and Eurocode 5 for complete rules on timber member dimensions etc..

- To obtain characteristic head pull-through capacity multiply factor by d_h^2
- For withdrawal capacity multiply factor by base material embedment (excluding tip length) and fastener nominal diameter
- Values based on characteristic wood density of 350kg/m³

Nail type: 2.1mm diameter ring shank
Finish: Hot Dip Galvanised
Collation : 16° wire weld



Suitable for these tools:-

6mm pitch collation; Haubold RNC 50M
Paslode CNW50.1

Nail lengths*: 25 to 65mm
Nails per standard coil: 350
(1000 / 1200 nail large coils also available)

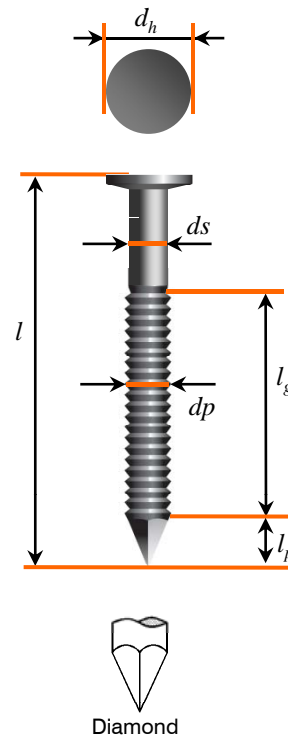
For fixing timber, OSB or plywood to timber



CORROSION PROTECTION

Label colour on packaging	Eurocode 5 service class	Finish
	Service Class 3 Outdoor	Hot dip galvanised ≥ 55µm

Eurocode 5 only details minimum protection, it does not consider local environmental conditions, we recommend that you refer to ISO12944 part 2 to determine the appropriate corrosion protection. See appendix for details.



NAIL PROPERTIES / DIMENSIONS

- Tensile strength of wire: min 700 N/mm²
- Shank diameter (d_s)*: 2.1mm
- Profile diameter (d_p): 2.3mm
- Head diameter (d_h)*: 4.6mm)
- Standard nail lengths* (l) / Profiled length* (l_g):-

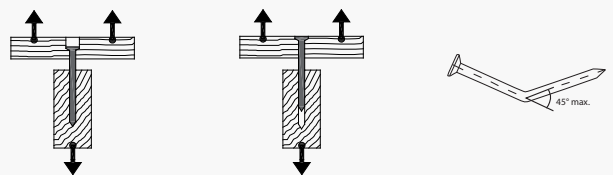
l (mm)	45	50
l_g (mm)	35	40
- Point length l_p : 3mm
- Standard point: diamond

- Tolerances according to EN14592 for nail length, nail diameter and head diameter
- See tool manuals for min and max nail lengths

CHARACTERISTIC PARAMETERS FOR CALCULATION TO EUROCODE 5

Head pull-through $f_{head,k}$ [N/mm ²]	Withdrawal $f_{ax,k}$ [N/mm ²]	Yield moment $M_{y,k}$ [Nmm]
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Please contact us for latest performance data



Minimum embedment in base member: 13mm (lateral load)
Minimum embedment in base member: 17mm (axial load)

See Datasheet Appendix for guidance on spacing etc.. and Eurocode 5 for complete rules on timber member dimensions etc..

- To obtain characteristic head pull-through capacity multiply factor by d_h^2
- For withdrawal capacity multiply factor by base material embedment (excluding tip length) and fastener nominal diameter
- Values based on characteristic wood density of 350kg/m³



Nail type: **2.1mm diameter ring shank**
 Finish: **Stainless Steel A2 - 304**
 Collation : **16° wire weld**

Suitable for these tools:-

6mm pitch collation; **Haubold RNC 50M**
Paslode CNW50.1
 6.8mm pitch collation; **Haubold RNC57,**
Paslode CNW65.1 **Toolmatic CW550**

Nail lengths*: 25 to 65mm


Nails per standard coil: 350

(1000 / 1200 nail large coils also available)

For fixing timber, OSB or plywood to timber



CORROSION PROTECTION

Label colour on packaging	Eurocode 5 service class	Finish
	Service Class 3 Outdoor	Stainless Steel A2 AISI-304

Eurocode 5 only details minimum protection, it does not consider local environmental conditions, we recommend that you refer to ISO12944 part 2 to determine the appropriate corrosion protection. See appendix for details.

NAIL PROPERTIES / DIMENSIONS

- Tensile strength of wire: min 700 N/mm²
- Shank diameter (d_s)*: 2.1mm
- Profile diameter (d_p): 2.3mm
- Head diameter (d_h)*: 4.6mm (6mm pitch collation)
5.0mm (6.8mm pitch collation)
Other head diameters can be supplied to order
- Standard nail lengths* (l) / Profiled length* (l_g);-

l (mm)	27	30	35	40	45	50	55	60	65
l_g (mm)	17	20	25	30	35	40	45	50	55
- Diamond point length l_p : 3mm
- Standard point: diamond
- 120° chisel and divergent points to special order

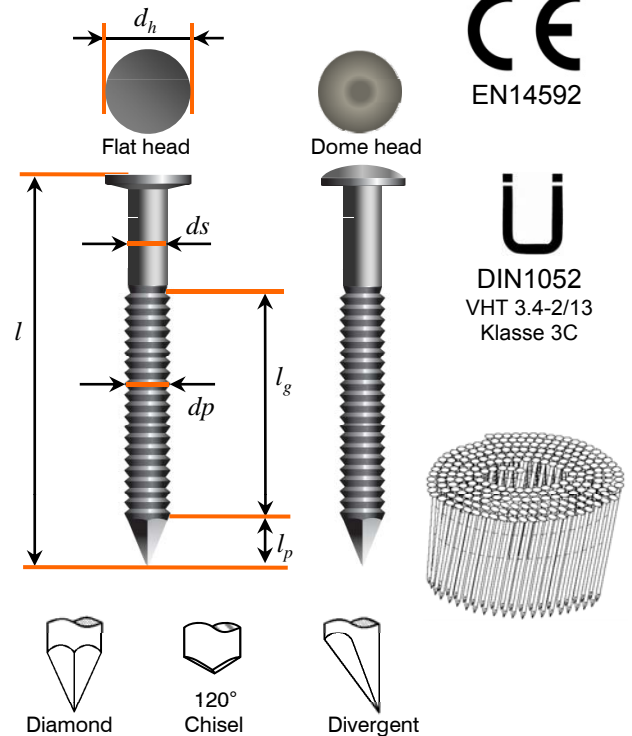
- Tolerances according to EN14592 for nail length, nail diameter and head diameter
- See tool manuals for min and max nail lengths

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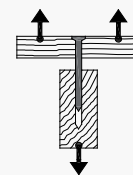
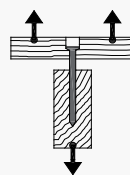
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CHARACTERISTIC PARAMETERS FOR CALCULATION TO EUROCODE 5

Head pull-through $f_{head,k}$ [N/mm ²]	Withdrawal $f_{ax,k}$ [N/mm ²]	Yield moment $M_{y,k}$ [Nmm]
19.49	8.26	1234



Minimum embedment in base member: 13mm (lateral load)
 Minimum embedment in base member: 17mm (axial load)

See Datasheet Appendix for guidance on spacing etc.. and Eurocode 5 for complete rules on timber member dimensions etc..

