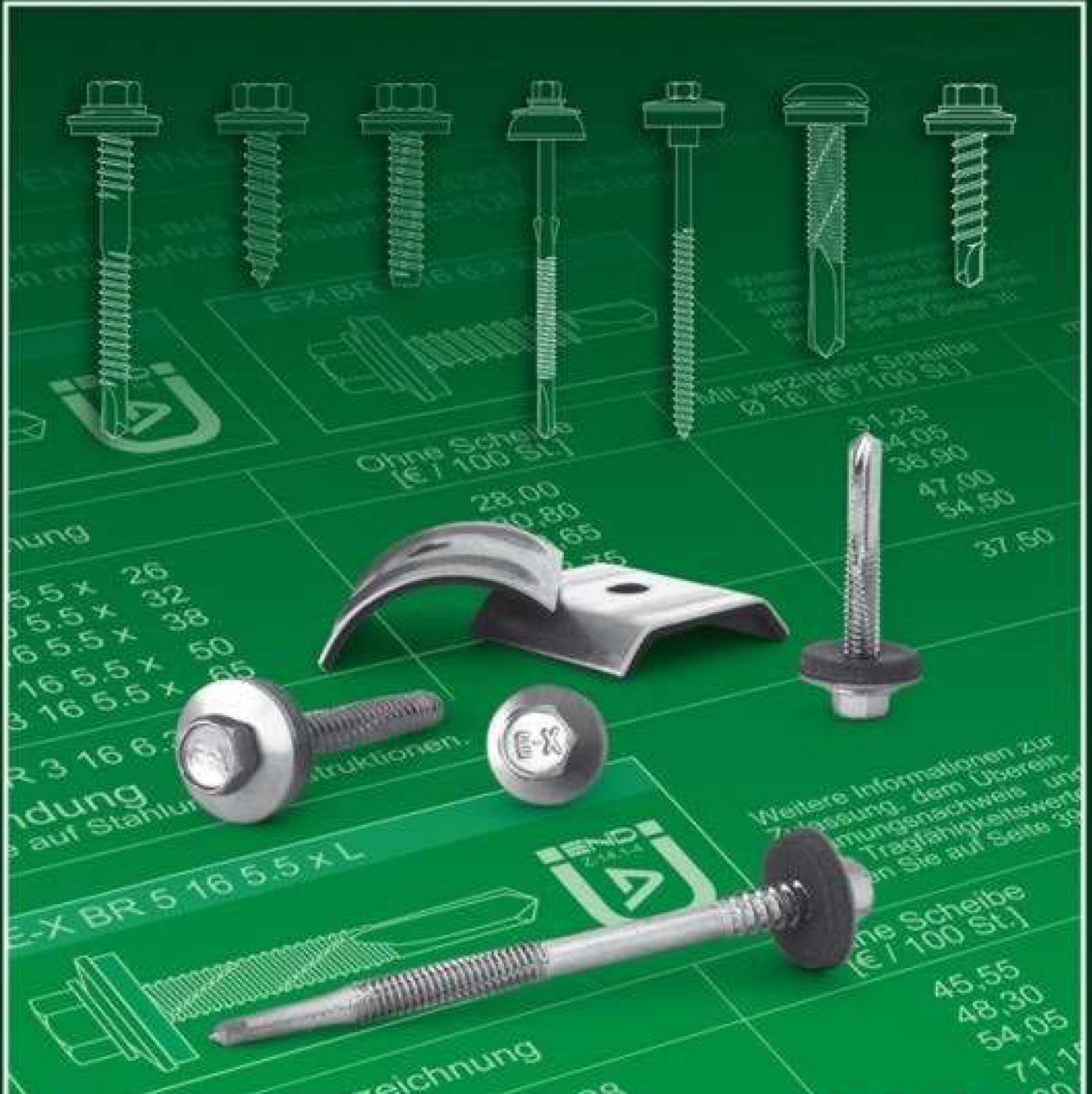


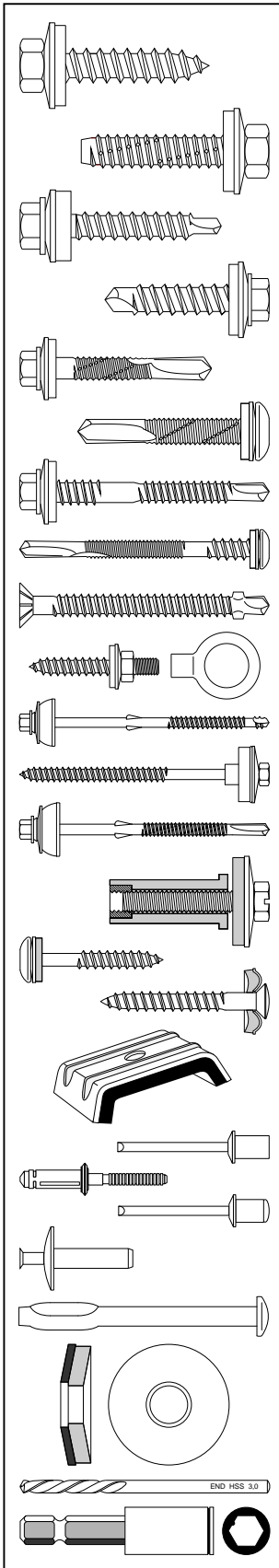
Special screws  
of stainless steel  
heat-treated steel  
and aluminium  
for roof and wall

