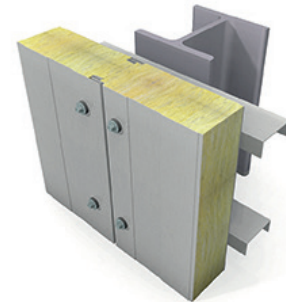


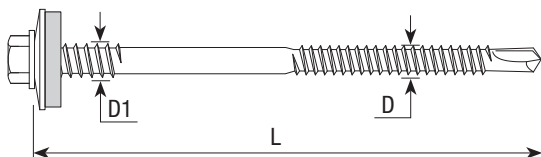


## E-X BOHR 3 HT 6,3/5,5xL with washer E19

Stainless self-drilling screws for fixing sandwich panels to the steel substrate



Product code	EAN code	D1/DxL	h min	h max	Max. drilling capacity	Head size	Washer diameter	Single box	Outer carton
		mm	mm	mm					
72061104	0000720611036	6,3/5,5 x 70	24	51	5,50	8	19	300	-
72061204	0000720612033	6,3/5,5 x 85	39	66	5,50	8	19	250	-
72061304	0000720613030	6,3/5,5 x 95	49	76	5,50	8	19	250	-
72061504	0000720615034	6,3/5,5 x 110	64	91	5,50	8	19	200	-
72061704	0000720617038	6,3/5,5 x 130	64	111	5,50	8	19	150	-
72061804	0000720618035	6,3/5,5 x 150	84	131	5,50	8	19	150	-
72061904	0000720619032	6,3/5,5 x 165	99	146	5,50	8	19	150	-
72062004	0000720620038	6,3/5,5 x 180	104	161	5,50	8	19	150	-
72062104	0000720621035	6,3/5,5 x 200	124	181	5,50	8	19	150	-
72062304	0000720623039	6,3/5,5 x 230	154	211	5,50	8	19	150	-
72062504	0000720625033	6,3/5,5 x 250	174	231	5,50	8	19	100	-
72062704	0000720627037	6,3/5,5 x 270	194	251	5,50	8	19	100	-
72062904	0000720629031	6,3/5,5 x 290	214	271	5,50	8	19	100	-



### MATERIALS:

- Screws are made of stainless steel with drilling point made of surface-hardened carbon steel, zinc plated
- Washer is made of stainless steel with vulcanized EPDM layer
- Screw heads and washers may be coated with lacquer coating

### INSTALLATION:

- Maximum drilling capacity in steel up to **5,50 mm**
- For installation, use cappers with a maximum speed of 1500 rpm with regulated torque

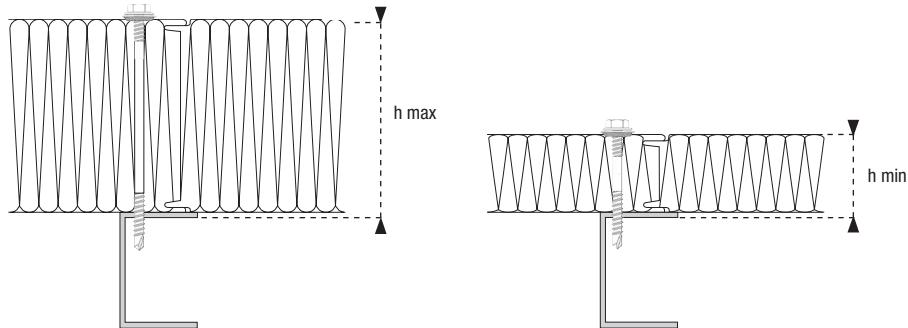
### TECHNICAL ASSESSMENTS:

- ETA-13/0181





MAXIMUM AND MINIMUM THICKNESS OF FIXED ELEMENTS:



- h min** – minimum thickness of the fixed elements. Is the sum of: sandwich panel thickness at the fixing point, the thickness of the substrate, the insulating tape thickness or saddle washers thickness if any.
- h max** – maximum thickness of the fixed elements. Is the sum of: sandwich panel thickness at the fixing point, the thickness of the substrate, the insulating tape thickness or saddle washers thickness if any.

TECHNICAL SPECIFICATIONS

Fastener designation	Sandwich panel lining thickness <sup>1)</sup> , [mm]	Characteristic share load, [kN]*								
		Steel substrate thickness <sup>2)</sup> , [mm]								
		1,50	2,00	2,50	3,00	4,00	5,00	6,00	8,00	≥10,00
E-X BOHR 3 HT 5,5xL	0,40	-	-	-	-	-	-	-	-	-
	0,50	1,36	1,45	1,50	1,55	1,63	-	-	-	-
	0,55	1,53	1,63	1,68	1,74	1,83	-	-	-	-
	0,63	1,80	1,91	1,98	2,04	2,15	-	-	-	-
	0,75	2,20	2,34	2,42	2,50	2,64	-	-	-	-
	0,88	2,53	2,63	2,69	2,75	2,88	-	-	-	-
	1,00	2,83	2,90	2,94	2,99	3,10	-	-	-	-

\* In order to determine the design resistance characteristic value should be divided by a safety factor of 1.33

<sup>1)</sup> teel grade S280GD, S320GD, S350GD according to EN 10346

<sup>2)</sup> steel grade S235, S275, S355 according to EN 10025-1; S280GD, S320GD according to EN 10346

Fastener designation	Sandwich panel lining thickness <sup>1)</sup> , [mm]	Characteristic tension load, [kN]*								
		Steel substrate thickness <sup>2)</sup> , [mm]								
		1,50	2,00	2,50	3,00	4,00	5,00	6,00	8,00	≥10,00
E-X BOHR 3 HT 5,5xL	0,40	-	-	-	-	-	-	-	-	-
	0,50	2,10	2,20	2,20	2,20	2,20	-	-	-	-
	0,55	2,10	2,60	2,60	2,60	2,60	-	-	-	-
	0,63	2,10	3,00	3,00	3,00	3,00	-	-	-	-
	0,75	2,10	3,20	3,70	3,70	3,70	-	-	-	-
	0,88	2,10	3,20	3,80	3,80	3,80	-	-	-	-
	1,00	2,10	3,20	4,00	4,00	4,00	-	-	-	-

\* In order to determine the design resistance characteristic value should be divided by a safety factor of 1.33

<sup>1)</sup> steel grade S280GD, S320GD, S350GD according to EN 10346

<sup>2)</sup> steel grade S235, S275, S355 according to EN 10025-1; S280GD, S320GD according to EN 10346