- To obtain characteristic head pull-through capacity multiply factor by d_h^2
- For withdrawal capacity multiply factor by base material embedment (excluding tip length) and fastener nominal diameter
- Values based on characteristic wood density of 350kg/m³



Nail type: **2.1mm diameter ring shank**
 Finish: **Stainless Steel A4 - 316**
 Collation : **16° wire weld**

Suitable for these tools:-


6mm pitch collation; **Haubold RNC 50M**
Paslode CNW50.1

Nail lengths*: 45mm
 Nails per standard coil: 350
 (1000 / 1200 nail large coils also available)

For fixing timber, OSB or plywood to timber



CORROSION PROTECTION

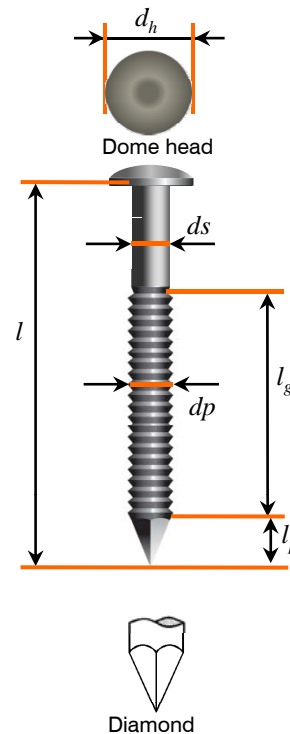
Label colour on packaging	Eurocode 5 service class	Finish
	Service Class 3 Outdoor	Stainless Steel A4 AISI-316

Eurocode 5 only details minimum protection, it does not consider local environmental conditions, we recommend that you refer to ISO12944 part 2 to determine the appropriate corrosion protection. See appendix for details.

NAIL PROPERTIES / DIMENSIONS

- Tensile strength of wire: min 700 N/mm²
- Shank diameter (d_s)*: 2.1mm
- Profile diameter (d_p): 2.3mm
- Head diameter (d_h)*: 4.6mm
- Standard nail lengths* (l) / Profiled length* (l_g);-
 l (mm) 45
 l_g (mm) 35
- Point length l_p : 3mm
- Standard point: diamond

- Tolerances according to EN14592 for nail length, nail diameter and head diameter
- See tool manuals for min and max nail lengths



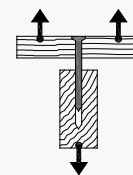
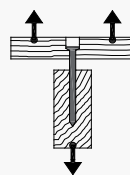
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 VHT 3.4-2/13
 Klasse 3C



CHARACTERISTIC PARAMETERS FOR CALCULATION TO EUROCODE 5

Head pull-through $f_{head,k}$ [N/mm ²]	Withdrawal $f_{ax,k}$ [N/mm ²]	Yield moment $M_{y,k}$ [Nmm]
19.49	8.26	1234



Minimum embedment in base member: 13mm (lateral load)
 Minimum embedment in base member: 17mm (axial load)

See Datasheet Appendix for guidance on spacing etc.. and Eurocode 5 for complete rules on timber member dimensions etc..

- To obtain characteristic head pull-through capacity multiply factor by d_h^2
- For withdrawal capacity multiply factor by base material embedment (excluding tip length) and fastener nominal diameter
- Values based on characteristic wood density of 350kg/m³

Nail type: 2.5mm diameter ring shank
Finish: Bright
Collation : 16° wire weld



Pitch collation: 8mm

Suitable for these tools:-

Haubold RNC 50 S/W , RNC65 S/WII, RNC70

Paslode CNW65.1, CNW70.1

Toolmatic CW550

Nail lengths*: 35 to 75mm

Nails per standard coil: 300

(720 / 800 / 900 / 2500 nail coils also available)

For fixing timber, OSB or plywood to timber



CORROSION PROTECTION

Label colour on packaging	Eurocode 5 service class	Finish
	Service Class 1 Indoor use	Bright (no protection)

Eurocode 5 only details minimum protection, it does not consider local environmental conditions, we recommend that you refer to ISO12944 part 2 to determine the appropriate corrosion protection. See appendix for details.

NAIL PROPERTIES / DIMENSIONS

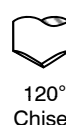
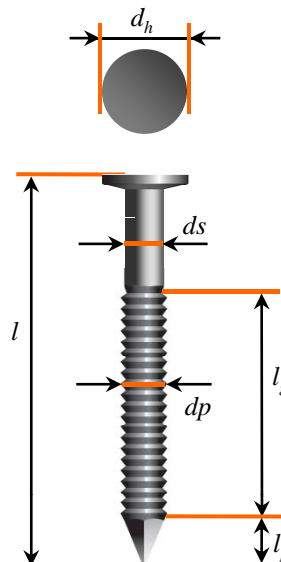
- Tensile strength of wire: min 700 N/mm²
- Shank diameter (d_s): 2.5mm
- Profile diameter (d_p): 2.7mm
- Head diameter (d_h): 6.1mm
- Standard nail lengths* (l) / Profiled length* (l_g):

l (mm)	35	40	45	50	55	60	65	70	75
l_g (mm)	24	29	34	39	44	49	54	59	64
- Diamond point length l_p : 3.5mm
- Standard point: diamond
- 120° chisel and divergent points to special order

- Tolerances according to EN14592 for nail length, nail diameter and head diameter
- See tool manuals for min and max nail lengths

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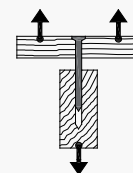
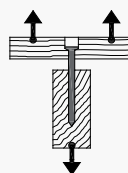
Diamond

120°
Chisel

Divergent

CHARACTERISTIC PARAMETERS FOR CALCULATION TO EUROCODE 5

Head pull-through $f_{head,k}$ [N/mm ²]	Withdrawal $f_{ax,k}$ [N/mm ²]	Yield moment $M_{y,k}$ [Nmm]
20.91	7.58	1870



Minimum embedment in base member: 15mm (lateral load)
Minimum embedment in base member: 20mm (axial load)

See Datasheet Appendix for guidance on spacing etc.. and Eurocode 5 for complete rules on timber member dimensions etc..

- To obtain characteristic head pull-through capacity multiply factor by d_h^2
- For withdrawal capacity multiply factor by base material embedment (excluding tip length) and fastener nominal diameter
- Values based on characteristic wood density of 350kg/m³



Nail type: 2.5mm diameter ring shank
Finish: Electro-galvanised 5µm
Collation : 16° wire weld

Pitch collation: 8mm

Suitable for these tools:-

Haubold RNC 50 S/W , RNC65 S/WII, RNC70

Paslode CNW65.1, CNW70.1

Toolmatic CW550

Nail lengths*: 35 to 75mm

Nails per standard coil: 300

(720 / 800 / 900 / 2500 nail coils also available)

For fixing timber, OSB or plywood to timber



CORROSION PROTECTION

Label colour on packaging	Eurocode 5 service class	Finish
	Service Class 1 Indoor use	Electro-galvanised $\geq 5\mu\text{m}$

Eurocode 5 only details minimum protection, it does not consider local environmental conditions, we recommend that you refer to ISO12944 part 2 to determine the appropriate corrosion protection. See appendix for details.

