

Bright Round Wire Nails

| Geometrical Testing | | | Test Report No. | Certificate No. | Characteristic yield moment $M_{y,k}$ (Nmm) In acc. with BS EN 409:2009 | Characteristic withdrawal parameter $f_{ax,k}$ (N/mm ²) In acc. with BS EN 1382:2000 | | Characteristic head pull-through parameter $f_{head,k}$ (N/mm ²) | Characteristic tensile capacity $f_{tens,k}$ (N/mm ²) | Durability (Corrosion Protection) Service Class Note* 5 lots tested In cc. To EN1995-1-1 |
|---------------------|------------------------------|-------------------|-----------------|-----------------|--|---|-------------------------|--|---|--|
| Diameter d (mm) | Head Area (mm ²) | Point Length (mm) | | | | Loading across the fibre | Loading along the fibre | | | |
| 2.65 | 27.93 | 3.61 | 30-10775/3 | E-30-20417-16 | 2 862 | 3.31 | 1.92 | 27.17 | 2.57 | 1 |
| 3.35 | 27.93 | 3.61 | 30-10775/3 | E-30-20417-16 | 2 862 | 3.31 | 1.92 | 27.17 | 2.57 | 1 |
| 3.75 | 45.91 | 5.04 | 30-10775/5 | E-30-20419-16 | 5 873 | 3.43 | 2.27 | 25.14 | 3.73 | 1 |
| 4.50 | 53.39 | 5.09 | 30-10775/6 | E-30-20420-16 | 7 020 | 3.60 | 2.06 | 24.91 | 6.89 | 1 |
| 5.60 | 66.36 | 7.84 | 30-10775/7 | E-30-20421-16 | 12 982 | 3.52 | 2.44 | 23.64 | 9.31 | 1 |
| 6.00 | 101.57 | 7.32 | 30-10775/10 | E-30-20424-16 | 29 555 | 3.62 | 2.07 | 20.51 | 11.86 | 1 |

- Characteristic withdrawal parameter: Density of wood used: = 350 kg/m³. Conditioned at 20°C with humidity at 65%.
- Characteristic head pull-through parameter: Density of wood used: = 350 kg/m³.

Galvanised Round Wire Nails

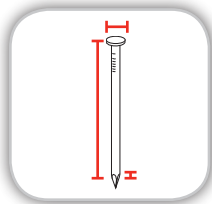
| Geometrical Testing | | | Test Report No. | Certificate No. | Characteristic yield moment $M_{y,k}$ (Nmm) In acc. with BS EN 409:2009 | Characteristic withdrawal parameter $f_{ax,k}$ (N/mm ²) In acc. with BS EN 1382:2000 | | Characteristic head pull-through parameter $f_{head,k}$ (N/mm ²) | Characteristic tensile capacity $f_{tens,k}$ (N/mm ²) | Durability (Corrosion Protection) Service Class Note* 5 lots tested In cc. To EN1995-1-1 |
|---------------------|------------------------------|-------------------|-----------------|-----------------|--|---|-------------------------|--|---|--|
| Diameter d (mm) | Head Area (mm ²) | Point Length (mm) | | | | Loading across the fibre | Loading along the fibre | | | |
| 2.65 | 27.93 | 3.61 | 30-10775/3 | E-30-20417-16 | 2 862 | 3.31 | 1.92 | 27.17 | 2.57 | 2 |
| 3.35 | 27.93 | 3.61 | 30-10775/3 | E-30-20417-16 | 2 862 | 3.31 | 1.92 | 27.17 | 2.57 | 2 |
| 3.75 | 45.91 | 5.04 | 30-10775/5 | E-30-20419-16 | 5 873 | 3.43 | 2.27 | 25.14 | 3.73 | 2 |
| 4.50 | 53.39 | 5.09 | 30-10775/6 | E-30-20420-16 | 7 020 | 3.60 | 2.06 | 24.91 | 6.89 | 2 |
| 5.60 | 66.36 | 7.84 | 30-10775/7 | E-30-20421-16 | 12 982 | 3.52 | 2.44 | 23.64 | 9.31 | 2 |
| 6.00 | 101.57 | 7.32 | 30-10775/10 | E-30-20424-16 | 29 555 | 3.62 | 2.07 | 20.51 | 11.86 | 2 |

- Characteristic withdrawal parameter: Density of wood used: = 350 kg/m³. Conditioned at 20°C with humidity at 65%.
- Characteristic head pull-through parameter: Density of wood used: = 350 kg/m³.

