



DESCRIPTION

- Roofing and Cladding Composite Sheet to Steel
- Specially designed compression control thread to prevent damage and denting of panels
- 8mm hex head
- Complete with 16mm or 19mm 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 composite panels to steel frame buildings

CE APPROVED



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

PRODUCT OVERVIEW

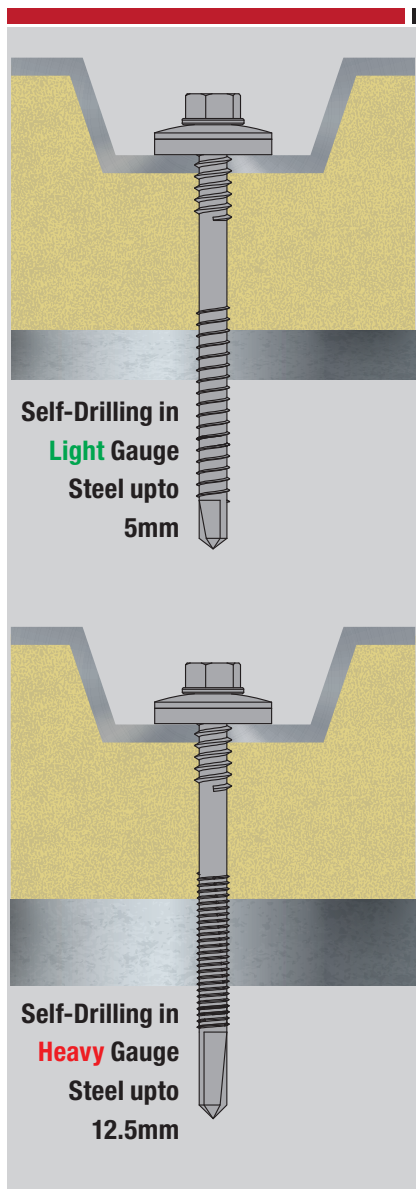
Code	Diameter (mm)	Length (mm)	Head	Washer (mm)	Finish	Box Qty
TFHW19CPSD5560L	5.5	60	Hex	19	Elementech	100
TFHW19CPSD5570L	5.5	70	Hex	19	Elementech	100
TFHW16CPSD5580L	5.5	80	Hex	16	Elementech	100
TFHW19CPSD5585L	5.5	85	Hex	19	Elementech	100
TFHW19CPSD55100L	5.5	100	Hex	19	Elementech	100
TFHW16CPSD55105L	5.5	105	Hex	16	Elementech	100
TFHW16CPSD55115L	5.5	115	Hex	16	Elementech	100
TFHW19CPSD55120L	5.5	120	Hex	19	Elementech	100
TFHW16CPSD55135L	5.5	135	Hex	16	Elementech	100
TFHW16CPSD55150L	5.5	150	Hex	16	Elementech	100
TFHW19CPSD55150L	5.5	150	Hex	19	Elementech	100
TFHW19CPSD55185L	5.5	185	Hex	19	Elementech	50
TFHW19CPSD55225L	5.5	225	Hex	19	Elementech	50
TFHW19CPSD5575H	5.5	75	Hex	19	Elementech	100
TFHW16CPSD5585H	5.5	85	Hex	16	Elementech	100
TFHW16CPSD55105H	5.5	105	Hex	16	Elementech	100
TFHW19CPSD55105H	5.5	105	Hex	19	Elementech	100
TFHW16CPSD55125H	5.5	125	Hex	16	Elementech	100
TFHW19CPSD55130H	5.5	130	Hex	19	Elementech	100
TFHW16CPSD55150H	5.5	150	Hex	16	Elementech	100
TFHW19CPSD55150H	5.5	150	Hex	19	Elementech	100
TFHW19CPSD55185H	5.5	185	Hex	19	Elementech	50
TFHW19CPSD55235H	5.5	235	Hex	19	Elementech	50