NAIL PROPERTIES / DIMENSIONS

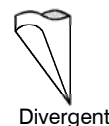
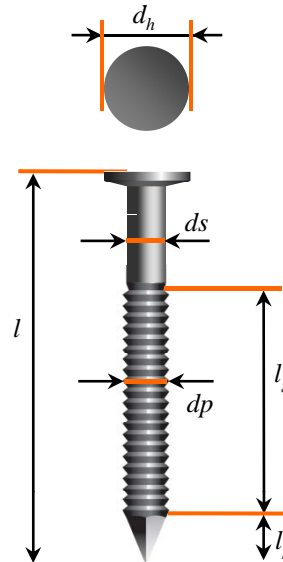
- Tensile strength of wire: min 700 N/mm²
- Shank diameter (d_s)*: 2.5mm
- Profile diameter (d_p): 2.7mm
- Head diameter (d_h)*: 6.1mm
- Standard nail lengths* (l) / Profiled length* (l_g):-

l (mm)	35	40	45	50	55	60	65	70	75
l_g (mm)	24	29	34	39	44	49	54	59	64
- Diamond point length l_p : 3.5mm
- Standard point: diamond
- 120° chisel and divergent points to special order

- Tolerances according to EN14592 for nail length, nail diameter and head diameter
- See tool manuals for min and max nail lengths

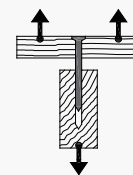
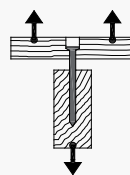
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VHT 3.4-2/06
Klasse 3C



CHARACTERISTIC PARAMETERS FOR CALCULATION TO EUROCODE 5

Head pull-through $f_{head,k}$ [N/mm ²]	Withdrawal $f_{ax,k}$ [N/mm ²]	Yield moment $M_{y,k}$ [Nmm]
20.91	7.20	1870



Minimum embedment in base member: 15mm (lateral load)
Minimum embedment in base member: 20mm (axial load)

See Datasheet Appendix for guidance on spacing etc.. and Eurocode 5 for complete rules on timber member dimensions etc..

- To obtain characteristic head pull-through capacity multiply factor by d_h^2
- For withdrawal capacity multiply factor by base material embedment (excluding tip length) and fastener nominal diameter
- Values based on characteristic wood density of 350kg/m³

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Nail type: 2.5mm diameter ring shank
Finish: Electro-galvanised 12µm
Collation : 16° wire weld



Pitch collation: 8mm

Suitable for these tools:-

Haubold RNC 50 S/W , RNC65 S/WII, RNC70

Paslode CNW65.1, CNW70.1

Toolmatic CW550

Nail lengths*: 35 to 75mm



Nails per standard coil: 300

(720 / 800 / 900 / 2500 nail coils also available)

For fixing timber, OSB or plywood to timber



CORROSION PROTECTION

Label colour on packaging	Eurocode 5 service class	Finish
	Service Class 2 Protected Outdoor 	Electro-galvanised ≥ 12µm

Eurocode 5 only details minimum protection, it does not consider local environmental conditions, we recommend that you refer to ISO12944 part 2 to determine the appropriate corrosion protection. See appendix for details.

NAIL PROPERTIES / DIMENSIONS

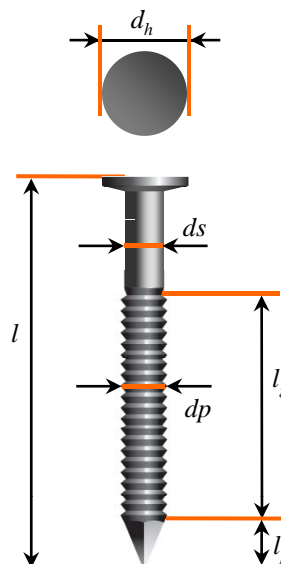
- Tensile strength of wire: min 700 N/mm²
- Shank diameter (d_s)*: 2.5mm
- Profile diameter (d_p): 2.7mm
- Head diameter (d_h)*: 6.1mm
- Standard nail lengths* (l) / Profiled length* (l_g):-

l (mm)	35	40	45	50	55	60	65	70	75
l_g (mm)	24	29	34	39	44	49	54	59	64
- Diamond point length l_p : 3.5mm
- Standard point: diamond
- 120° chisel and divergent points to special order

- Tolerances according to EN14592 for nail length, nail diameter and head diameter
- See tool manuals for min and max nail lengths

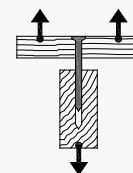
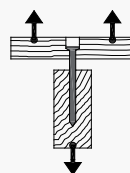
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VHT 3.4-2/06
Klasse 3C



CHARACTERISTIC PARAMETERS FOR CALCULATION TO EUROCODE 5

Head pull-through $f_{head,k}$ [N/mm ²]	Withdrawal $f_{ax,k}$ [N/mm ²]	Yield moment $M_{y,k}$ [Nmm]
20.91	7.20	1870



Minimum embedment in base member: 15mm (lateral load)
Minimum embedment in base member: 20mm (axial load)

See Datasheet Appendix for guidance on spacing etc.. and Eurocode 5 for complete rules on timber member dimensions etc..

- To obtain characteristic head pull-through capacity multiply factor by d_h^2
- For withdrawal capacity multiply factor by base material embedment (excluding tip length) and fastener nominal diameter
- Values based on characteristic wood density of 350kg/m³

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Nail type: 2.5mm diameter ring shank
Finish: Stainless Steel A2 - 304
Collation : 16° wire weld

Pitch collation: 8mm

Suitable for these tools:-

Haubold RNC 50 S/W , RNC65 S/WII, RNC70

Paslode CNW65.1, CNW70.1

Toolmatic CW550

Nail lengths*: 45 to 65mm


Nails per standard coil: 300

(720 / 800 / 900 / 2500 nail coils also available)

For fixing timber, OSB or plywood to timber



CORROSION PROTECTION

Label colour on packaging	Eurocode 5 service class	Finish
	Service Class 3 Outdoor	Stainless Steel A2 AISI-304

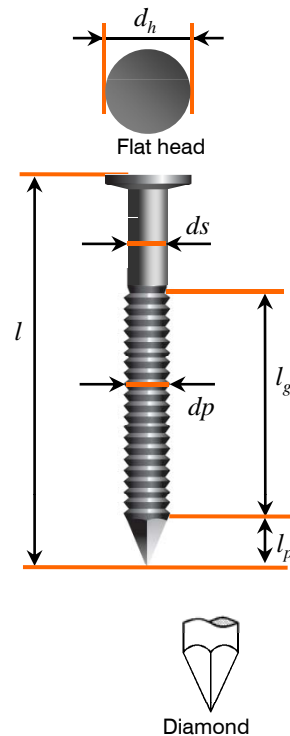
Eurocode 5 only details minimum protection, it does not consider local environmental conditions, we recommend that you refer to ISO12944 part 2 to determine the appropriate corrosion protection. See appendix for details.

NAIL PROPERTIES / DIMENSIONS

- Tensile strength of wire: min 700 N/mm²
- Shank diameter (d_s)*: 2.5mm
- Profile diameter (d_p): 2.7mm
- Head diameter (d_h)*: 6.1mm
- Standard nail lengths* (l) / Profiled length* (l_g);-

l (mm)	45	50	55	60	65
l_g (mm)	34	39	44	49	54
- Point length l_p : 3.5mm
- Standard point: diamond

- Tolerances according to EN14592 for nail length, nail diameter and head diameter
- See tool manuals for min and max nail lengths

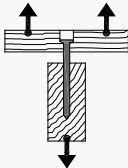
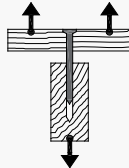



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CHARACTERISTIC PARAMETERS FOR CALCULATION TO EUROCODE 5

Head pull-through $f_{head,k}$ [N/mm ²]	Withdrawal $f_{ax,k}$ [N/mm ²]	Yield moment $M_{y,k}$ [Nmm]
20.91	7.66	2349
		

Minimum embedment in base member: 15mm (lateral load)
Minimum embedment in base member: 20mm (axial load)

See Datasheet Appendix for guidance on spacing etc.. and Eurocode 5 for complete rules on timber member dimensions etc..

