

FORGEFAST
ELITE PERFORMANCE SCREWS
ANTI-SPLIT & FAST START



DESCRIPTION

- Elite performance anti-split & fast-start woodscrews
- Double cutting point reduces splitting and drive time
- Serrated cutting thread improves pull out and reduces torque for a faster firmer fix
- Reinforced countersunk neck provides holding power
- Improved countersinking from 6 angled lobes
- Universally accepted Pozi® compatible head
- A Non-Cr, Cr3+, yellow/zinc plated surface is environmentally friendly
- Elementech 400 surface coating provides corrosion resistance
- Anti friction prevents jacking, rotation and splitting
- 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



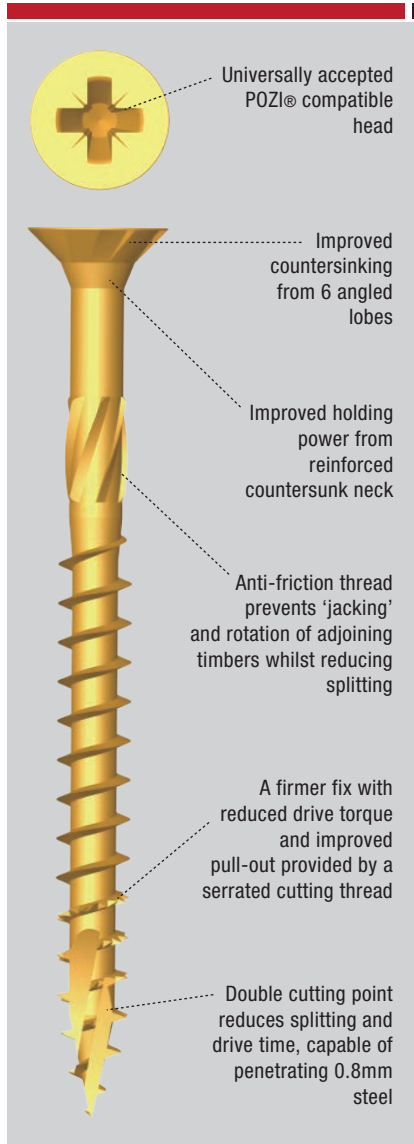
elementech
400

400 Hour Salt Spray Tested

PRODUCT OVERVIEW

Code	Diameter (mm)	Length (mm)	Head	Recess	Finish	Box Qty	Tub Qty
FFP312Y	3.0	12	Countersunk	Pozi®	Elementech	200	•
FFP316Y	3.0	16	Countersunk	Pozi®	Elementech	200	•
FFP320Y	3.0	20	Countersunk	Pozi®	Elementech	200	•
FFP325Y	3.0	25	Countersunk	Pozi®	Elementech	200	•
FFP330Y	3.0	30	Countersunk	Pozi®	Elementech	200	•
FFP3516Y	3.5	16	Countersunk	Pozi®	Elementech	200	•
FFP3520Y	3.5	20	Countersunk	Pozi®	Elementech	200	•
FFP3525Y	3.5	25	Countersunk	Pozi®	Elementech	200	•
FFP3530Y(T)	3.5	30	Countersunk	Pozi®	Elementech	200	1600
FFP3540Y	3.5	40	Countersunk	Pozi®	Elementech	200	•
FFP3550Y	3.5	50	Countersunk	Pozi®	Elementech	200	•
FFP416Y	4.0	16	Countersunk	Pozi®	Elementech	200	•
FFP420Y(T)	4.0	20	Countersunk	Pozi®	Elementech	200	1800
FFP425Y(T)	4.0	25	Countersunk	Pozi®	Elementech	200	1600
FFP430Y(T)	4.0	30	Countersunk	Pozi®	Elementech	200	1400
FFP435Y	4.0	35	Countersunk	Pozi®	Elementech	200	•
FFP440Y(T)	4.0	40	Countersunk	Pozi®	Elementech	200	1200
FFP445Y	4.0	45	Countersunk	Pozi®	Elementech	200	•
FFP450Y(T)	4.0	50	Countersunk	Pozi®	Elementech	200	900
FFP460Y(T)	4.0	60	Countersunk	Pozi®	Elementech	100	700
FFP470Y(T)	4.0	70	Countersunk	Pozi®	Elementech	100	600
FFP4530Y	4.5	30	Countersunk	Pozi®	Elementech	200	•
FFP4540Y	4.5	40	Countersunk	Pozi®	Elementech	200	•
FFP4550Y	4.5	50	Countersunk	Pozi®	Elementech	200	•
FFP4560Y	4.5	60	Countersunk	Pozi®	Elementech	100	•
FFP4570Y	4.5	70	Countersunk	Pozi®	Elementech	100	•
FFP4580Y	4.5	80	Countersunk	Pozi®	Elementech	100	•
FFP525Y	5.0	25	Countersunk	Pozi®	Elementech	200	•
FFP530Y	5.0	30	Countersunk	Pozi®	Elementech	200	•
FFP540Y(T)	5.0	40	Countersunk	Pozi®	Elementech	200	800
FFP550Y(T)	5.0	50	Countersunk	Pozi®	Elementech	200	600
FFP560Y(T)	5.0	60	Countersunk	Pozi®	Elementech	100	500
FFP570Y(T)	5.0	70	Countersunk	Pozi®	Elementech	100	450
FFP580Y(T)	5.0	80	Countersunk	Pozi®	Elementech	100	400
FFP590Y(T)	5.0	90	Countersunk	Pozi®	Elementech	100	350
FFP5100Y(T)	5.0	100	Countersunk	Pozi®	Elementech	100	300
FFP5120Y	5.0	120	Countersunk	Pozi®	Elementech	100	•
FFP640Y	6.0	40	Countersunk	Pozi®	Elementech	100	•
FFP650Y	6.0	50	Countersunk	Pozi®	Elementech	100	•
FFP660Y	6.0	60	Countersunk	Pozi®	Elementech	100	•
FFP670Y	6.0	70	Countersunk	Pozi®	Elementech	100	•
FFP680Y	6.0	80	Countersunk	Pozi®	Elementech	100	•
FFP690Y	6.0	90	Countersunk	Pozi®	Elementech	100	•
