

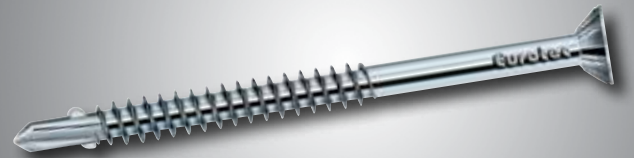
Balcony board wing-tipped drilling screw

Not only suitable for balcony boards



Balcony board wing-tipped drilling screw

Hardened stainless steel or blue galvanised



Art. no.	Dimensions (mm)	Drive	clamping thickness	drilling capacity	PU
Hardened stainless steel:					
901990	4,8 x 38	TX25 ● 20	4	200	200
111404	5,5 x 45	TX30 ● 25	5	200	200
111405	5,5 x 50	TX30 ● 30	5	200	200
111406	6,3 x 60	TX30 ● 35	6	200	200
901581	6,3 x 85	TX30 ● 60	6	100	100
901584	6,3 x 110	TX30 ● 85	6	100	100
blue galvanised:					
111841	4,2 x 32	TX20 ● 15	3	500	500
111842	4,2 x 38	TX20 ● 20	3	500	500
111843	4,8 x 45	TX25 ● 25	4	500	500
111844	5,5 x 50	TX30 ● 30	5	200	200
111845	6,3 x 50	TX30 ● 25	6	200	200
111846	6,3 x 60	TX30 ● 35	6	200	200
111847	6,3 x 70	TX30 ● 45	6	200	200
111848	6,3 x 80	TX30 ● 55	6	200	200



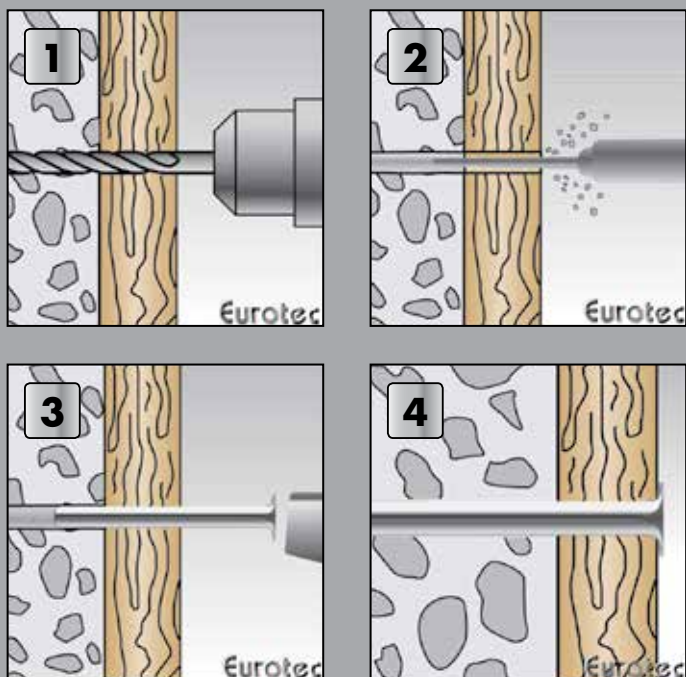
- No pilot-drilling necessary – the wings drill the timber wider than the thread diameter
- The screw drills/cuts its own core hole and mating thread in the steel
- Screws made of galvanised carbon steel or hardened stainless steel according to DIN 10088
- Hardened stainless steel can be magnetised
- Galvanised steel and hardened stainless steel are not resistant to acids. They are therefore also not suitable for fastening woods that contain tannin (e.g. oak)
- The screw is suitable for use in timber-steel joints in outdoor installations and is used in garden, façade and balcony construction.

Express nail/mounting screws

Especially easy to use

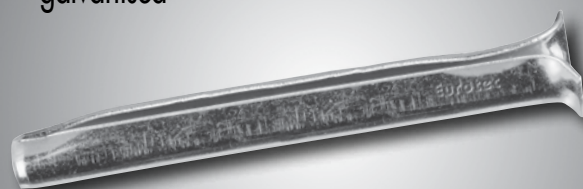
The express nail

is used for lightweight fastenings in concrete and brickwork; it grips over its entire length in the drilled hole. It is used in concrete, natural stone, dense structures, solid brick and solid sand lime brick.