- To obtain characteristic head pull-through capacity multiply factor by d_h^2
- For withdrawal capacity multiply factor by base material embedment (excluding tip length) and fastener nominal diameter
- Values based on characteristic wood density of 350kg/m³

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Nail type: **2.8mm diameter ring shank**
 Finish: **Bright**
 Collation : **16° wire weld**



Pitch collation: 8mm

Suitable for these tools:- Haubold RNC65 S/WII,
 RNC75 S/W, RNC90 WII, RNC90 B-S/W,
 RNC70, RNC83

Paslode CNW70.1, CNW90 Toolmatic CW550

Nail lengths*: 36 to 90mm

Nails per standard coil: 250

(600 / 800 / 900 nail coils also available)

For fixing timber, OSB or plywood to timber



CORROSION PROTECTION

Label colour on packaging	Eurocode 5 service class	Finish
	Service Class 1 Indoor use	Bright (no protection)

Eurocode 5 only details minimum protection, it does not consider local environmental conditions, we recommend that you refer to ISO12944 part 2 to determine the appropriate corrosion protection. See appendix for details.

NAIL PROPERTIES / DIMENSIONS

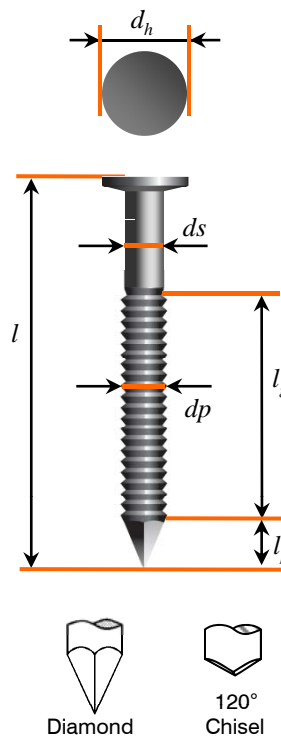
- Tensile strength of wire: min 700 N/mm²
- Shank diameter (d_s)*: 2.8mm
- Profile diameter (d_p): 3.0mm
- Head diameter (d_h)*: 6.7mm
- Standard nail lengths* (l) / Profiled length* (l_g):-

l (mm)	36	45	50	55	60	65	70	75	80	85	90
l_g (mm)	25	34	39	44	49	54	59	64	69	71	71
- Diamond point length l_p : 3.9mm
- Standard point: diamond
- 120° chisel points to special order

- Tolerances according to EN14592 for nail length, nail diameter and head diameter
- See tool manuals for min and max nail lengths

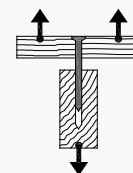
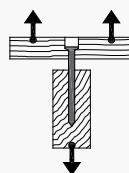
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VHT 3.4-2/09
Klasse 3C



CHARACTERISTIC PARAMETERS FOR CALCULATION TO EUROCODE 5

Head pull-through $f_{head,k}$ [N/mm ²]	Withdrawal $f_{ax,k}$ [N/mm ²]	Yield moment $M_{y,k}$ [Nmm]
21.64	6.85	2673



Minimum embedment in base member: 17mm (lateral load)
 Minimum embedment in base member: 23mm (axial load)

See Datasheet Appendix for guidance on spacing etc.. and Eurocode 5 for complete rules on timber member dimensions etc..

- To obtain characteristic head pull-through capacity multiply factor by d_h^2
- For withdrawal capacity multiply factor by base material embedment (excluding tip length) and fastener nominal diameter
- Values based on characteristic wood density of 350kg/m³



Nail type: **2.8mm diameter ring shank**
 Finish: **Electro-galvanised 5µm**
 Collation : **16° wire weld**

Pitch collation: 8mm

Suitable for these tools:- Haubold RNC65 S/WII, RNC75 S/W, RNC90 WII, RNC90 B-S/W, RNC70, RNC83

Paslode CNW70.1, CNW90 , Toolmatic CW550

Nail lengths*: 36 to 90mm

Nails per standard coil: 250

(600 / 800 / 900 nail coils also available)

For fixing timber, OSB or plywood to timber



CORROSION PROTECTION

Label colour on packaging	Eurocode 5 service class	Finish
	Service Class 1 Indoor use	Electro-galvanised $\geq 5\mu\text{m}$

Eurocode 5 only details minimum protection, it does not consider local environmental conditions, we recommend that you refer to ISO12944 part 2 to determine the appropriate corrosion protection. See appendix for details.

NAIL PROPERTIES / DIMENSIONS

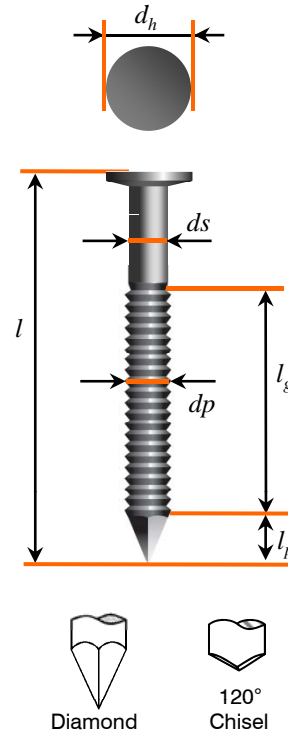
- Tensile strength of wire: min 700 N/mm²
- Shank diameter (d_s)*: 2.8mm
- Profile diameter (d_p): 3.0mm
- Head diameter (d_h)*: 6.7mm
- Standard nail lengths* (l)/Profiled length* (l_g):-

l (mm)	45	50	55	60	65	70	75	80	85	90
l_g (mm)	34	39	44	49	54	59	64	69	71	71
- Diamond point length l_p : 3.9mm
- Standard point: diamond
- 120° chisel points to special order

- Tolerances according to EN14592 for nail length, nail diameter and head diameter
- See tool manuals for min and max nail lengths

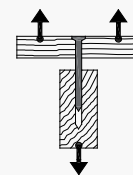
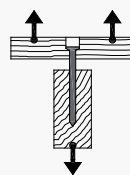
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VHT 3.4-2/08
Klasse 3C



CHARACTERISTIC PARAMETERS FOR CALCULATION TO EUROCODE 5

Head pull-through $f_{head,k}$ [N/mm ²]	Withdrawal $f_{ax,k}$ [N/mm ²]	Yield moment $M_{y,k}$ [Nmm]
21.64	7.34	2673



Minimum embedment in base member: 17mm (lateral load)
 Minimum embedment in base member: 23mm (axial load)

See Datasheet Appendix for guidance on spacing etc.. and Eurocode 5 for complete rules on timber member dimensions etc..

- To obtain characteristic head pull-through capacity multiply factor by d_h^2
- For withdrawal capacity multiply factor by base material embedment (excluding tip length) and fastener nominal diameter
- Values based on characteristic wood density of 350kg/m³



Nail type: **2.8mm diameter ring shank**
 Finish: **Electro-galvanised 12µm**
 Collation : **16° wire weld**

Pitch collation: 8mm

Suitable for these tools:- Haubold RNC65 S/WII, RNC75 S/W, RNC90 WII, RNC90 B-S/W, RNC70, RNC83

Paslode CNW70.1, CNW90 , Toolmatic CW550

Nail lengths*: 36 to 90mm


Nails per standard coil: 250

(600 / 800 / 900 nail coils also available)

For fixing timber, OSB or plywood to timber



CORROSION PROTECTION

Label colour on packaging	Eurocode 5 service class	Finish
	Service Class 2 Protected Outdoor	Electro-galvanised $\geq 12\mu\text{m}$

Eurocode 5 only details minimum protection, it does not consider local environmental conditions, we recommend that you refer to ISO12944 part 2 to determine the appropriate corrosion protection. See appendix for details.