# END CATALOGUE



Masonry Fixing Services Limited  
Unit 83, Cherry Orchard Industrial Estate, Dublin 10, Ireland  
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Email: [info@masonryfixings.ie](mailto:info@masonryfixings.ie)  
Web: [www.masonryfixings.ie](http://www.masonryfixings.ie)



E-X <sup>®</sup>	END-INOX self-tapping special screws of rustproof stainless steel 1.4301	Page 2
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E-X <sup>®</sup> BOHR HT	END-INOX self-drilling special screws of rustproof stainless steel 1.4301 (for sandwich profiles)	Page 8-9
E-X <sup>®</sup> BOHR FLT	END-INOX self-drilling special screws with ribbed countersunk head and wings, of rustproof stainless steel 1.4301	Page 10
E-X <sup>®</sup> DDBS FK	END-INOX self-tapping special screws of rustproof stainless steel 1.4301 with special seal	Page 11
E-X <sup>®</sup> Special screws	END-INOX Scaffolding anchor (EGA E-X), repair screws (E-XR)	Page 12-13
E-VS <sup>®</sup>	END HEAT-TREATED STEEL self-tapping special screws	Page 14
E-VS <sup>®</sup> BOHR	END HEAT-TREATED STEEL self-drilling special screws	Page 15-18
E-VS <sup>®</sup> BOHR HT	END HEAT-TREATED STEEL self-drilling special screws (for sandwich profiles)	Page 19
DDBS FK	ROOFING SCREW self-drilling special screws of heat-treated steel with special seal	Page 20
E-VS <sup>®</sup> PD	END HEAT-TREATED STEEL self-tapping special screws with mushroom-type seal	Page 21
E-VS <sup>®</sup> BOHR FLT	END HEAT-TREATED STEEL self-drilling special screws with ribbed countersunk head and wings	Page 22-23
E-DB RS	END FLAT ROOF FASTENER self-drilling special screws of heat-treated steel	Page 24
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Rivets	Bulb-Tite (breakstem blind rivets), blind and lind rivets	Page 28-29
HSS SPIBO	HSS spiral drill with point thinning, right-hand cutting, 30 mm spiral	Page 30
Accessories	Socket for BI-HEX, clamp follower for Torx, drivebar only, cover caps	Page 31
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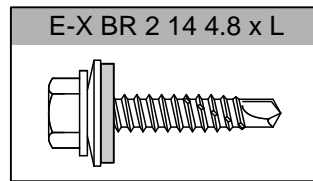
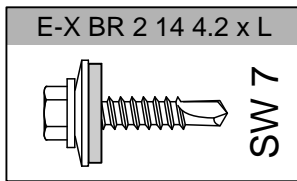
**Quality plus  
reliability**

**Also visit us  
on the internet**  
www.GuntramEnd.de  
E-Mail: info@GuntramEnd.de

Supporting member of the:

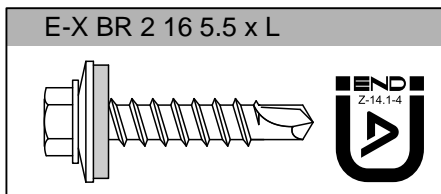
**IFBS** Industrieverband  
für Bausysteme  
im Stahlleichtbau

Self-drilling special screws of stainless steel 1.4301 with fitted sealing washers of stainless steel 1.4301. Washers with bonded EPDM seal.



Name	Without washers	With stainless steel washer Ø 14	max. drilling performance [mm]
E-X BOHR 2 14 4.2 x 19 SW 7			2.5
E-X BOHR 2 14 4.8 x 16			
E-X BOHR 2 14 4.8 x 20			
E-X BOHR 2 14 4.8 x 25			

**Application**  
Mounting of sheet metal laps.

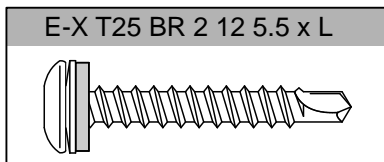


Weitere Informationen zur Zulassung, dem Übereinstimmungsnachweis und den Tragfähigkeitswerten finden Sie auf Seite 38.



