



- 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	Case-hardened carbon steel (AISI C1022)
Surface finish	Electroplated Zinc Yellow/Clear with trivalent passivation to BS EN ISO 4042:2022
Corrosion Protection	Sacrificial zinc coating
Laboratory testing	48 hr neutral salt-spray (NSS) to BS EN ISO 9227:2022+A1:2024

Mechanical Data – Average Resistance Characteristics

NOMINAL SIZE	RECOMMENDED TENSILE CAPACITY (F_t, SWL)	RECOMMENDED SHEAR LOAD (F_v, SWL)	TENSILE STRENGTH (R_m)	RECOMMENDED TORSIONAL CAPACITY (F_t, SWL)
CC 4.0mm	1.74 kN	1.04 kN	324 Mpa	0.83 Nm
CC 5.0mm	2.61 kN	1.57 kN	324 Mpa	1.54 Nm
CC 6.0mm	3.91 kN	2.35 kN	324 Mpa	2.81 Nm

NOTE Correct product selection remains dependent on installation environment, moisture exposure, substrate condition and maintenance regime. 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 structural 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.
- Ensure the appropriate bit is utilised for the application.
- Apply consistent pressure and drive the screw in at a 90° angle to the surface.
- Avoid overdriving to prevent splitting or material damage.

Supporting Documentation

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

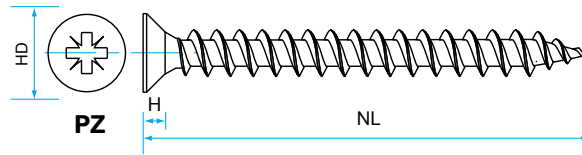
Referenced Standards

- BS EN ISO 4042:2022
- BS EN ISO 9227:2022+A1:2024
- BS EN BS EN 14592:2022



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CC Product Range

PRODUCT CODE	SIZE – SHANK X NL	RECESS TYPE	HD	H	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



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