Express nail

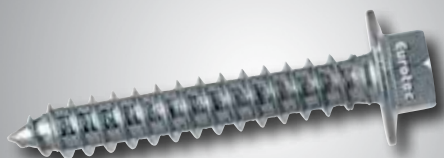
galvanised



Art. no.	Dimensions (mm)	Attachment thickness (mm)	PU
110143	6,0 x 30	3	200
110144	6,0 x 40	10	200
110145	6,0 x 50	20	200
110146	6,0 x 60	30	200
110147	6,0 x 80	50	200
900089	6,0 x 100	70	200
110148	8,0 x 70	30	100
110149	8,0 x 90	50	100
110150	8,0 x 110	70	100
110151	8,0 x 130	90	100
110152	8,0 x 150	110	100
110153	8,0 x 180	140	100

Assembly screws

blue galvanised



- Perfectly suited to attaching:
e.g.: squared timbers, timber and metal substructures and metal profiles.
- Advantages/benefits:
The wax coating makes it easy to hammer into the drilled hole.
No screws or plugs are needed.



Art. no.	Dimensions (mm)	PU
111255	6,5 x 40	100
111256	6,5 x 50	100
111257	6,5 x 60	100
111258	6,5 x 75	100
111259	6,5 x 100	100

BiGHTY drilling screw



BiGHTY in bimetall and hardened stainless steel

BiGHTY is a drilling screw for steel–steel and timber–steel connections that drills its own core hole and cuts its own mating thread in the component. There is therefore no need for pilot-drilling or for selecting the correct drill-hole diameter.

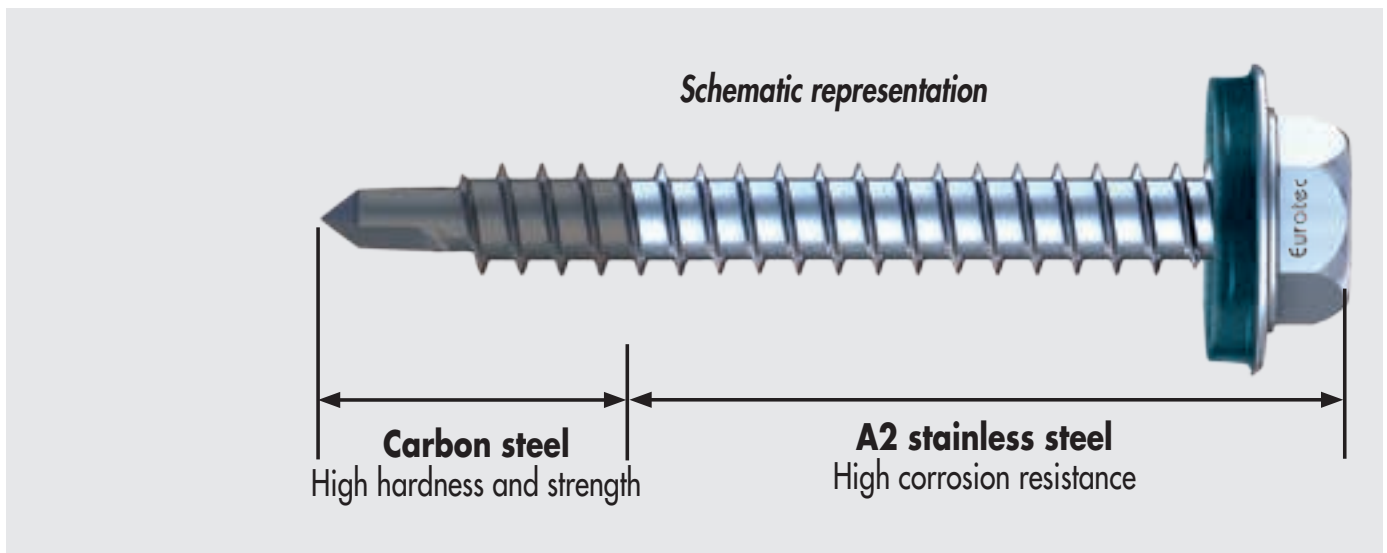
The specially shaped drill tip prevents the screw from drifting on the surface of the component. This allows fast drilling. It is no longer necessary to centre-punch the drilling site.

