



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



No.5 drill tip. Self-Drilling in heavy gauge steel upto 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
- Without 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
TFHUWSD5525L	5.5	25	Hex	Elementech	100	•
TFHUWSD5532L	5.5	32	Hex	Elementech	100	•
TFHUWSD5538L	5.5	38	Hex	Elementech	100	•
TFHUWSD5545L	5.5	45	Hex	Elementech	100	•
TFHUWSD5550L	5.5	50	Hex	Elementech	100	•
TFHUWSD5557L	5.5	57	Hex	Elementech	100	•
TFHUWSD5570L	5.5	70	Hex	Elementech	100	•
TFHUWSD5575L	5.5	75	Hex	Elementech	100	•
TFHUWSD55100L	5.5	100	Hex	Elementech	100	•
TFHUWSD5532H	5.5	32	Hex	Elementech	100	•
TFHUWSD5540H	5.5	40	Hex	Elementech	100	•
TFHUWSD5550H	5.5	50	Hex	Elementech	100	•
TFHUWSD5560H	5.5	60	Hex	Elementech	100	•
TFHUWSD5570H	5.5	70	Hex	Elementech	100	•
TFHUWSD5580H	5.5	80	Hex	Elementech	100	•
TFHUWSD55100H	5.5	100	Hex	Elementech	100	•

Protected by



elementech
1000

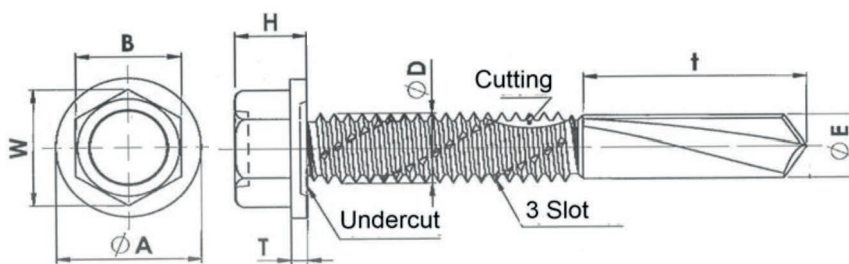
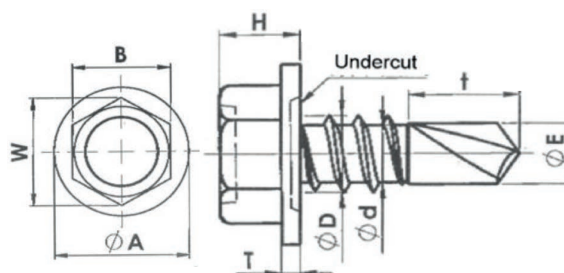
1000 Hour Salt Spray Tested

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	11mm	12mm	1500-2500	120KG Min.	15.0kN	10.3kN
●	5.5 x 32	No.3	1.2-5.0mm	18mm	19mm	1500-2500	120KG Min.	15.0kN	10.3kN
●	5.5 x 38	No.3	1.2-5.0mm	24mm	25mm	1500-2500	120KG Min.	15.0kN	10.3kN
●	5.5 x 45	No.3	1.2-5.0mm	31mm	32mm	1500-2500	120KG Min.	15.0kN	10.3kN
●	5.5 x 50	No.3	1.2-5.0mm	36mm	37mm	1500-2500	120KG Min.	15.0kN	10.3kN
●	5.5 x 57	No.3	1.2-5.0mm	43mm	44mm	1500-2500	120KG Min.	15.0kN	10.3kN
●	5.5 x 70	No.3	1.2-5.0mm	56mm	57mm	1500-2500	120KG Min.	15.0kN	10.3kN
●	5.5 x 75	No.3	1.2-5.0mm	61mm	62mm	1500-2500	120KG Min.	15.0kN	10.3kN
●	5.5 x 100	No.3	1.2-5.0mm	86mm	87mm	1500-2500	120KG Min.	15.0kN	10.3kN
●	5.5 x 32	No.5	4.0-12.5mm	13mm	11mm	1500-2500	120KG Min.	16.0kN	10.3kN
●	5.5 x 40	No.5	4.0-12.5mm	21mm	19mm	1500-2500	120KG Min.	16.0kN	10.3kN
●	5.5 x 50	No.5	4.0-12.5mm	31mm	29mm	1500-2500	120KG Min.	16.0kN	10.3kN
●	5.5 x 60	No.5	4.0-12.5mm	41mm	39mm	1500-2500	120KG Min.	16.0kN	10.3kN
●	5.5 x 70	No.5	4.0-12.5mm	51mm	49mm	1500-2500	120KG Min.	16.0kN	10.3kN
●	5.5 x 80	No.5	4.0-12.5mm	61mm	59mm	1500-2500	120KG Min.	16.0kN	10.3kN
●	5.5 x 100	No.5	4.0-12.5mm	81mm	79mm	1500-2500	120KG Min.	16.0kN	10.3kN

Self-Drilling in
Light Gauge
Steel upto
5mm

Self-Drilling in
Heavy Gauge
Steel upto
12.5mm



- **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