Name	Without washers	With stainless steel washer Ø 16	max. drilling performance [mm]
E-X BOHR 2 16 5.5 x 25			3.5
E-X BOHR 2 16 5.5 x 28			
E-X BOHR 2 16 5.5 x 38			
E-X BOHR 2 16 5.5 x 50			
E-X BOHR 2 16 5.5 x 58			
E-X BOHR 2 16 5.5 x 65			
E-X BOHR 2 16 5.5 x 80			
E-X BOHR 2 16 5.5 x 100			

**Application**  
Mounting on thin sheet profiles or coffered partition walls.

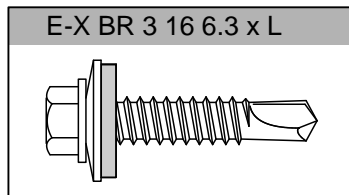
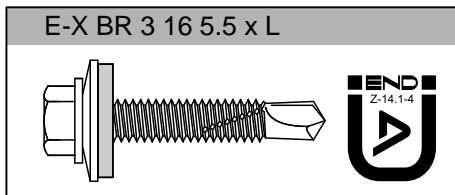


Name	Without washers	With stainless steel washer Ø 12	max. drilling performance [mm]
E-X T25 BR 2 12 5.5 x 25			3.5
E-X T25 BR 2 12 5.5 x 38			
E-X T25 BR 2 12 5.5 x 50			

**Application**  
Mounting on thin sheet profiles or coffered partition walls. The screws are ideally suitable for mounting small corrugated profiles on a façade.

Additional info for larger sealing washers and coloured fasteners are provided on page 33.

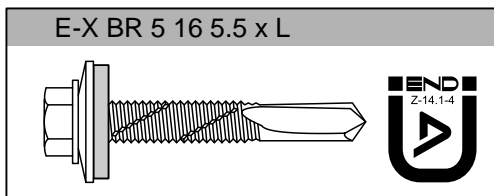
Self-drilling special screws of stainless steel 1.4301 with fitted sealing washers of stainless steel 1.4301. Washers with bonded EPDM seal.



Further information on the approval, compliance certificate and bearing ratios is provided on page 39.

Name	Without washers	With stainless steel washer Ø 16	max. drilling performance [mm]
E-X BOHR 3 16 5.5 x 26 E-X BOHR 3 16 5.5 x 32 E-X BOHR 3 16 5.5 x 38 E-X BOHR 3 16 5.5 x 50 E-X BOHR 3 16 5.5 x 65			6.0
E-X BOHR 3 16 6.3 x 25			

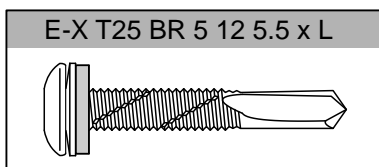
**Application**  
Mounting on a steel substructure.



Further information on the approval, compliance certificate and bearing ratios is provided on page 39.

Name	Without washers	With stainless steel washer Ø 16	max. drilling performance [mm]
E-X BOHR 5 16 5.5 x 38 E-X BOHR 5 16 5.5 x 50 E-X BOHR 5 16 5.5 x 65 E-X BOHR 5 16 5.5 x 80 E-X BOHR 5 16 5.5 x 100			12.5

**Application**  
Mounting on a steel substructure.



Name	Without washers	With stainless steel washer Ø 12	max. drilling performance [mm]
E-X T25 BR 5 12 5.5 x 38			12.5

**Application**  
Mounting on a steel substructure. The screws are ideally suitable for mounting small corrugated profiles on a façade.

Additional info for larger sealing washers and coloured fasteners are provided on page 33.

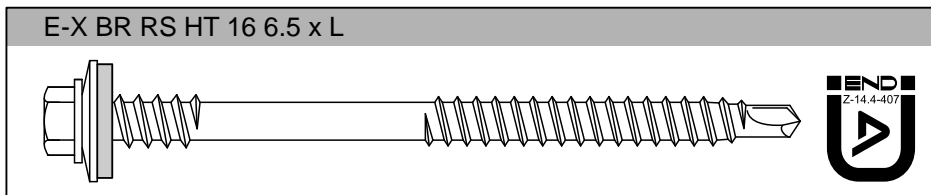
# E-X<sup>®</sup> BOHR Fastener for sandwich profiles



Self-drilling special screws of stainless steel 1.4301 with fitted sealing washers of stainless steel 1.4301. Washers with bonded EPDM seal.



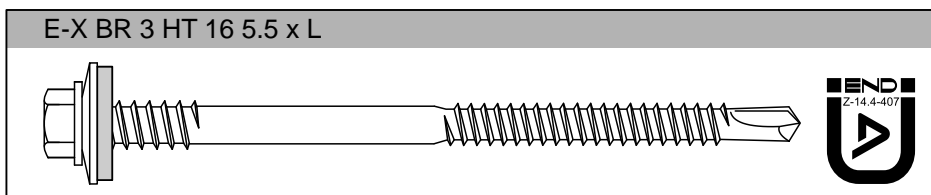
Further information on the approval, compliance certificate and bearing ratios is provided on page 36.