The **BiGHTY** drilling screw therefore presents a time-saving alternative to conventional self-tapping screws.

The **BiGHTY** drilling screw can be screwed in with a commercially available spanner or socket spanner.



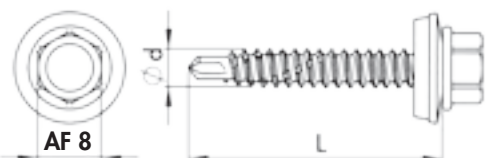
The **BiGHTY bimetal** combines the high corrosion resistance of A2 stainless steel with the outstanding mechanical properties of a carbon steel.



BiGHTY drilling screw



BiGHTY bimetal



- bimetal
- A2 stainless steel, high corrosion resistance
- tip: Carbon steel, high hardness and strength
- Stainless steel in accordance with DIN 10088
- Seal ring in A2 and EPDM

Fastening timber on steel/steel on steel

Drilling capacity 3 mm

Art. no.	Dimensions mm	Width across flats	Ø Seal ring mm	H ^{a)} mm	PU
945884	4,8 x 16	AF 8	Ø 14	1	500
945885	4,8 x 19	AF 8	Ø 14	4	500
945886	4,8 x 25	AF 8	Ø 14	9	500
945887	4,8 x 32	AF 8	Ø 14	16	500
945888	4,8 x 38	AF 8	Ø 14	20	200
945847	4,8 x 50	AF 8	Ø 14	32	200

Drilling capacity 5 mm

Art. no.	Dimensions mm	Width across flats	Ø Seal ring mm	H ^{a)} mm	PU
945890	5,5 x 22	AF 8	Ø 16	3	500
945891	5,5 x 25	AF 8	Ø 16	7	500
945892	5,5 x 32	AF 8	Ø 16	14	500
945893	5,5 x 38	AF 8	Ø 16	20	500
945894	5,5 x 45	AF 8	Ø 16	27	200
945875	5,5 x 50	AF 8	Ø 16	32	200
945895	5,5 x 63	AF 8	Ø 16	45	200

H = clamping thickness + sheet thickness t; t_{max} = drilling capacity

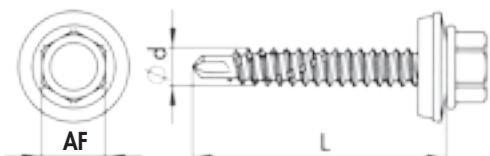


Please always refer to the information in the ETA-12/0085 European Technical Approval

BiGHTY drilling screw



BiGHTY bimetal



- bimetal
- A2 stainless steel, high corrosion resistance
- tip: Carbon steel, high hardness and strength
- Stainless steel in accordance with DIN 10088
- Seal ring in A2 and EPDM

Fastening timber on steel/steel on steel

Drilling capacity 5 mm

Art. no.	Dimensions mm	Width across flats	Ø Seal ring mm	H ⁽¹⁾ mm	PU
945896	6,3 x 25	AF 10	Ø 16	7	500
945897	6,3 x 32	AF 10	Ø 16	14	200
945898	6,3 x 38	AF 10	Ø 16	20	200
945899	6,3 x 45	AF 10	Ø 16	27	200
945841	6,3 x 50	AF 10	Ø 16	32	200
945900	6,3 x 63	AF 10	Ø 16	45	200
945901	6,3 x 70	AF 10	Ø 16	52	200
945902	6,3 x 80	AF 10	Ø 16	62	200

Drilling capacity 12 mm

Art. no.	Dimensions mm	Width across flats	Ø Seal ring mm	H ⁽¹⁾ mm	PU
945844	5,5 x 38	AF 8	Ø 16	10	500

H = clamping thickness + sheet thickness t; t_{max} = drilling capacity



Please always refer to the information in the ETA-12/0085 European Technical Approval

BiGHTY bimetal



- bimetal
- A2 stainless steel, high corrosion resistance
- tip: Carbon steel, high hardness and strength
- Stainless steel in accordance with DIN 10088
- Seal ring in A2 and EPDM