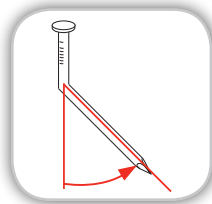
Stainless Steel Round Wire Nails

| Geometrical Testing | | | Test Report No. | Certificate No. | Characteristic yield moment $M_{y,k}$ (Nmm) In acc. with BS EN 409:2009 | Characteristic withdrawal parameter $f_{ax,k}$ (N/mm ²) In acc. with BS EN 1382:2000 | | Characteristic head pull-through parameter $f_{head,k}$ (N/mm ²) | Characteristic tensile capacity $f_{tens,k}$ (N/mm ²) | Durability (Corrosion Protection) Service Class Note* 5 lots tested In cc. To EN1995-1-1 |
|---------------------|------------------------------|-------------------|-----------------|-----------------|--|---|-------------------------|--|---|--|
| Diameter d (mm) | Head Area (mm ²) | Point Length (mm) | | | | Loading across the fibre | Loading along the fibre | | | |
| 3.75 | 42.15 | 5.1 | 30-10875/2 | E-30-20560-16 | 6,137 | 10.63 | 5.70 | 24.30 | 6.24 | 3 |
| 4.50 | 46.21 | 5.31 | 30-10875/4 | E-30-20562-16 | 7,562 | 3.16 | 1.96 | 25.99 | 7.29 | 3 |

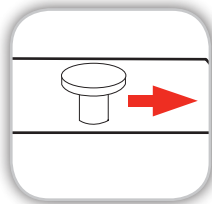
- Characteristic withdrawal parameter: Density of wood used: = 350 kg/m³. Conditioned at 20°C with humidity at 65%.
- Characteristic head pull-through parameter: Density of wood used: = 350 kg/m³.



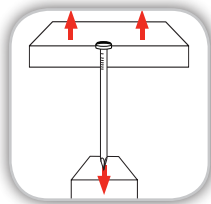
Geometrical



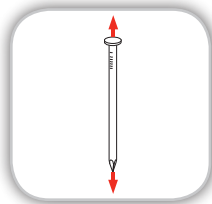
Yield Movement
In acc. with
BS EN 409:2009



Withdrawal Parameter
In acc. with
BS EN 1382:2000



Head Pull-through
In acc. with
BS EN 1383:2000



Tensile Ratio
In acc. with
BS EN 1383:2000



Durability



DECLARATION OF PERFORMANCE

DOP54 v2

We here by declare the following designated products

TIMco Round Wire Nails Dimensions:

Ø 2.65mm

Ø 3.35mm

Ø 3.75mm

Ø 4.50mm

Ø 5.60mm

Ø 6.00mm

Have been tested by the following independant testing organisation:

- Notified Body 1015
- Strojirensky Zkusebni Ustav, s.p., Czech Republic

And that they have performed initial type testing under system 3, Annex V of the regulation (EU) no. 305/2011 (Construction Products Regulation), with the reference to the harmonised European standard (hEN) BS EN 14592:2008+A1:2012 (Timber structures - Dowel type fasteners - Requirements) for nails intended for the use in "load bearing timber structures" and produced the calculation/test reports and certificates as listed below;

Factory Process Control (FPC) has been established by the factory and independently audited by TUV Rheinland UK in accordance with ISO9001:2008..

This declaration of conformity is valid until there is a significant change in the product and declared characteristics. ie. raw material or change in production process.

Signed by:

Name: *Simon Midwood*

Position: *Managing Director*

Date & Location: *12. 08. 2016*
TIMco House, CW5 6BJ

This declaration is the responsibility of the importer

T.I Midwood & Co. Ltd. Green Lane, Wardle, Nantwich, Cheshire, CW5 6BJ