Protected by



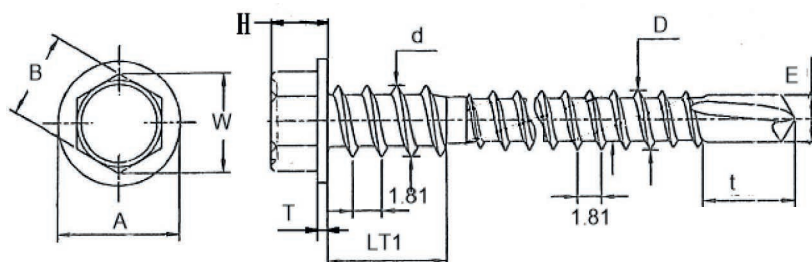
elementech
1000

1000 Hour Salt Spray Tested



TECHNICAL INFORMATION

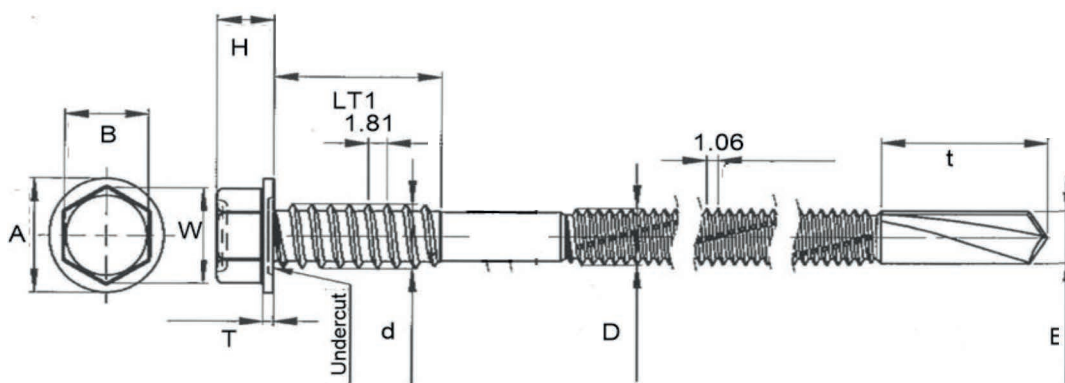
	Size (mm)	Drill Point	Steel Thickness	Insulation Thickness	Recommended Drill Speed (RPM)	Torque	Tensile Strength	Shear Strength
●	5.5 x 60	No.3	1.5-5.0mm	18-39mm	1500-2500	120KG Min.	14.0kN	10.3kN
●	5.5 x 70	No.3	1.5-5.0mm	28-49mm	1500-2500	120KG Min.	14.0kN	10.3kN
●	5.5 x 80	No.3	1.5-5.0mm	38-59mm	1500-2500	120KG Min.	14.0kN	10.3kN
●	5.5 x 85	No.3	1.5-5.0mm	43-64mm	1500-2500	120KG Min.	14.0kN	10.3kN
●	5.5 x 100	No.3	1.5-5.0mm	28-79mm	1500-2500	120KG Min.	14.0kN	10.3kN
●	5.5 x 105	No.3	1.5-5.0mm	33-84mm	1500-2500	120KG Min.	14.0kN	10.3kN
●	5.5 x 115	No.3	1.5-5.0mm	43-94mm	1500-2500	120KG Min.	14.0kN	10.3kN
●	5.5 x 120	No.3	1.5-5.0mm	33-99mm	1500-2500	120KG Min.	14.0kN	10.3kN
●	5.5 x 135	No.3	1.5-5.0mm	48-114mm	1500-2500	120KG Min.	14.0kN	10.3kN
●	5.5 x 150	No.3	1.5-5.0mm	63-129mm	1500-2500	120KG Min.	14.0kN	10.3kN
●	5.5 x 185	No.3	1.5-5.0mm	98-164mm	1500-2500	120KG Min.	14.0kN	10.3kN
●	5.5 x 225	No.3	1.5-5.0mm	138-204mm	1500-2500	120KG Min.	14.0kN	10.3kN
●	5.5 x 75	No.5	3.5-12.5mm	27-40mm	1500-2500	120KG Min.	20.0kN	12.7kN
●	5.5 x 85	No.5	3.5-12.5mm	37-50mm	1500-2500	120KG Min.	20.0kN	12.7kN
●	5.5 x 105	No.5	3.5-12.5mm	32-70mm	1500-2500	120KG Min.	20.0kN	12.7kN
●	5.5 x 125	No.5	3.5-12.5mm	32-90mm	1500-2500	120KG Min.	20.0kN	12.7kN
●	5.5 x 130	No.5	3.5-12.5mm	37-95mm	1500-2500	120KG Min.	20.0kN	12.7kN
●	5.5 x 150	No.5	3.5-12.5mm	57-115mm	1500-2500	120KG Min.	20.0kN	12.7kN
●	5.5 x 185	No.5	3.5-12.5mm	92-150mm	1500-2500	120KG Min.	20.0kN	12.7kN
●	5.5 x 235	No.5	3.5-12.5mm	142-200mm	1500-2500	120KG Min.	20.0kN	12.7kN



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	1.00
D	5.28	5.46
d	6.10	6.25
t	8.50	9.50
E	4.70	4.80
LT1	14.50	17.50
Pitch	1.81	1.81

- **Material:** C1022
- **Surface Hardness:** 0.02-0.05 595 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
d	7.30	9.00
t	4.55	4.70
E	3.99	4.19
LT1	1.80	1.80
Pitch	1.06	1.06