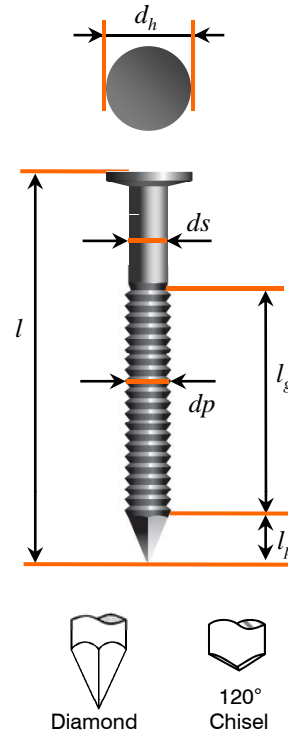
NAIL PROPERTIES / DIMENSIONS

- Tensile strength of wire: min 700 N/mm²
- Shank diameter (d_s)*: 2.8mm
- Profile diameter (d_p): 3.0mm
- Head diameter (d_h)*: 6.7mm
- Standard nail lengths* (l)/Profiled length* (l_g):-
 l (mm) 45 50 55 60 65 70 75 80 85 90
 l_g (mm) 34 39 44 49 54 59 64 69 71 71
- Diamond point length l_p : 3.9mm
- Standard point: diamond
- 120° chisel points to special order

- Tolerances according to EN14592 for nail length, nail diameter and head diameter
- See tool manuals for min and max nail lengths

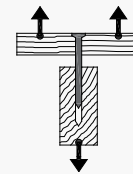
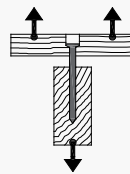
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VHT 3.4-2/08
Klasse 3C



CHARACTERISTIC PARAMETERS FOR CALCULATION TO EUROCODE 5

Head pull-through $f_{head,k}$ [N/mm ²]	Withdrawal $f_{ax,k}$ [N/mm ²]	Yield moment $M_{y,k}$ [Nmm]
21.64	7.34	2673



Minimum embedment in base member: 17mm (lateral load)
 Minimum embedment in base member: 23mm (axial load)

See Datasheet Appendix for guidance on spacing etc.. and Eurocode 5 for complete rules on timber member dimensions etc..

- To obtain characteristic head pull-through capacity multiply factor by d_h^2
- For withdrawal capacity multiply factor by base material embedment (excluding tip length) and fastener nominal diameter
- Values based on characteristic wood density of 350kg/m³

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Nail type: **2.8mm diameter ring shank**
 Finish: **Stainless Steel A2 - 304**
 Collation : **16° wire weld**

Pitch collation: 8mm

Suitable for these tools:- Haubold RNC65 S/WII, RNC75 S/W, RNC90 WII, RNC90 B-S/W, RNC70, RNC83

Paslode CNW70.1, CNW90 Toolmatic CW550

Nail lengths*: 36 to 90mm


Nails per standard coil: 250

(600 / 800 / 900 nail coils also available)

For fixing timber, OSB or plywood to timber



CORROSION PROTECTION

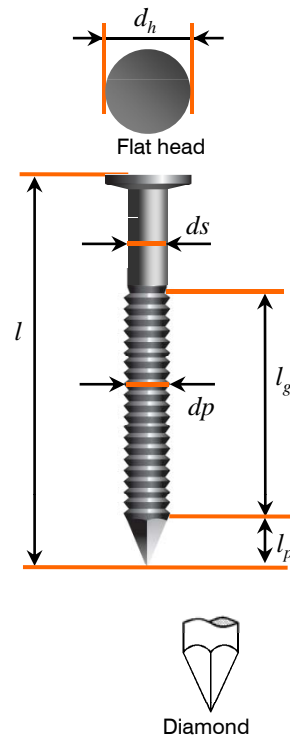
Label colour on packaging	Eurocode 5 service class	Finish
	Service Class 3 Outdoor	Stainless Steel A2 AISI-304

Eurocode 5 only details minimum protection, it does not consider local environmental conditions, we recommend that you refer to ISO12944 part 2 to determine the appropriate corrosion protection. See appendix for details.

NAIL PROPERTIES / DIMENSIONS

- Tensile strength of wire: min 700 N/mm²
- Shank diameter (d_s)*: 2.8mm
- Profile diameter (d_p): 3.0mm
- Head diameter (d_h)*: 6.7mm
- Standard nail lengths* (l)/Profiled length* (l_g):-
 l (mm) 45 50 55 60 65 70 75 80 85 90
 l_g (mm) 34 39 44 49 54 59 64 69 71 71
- Diamond point length l_p : 3.9mm
- Standard point: diamond
- 120° chisel points to special order

- Tolerances according to EN14592 for nail length, nail diameter and head diameter
- See tool manuals for min and max nail lengths



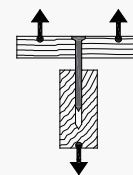
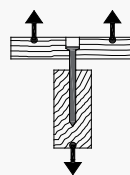
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Klasse 3C



CHARACTERISTIC PARAMETERS FOR CALCULATION TO EUROCODE 5

Head pull-through $f_{head,k}$ [N/mm ²]	Withdrawal $f_{ax,k}$ [N/mm ²]	Yield moment $M_{y,k}$ [Nmm]
21.64	7.33	3426



Minimum embedment in base member: 17mm (lateral load)
 Minimum embedment in base member: 23mm (axial load)

See Datasheet Appendix for guidance on spacing etc.. and Eurocode 5 for complete rules on timber member dimensions etc..

- To obtain characteristic head pull-through capacity multiply factor by d_h^2
- For withdrawal capacity multiply factor by base material embedment (excluding tip length) and fastener nominal diameter
- Values based on characteristic wood density of 350kg/m³

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Nail type: **2.8mm diameter ring shank**
 Finish: **Stainless Steel A4 - 316**
 Collation : **16° wire weld**

Pitch collation: 8mm

Suitable for these tools:- Haubold RNC65 S/WII, RNC75 S/W, RNC90 WII, RNC90 B-S/W, RNC70, RNC83

Paslode CNW70.1, CNW90 , Toolmatic CW550

Nail lengths*: 36 to 90mm


Nails per standard coil: 250

(600 / 800 / 900 nail coils also available)

For fixing timber, OSB or plywood to timber



CORROSION PROTECTION

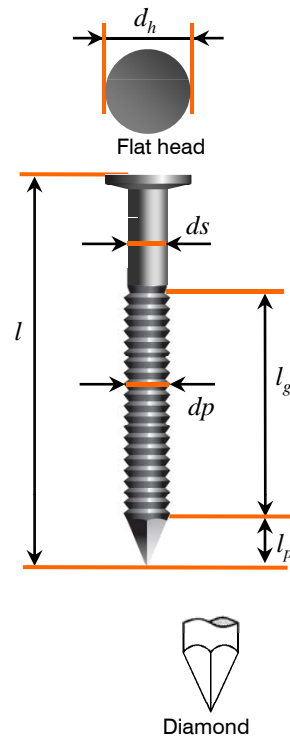
Label colour on packaging	Eurocode 5 service class	Finish
	Service Class 3 Outdoor	Stainless Steel A4 AISI-316

Eurocode 5 only details minimum protection, it does not consider local environmental conditions, we recommend that you refer to ISO12944 part 2 to determine the appropriate corrosion protection. See appendix for details.

