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PRODUCT INFORMATION

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_	Fasteners			R-PTX	R-PTK	R-PVS	R-PVZ	R-PCZ
	head type	Countersunk head, tx drive	(In)	V	-	v	-	-
		Wafer head, tx drive	()	-	v	-	-	-
		Cylindrical socket head, tx drive	and the second	-	-	-	v	v
	thread type	Full thread	COOO	-	-	v	v	-
		Sectional thread	B	v	v	-	-	-
		Double thread	Ĩ	-	-	-	-	v
	specs	Fastener length [mm		20-400	40-400	16-600	80-600	65-400
		Fastener diameter [mm]		3,0/3,5/4,0/4,5/ 5,0/6,0/8,0	6,0/8,0	3,0/3,5/4,0/ 4,5/5,0/6,0/ 8,0/10,0/12,0	6,0/8,0/10,0	6,5/8,5
	base material	Wood		v	v	v	v	v
		Structural timber		V	V	v	v	v
		Chipboard		V	V	v	-	-
		Wood-based panel		V	V	v	-	-
_		Plywood		V	V	V	-	-
	approvals			ETA-21/0797 PN-EN 14592 + A1:2012	ETA-21/0797 PN-EN 14592 + A1:2012	ETA-21/0797 PN-EN 14592 + A1:2012	ETA-21/0797	ETA-21/0797

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RELATED PRODUCTS V



RT-IBIT-T Impact T-bits



Double magnet bit adapter



RT-IBIT-ADAP Impact bit adapter **PROCUT** screws for joining wooden structural elements

BASE MATERIAL 🗸

Wood, structural timber, chipboard, plywood, wood-based panel







R-PTK wafer head / partial thread



Rawlplug Ltd

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Thornliebank Industrial Estate

Skibo Drive

tersunk head

partial thread



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Customer service

FASTENING MADE 30% FASTER!

In the research before the implementation of the product, we confirmed that the new shape of the screw tip reduces the screwing time by up to 30%. The savings depend on the type of connection and the wood used.

Comfort and speed of fastening, also thanks to the minimised range of different PROCUT sockets (RT-BIT-TORX, RT-IBIT-T). Our screws can be driven with one hand thanks to the perfect bit and socket fit.



IORAWLPLUG®

www.rawlplug.co.uk





PROCUT

SCREWS FOR JOINING WOODEN STRUCTURAL ELEMENTS

OUT Ser

Fastening made 30% faster!

NEW PRODUC

Trust & Innovation www.rawlplug.co.uk

PROCUT - DESIGNED WITH WOOD IN MIND



- **PROCUT** stands for professional screws designed to provide superior fastening performance in wood, timber, and chipboard applications.
- . **PROCUT** line is our response to the needs of joinery, carpentry, wood construction, roofing, and garden construction professionals.
- н. **PROCUT** screws enable rapid driving initiation thanks to the unique and patented milling ribs between threads. Unlike most screws available on the market, they don't cut through wood, but effectively split wood fibres apart instead of damaging them, and make the most of the material's natural elasticity.
- Thanks to these properties, the **PROCUT** screws reduce the force required for installation, making it 30% faster and significantly more convenient.
- Additionally, the perfect matching between the **PROCUT** screws and the

wooden substrate, once its fibres return to their original position, increases the mechanical strength of joints and the load capacity of the fasteners over their lifespan.

The **PROCUT** system is supported by the dedicated computational module EASYFIX – WOOD which optimises designing of joints in wooden structures and follows the relevant guidelines of the applicable European standards.







R-PTK

 \wedge

Milling point

on assembly.

reduces the amount of

time and energy spent

Full thread

constructions.

is ideal for connections

and reinforcements

of supporting wood





Pockets under the head – allow an aesthetic finish in any wood or wood-based material.

Cvlindrical head for deeply embedded installation.



Double thread

with different pitch

creates an additional

pressure effect on

the fixed element.



Milling ribs enable quick screw introduction and press wood fibers without destroying them and using their natural elasticity











connection

PROCUT screws for joining wooden structural elements

DESIGNING OF WOODEN STRUCTURES V



The WOOD computational module of the EasyFix program enables you to calculate parameters of all the major joints in wooden structures