Name	Without washers	With stainless steel washer Ø 16	max. drilling performance [mm]	Clamping area from - to [mm]
E-X BOHR RS HT 16 6.5 x 80			Wooden	< 30
E-X BOHR RS HT 16 6.5 x 100				< 50
E-X BOHR RS HT 16 6.5 x 120				< 70
E-X BOHR RS HT 16 6.5 x 140				< 90
E-X BOHR RS HT 16 6.5 x 160				< 110
E-X BOHR RS HT 16 6.5 x 180				< 130
E-X BOHR RS HT 16 6.5 x 200				< 150
E-X BOHR RS HT 16 6.5 x 220				< 170
E-X BOHR RS HT 16 6.5 x 240				< 190

### Application

Mounting sandwich profiles on a wooden substructure.

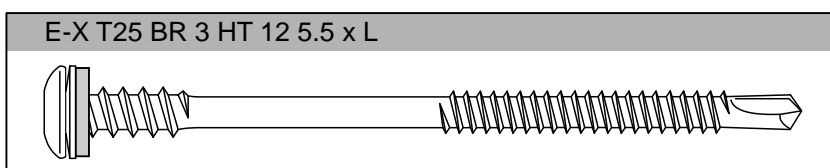


Further information on the approval, compliance certificate and bearing ratios is provided on page 36.

Name	Without washers	With stainless steel washer Ø 16	max. drilling performance [mm]	Clamping area from - to [mm]
E-X BOHR 3 HT 16 5.5 x 70			5.5	22 - 47
E-X BOHR 3 HT 16 5.5 x 85				32 - 62
E-X BOHR 3 HT 16 5.5 x 95				42 - 72
E-X BOHR 3 HT 16 5.5 x 110				57 - 87
E-X BOHR 3 HT 16 5.5 x 130				77 - 107
E-X BOHR 3 HT 16 5.5 x 150				99 - 127
E-X BOHR 3 HT 16 5.5 x 165				112 - 142
E-X BOHR 3 HT 16 5.5 x 180				127 - 157
E-X BOHR 3 HT 16 5.5 x 200				148 - 177
E-X BOHR 3 HT 16 5.5 x 230				178 - 207

### Application

Mounting sandwich profiles on a steel substructure.



Name	Without washers	With stainless steel washer Ø 12	max. drilling performance [mm]	Clamping area from - to [mm]
E-X T25 BR 3 HT 12 5.5 x 120			5.5	69 - 96

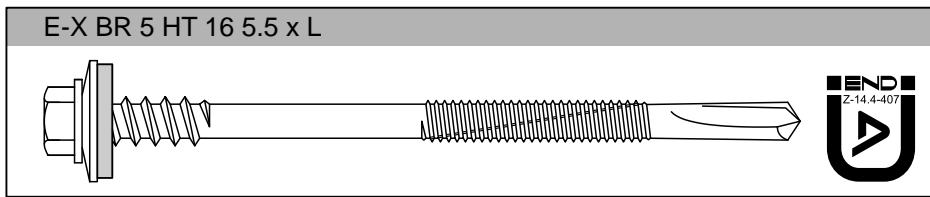
### Application

Mounting of sandwich profiles on a steel substructure. Ideal for small corrugated profiles.

Self-drilling special screws of stainless steel 1.4301 with fitted sealing washers of stainless steel 1.4301. Washers with bonded EPDM seal.



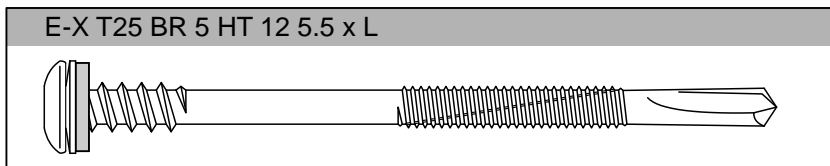
Further information on the approval, compliance certificate and bearing ratios is provided on page 37.



Name	Without washers	With stainless steel washer Ø 16	max. drilling performance [mm]	Clamping area from - to [mm]
E-X BOHR 5 HT 16 5.5 x 75			14.0	24 - 35
E-X BOHR 5 HT 16 5.5 x 95				28 - 55
E-X BOHR 5 HT 16 5.5 x 110				43 - 70
E-X BOHR 5 HT 16 5.5 x 125				58 - 85
E-X BOHR 5 HT 16 5.5 x 150				83 - 110
E-X BOHR 5 HT 16 5.5 x 165				98 - 125
E-X BOHR 5 HT 16 5.5 x 185				113 - 145
E-X BOHR 5 HT 16 5.5 x 210				138 - 170
E-X BOHR 5 HT 16 5.5 x 240				168 - 200

