



DESCRIPTION

- Elite performance self-drilling & low-torque woodscrews
- Proprietary self-drilling thread - no pilot hole needed
- Proprietary drill/drive shank for faster drive, reduced splitting and 'jacking' of the timber, increased pull-out and firmer fix
- A deep Torx® compatible head ensures reduced cam-out, higher torque levels and a firmer drive
- Improved countersinking from recessed ribs
- A Non-Cr, Cr3+, yellow/zinc plated surface is environmentally friendly
- Elementech 400 surface coating provides corrosion resistance
- Flexes to 35° reducing likelihood of screw shearing
- Capable of penetrating 0.8mm steel

APPLICATIONS

- Suitable for interior use, ideal for fixing into most wood applications

CE APPROVED



- Tested to European inspection and certification standards EN 14592:2008+A1:2012

Protected by



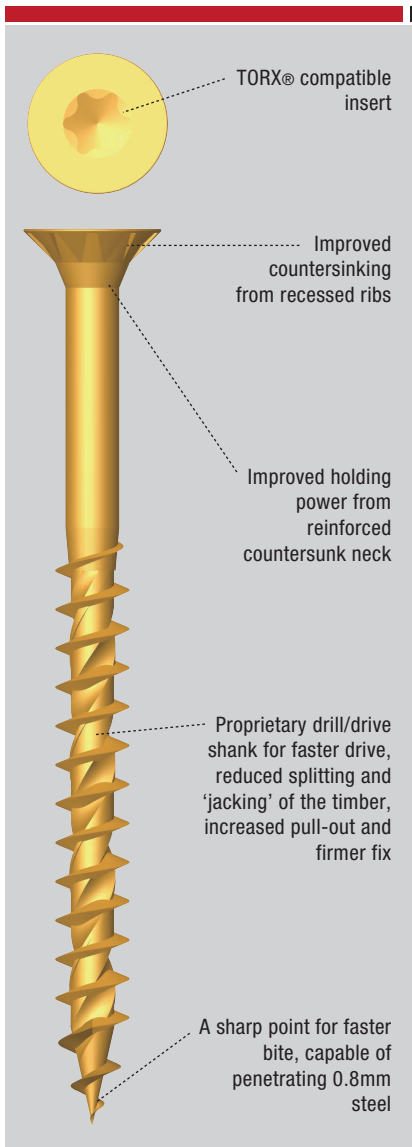
elementech
400

400 Hour Salt Spray Tested

PRODUCT OVERVIEW

Code	Diameter (mm)	Length (mm)	Head	Recess	Finish	Box Qty	Tub Qty
FFT312Y	3.0	12	Countersunk	Torx®	Elementech	200	•
FFT316Y	3.0	16	Countersunk	Torx®	Elementech	200	•
FFT318Y(T)	3.0	18	Countersunk	Torx®	Elementech	•	2200
FFT320Y	3.0	20	Countersunk	Torx®	Elementech	200	•
FFT325Y	3.0	25	Countersunk	Torx®	Elementech	200	•
FFT330Y	3.0	30	Countersunk	Torx®	Elementech	200	•
FFT3512Y(T)	3.5	12	Countersunk	Torx®	Elementech	200	2200
FFT3516Y	3.5	16	Countersunk	Torx®	Elementech	200	•
FFT3520Y	3.5	20	Countersunk	Torx®	Elementech	200	•
FFT3525Y(T)	3.5	25	Countersunk	Torx®	Elementech	200	1200
FFT3530Y(T)	3.5	30	Countersunk	Torx®	Elementech	200	1600
FFT3540Y	3.5	40	Countersunk	Torx®	Elementech	200	•
FFT3550Y	3.5	50	Countersunk	Torx®	Elementech	200	•
FFT416Y(T)	4.0	16	Countersunk	Torx®	Elementech	200	1600
FFT420Y(T)	4.0	20	Countersunk	Torx®	Elementech	200	1800
FFT425Y(T)	4.0	25	Countersunk	Torx®	Elementech	200	1600
FFT430Y(T)	4.0	30	Countersunk	Torx®	Elementech	200	1400
FFT435Y	4.0	35	Countersunk	Torx®	Elementech	200	•
FFT440Y(T)	4.0	40	Countersunk	Torx®	Elementech	200	1200
FFT445Y	4.0	45	Countersunk	Torx®	Elementech	200	•