NAIL PROPERTIES / DIMENSIONS

- Tensile strength of wire: min 700 N/mm²
- Shank diameter (d_s)*: 2.8mm
- Profile diameter (d_p): 3.0mm
- Head diameter (d_h)*: 6.7mm
- Standard nail lengths* (l) / Profiled length* (l_g);-
 l (mm) 65
 l_g (mm) 54
- Point length l_p : 3.9mm
- Standard point: diamond

- Tolerances according to EN14592 for nail length, nail diameter and head diameter
- See tool manuals for min and max nail lengths



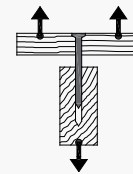
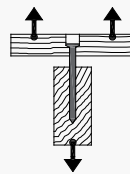
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CHARACTERISTIC PARAMETERS FOR CALCULATION TO EUROCODE 5

Head pull-through $f_{head,k}$ [N/mm ²]	Withdrawal $f_{ax,k}$ [N/mm ²]	Yield moment $M_{y,k}$ [Nmm]
21.64	7.33	3426



Minimum embedment in base member: 17mm (lateral load)
 Minimum embedment in base member: 23mm (axial load)

See Datasheet Appendix for guidance on spacing etc.. and Eurocode 5 for complete rules on timber member dimensions etc..

- To obtain characteristic head pull-through capacity multiply factor by d_h^2
- For withdrawal capacity multiply factor by base material embedment (excluding tip length) and fastener nominal diameter
- Values based on characteristic wood density of 350kg/m³

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Nail type: **3.1mm diameter ring shank**
 Finish: **Bright**
 Collation : **16° wire weld**

Pitch collation: 8mm

Suitable for these tools:-

Haubold RNC75 S/W, RNC90 WII,
 RNC90 B-S/W, RNC83

Paslode CNW70.1, CNW90

Nail lengths*: 40 to 90mm

Nails per standard coil: 225

(600 / 800 / 900 nail coils also available)

For fixing timber, OSB or plywood to timber



CORROSION PROTECTION

Label colour on packaging	Eurocode 5 service class	Finish
	Service Class 1 Indoor use 	Bright (no protection)

Eurocode 5 only details minimum protection, it does not consider local environmental conditions, we recommend that you refer to ISO12944 part 2 to determine the appropriate corrosion protection. See appendix for details.

NAIL PROPERTIES / DIMENSIONS

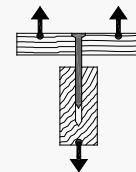
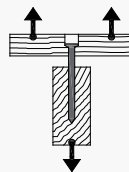
- Tensile strength of wire: min 700 N/mm²
- Shank diameter (d_s)*: 3.1mm
- Profile diameter (d_p): 3.3mm
- Head diameter (d_h)*: 7.1mm
- Standard nail lengths* (l) / Profiled length* (l_g);-

l (mm)	50	55	60	65	70	75	80	85	90
l_g (mm)	39	44	49	54	59	64	69	71	71
- Point length l_p : 3.4mm
- Standard point: diamond

- Tolerances according to EN14592 for nail length, nail diameter and head diameter
- See tool manuals for min and max nail lengths

CHARACTERISTIC PARAMETERS FOR CALCULATION TO EUROCODE 5

Head pull-through $f_{head,k}$ [N/mm ²]	Withdrawal $f_{ax,k}$ [N/mm ²]	Yield moment $M_{y,k}$ [Nmm]
15.37	6.87	3210



Minimum embedment in base member: 19mm (lateral load)
 Minimum embedment in base member: 25mm (axial load)

See Datasheet Appendix for guidance on spacing etc.. and Eurocode 5 for complete rules on timber member dimensions etc..

- To obtain characteristic head pull-through capacity multiply factor by d_h^2
- For withdrawal capacity multiply factor by base material embedment (excluding tip length) and fastener nominal diameter
- Values based on characteristic wood density of 350kg/m³

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Nail type: **3.1mm diameter ring shank**
 Finish: **Electro-galvanised 5µm**
 Collation : **16° wire weld**

Pitch collation: 8mm

Suitable for these tools:-

Haubold RNC75 S/W, RNC90 WII,
 RNC90 B-S/W, RNC83

Paslode CNW70.1, CNW90

Nail lengths*: 40 to 90mm

Nails per standard coil: 225

(600 / 800 / 900 nail coils also available)

For fixing timber, OSB or plywood to timber



CORROSION PROTECTION

Label colour on packaging	Eurocode 5 service class	Finish
	Service Class 1 Indoor use	Electro- galvanised ≥ 5µm

Eurocode 5 only details minimum protection, it does not consider local environmental conditions, we recommend that you refer to ISO12944 part 2 to determine the appropriate corrosion protection. See appendix for details.

NAIL PROPERTIES / DIMENSIONS

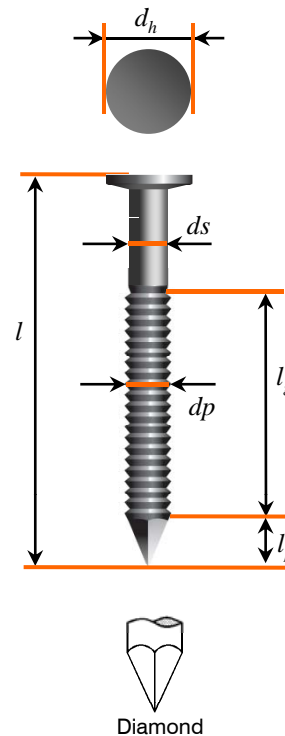
- Tensile strength of wire: min 700 N/mm²
- Shank diameter (d_s)*: 3.1mm
- Profile diameter (d_p): 3.3mm
- Head diameter (d_h)*: 7.1mm
- Standard nail lengths* (l) / Profiled length* (l_g);-

l (mm)	50	55	60	65	70	75	80	85	90
l_g (mm)	39	44	49	54	59	64	69	71	71
- Point length l_p : 3.4mm
- Standard point: diamond

- Tolerances according to EN14592 for nail length, nail diameter and head diameter
- See tool manuals for min and max nail lengths

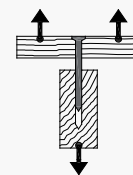
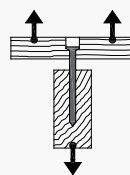
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 Klasse 3C



CHARACTERISTIC PARAMETERS FOR CALCULATION TO EUROCODE 5

Head pull-through $f_{head,k}$ [N/mm ²]	Withdrawal $f_{ax,k}$ [N/mm ²]	Yield moment $M_{y,k}$ [Nmm]
15.37	7.99	3210



Minimum embedment in base member: 19mm (lateral load)
 Minimum embedment in base member: 25mm (axial load)

See Datasheet Appendix for guidance on spacing etc.. and Eurocode 5 for complete rules on timber member dimensions etc..

- To obtain characteristic head pull-through capacity multiply factor by d_h^2
- For withdrawal capacity multiply factor by base material embedment (excluding tip length) and fastener nominal diameter
- Values based on characteristic wood density of 350kg/m³

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Nail type: 3.1mm diameter ring shank
Finish: Electro-galvanised 12µm
Collation : 16° wire weld



Pitch collation: 8mm

Suitable for these tools:-

Haubold RNC75 S/W, RNC90 WII,
RNC90 B-S/W, RNC83

Paslode CNW70.1, CNW90

Nail lengths*: 40 to 90mm

Nails per standard coil: 225

(600 / 800 / 900 nail coils also available)

For fixing timber, OSB or plywood to timber



CORROSION PROTECTION

Label colour on packaging	Eurocode 5 service class	Finish
	Service Class 2 Protected Outdoor	Electro-galvanised $\geq 12\mu\text{m}$

Eurocode 5 only details minimum protection, it does not consider local environmental conditions, we recommend that you refer to ISO12944 part 2 to determine the appropriate corrosion protection. See appendix for details.

