

# **Technical Data Sheet**

# **CC Multipurpose Wood Screws**



- Broad application fastening solution designed for various modern wood materials.
- Superior performance across softwoods, hardwoods, MDF, plywood, and even some composite materials.
- Deep and sharp threads for aggressive cutting action with fast penetration into wood materials.
- · Double countersunk, self sinking head.

# **Technical Specifications**

DETAIL	DESCRIPTION			
Designed For	Natural wood, engineered wood and composite wood materials			
Head Style/Drive Recess	Double Countersunk - Pozi-Drive			
Thread Form/Point	Single sharp thread - Sharp Point			
Effective Thread Length	Fully Threaded			
Material Grade	AISI C1022 / 1028 Carbon Steel - Case Hardened			
Coating	Electroplated Zinc Yellow (Y) / Zinc Clear (Z)			
<b>Corrosion Protection</b>	Grade 2 acc. to BS EN 1670:2007			
Salt Spray Test (SST)	Minimum 48 Hours in accordance with BS EN ISO 9227:2022+A1:2024			

### **Mechanical Data - Average Resistance Characteristics**

NOMINAL SIZE	RECOMMENDED TENSILE CAPACITY (F <sub>t</sub> swL)	RECOMMENDED SHEAR LOAD (F <sub>v</sub> swL)	TENSILE STRENGTH (RM)	RECOMMENDED TORSIONAL CAPACITY (Ft,swl)
CC 4.0mm	1.75 kN	1.05 kN	324 Mpa	0.92 Nm
CC 5.0mm	2.64 kN	1.58 kN	324 Mpa	1.71 Nm
CC 6.0mm	3.94 kN	2.36 kN	324 Mpa	3.12 Nm

**NOTE** Data values are based on single-point tests and calculations and are indicative only. Specifiers, end-users, and third parties are responsible for determining and applying appropriate safety factors. It is recommended that on-site testing is carried out for specific designs or applications.

#### **Installation Guidance**

- Impact-type electric drills/drivers are not recommended for fixing multipurpose wood screws due to the high-torque, percussive action they generate.
- Choose the correct screw length to ensure optimal grip without over-penetration.

## **Referenced Standards**

angle to the surface.

- BS EN 1670:2007
- BS EN ISO 9227:2022+A1:2024

• Ensure the appropriate bit is utilised for the application.

Apply consistent pressure and drive the screw in at a 90°

· Avoid overdriving to prevent splitting or material damage.

• BS EN BS EN 14592:2022

#### **Supporting Documentation**

- ISO9001-2015-218503 BAB Management Certificate
- ISO14001-2015-241585 BAB Management Certificate





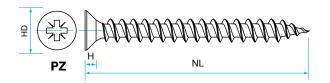
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### **CC Product Range**

PRODUCT CODE	SIZE – SHANK X NL	RECESS TYPE	HD	н	BOX QTY
CC 4.0 X 25 Y 200	4.0mm x 25mm	PZ2	7.65mm ±0.35mm	2.30mm ±0.20mm	200
CC 4.0 X 30 Y 200	4.0mm x 30mm	PZ2	7.65mm ±0.35mm	2.30mm ±0.20mm	200
CC 4.0 X 35 Y 200	4.0mm x 35mm	PZ2	7.65mm ±0.35mm	2.30mm ±0.20mm	200
CC 4.0 X 40 Y or Z 200	4.0mm x 40mm	PZ2	7.65mm ±0.35mm	2.30mm ±0.20mm	200
CC 4.0 X 50 Y 200	4.0mm x 50mm	PZ2	7.65mm ±0.35mm	2.30mm ±0.20mm	200
CC 4.0 X 60 Y or Z 200	4.0mm x 60mm	PZ2	7.65mm ±0.35mm	2.30mm ±0.20mm	200
CC 4.0 X 70 Y 200	4.0mm x 70mm	PZ2	7.65mm ±0.35mm	2.30mm ±0.20mm	200
CC 5.0 X 25 Y 200	5.0mm x 25mm	PZ2	9.75mm ±0.25mm	2.80mm ±0.20mm	200
CC 5.0 X 30 Y 200	5.0mm x 30mm	PZ2	9.75mm ±0.25mm	2.80mm ±0.20mm	200
CC 5.0 X 35 Y 200	5.0mm x 35mm	PZ2	9.75mm ±0.25mm	2.80mm ±0.20mm	200
CC 5.0 X 40 Y 200	5.0mm x 40mm	PZ2	9.75mm ±0.25mm	2.80mm ±0.20mm	200
CC 5.0 X 50 Y 200	5.0mm x 50mm	PZ2	9.75mm ±0.25mm	2.80mm ±0.20mm	200
CC 5.0 X 60 Y 200	5.0mm x 60mm	PZ2	9.75mm ±0.25mm	2.80mm ±0.20mm	200
CC 5.0 X 70 Y 200	5.0mm x 70mm	PZ2	9.75mm ±0.25mm	2.80mm ±0.20mm	200
CC 5.0 X 80 Y 200	5.0mm x 80mm	PZ2	9.75mm ±0.25mm	2.80mm ±0.20mm	200
CC 5.0 X 90 Y or Z 200	5.0mm x 90mm	PZ2	9.75mm ±0.25mm	2.80mm ±0.20mm	200
CC 5.0 X 100 Y or Z 100	5.0mm x 100mm	PZ2	9.75mm ±0.25mm	2.80mm ±0.20mm	100
CC 6.0 X 60 Y 200	6.0mm x 60mm	PZ3	11.75mm± 0.25mm	3.35mm ±0.25mm	200
CC 6.0 X 90 Y 200	6.0mm x 90mm	PZ3	11.75mm± 0.25mm	3.35mm ±0.25mm	200
CC 6.0 X 100 Y 100	6.0mm x 100mm	PZ3	11.75mm± 0.25mm	3.35mm ±0.25mm	100
CC 6.0 X 150 Y 100	6.0mm x 150mm	PZ3	11.75mm± 0.25mm	3.35mm ±0.25mm	100