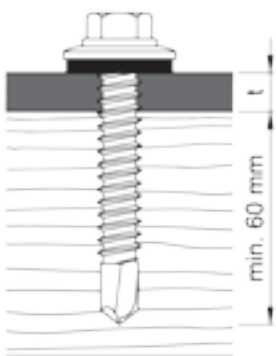
Fastening timber on timber/steel on timber

Drilling capacity 5 mm

Art. no.	Dimensions mm	Width across flats	Ø Seal ring mm	PU
945839	6,5 x 120	AF 8	Ø 16	200
945915	6,5 x 140	AF 8	Ø 16	200
945916	6,5 x 160	AF 8	Ø 16	200
945917	6,5 x 180	AF 8	Ø 16	200
945918	6,5 x 200	AF 8	Ø 16	200
945919	6,5 x 220	AF 8	Ø 16	200

H = clamping thickness + sheet thickness t ; t_{max} = drilling capacity

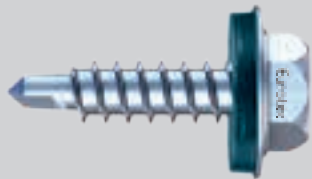
Connection option



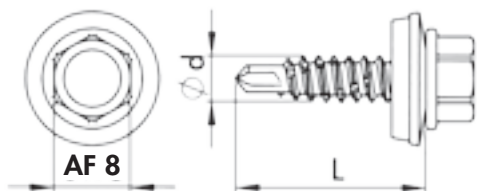
Steel on timber/timber on timber for BiGHTY bimetal 6.5 x L, drilling capacity 5 mm

Please always refer to the information in the ETA-12/0085 European Technical Approval

BiGHTY drilling screw



BiGHTY hardened stainless steel



- hardened stainless steel
- specially coated
- Stainless steel in accordance with DIN 10088
- Seal ring in A2 and EPDM

Timber on steel/steel on steel

Drilling capacity 3 mm

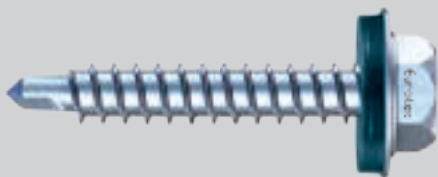
Art. no.	Dimensions mm	Width across flats	Ø Seal ring mm	H ⁽¹⁾ mm	PU
945660	4,8 x 19	AF 8	Ø 14	4	500
945661	4,8 x 25	AF 8	Ø 14	10	500
945662	4,8 x 32	AF 8	Ø 14	17	500
945663	4,8 x 38	AF 8	Ø 14	23	200
945664	4,8 x 50	AF 8	Ø 14	35	200

Drilling capacity 5 mm

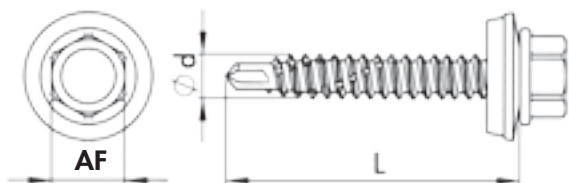
Art. no.	Dimensions mm	Width across flats	Ø Seal ring mm	H ⁽¹⁾ mm	PU
945665	5,5 x 19	AF 8	Ø 16	2	500
945666	5,5 x 25	AF 8	Ø 16	8	500
945667	5,5 x 32	AF 8	Ø 16	15	500
945668	5,5 x 38	AF 8	Ø 16	21	500
945669	5,5 x 50	AF 8	Ø 16	33	200
945670	5,5 x 60	AF 8	Ø 16	43	200

H = clamping thickness + sheet thickness t; t_{max} = drilling capacity





BiGHTY hardened stainless steel



- hardened stainless steel
- specially coated
- Stainless steel in accordance with DIN 10088
- Seal ring in A2 and EPDM

Timber on steel/steel on steel

Drilling capacity 5 mm

Art. no.	Dimensions mm	Width across flats	Ø Seal ring mm	H ⁽¹⁾ mm	PU
945672	6,3 x 25	AF 10	Ø 16	8	500
945673	6,3 x 32	AF 10	Ø 16	15	200
945674	6,3 x 38	AF 10	Ø 16	21	200
945675	6,3 x 50	AF 10	Ø 16	33	200
945676	6,3 x 60	AF 10	Ø 16	43	200