NAIL PROPERTIES / DIMENSIONS

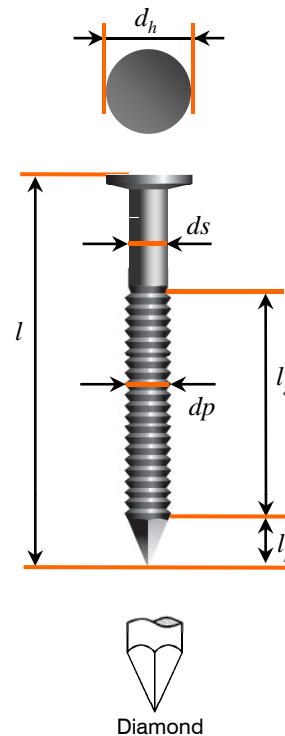
- Tensile strength of wire: min 700 N/mm²
- Shank diameter (d_s)*: 3.1mm
- Profile diameter (d_p): 3.3mm
- Head diameter (d_h)*: 7.1mm
- Standard nail lengths* (l) / Profiled length* (l_g);-

l (mm)	50	55	60	65	70	75	80	85	90
l_g (mm)	39	44	49	54	59	64	69	71	71
- Point length l_p : 3.4mm
- Standard point: diamond

- Tolerances according to EN14592 for nail length, nail diameter and head diameter
- See tool manuals for min and max nail lengths

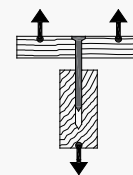
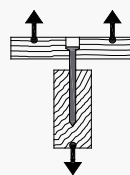
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Klasse 3C



CHARACTERISTIC PARAMETERS FOR CALCULATION TO EUROCODE 5

Head pull-through $f_{head,k}$ [N/mm ²]	Withdrawal $f_{ax,k}$ [N/mm ²]	Yield moment $M_{y,k}$ [Nmm]
15.37	7.99	3210



Minimum embedment in base member: 19mm (lateral load)
Minimum embedment in base member: 25mm (axial load)

See Datasheet Appendix for guidance on spacing etc.. and Eurocode 5 for complete rules on timber member dimensions etc..

- To obtain characteristic head pull-through capacity multiply factor by d_h^2
- For withdrawal capacity multiply factor by base material embedment (excluding tip length) and fastener nominal diameter
- Values based on characteristic wood density of 350kg/m³

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Nail type: 3.1mm diameter ring shank
Finish: Stainless Steel A2 - 304
Collation : 16° wire weld



Pitch collation: 8mm

Suitable for these tools:-

Haubold RNC75 S/W, RNC90 WII,
RNC90 B-S/W, RNC83

Paslode CNW70.1, CNW90

Nail lengths*: 40 to 90mm


Nails per standard coil: 225

(600 / 800 / 900 nail coils also available)

For fixing timber, OSB or plywood to timber



CORROSION PROTECTION

Label colour on packaging	Eurocode 5 service class	Finish
	Service Class 3 Outdoor	Stainless Steel A2 AISI-304

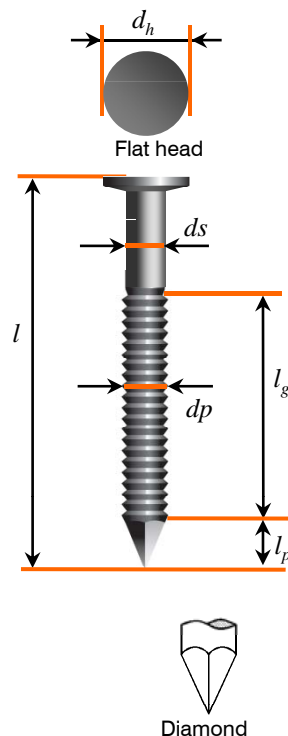
Eurocode 5 only details minimum protection, it does not consider local environmental conditions, we recommend that you refer to ISO12944 part 2 to determine the appropriate corrosion protection. See appendix for details.

NAIL PROPERTIES / DIMENSIONS

- Tensile strength of wire: min 700 N/mm²
- Shank diameter (d_s): 3.1mm
- Profile diameter (d_p): 3.3mm
- Head diameter (d_h): 7.1mm
- Standard nail lengths* (l) / Profiled length* (l_g):

l (mm)	50	55	60	65	70	75	80	85	90
l_g (mm)	39	44	49	54	59	64	69	71	71
- Diamond point length l_p : 3.4mm
- Standard point: diamond
- Short diamond point available to special order

- Tolerances according to EN14592 for nail length, nail diameter and head diameter
- See tool manuals for min and max nail lengths



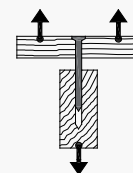
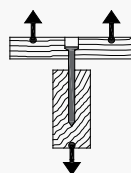
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VHT 3.4-2/16
Klasse 3C



CHARACTERISTIC PARAMETERS FOR CALCULATION TO EUROCODE 5

Head pull-through $f_{head,k}$ [N/mm ²]	Withdrawal $f_{ax,k}$ [N/mm ²]	Yield moment $M_{y,k}$ [Nmm]
15.37	8.41	4007



Minimum embedment in base member: 19mm (lateral load)
Minimum embedment in base member: 25mm (axial load)

See Datasheet Appendix for guidance on spacing etc.. and Eurocode 5 for complete rules on timber member dimensions etc..

- To obtain characteristic head pull-through capacity multiply factor by d_h^2
- For withdrawal capacity multiply factor by base material embedment (excluding tip length) and fastener nominal diameter
- Values based on characteristic wood density of 350kg/m³

Nail type: 3.1mm diameter ring shank
Finish: Stainless Steel A4 - 316
Collation : 16° wire weld



Pitch collation: 8mm

Suitable for these tools:-

Haubold RNC75 S/W, RNC90 WII,
RNC90 B-S/W, RNC83

Paslode CNW70.1, CNW90

Nail lengths*: 40 to 90mm


Nails per standard coil: 225

(600 / 800 / 900 nail coils also available)

For fixing timber, OSB or plywood to timber



CORROSION PROTECTION

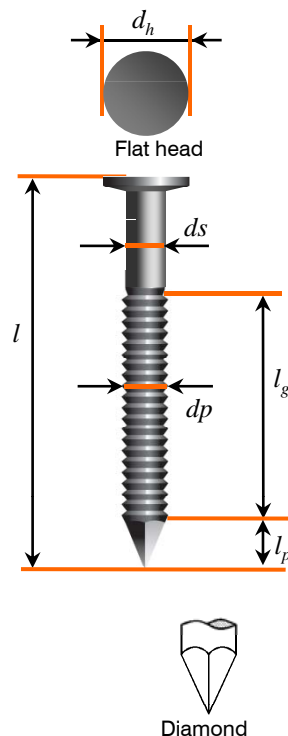
Label colour on packaging	Eurocode 5 service class	Finish
	Service Class 3 Outdoor	Stainless Steel A4 AISI-316

Eurocode 5 only details minimum protection, it does not consider local environmental conditions, we recommend that you refer to ISO12944 part 2 to determine the appropriate corrosion protection. See appendix for details.