FFP6100Y	6.0	100	Countersunk	Pozi®	Elementech	100	•
FFP6120Y	6.0	120	Countersunk	Pozi®	Elementech	100	•
FFP6130Y	6.0	130	Countersunk	Pozi®	Elementech	100	•
FFP6150Y	6.0	150	Countersunk	Pozi®	Elementech	100	•
FFP6180Y	6.0	180	Countersunk	Pozi®	Elementech	100	•
FFP6200Y	6.0	200	Countersunk	Pozi®	Elementech	100	•
FFP6240Y	6.0	240	Countersunk	Pozi®	Elementech	100	•
FFPPACK	Assorted		Countersunk	Pozi®	Elementech	1800	•
OPFFP1000Y	Assorted		Countersunk	Pozi®	Elementech	1000	•
OPFFP1200Y	Assorted		Countersunk	Pozi®	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	PZ1	Fully Threaded	1.70Nm	2.39	2.02kN
3.0 x 16	5/8" x 4	PZ1	Fully Threaded	1.70Nm	2.39	2.02kN
3.0 x 20	3/4" x 4	PZ1	Fully Threaded	1.70Nm	2.39	2.02kN
3.0 x 25	1" x 4	PZ1	Fully Threaded	1.70Nm	2.39	2.02kN
3.0 x 30	1 1/4" x 4	PZ1	Fully Threaded	1.70Nm	2.39	2.02kN
3.5 x 16	5/8" x 6	PZ2	Fully Threaded	2.30Nm	2.20	4.75kN
3.5 x 20	3/4" x 6	PZ2	Fully Threaded	2.30Nm	2.20	4.75kN
3.5 x 25	1" x 6	PZ2	Fully Threaded	2.30Nm	2.20	4.75kN
3.5 x 30	1 1/4" x 6	PZ2	Fully Threaded	2.30Nm	2.20	4.75kN
3.5 x 40	1 1/2" x 6	PZ2	30mm	2.30Nm	2.20	4.75kN
3.5 x 50	2" x 6	PZ2	30mm	2.30Nm	2.20	4.75kN
4.0 x 16	5/8" x 8	PZ2	Fully Threaded	3.40Nm	3.17	6.31kN
4.0 x 20	3/4" x 8	PZ2	Fully Threaded	3.40Nm	3.17	6.31kN
4.0 x 25	1" x 8	PZ2	Fully Threaded	3.40Nm	3.17	6.31kN
4.0 x 30	1 1/4" x 8	PZ2	Fully Threaded	3.40Nm	3.17	6.31kN
4.0 x 35	1 3/8" x 8	PZ2	Fully Threaded	3.40Nm	3.17	6.31kN
4.0 x 40	1 1/2" x 8	PZ2	30mm	3.40Nm	3.17	6.31kN
4.0 x 45	1 3/4" x 8	PZ2	30mm	3.40Nm	3.17	6.31kN
4.0 x 50	2" x 8	PZ2	30mm	3.40Nm	3.17	6.31kN
4.0 x 60	2 3/8" x 8	PZ2	40mm	3.40Nm	3.17	6.31kN
4.0 x 70	2 3/4" x 8	PZ2	40mm	3.40Nm	3.17	6.31kN
4.5 x 30	1 1/4" x 9	PZ2	Fully Threaded	4.60Nm	3.07	8.52kN
4.5 x 40	1 1/2" x 9	PZ2	30mm	4.60Nm	3.07	8.52kN
4.5 x 50	2" x 9	PZ2	30mm	4.60Nm	3.07	8.52kN
4.5 x 60	2 3/8" x 9	PZ2	40mm	4.60Nm	3.07	8.52kN
4.5 x 70	2 3/4" x 9	PZ2	40mm	4.60Nm	3.07	8.52kN
4.5 x 80	3 1/4" x 9	PZ2	50mm	4.60Nm	3.07	8.52kN
5.0 x 25	1" x 10	PZ2	Fully Threaded	6.70Nm	3.06	10.10kN
5.0 x 30	1 1/4" x 10	PZ2	Fully Threaded	6.70Nm	3.06	10.10kN
5.0 x 40	1 1/2" x 10	PZ2	30mm	6.70Nm	3.06	10.10kN
5.0 x 50	2" x 10	PZ2	30mm	6.70Nm	3.06	10.10kN
5.0 x 60	2 3/8" x 10	PZ2	40mm	6.70Nm	3.06	10.10kN
5.0 x 70	2 3/4" x 10	PZ2	40mm	6.70Nm	3.06	10.10kN
5.0 x 80	3 1/4" x 10	PZ2	50mm	6.70Nm	3.06	10.10kN
5.0 x 90	3 1/2" x 10	PZ2	60mm	6.70Nm	3.06	10.10kN
5.0 x 100	4" x 10	PZ2	60mm	6.70Nm	3.06	10.10kN
5.0 x 120	4 3/4" x 10	PZ2	60mm	6.70Nm	3.06	10.10kN
6.0 x 40	1 1/2" x 12	PZ3	30mm	11.30Nm	4.11	13.10kN
6.0 x 50	2" x 12	PZ3	30mm	11.30Nm	4.11	13.10kN
6.0 x 60	2 3/8" x 12	PZ3	40mm	11.30Nm	4.11	13.10kN
6.0 x 70	2 3/4" x 12	PZ3	40mm	11.30Nm	4.11	13.10kN
6.0 x 80	3 1/4" x 12	PZ3	50mm	11.30Nm	4.11	13.10kN
6.0 x 90	3 1/2" x 12	PZ3	60mm	11.30Nm	4.11	13.10kN
6.0 x 100	4" x 12	PZ3	70mm	11.30Nm	4.11	13.10kN
6.0 x 120	4 3/4" x 12	PZ3	70mm	11.30Nm	4.11	13.10kN
6.0 x 130	5 1/4" x 12	PZ3	70mm	11.30Nm	4.11	13.10kN
6.0 x 150	6" x 12	PZ3	70mm	11.30Nm	4.11	13.10kN
6.0 x 180	7" x 12	PZ3	70mm	11.30Nm	4.11	13.10kN
6.0 x 200	7 3/4" x 12	PZ3	70mm	11.30Nm	4.11	13.10kN
6.0 x 240	9 1/2" x 12	PZ3	70mm	11.30Nm	4.11	13.10kN

