

## SELF-DRILLING DOWEL

### TAPERED TIP

The new tapered self-perforating tip minimises insertion times in timber-to-metal connection systems and guarantees applications in hard-to-reach positions (reduced application force).

### GREATER STRENGTH

Higher shear strengths than the previous version.  
The 0.30 inch (7,5 mm) diameter ensures higher shear strengths than other solutions on the market and enables optimisation of the number of fasteners.

### DOUBLE THREAD

The thread close to the tip ( $b_1$ ) facilitates screwing. The longer under-head thread ( $b_2$ ) allows quick and precise closing of the joint.

### CYLINDRICAL HEAD

It allows the dowel to penetrate beyond the surface of the timber substrate. It ensures an optimal appearance and meets fire-strength requisites.

MY PROJECT

SOFTWARE

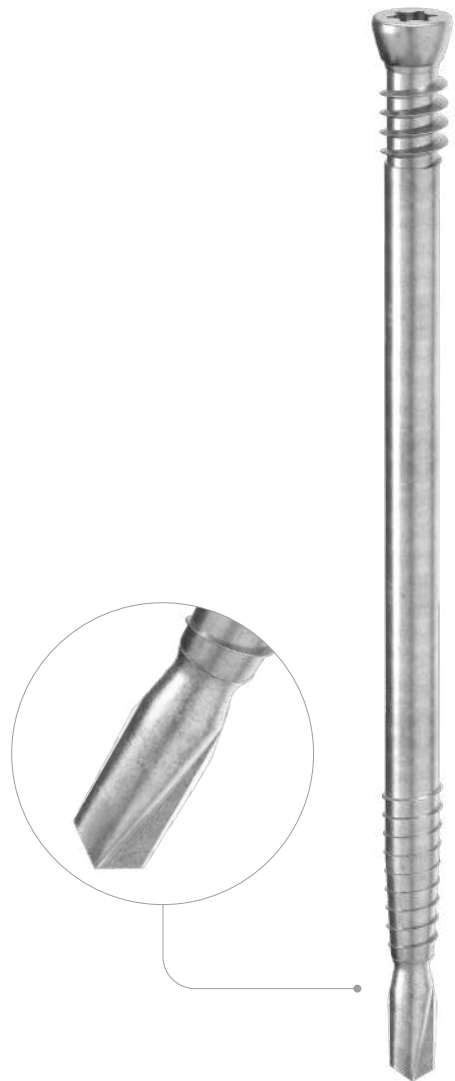
VIDEO

VIDEO

BIT INCLUDED

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DIAMETER [in]	0.14	0.30	0.32
LENGTH [in]	1	2 3/16	9 1/4
EXPOSURE CONDITION	EC1	EC2	EC3
ATMOSPHERIC CORROSIVITY	C1	C2	C3
WOOD CORROSIVITY	T1	T2	T3
MATERIAL	<div> <div>Zn ELECTRO PLATED</div> <div>electrogalvanized carbon steel</div> </div>		



### VIDEO

Scan the QR Code and watch the video on our YouTube channel

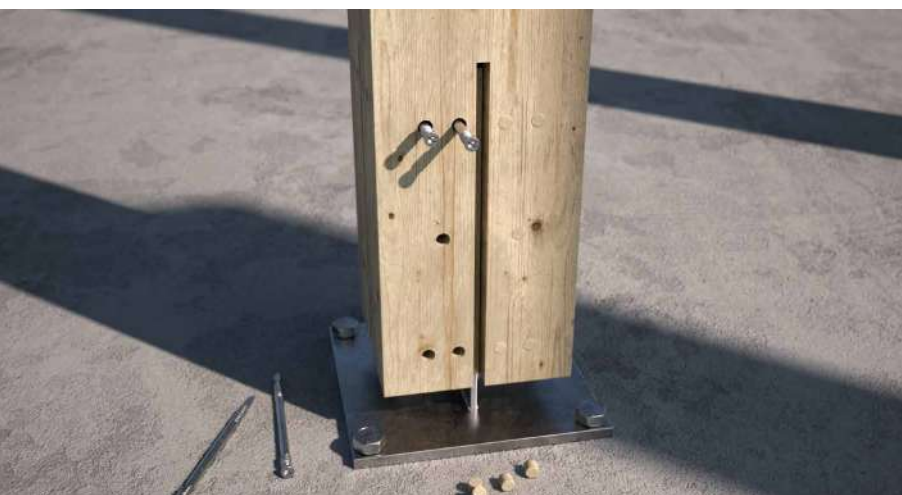


## FIELDS OF USE

Self-drilling system for concealed timber-to-steel joints.

It can be used with screw guns running at 600-2100 rpm, minimum applied force 55 lbs | 25 kg, with:

- steel S235  $\leq 3/8"$
- steel S275  $\leq 3/8"$
- steel S355  $\leq 3/8"$
- ALUMINI, ALUMIDI and ALUMAXI brackets



## MOMENT RESTORING

It restores shear and moment forces in concealed centreline joints of large beams.

## EXCEPTIONAL SPEED

The only dowel that drills a 3/16" thick S355 plate in 20 seconds (horizontal application with an applied force of 55 lbs | 25 kg). No self-drilling pin exceeds the application speed of the SBD with its new tip.