NAIL PROPERTIES / DIMENSIONS

- Tensile strength of wire: min 700 N/mm²
- Shank diameter (d_s): 3.1mm
- Profile diameter (d_p): 3.3mm
- Head diameter (d_h): 7.1mm
- Standard nail lengths* (l) / Profiled length* (l_g);-
 l (mm) 90
 l_g (mm) 71
- Diamond point length l_p : 3.4mm
- Standard point: diamond
- Short diamond point available to special order

- Tolerances according to EN14592 for nail length, nail diameter and head diameter
- See tool manuals for min and max nail lengths



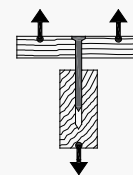
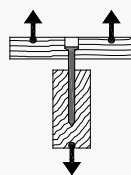
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CHARACTERISTIC PARAMETERS FOR CALCULATION TO EUROCODE 5

Head pull-through $f_{head,k}$ [N/mm ²]	Withdrawal $f_{ax,k}$ [N/mm ²]	Yield moment $M_{y,k}$ [Nmm]
15.37	8.41	4007



Minimum embedment in base member: 19mm (lateral load)
Minimum embedment in base member: 25mm (axial load)

See Datasheet Appendix for guidance on spacing etc.. and Eurocode 5 for complete rules on timber member dimensions etc..

- To obtain characteristic head pull-through capacity multiply factor by d_h^2
- For withdrawal capacity multiply factor by base material embedment (excluding tip length) and fastener nominal diameter
- Values based on characteristic wood density of 350kg/m³

Nail type: 3.4mm diameter ring shank
Finish: Bright
Collation : 16° wire weld



Pitch collation: 8mm

Suitable for these tools:-

Haubold RNC90 WII, RNC90 B-S/W

Paslode CNW90

Nail lengths*: 90mm

Nails per standard coil: 200

For fixing timber, OSB or plywood to timber



CORROSION PROTECTION

Label colour on packaging	Eurocode 5 service class	Finish
	Service Class 1 Indoor use 	Bright (no protection)

Eurocode 5 only details minimum protection, it does not consider local environmental conditions, we recommend that you refer to ISO12944 part 2 to determine the appropriate corrosion protection. See appendix for details.

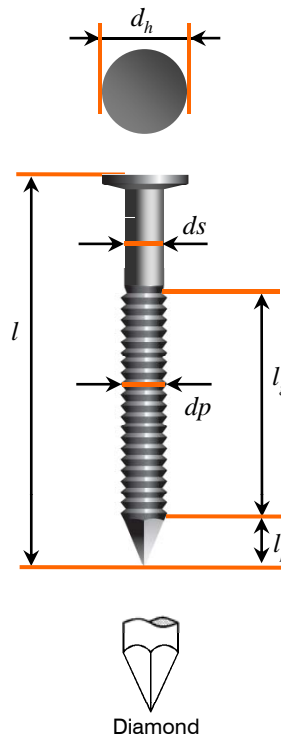
NAIL PROPERTIES / DIMENSIONS

- Tensile strength of wire: min 700 N/mm²
- Shank diameter (d_s): 3.4mm
- Profile diameter (d_p): 3.6mm
- Head diameter (d_h): 7.1mm
- Standard nail length* (l) / Profiled length* (l_g):-
 l (mm) 90
 l_g (mm) 71
- Point length l_p : 3.8mm
- Standard point: diamond

- Tolerances according to EN14592 for nail length, nail diameter and head diameter
- See tool manuals for min and max nail lengths

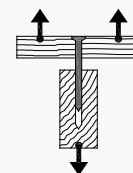
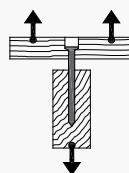
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VHT 3.4-2/17
Klasse 3C



CHARACTERISTIC PARAMETERS FOR CALCULATION TO EUROCODE 5

Head pull-through $f_{head,k}$ [N/mm ²]	Withdrawal $f_{ax,k}$ [N/mm ²]	Yield moment $M_{y,k}$ [Nmm]
15.26	7.24	4441



Minimum embedment in base member: 21mm (lateral load)
Minimum embedment in base member: 28mm (axial load)

See Datasheet Appendix for guidance on spacing etc.. and Eurocode 5 for complete rules on timber member dimensions etc..

- To obtain characteristic head pull-through capacity multiply factor by d_h^2
- For withdrawal capacity multiply factor by base material embedment (excluding tip length) and fastener nominal diameter
- Values based on characteristic wood density of 350kg/m³



Nail type: **3.4mm diameter ring shank**
 Finish: **Electro-galvanised 5µm**
 Collation : **16° wire weld**

Pitch collation: 8mm

Suitable for these tools:-

Haubold RNC90 WII, RNC90 B-S/W
 Paslode CNW90

Nail lengths*: 90mm

Nails per standard coil: 200

For fixing timber, OSB or plywood to timber



CORROSION PROTECTION

Label colour on packaging	Eurocode 5 service class	Finish
	Service Class 1 Indoor use 	Electro-galvanised $\geq 5\mu\text{m}$

Eurocode 5 only details minimum protection, it does not consider local environmental conditions, we recommend that you refer to ISO12944 part 2 to determine the appropriate corrosion protection. See appendix for details.

NAIL PROPERTIES / DIMENSIONS

- Tensile strength of wire: min 700 N/mm²
- Shank diameter (d_s): 3.4mm
- Profile diameter (d_p): 3.6mm
- Head diameter (d_h): 7.1mm
- Standard nail length* (l) / Profiled length* (l_g);-
 l (mm) 90
 l_g (mm) 71
- Point length l_p : 3.8mm
- Standard point: diamond

- Tolerances according to EN14592 for nail length, nail diameter and head diameter
- See tool manuals for min and max nail lengths

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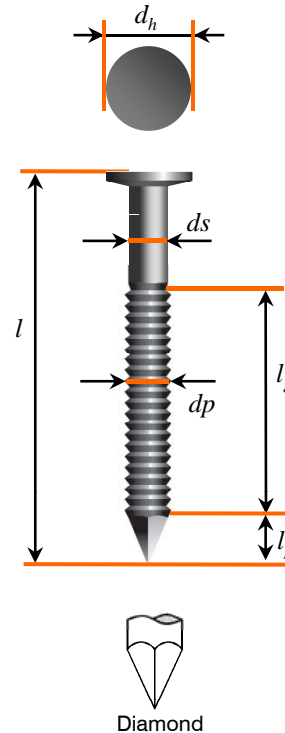
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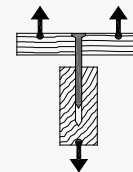
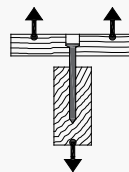
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 Klasse 3C



CHARACTERISTIC PARAMETERS FOR CALCULATION TO EUROCODE 5

Head pull-through $f_{head,k}$ [N/mm ²]	Withdrawal $f_{ax,k}$ [N/mm ²]	Yield moment $M_{y,k}$ [Nmm]
15.26	8.74	4441



Minimum embedment in base member: 21mm (lateral load)
 Minimum embedment in base member: 28mm (axial load)

See Datasheet Appendix for guidance on spacing etc.. and Eurocode 5 for complete rules on timber member dimensions etc..

- To obtain characteristic head pull-through capacity multiply factor by d_h^2
- For withdrawal capacity multiply factor by base material embedment (excluding tip length) and fastener nominal diameter
- Values based on characteristic wood density of 350kg/m³