### Application

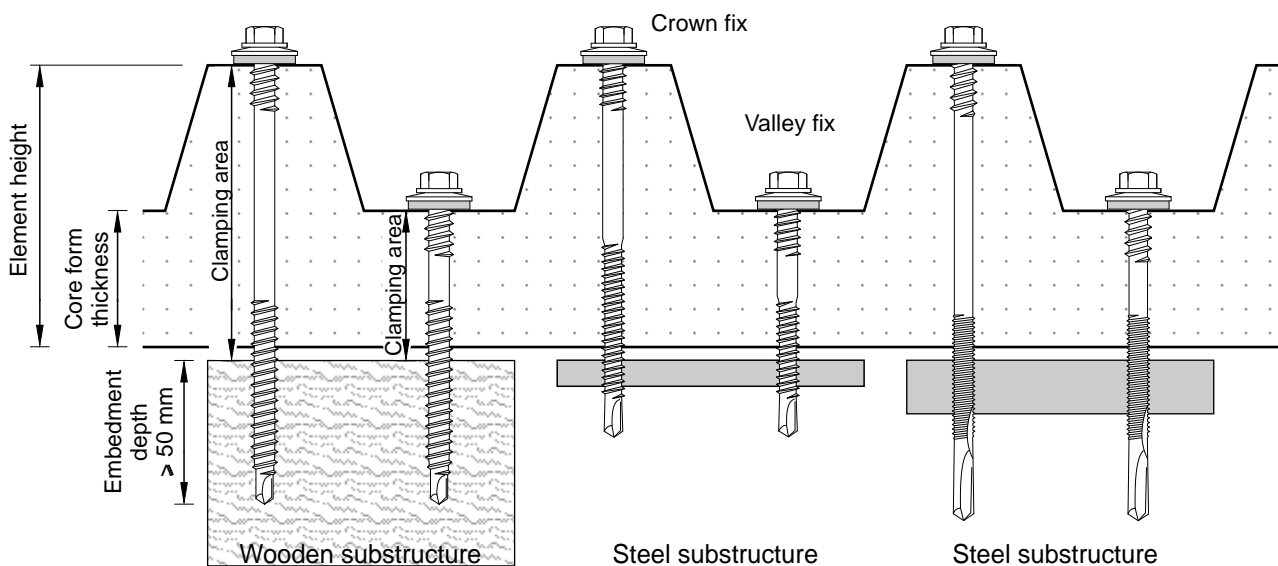
Mounting of sandwich profiles on a steel substructure.



Name	Without washers	With stainless steel washer Ø 12	max. drilling performance [mm]	Clamping area from - to [mm]
E-X T25 BR 5 HT 12 5.5 x 130			12.5	63 - 90

### Application

Mounting of sandwich profiles on a steel substructure. Ideal for small corrugated profiles.



E-X BOHR RS HT 6.5 x L

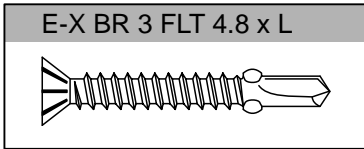
E-X BOHR 3 HT 5.5 x L

E-X BOHR 5 HT 5.5 x L

E-VS BOHR 3 HT 5.5 x L

E-VS BOHR 5 HT 5.5 x L

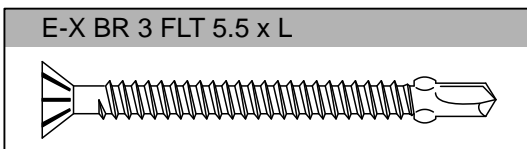
Self-drilling special screws of stainless steel 1.4301 with ribbed countersunk head and wings.



Name	Drive	max. drilling performance [mm]	Wood thickness [mm]
E-X BOHR FLT 4.8 x 38 E-X BOHR FLT 4.8 x 50	PH 2	3.5	5 - 18 5 - 30

### Application

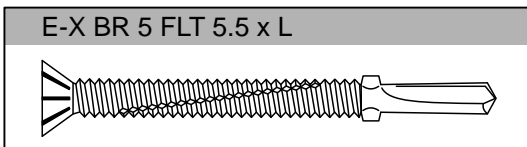
For fastening wood on a steel substructure. The minimum thickness of the substructure may not be less than 1.25 mm.



Name	Drive	max. drilling performance [mm]	Wood thickness [mm]
E-X BOHR 3 FLT 5.5 x 60 E-X BOHR 3 FLT 5.5 x 85 E-X BOHR 3 FLT 5.5 x 109 E-X BOHR 3 FLT 5.5 x 130	PH 3	5.0	10 - 38 20 - 63 45 - 88 max. 105

### Application

For fastening wood on a steel substructure. The minimum thickness of the substructure may not be less than 1.25 mm.

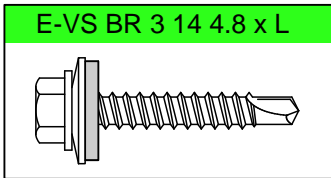


Name	Drive	max. drilling performance [mm]	Wood thickness [mm]
E-X BOHR 5 FLT 5.5 x 60 E-X BOHR 5 FLT 5.5 x 85 E-X BOHR 5 FLT 5.5 x 109 E-X BOHR 5 FLT 5.5 x 130	PH 3	12.5	5 - 24 13 - 49 37 - 73 max. 94

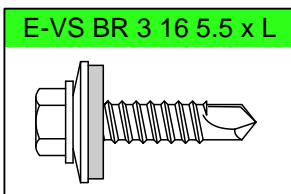
### Application

For fastening wood on a steel substructure. The minimum thickness of the substructure may not be less than 1.25 mm.