Drilling capacity 12 mm

Art. no.	Dimensions mm	Width across flats	Ø Seal ring mm	H ⁽¹⁾ mm	PU
945671	5,5 x 38	AF 8	Ø 16	14	500

H = clamping thickness + sheet thickness t; t_{max} = drilling capacity

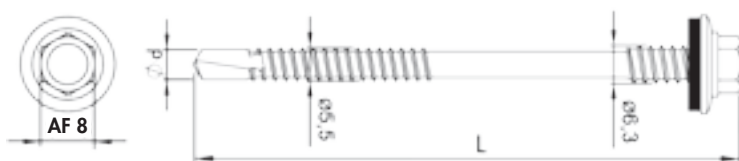


Sandwich-panel screw



SWPS bimetal,

- specially coated
- Seal ring in A2 and EPDM



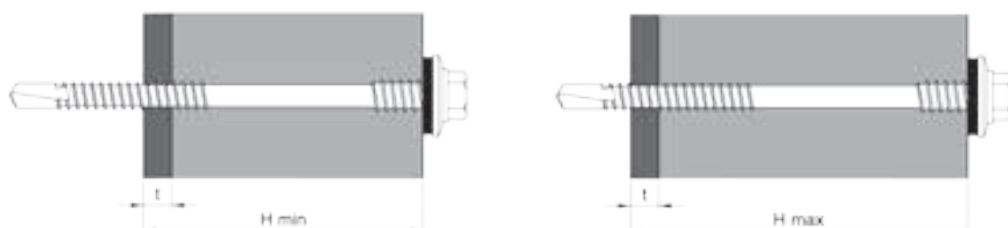
Drilling capacity 5 mm

Art. no.	Dimension ^{a)} mm	Width across flats	Ø Seal ring mm	H _{min} ^{b)} mm	H _{max} ^{b)} mm	PU
945903	6,3/5,5 x 155	AF 8	Ø 16	80	135	200
945904	6,3/5,5 x 175	AF 8	Ø 16	100	155	200
945846	6,3/5,5 x 200	AF 8	Ø 16	125	180	200
945905	6,3/5,5 x 235	AF 8	Ø 16	160	215	200
945906	6,3/5,5 x 250	AF 8	Ø 16	175	230	200
945907	6,3/5,5 x 275	AF 8	Ø 16	200	255	200
945908	6,3/5,5 x 300	AF 8	Ø 16	225	280	200

Drilling capacity 12 mm

Art. no.	Dimension ^{a)} mm	Width across flats	Ø Seal ring mm	H _{min} ^{b)} mm	H _{max} ^{b)} mm	PU
945909	6,3/5,5 x 155	AF 8	Ø 16	75	130	200
945910	6,3/5,5 x 175	AF 8	Ø 16	95	150	200
945845	6,3/5,5 x 200	AF 8	Ø 16	120	175	200
945911	6,3/5,5 x 235	AF 8	Ø 16	155	210	200
945912	6,3/5,5 x 250	AF 8	Ø 16	170	225	200
945913	6,3/5,5 x 275	AF 8	Ø 16	195	250	200
945914	6,3/5,5 x 300	AF 8	Ø 16	220	275	200

a) Ø head thread / Ø drive thread x screw length
 b) H = clamping thickness + sheet thickness t; tmax= drilling capacity.

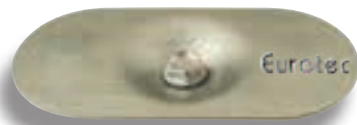
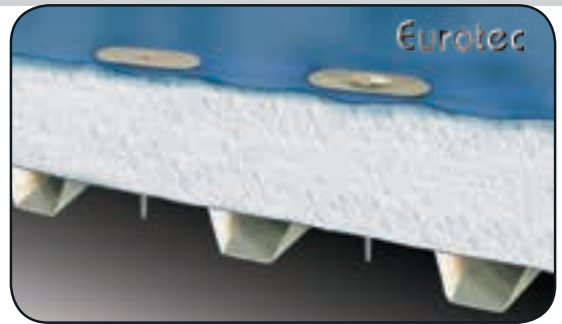
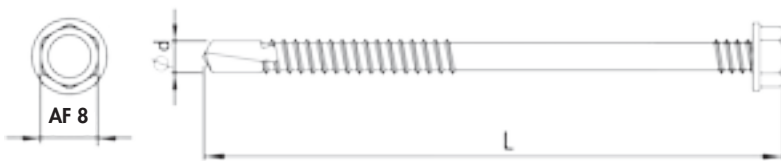


