



No.3 drill tip. Self-Drilling in light gauge steel up to 5mm



No.5 drill tip. Self-Drilling in heavy gauge steel up to 12.5mm

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

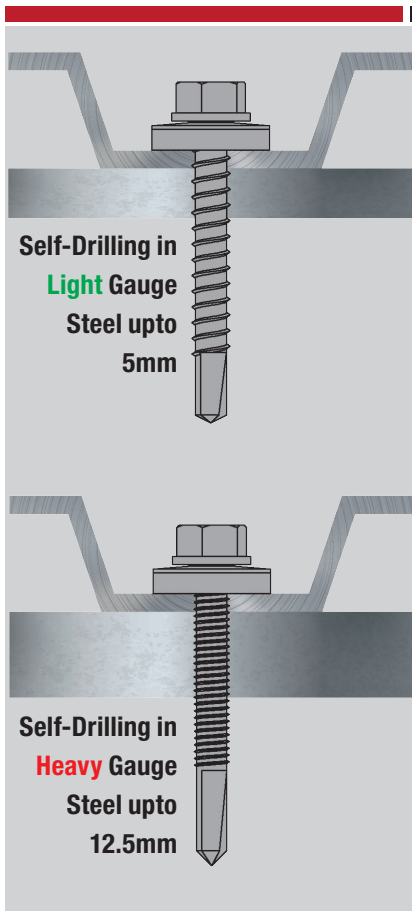
Code	Diameter (mm)	Length (mm)	Head	Finish	Box Qty	Bag Qty
● TFHW16SD5525L	5.5	25	Hex	Elementech	100	•
● TFHW16SD5532L	5.5	32	Hex	Elementech	100	•
● TFHW16SD5538L	5.5	38	Hex	Elementech	100	•
● TFHW16SD5545L	5.5	45	Hex	Elementech	100	•
● TFHW16SD5550L	5.5	50	Hex	Elementech	100	•
● TFHW16SD5560L	5.5	60	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

Protected by



elementech
1000

1000 Hour Salt Spray Tested

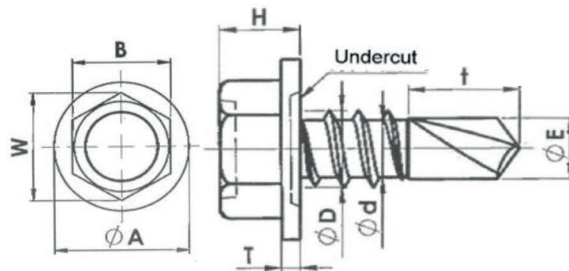


TECHNICAL INFORMATION

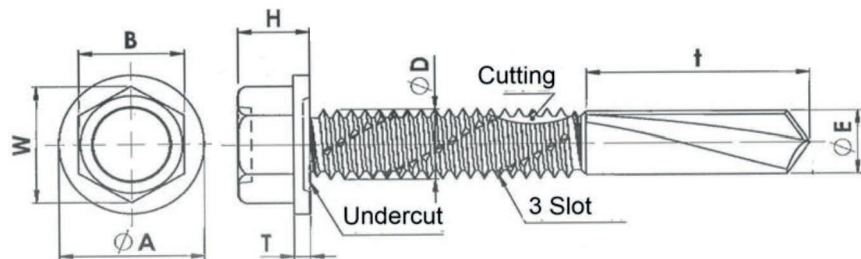
	Size (mm)	Drill Point	Steel Thickness	Effective Thread Length	Clamping Thickness	Recommended Drill Speed (RPM)	Torque	Tensile Strength	Shear Strength
●	5.5 x 25	No.3	1.2-5.0mm	8mm	8mm	1500-2500	120KG Min.	15.0kN	10.3kN
●	5.5 x 32	No.3	1.2-5.0mm	15mm	15mm	1500-2500	120KG Min.	15.0kN	10.3kN
●	5.5 x 38	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.



	M5.5	
	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
t	7.30	9.00
E	4.55	4.70
d	3.99	4.19
Pitch	1.80	1.80



	M5.5	
	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
t	15.00	16.50
E	4.90	5.05
Shank	4.68	4.72
Pitch	1.06	1.06