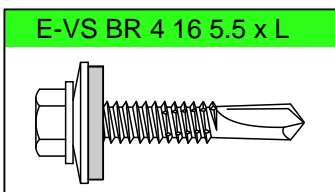
Self-drilling special screws of heat-treated steel, corrosion-resistant, with fitted sealing washers of galvanised steel. Washers with bonded EPDM seal.



Name	Without washers	With galvanised steel washer Ø 14	max. drilling performance [mm]
E-VS BOHR 3 14 4.8 x 13			3.0
E-VS BOHR 3 14 4.8 x 16			
E-VS BOHR 3 14 4.8 x 19			
E-VS BOHR 3 14 4.8 x 22			
E-VS BOHR 3 14 4.8 x 25			
E-VS BOHR 3 14 4.8 x 32			
E-VS BOHR 3 14 4.8 x 38			
E-VS BOHR 3 14 4.8 x 45			
E-VS BOHR 3 14 4.8 x 50			
E-VS BOHR 3 14 4.8 x 60			
<b>Application</b> Mounting on a steel substructure.			

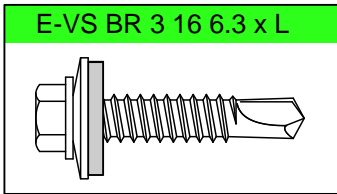


Name	Without washers	With galvanised steel washer Ø 16	max. drilling performance [mm]
E-VS BOHR 3 16 5.5 x 19			5.0
E-VS BOHR 3 16 5.5 x 22			
E-VS BOHR 3 16 5.5 x 25			
E-VS BOHR 3 16 5.5 x 32			
E-VS BOHR 3 16 5.5 x 38			
E-VS BOHR 3 16 5.5 x 50			
E-VS BOHR 3 16 5.5 x 60			
<b>Application</b> Mounting on a steel substructure.			



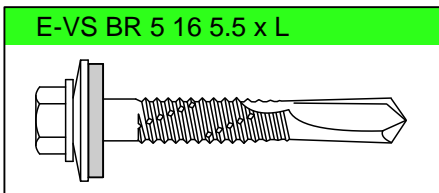
Name	Without washers	With galvanised steel washer Ø 16	max. drilling performance [mm]
E-VS BOHR 4 16 5.5 x 24			8.0
E-VS BOHR 4 16 5.5 x 26			
<b>Application</b> Mounting on a steel substructure.			

Self-drilling special screws of heat-treated steel, corrosion-resistant, with fitted sealing washers of galvanised steel. Washers with bonded EPDM seal.



Name	Without washers	With galvanised steel washer Ø 16	max. drilling performance [mm]
E-VS BOHR 3 16 6.3 x 19 E-VS BOHR 3 16 6.3 x 22 E-VS BOHR 3 16 6.3 x 25 E-VS BOHR 3 16 6.3 x 32 E-VS BOHR 3 16 6.3 x 38			6.0
E-VS BOHR 3 16 6.3 x 50 E-VS BOHR 3 16 6.3 x 65 E-VS BOHR 3 16 6.3 x 80 E-VS BOHR 3 16 6.3 x 100 E-VS BOHR 3 16 6.3 x 120 E-VS BOHR 3 16 6.3 x 140 E-VS BOHR 3 16 6.3 x 160			8.0

**Application**  
Mounting on a steel substructure.



Name	Without washers	With galvanised steel washer Ø 16	max. drilling performance [mm]
E-VS BOHR 5 16 5.5 x 32 E-VS BOHR 5 16 5.5 x 38 E-VS BOHR 5 16 5.5 x 51 E-VS BOHR 5 16 5.5 x 67 E-VS BOHR 5 16 5.5 x 76 E-VS BOHR 5 16 5.5 x 85 E-VS BOHR 5 16 5.5 x 100 E-VS BOHR 5 16 5.5 x 115 E-VS BOHR 5 16 5.5 x 130 E-VS BOHR 5 16 5.5 x 150			12.5

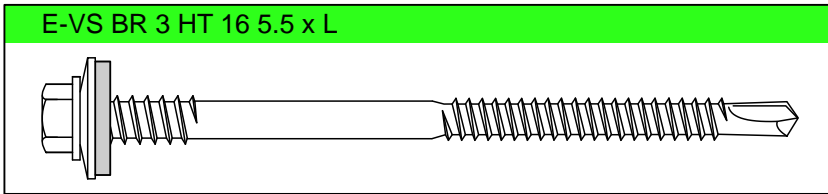
**Application**  
Mounting on a steel substructure.

Additional info for larger sealing washers and coloured fasteners are provided on page 33.