Roofing screw



Roofing screw,

- with hexagon head, secondary thread and drill point



Art. no.	Dimension mm	Width across flats	PU*
900428	4,8 x 80	AF 8	1000
111377	4,8 x 100	AF 8	1000
111378	4,8 x 120	AF 8	1000
111379	4,8 x 140	AF 8	1000
111380	4,8 x 160	AF 8	500
111381	4,8 x 180	AF 8	500
111382	4,8 x 200	AF 8	500
111383	4,8 x 220	AF 8	500
111384	4,8 x 240	AF 8	250
111385	4,8 x 260	AF 8	250

* Plates not included with product

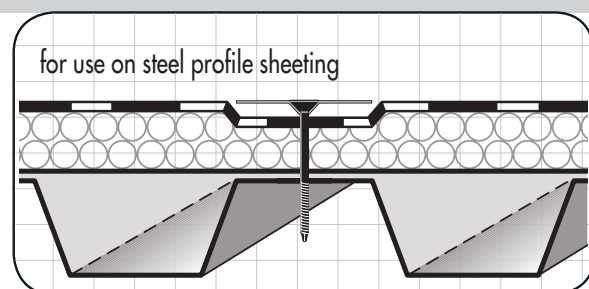
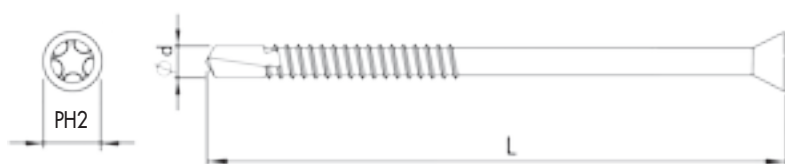
Fields of application:
for flat-roof insulation (with anti-slip matting)

Bugle-head screw



Bugle-head screw,

- with bugle-head and drill point
- hardened steel, double-coated



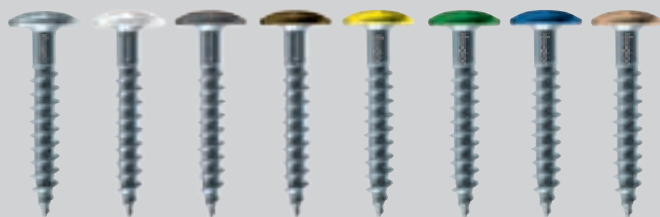
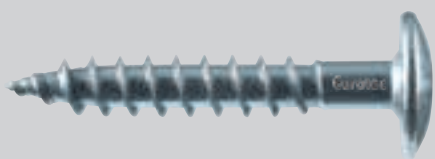
Art. no.	Dimensions mm	Cross recess	PU*
901113	4,8 x 35	PH2	1000
900290	4,8 x 50	PH2	1000
111388	4,8 x 60	PH2	1000
111389	4,8 x 70	PH2	1000
111390	4,8 x 80	PH2	500
111391	4,8 x 90	PH2	500
111392	4,8 x 100	PH2	500
111393	4,8 x 120	PH2	500
111394	4,8 x 140	PH2	500
111395	4,8 x 150	PH2	500
111396	4,8 x 160	PH2	500
111397	4,8 x 180	PH2	500
111398	4,8 x 200	PH2	500
111399	4,8 x 220	PH2	500
111400	4,8 x 240	PH2	500
111401	4,8 x 260	PH2	500
111402	4,8 x 280	PH2	250
111403	4,8 x 300	PH2	250

