

SUPER FAST TIMBER STRUCTURAL SCREW



For High - Load Beam - to - Frame & Roof Truss Connections

Wafer Head

**Aggressive Sharp Thread
Instant Grip
Hassle-Free Driving**

20% Lower Driving Torque

30% Faster Installation



**Precision - Formed Full - to - Tip Threads
Accelerates Fast Installation**

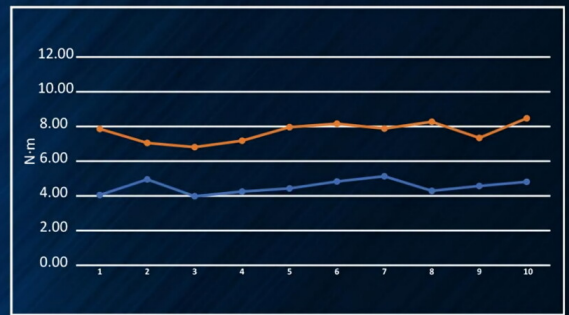
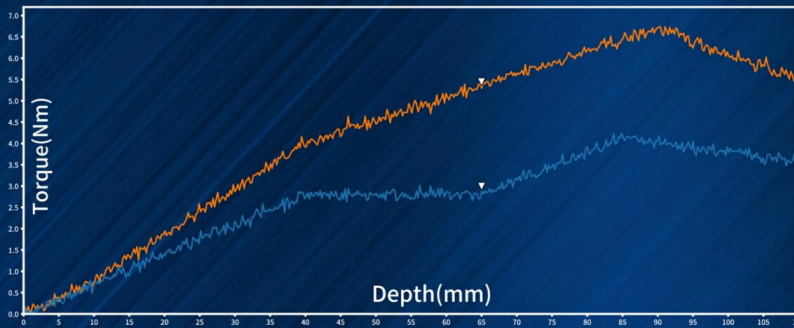
**Suitable for
Multiple Timber
Materials**



www.ecindustry.com



Benchmarking Test for Insert Torque



— EC Super - Fast Structural Timber Screw — Traditional Structural Timber Screw



Super - Fast Structural Timber Screw

Geometric Properties	Nominal Ø [mm]	6.0	8.0	10.0
	Shaft Øs [mm]	4.3	5.8	7.0
	Inner Øi [mm]	3.9	5.3	6.4
Mechanical Properties	Tensile Rm [Mpa]	≥800		
	Yield Rp0.2 [Mpa]	≥640		
	Shear τ[KN]	3.2	6.4	9.5
	Surface Hardness [HV]	450~650		
	Core Hardness [HV]	320~450		
	Torque [N·m]	≥11.0	≥28.0	≥40.0
	Bending [°]	≥45°		

Geometric Properties						
Nominal Ø [mm]	Drive	dk	D	Lc	LT	L
6.0	TX30	Ø14.50 ~ Ø16.10	Ø5.80 ~ Ø6.20	Ø11.0~Ø13.0	25~75	40~300
8.0	TX40	Ø20.50 ~ Ø23.50	Ø7.60 ~ Ø8.25	Ø11.0~Ø13.0	35~100	60~600
10.0	TX40	Ø23.50 ~ Ø26.50	Ø9.60 ~ Ø10.25	Ø11.0~Ø13.0	50~100	80~600
Material	Carbon Steel					
Coating	Zinc Passivation & Wax					
Point	Type 17					

Size	Length	Head	Drive	Material	Finish	Thread Feature	Slot & Tip
M6	80-280mm	Wafer	Torx T30	Carbon Steel	Blue Zinc Passivation & Wax	Coarse Thread	Single Type 17 Slot / Auger Point
M8	80-400mm	Wafer	Torx T40	Carbon Steel	Blue Zinc Passivation & Wax	Coarse Thread	Single Type 17 Slot / Auger Point
M10	80-400mm	Wafer	Torx T40	Carbon Steel	Blue Zinc Passivation & Wax	Coarse Thread	Single Type 17 Slot / Auger Point