# E-VS<sup>®</sup> BOHR Fastener for sandwich profiles



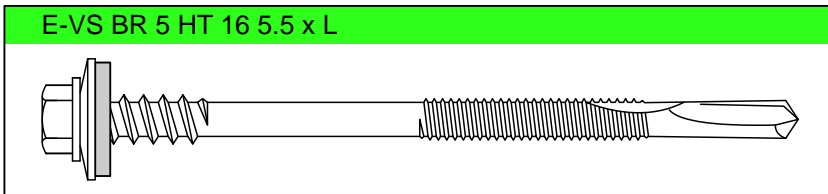
Self-drilling special screws of heat-treated steel, corrosion-resistant, with fitted sealing washers of galvanised steel. Washers with bonded EPDM seal.



Name	Without washers	With galvanised steel washer Ø 16	max. drilling performance [mm]	Clamping area from - to [mm]
E-VS BOHR 3 HT 16 5.5 x 60			5.0	25 - 40
E-VS BOHR 3 HT 16 5.5 x 65				25 - 45
E-VS BOHR 3 HT 16 5.5 x 80				40 - 60
E-VS BOHR 3 HT 16 5.5 x 98				50 - 78
E-VS BOHR 3 HT 16 5.5 x 120				60 - 100
E-VS BOHR 3 HT 16 5.5 x 130				70 - 110
E-VS BOHR 3 HT 16 5.5 x 150				70 - 130
E-VS BOHR 3 HT 16 5.5 x 180				100 - 160
E-VS BOHR 3 HT 16 5.5 x 200				120 - 180
E-VS BOHR 3 HT 16 5.5 x 230				150 - 210

## Application

Mounting of sandwich profiles on a steel substructure.



Name	Without washers	With galvanised steel washer Ø 16	max. drilling performance [mm]	Clamping area from - to [mm]
E-VS BOHR 5 HT 16 5.5 x 75			12.5	25 - 35
E-VS BOHR 5 HT 16 5.5 x 85				38 - 46
E-VS BOHR 5 HT 16 5.5 x 105				38 - 64
E-VS BOHR 5 HT 16 5.5 x 130				61 - 90
E-VS BOHR 5 HT 16 5.5 x 140				71 - 100
E-VS BOHR 5 HT 16 5.5 x 150				61 - 110
E-VS BOHR 5 HT 16 5.5 x 160				70 - 120
E-VS BOHR 5 HT 16 5.5 x 175				85 - 135
E-VS BOHR 5 HT 16 5.5 x 190				100 - 150
E-VS BOHR 5 HT 16 5.5 x 210				130 - 180
E-VS BOHR 5 HT 16 5.5 x 240				152 - 200
E-VS BOHR 5 HT 16 5.5 x 285				200 - 245

## Application

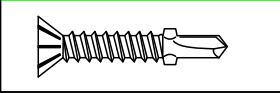
Mounting of sandwich profiles on a steel substructure.

A figure is provided on page 9 to facilitate understanding and to explain the terms clamping area, element height, core foam thickness and embedment depth.

Additional info for larger sealing washers and coloured fasteners are provided on page 33.

Self-drilling special screws of heat-treated steel, corrosion-resistant, with ribbed countersunk head and wings.

## E-VS BR 2 FLT 4.2 x L

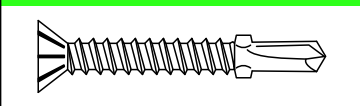


Name	Drive	max. drilling performance [mm]	Wood thickness [mm]
E-VS BOHR 2 FLT 4.2 x 25	PH 2	2.5	9

### Application

For fastening wood on a steel substructure. The minimum thickness of the substructure may not be less than 1.0 mm.

## E-VS BR 3 FLT 4.8 x L

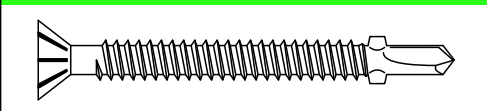


Name	Drive	max. drilling performance [mm]	Wood thickness [mm]
E-VS BOHR 3 FLT 4.8 x 32	PH 2	3.5	12
E-VS BOHR 3 FLT 4.8 x 38			18
E-VS BOHR 3 FLT 4.8 x 45			25
E-VS BOHR 3 FLT 4.8 x 50			30

### Application

For fastening wood on a steel substructure. The minimum thickness of the substructure may not be less than 1.25 mm.

## E-VS BR 3 FLT 5.5 x L

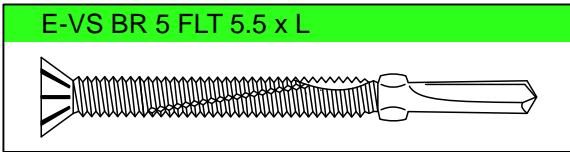


Name	Drive	max. drilling performance [mm]	Wood thickness [mm]
E-VS BOHR 3 FLT 5.5 x 38	PH 3	5.0	13
E-VS BOHR 3 FLT 5.5 x 55			30
E-VS BOHR 3 FLT 5.5 x 60			35
E-VS BOHR 3 FLT 5.5 x 85			60
E-VS BOHR 3 FLT 5.5 x 109			84
E-VS BOHR 3 FLT 5.5 x 130			105
E-VS BOHR 3 FLT 5.5 x 150			125

### Application

For fastening wood on a steel substructure. The minimum thickness of the substructure may not be less than 1.25 mm.