* Plates not included with product

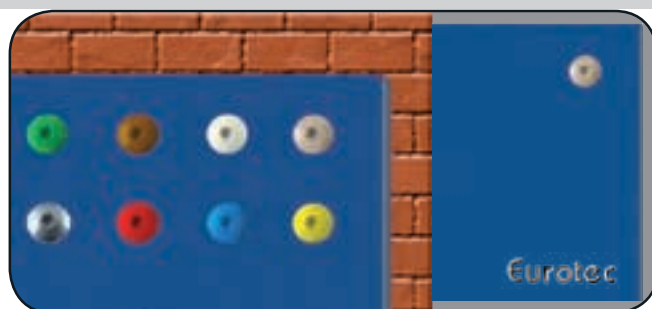
Fields of application:

for flat-roof insulation (without anti-slip matting)

Coloured façade screw



Coloured façade screw,
A2 and A4 stainless steel



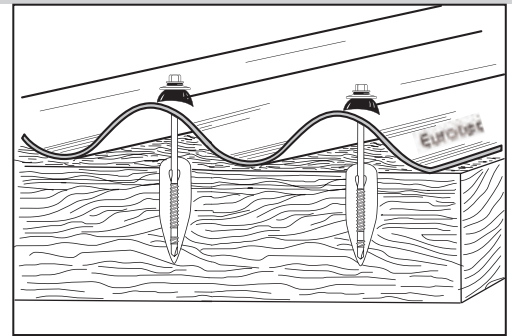
Art. no.	Dimensions mm	Colour	Material	Drive	PU
904670	4,8 x 25	Blank	A2	TX 20 ●	250
904671	4,8 x 32	Blank	A2	TX 20 ●	250
904672	4,8 x 38	Blank	A2	TX 20 ●	250
904675	4,8 x 60	Blank	A2	TX 20 ●	250
w904670	4,8 x 25	White/RAL 9010	A2	TX 20 ●	250
w904671	4,8 x 32	White/RAL 9010	A2	TX 20 ●	250
w904672	4,8 x 38	White/RAL 9010	A2	TX 20 ●	250
w904675	4,8 x 60	White/RAL 9010	A2	TX 20 ●	250
g904670	4,8 x 25	Grey/RAL 7016	A2	TX 20 ●	250
g904671	4,8 x 32	Grey/RAL 7016	A2	TX 20 ●	250
g904672	4,8 x 38	Grey/RAL 7016	A2	TX 20 ●	250
g904675	4,8 x 60	Grey/RAL 7016	A2	TX 20 ●	250
900429	5,5 x 35	Blank	A4	TX 20 ●	100
900430	5,5 x 35	Brown/RAL 8014	A4	TX 20 ●	100
900431	5,5 x 35	White/RAL 9010	A4	TX 20 ●	100
900432	5,5 x 35	Grey/RAL 7016	A4	TX 20 ●	100

Roofing screw/Washed screw



Roofing screws,

- Hexagon head, with drill point and wings
- Case-hardened steel and double-coated
- Mushroom seal, A2 and EPDM



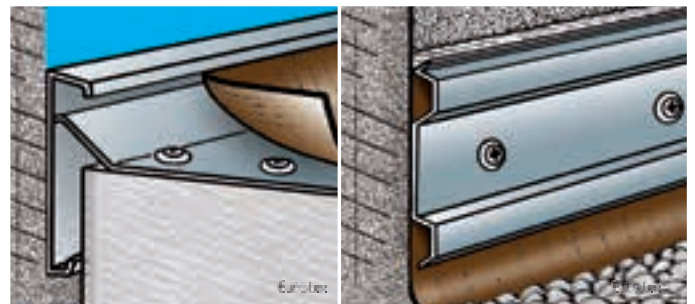
Art. no.	Dimensions mm	Drive	PU
111353	6,5 x 130	SW 8	100

Fields of application:

screwing corrugated fibre-cement boards onto timber.

Washed screw,

A2 stainless steel, two-part with seal ring



Art. no.	Dimensions mm	Ø Seal ring mm	Drive	PU
111559	4,5 x 100	15	TX 20 ●	200
111560	4,5 x 120	15	TX 20 ●	200
111561	4,5 x 150	15	TX 20 ●	200
111551	4,5 x 25	15	TX 20 ●	200
111552	4,5 x 35	15	TX 20 ●	200
111553	4,5 x 45	15	TX 20 ●	200
111557	4,5 x 65	15	TX 20 ●	200
111558	4,5 x 80	15	TX 20 ●	200

- Interior construction; e.g. for (commercial) kitchens, cooling systems, etc.