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

		dk	c	d1	d2	ds	d3	d4	P	Q	m
M3.0	MIN.	5.5	0.6	2.7	1.80	2.20	-	-	1.5	1.80	3.2
	MAX.	5.8	0.9	3.1	2.05	2.25	-	-	1.5	2.10	3.2
M3.5	MIN.	6.4	0.7	3.3	2.20	2.60	-	-	1.8	2.10	4.3
	MAX.	6.7	1.0	4.6	2.40	2.65	-	-	1.8	2.51	4.3
M4.0	MIN.	7.4	0.7	3.7	2.50	2.90	3.2	2.7	2.0	2.60	5.0
	MAX.	7.7	1.0	4.1	2.70	2.95	3.6	2.7	2.0	2.92	5.0
M4.5	MIN.	8.2	0.8	4.2	2.7	3.25	3.6	3.0	2.2	2.90	5.2
	MAX.	8.5	1.1	4.6	3.0	3.30	4.0	3.0	2.2	3.20	5.2
M5.0	MIN.	9.2	0.9	4.7	3.1	3.60	4.0	3.4	2.6	3.10	5.4
	MAX.	9.5	1.2	5.1	3.4	3.65	4.4	3.4	2.6	3.45	5.4
M6.0	MIN.	10.9	1.1	5.7	3.8	4.35	4.5	3.9	3.1	3.50	7.0
	MAX.	11.4	1.4	6.2	4.1	4.45	4.9	3.9	3.1	3.84	7.0

