

PRODUCT DATA SHEET

TECHFAST ROOFING SCREW - SHEET TO STEEL



DESCRIPTION

- Roofing and Cladding Sheet to Steel
- No.3 drill tip for self-drilling in light gauge steel up to 5mm
- No.5 drill tip for self-drilling in heavy gauge steel up to 12.5mm
- 8mm hex head
- Complete with 16mm EPDM rubber washer
- Fire and corrosion resistant, protected by Elementech corrosion resistant coating, salt spray tested to 1000 hours
- Complies with EU Safety, Health and Environmental requirements

APPLICATIONS

- Used for joining metal roofing panels to steel frame buildings

CE APPROVED

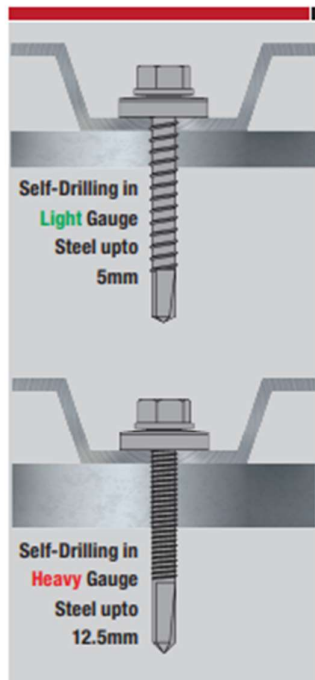


- Tested to European inspection and certification standards EN 14566:2008+A1:2009



PRODUCT OVERVIEW

Code	Diameter (mm)	Length (mm)	Head	Finish	Box Qty	Bag Qty
● TFHW16SD5525L	5.5	25	Hex	Elementech	100	•
● TFHW16SD5532L	5.5	32	Hex	Elementech	100	•
● TFHW16SD5538L	5.5	38	Hex	Elementech	100	•
● TFHW16SD5545L	5.5	45	Hex	Elementech	100	•
● TFHW16SD5550L	5.5	50	Hex	Elementech	100	•
● TFHW16SD5560L	5.5	60	Hex	Elementech	100	•
● TFHW16SD5570L	5.5	70	Hex	Elementech	100	•
● TFHW16SD5575L	5.5	75	Hex	Elementech	100	•
● TFHW16SD55100L	5.5	100	Hex	Elementech	100	•
● TFHW16SD5532H	5.5	32	Hex	Elementech	100	•
● TFHW16SD5540H	5.5	40	Hex	Elementech	100	•
● TFHW16SD5550H	5.5	50	Hex	Elementech	100	•
● TFHW16SD5560H	5.5	60	Hex	Elementech	100	•
● TFHW16SD5565H	5.5	65	Hex	Elementech	100	•
● TFHW16SD5570H	5.5	70	Hex	Elementech	100	•
● TFHW16SD5580H	5.5	80	Hex	Elementech	100	•
● TFHW16SD55100H	5.5	100	Hex	Elementech	100	•
● TFHW16SD55120H	5.5	120	Hex	Elementech	50	•
● TFHL5525	5.5	25	Hex	Elementech	•	100
● TFHL5532	5.5	32	Hex	Elementech	•	100
● TFHL5538	5.5	38	Hex	Elementech	•	100
● TFHL5545	5.5	45	Hex	Elementech	•	100
● TFHL5557	5.5	57	Hex	Elementech	•	50
● TFHL5570	5.5	70	Hex	Elementech	•	50
● TFHH5532	5.5	32	Hex	Elementech	•	100
● TFHH5535	5.5	35	Hex	Elementech	•	100
● TFHH5538	5.5	38	Hex	Elementech	•	100
● TFHH5551	5.5	51	Hex	Elementech	•	100
● TFHH5560	5.5	60	Hex	Elementech	•	50
● TFHH5580	5.5	80	Hex	Elementech	•	50