FFT450Y(T)	4.0	50	Countersunk	Torx®	Elementech	200	900
FFT460Y(T)	4.0	60	Countersunk	Torx®	Elementech	100	700
FFT470Y(T)	4.0	70	Countersunk	Torx®	Elementech	100	600
FFT4520Y(T)	4.5	20	Countersunk	Torx®	Elementech	200	1200
FFT4525Y(T)	4.5	25	Countersunk	Torx®	Elementech	200	1000
FFT4530Y	4.5	30	Countersunk	Torx®	Elementech	200	•
FFT4540Y	4.5	40	Countersunk	Torx®	Elementech	200	•
FFT4550Y	4.5	50	Countersunk	Torx®	Elementech	200	•
FFT4560Y	4.5	60	Countersunk	Torx®	Elementech	100	•
FFT4570Y	4.5	70	Countersunk	Torx®	Elementech	100	•
FFT4580Y	4.5	80	Countersunk	Torx®	Elementech	100	•
FFT520Y(T)	5.0	20	Countersunk	Torx®	Elementech	200	1200
FFT525Y	5.0	25	Countersunk	Torx®	Elementech	200	•
FFT530Y(T)	5.0	30	Countersunk	Torx®	Elementech	200	1000
FFT540Y(T)	5.0	40	Countersunk	Torx®	Elementech	200	800
FFT550Y(T)	5.0	50	Countersunk	Torx®	Elementech	200	600
FFT560Y(T)	5.0	60	Countersunk	Torx®	Elementech	100	500
FFT570Y(T)	5.0	70	Countersunk	Torx®	Elementech	100	450
FFT580Y(T)	5.0	80	Countersunk	Torx®	Elementech	100	400
FFT590Y(T)	5.0	90	Countersunk	Torx®	Elementech	100	350
FFT5100Y(T)	5.0	100	Countersunk	Torx®	Elementech	100	300
FFT5120Y	5.0	120	Countersunk	Torx®	Elementech	100	•
FFT640Y	6.0	40	Countersunk	Torx®	Elementech	100	•
FFT650Y	6.0	50	Countersunk	Torx®	Elementech	100	•
FFT660Y	6.0	60	Countersunk	Torx®	Elementech	100	•
FFT670Y	6.0	70	Countersunk	Torx®	Elementech	100	•
FFT680Y	6.0	80	Countersunk	Torx®	Elementech	100	•
FFT690Y	6.0	90	Countersunk	Torx®	Elementech	100	•
FFT6100Y	6.0	100	Countersunk	Torx®	Elementech	100	•
FFT6120Y	6.0	120	Countersunk	Torx®	Elementech	100	•
FFT6130Y	6.0	130	Countersunk	Torx®	Elementech	100	•
FFT6150Y	6.0	150	Countersunk	Torx®	Elementech	100	•
FFT6180Y	6.0	180	Countersunk	Torx®	Elementech	100	•
FFT6200Y	6.0	200	Countersunk	Torx®	Elementech	100	•
FFT6240Y	6.0	240	Countersunk	Torx®	Elementech	100	•
FFTPACK	Assorted		Countersunk	Torx®	Elementech	1800	•
OPFFT1000Y	Assorted		Countersunk	Torx®	Elementech	1000	•
OPFFT1200Y	Assorted		Countersunk	Torx®	Elementech	1200	•