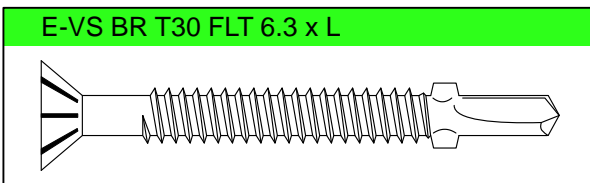
Self-drilling special screws of heat-treated steel, corrosion-resistant, with ribbed countersunk head and wings.



Name	Drive	max. drilling performance [mm]		Wood thickness [mm]
E-VS BOHR 5 FLT 5.5 x 60	PH 3	12.5	12.5	27
E-VS BOHR 5 FLT 5.5 x 85				52
E-VS BOHR 5 FLT 5.5 x 109				76
E-VS BOHR 5 FLT 5.5 x 130				97
E-VS BOHR 5 FLT 5.5 x 150				117

### Application

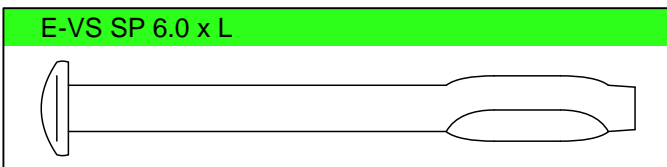
For fastening wood on a steel substructure. The minimum thickness of the substructure may not be less than 1.25 mm.



Name	Drive	max. drilling performance [mm]		Wood thickness [mm]
E-VS BOHR T30 FLT 6.3 x 45	T 30	6.0	6.0	10 - 20
E-VS BOHR T30 FLT 6.3 x 50				12 - 28
E-VS BOHR T30 FLT 6.3 x 60				12 - 36
E-VS BOHR T30 FLT 6.3 x 70				15 - 45
E-VS BOHR T30 FLT 6.3 x 80				25 - 57
E-VS BOHR T30 FLT 6.3 x 100				35 - 75

### Application

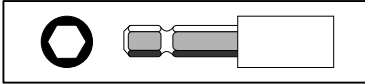
For fastening wood on a steel substructure. The minimum thickness of the substructure may not be less than 1.25 mm.



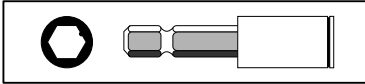
Name	Without washers	With galvanised steel washer Ø 19	Clamping area from - to [mm]
E-VS SP 6.0 x 40			< 10
E-VS SP 6.0 x 135			< 105
E-VS SP 6.0 x 155			< 125
E-VS SP 6.0 x 185			< 155

### Application

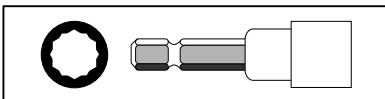
For fastening on a concrete substructure. Installation dimension = Ø 6.0 mm, at least 30 mm deep.



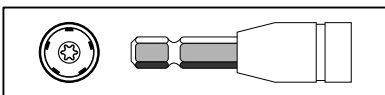
Socket with drivebar 1/4", in SW3/8" or Sw8



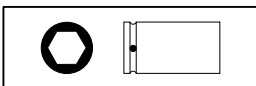
Socket with drivebar 1/4", with spring washer in SW3/8" or SW8  
or with magnet Sw8



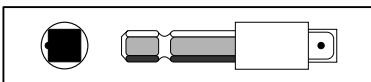
Socket with drivebar 1/4" for BI-HEX, SW 11



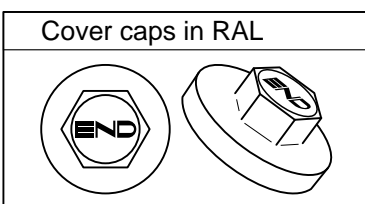
Clamp follower T25 1/4", for TORX 25



Wrench insert 1/4", in 3/8" or 1/2", in SW3/8" or Sw8

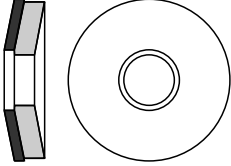


Drivebar only 1/4" x 3/8"



SW 8, Diameter 19 mm  
SW 3/8", Diameter 19 mm  
SW 3/8", Diameter 25 mm  
SW 3/8", Diameter 29 mm

## Larger sealing washers

Washers	Material	Ø 14 mm	Ø 16 mm	Ø 19 mm	Ø 22 mm	Ø 25 mm	Ø 29 mm
	INOX						
	ALUMINIUM	-					
	<b>GALVANISED</b>						

## Coloured screws

coloured screws	
	
Coloured fasteners cannot be exchanged.	