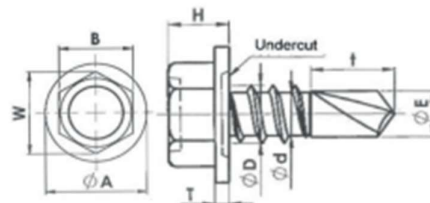


TECHNICAL INFORMATION

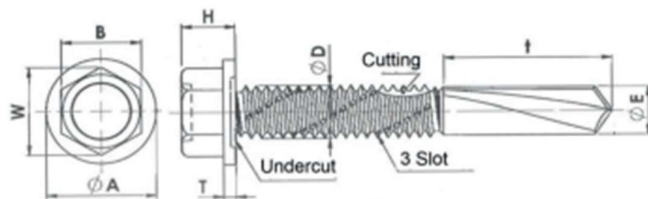
Size (mm)	Drill Point	Steel Thickness	Effective Thread Length	Clamping Thickness	Recommended Drill Speed (RPM)	Torque	Tensile Strength	Shear Strength
5.5 x 25	No.3	1.2-5.0mm	8mm	8mm	1500-2500	120KG Min.	15.0kN	10.3kN
5.5 x 32	No.3	1.2-5.0mm	15mm	15mm	1500-2500	120KG Min.	15.0kN	10.3kN
5.5 x 38	No.3	1.2-5.0mm	21mm	21mm	1500-2500	120KG Min.	15.0kN	10.3kN
5.5 x 45	No.3	1.2-5.0mm	28mm	28mm	1500-2500	120KG Min.	15.0kN	10.3kN
5.5 x 50	No.3	1.2-5.0mm	33mm	33mm	1500-2500	120KG Min.	15.0kN	10.3kN
5.5 x 57	No.3	1.2-5.0mm	40mm	40mm	1500-2500	120KG Min.	15.0kN	10.3kN
5.5 x 60	No.3	1.2-5.0mm	43mm	43mm	1500-2500	120KG Min.	15.0kN	10.3kN
5.5 x 70	No.3	1.2-5.0mm	53mm	53mm	1500-2500	120KG Min.	15.0kN	10.3kN
5.5 x 75	No.3	1.2-5.0mm	58mm	58mm	1500-2500	120KG Min.	15.0kN	10.3kN
5.5 x 100	No.3	1.2-5.0mm	83mm	83mm	1500-2500	120KG Min.	15.0kN	10.3kN
5.5 x 32	No.5	4.0-12.5mm	9mm	7mm	1500-2500	120KG Min.	16.0kN	10.3kN
5.5 x 35	No.5	4.0-12.5mm	12mm	10mm	1500-2500	120KG Min.	16.0kN	10.3kN
5.5 x 38	No.5	4.0-12.5mm	15mm	13mm	1500-2500	120KG Min.	16.0kN	10.3kN
5.5 x 40	No.5	4.0-12.5mm	17mm	15mm	1500-2500	120KG Min.	16.0kN	10.3kN
5.5 x 50	No.5	4.0-12.5mm	27mm	25mm	1500-2500	120KG Min.	16.0kN	10.3kN
5.5 x 51	No.5	4.0-12.5mm	28mm	26mm	1500-2500	120KG Min.	16.0kN	10.3kN
5.5 x 60	No.5	4.0-12.5mm	37mm	35mm	1500-2500	120KG Min.	16.0kN	10.3kN
5.5 x 65	No.5	4.0-12.5mm	42mm	40mm	1500-2500	120KG Min.	16.0kN	10.3kN
5.5 x 70	No.5	4.0-12.5mm	47mm	45mm	1500-2500	120KG Min.	16.0kN	10.3kN
5.5 x 80	No.5	4.0-12.5mm	57mm	55mm	1500-2500	120KG Min.	16.0kN	10.3kN
5.5 x 100	No.5	4.0-12.5mm	77mm	75mm	1500-2500	120KG Min.	16.0kN	10.3kN
5.5 x 120	No.5	4.0-12.5mm	97mm	95mm	1500-2500	120KG Min.	16.0kN	10.3kN

- Material: C1022
- Surface Hardness: 595 HV Min.
- Core Hardness: 430 HV Max.
- Case Depth: 0.10 450 HV Min.

- Material: C1022
- Surface Hardness: 560 HV Min.
- Core Hardness: 430 HV Max.
- Case Depth: 0.15 450 HV Min.



	MS.5	
	MIN.	MAX.
A	10.00	11.00
B	7.78	8.00
W	8.71	8.71
H	5.15	5.45
T	1.00	1.25
D	5.28	5.46
f	7.30	9.00
E	4.55	4.70
d	3.99	4.19
Pitch	1.80	1.80



	MS.5	
	MIN.	MAX.
A	10.00	11.00
B	7.78	8.00
W	8.71	8.71
H	5.15	5.45
T	1.00	1.25
D	5.32	5.49
f	15.00	16.50
E	4.90	5.05
Shank	4.68	4.72
Pitch	1.06	1.06