(T) Tub



TECHNICAL INFORMATION

Size (mm)	Imperial Size	Insert Bit Size	Thread Length	Bending Torque Min.	Torsional Ratio	Tensile Strength
3.0 x 12	1/2" x 4	T10	Fully Threaded	1.70Nm	2.39	2.02kN
3.0 x 16	5/8" x 4	T10	Fully Threaded	1.70Nm	2.39	2.02kN
3.0 x 18	11/16" x 4	T10	Fully Threaded	1.70Nm	2.39	2.02kN
3.0 x 20	3/4" x 4	T10	Fully Threaded	1.70Nm	2.39	2.02kN
3.0 x 25	1" x 4	T10	Fully Threaded	1.70Nm	2.39	2.02kN
3.0 x 30	1 1/4" x 4	T10	Fully Threaded	1.70Nm	2.39	2.02kN
3.5 x 12	1/2" x 6	T15	Fully Threaded	2.30Nm	2.20	4.75kN
3.5 x 16	5/8" x 6	T15	Fully Threaded	2.30Nm	2.20	4.75kN
3.5 x 20	3/4" x 6	T15	Fully Threaded	2.30Nm	2.20	4.75kN
3.5 x 25	1" x 6	T15	Fully Threaded	2.30Nm	2.20	4.75kN
3.5 x 30	1 1/4" x 6	T15	Fully Threaded	2.30Nm	2.20	4.75kN
3.5 x 40	1 1/2" x 6	T15	30mm	2.30Nm	2.20	4.75kN
3.5 x 50	2" x 6	T15	30mm	2.30Nm	2.20	4.75kN
4.0 x 16	5/8" x 8	T20	Fully Threaded	3.40Nm	3.17	6.31kN
4.0 x 20	3/4" x 8	T20	Fully Threaded	3.40Nm	3.17	6.31kN
4.0 x 25	1" x 8	T20	Fully Threaded	3.40Nm	3.17	6.31kN
4.0 x 30	1 1/4" x 8	T20	Fully Threaded	3.40Nm	3.17	6.31kN
4.0 x 35	1 3/8" x 8	T20	Fully Threaded	3.40Nm	3.17	6.31kN
4.0 x 40	1 1/2" x 8	T20	30mm	3.40Nm	3.17	6.31kN
4.0 x 45	1 3/4" x 8	T20	30mm	3.40Nm	3.17	6.31kN
4.0 x 50	2" x 8	T20	30mm	3.40Nm	3.17	6.31kN
4.0 x 60	2 3/8" x 8	T20	40mm	3.40Nm	3.17	6.31kN
4.0 x 70	2 3/4" x 8	T20	40mm	3.40Nm	3.17	6.31kN
4.5 x 20	3/4" x 9	T25	Fully Threaded	4.60Nm	3.07	8.52kN
4.5 x 25	1" x 9	T25	Fully Threaded	4.60Nm	3.07	8.52kN
4.5 x 30	1 1/4" x 9	T25	Fully Threaded	4.60Nm	3.07	8.52kN
4.5 x 40	1 1/2" x 9	T25	30mm	4.60Nm	3.07	8.52kN
4.5 x 50	2" x 9	T25	30mm	4.60Nm	3.07	8.52kN
4.5 x 60	2 3/8" x 9	T25	40mm	4.60Nm	3.07	8.52kN
4.5 x 70	2 3/4" x 9	T25	40mm	4.60Nm	3.07	8.52kN
4.5 x 80	3 1/4" x 9	T25	50mm	4.60Nm	3.07	8.52kN
5.0 x 20	3/4" x 10	T25	Fully Threaded	6.70Nm	3.06	10.10kN
5.0 x 25	1" x 10	T25	Fully Threaded	6.70Nm	3.06	10.10kN
5.0 x 30	1 1/4" x 10	T25	Fully Threaded	6.70Nm	3.06	10.10kN
5.0 x 40	1 1/2" x 10	T25	30mm	6.70Nm	3.06	10.10kN
5.0 x 50	2" x 10	T25	30mm	6.70Nm	3.06	10.10kN
5.0 x 60	2 3/8" x 10	T25	40mm	6.70Nm	3.06	10.10kN
5.0 x 70	2 3/4" x 10	T25	40mm	6.70Nm	3.06	10.10kN
5.0 x 80	3 1/4" x 10	T25	50mm	6.70Nm	3.06	10.10kN
5.0 x 90	3 1/2" x 10	T25	60mm	6.70Nm	3.06	10.10kN
5.0 x 100	4" x 10	T25	60mm	6.70Nm	3.06	10.10kN
5.0 x 120	4 3/4" x 10	T25	60mm	6.70Nm	3.06	10.10kN
6.0 x 40	1 1/2" x 12	T30	30mm	11.30Nm	4.11	13.10kN
6.0 x 50	2" x 12	T30	30mm	11.30Nm	4.11	13.10kN
6.0 x 60	2 3/8" x 12	T30	40mm	11.30Nm	4.11	13.10kN
6.0 x 70	2 3/4" x 12	T30	40mm	11.30Nm	4.11	13.10kN
6.0 x 80	3 1/4" x 12	T30	50mm	11.30Nm	4.11	13.10kN
6.0 x 90	3 1/2" x 12	T30	60mm	11.30Nm	4.11	13.10kN
6.0 x 100	4" x 12	T30	70mm	11.30Nm	4.11	13.10kN
6.0 x 120	4 3/4" x 12	T30	70mm	11.30Nm	4.11	13.10kN
6.0 x 130	5 1/4" x 12	T30	70mm	11.30Nm	4.11	13.10kN
6.0 x 150	6" x 12	T30	70mm	11.30Nm	4.11	13.10kN
6.0 x 180	7" x 12	T30	70mm	11.30Nm	4.11	13.10kN
6.0 x 200	7 3/4" x 12	T30	70mm	11.30Nm	4.11	13.10kN
6.0 x 240	9 1/2" x 12	T30	70mm	11.30Nm	4.11	13.10kN

- **Material:** C1022
- **Case Hardness:** 450-600 HV
- **Core Hardness:** 280-400 HV

	dk	d1	d2	ds	d3	P	t	n	k	
M3.0	MIN.	5.5	2.7	1.9	2.20	0.08	1.5	1.01	2.82	0.28
	MAX.	5.8	3.2	2.1	2.25	0.08	1.5	1.30	2.82	0.28
M3.5	MIN.	6.4	3.3	2.3	2.60	0.10	1.8	1.30	3.35	0.33
	MAX.	6.7	3.7	2.5	2.65	0.10	1.8	1.60	3.35	0.33
M4.0	MIN.	7.4	3.7	2.6	2.90	0.10	2.0	1.40	3.94	0.41
	MAX.	7.7	4.2	2.8	2.95	0.10	2.0	1.70	3.94	0.41
M4.5	MIN.	8.2	4.2	2.8	3.25	0.12	2.2	1.70	4.52	0.39
	MAX.	8.5	4.7	3.1	3.30	0.12	2.2	2.00	4.52	0.39
M5.0	MIN.	9.2	4.7	3.2	3.60	0.12	2.6	1.90	4.52	0.46
	MAX.	9.5	5.2	3.5	3.65	0.12	2.6	2.30	4.52	0.46
M6.0	MIN.	10.9	5.7	3.9	4.35	0.12	3.1	2.02	5.61	0.56
	MAX.	11.4	6.3	4.2	4.45	0.12	3.1	2.40	5.61	0.56

