

## **EJOT® SAPHIR self-drilling screw JT2-3H-5.5**

Side lap stitching of profiled steel sheet

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**EJOT®**

# Self-drilling screws JF2/JT2

Case-hardened steel, zinc-plated



## EJOT® SAPHIR self-drilling screw JT2-3H-5.5

Ø [mm]	Length [mm]	Clamp thickness [mm]	PU	Price/100 [EUR]	Order description	Article number
<b>Sealing washer V16, Ø 16 mm</b>						
5.5	19	3	500		JT2-3H-5.5x19-V16	3 598 221 634
5.5	25	9	500		JT2-3H-5.5x25-V16	3 598 421 634

### Application area

- Side lap stitching of profiled steel sheet
- Fastening profiled steel sheet to 1–2.5 mm steel substructure

### Properties

- Case-hardened steel, zinc-plated
- Steel sealing washer, zinc-plated
- Pre-assembled sealing washer
- With free spin zone under screw head for side lap stitching

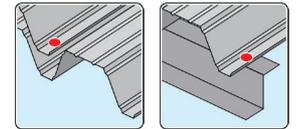
### Technical Data

Drilling capacity $t_1 + t_2$	1.5 + 1.5 mm
Drive	Hexagon AF8

[WWW.AUSSCHREIBEN.DE](http://WWW.AUSSCHREIBEN.DE)

Minimum tensile strength	
Ø mm	kN
5.5	10.0

Minimum shear strength	
Ø mm	kN
5.5	7.5



### Approval

ETA-10/0200

### Cross reference

Accessories  
Metal screwdriver SCS 6.3

### Note

See relevant annexes of European technical approvals at the following pages.

Please download complete European technical approvals at our website:

[www.ejot.es](http://www.ejot.es)

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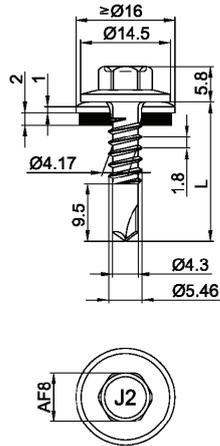


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ETA-10/0200 of 27 June 2013

English translation prepared by DIBt

Deutsches  
Institut  
für  
Bautechnik

DIBt



### Materials

Fastener: carbon steel  
case hardened and galvanized  
Washer: carbon steel, galvanized  
stainless Steel (1.4301) - EN 10088  
Component I: S280GD, S320GD or S350GD - EN 10346  
Component II: S235 - EN 10025-1  
S280GD, S320GD or S350GD - EN 10346

Drilling capacity  $\Sigma t_i \leq 3,50$  mm

### Timber substructures

no performance determined

$t_{N,II}$ [mm]	1,00	1,13	1,25	1,50	2,00	2,50	3,00	4,00			
$M_{t,nom}$	5 Nm										
$V_{R,k}$ [kN] for $t_{N,II}$ [mm]	0,50	0,55	0,63	0,75	0,88	1,00	1,13	1,25	1,50	1,75	2,00
$N_{R,k}$ [kN] for $t_{N,II}$ [mm]	0,50	0,55	0,63	0,75	0,88	1,00	1,13	1,25	1,50	1,75	2,00

Self drilling screw

JT2-3H-5,5 x L

with undercut, hexagon head and sealing washer  $\geq \varnothing 16$  mm

Annex 11

# Self-drilling screws JF2/JT2

Case-hardened steel, zinc-plated

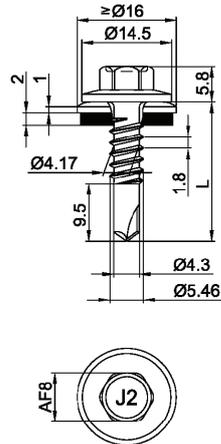


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### Materials

Fastener: carbon steel  
case hardened and galvanized

Washer: carbon steel, galvanized  
stainless Steel (1.4301) - EN 10088

Component I: S280GD, S320GD or S350GD - EN 10346

Component II: S280GD, S320GD or S350GD - EN 10346

Drilling capacity  $\Sigma t_i \leq 3,50$  mm

### Timber substructures

no performance determined

$t_{N,II}$ [mm]	2 x 0,63	2 x 0,75	2 x 0,88	2 x 1,00	2 x 1,13	2 x 1,25	2 x 1,50	2 x 1,75
$M_{t,nom}$	5 Nm							
$V_{R,k}$ [kN] for $t_{N,II}$ [mm]	—	—	—	—	—	—	—	—
0,50	—	—	—	—	—	—	—	—
0,55	—	—	—	—	—	—	—	—
0,63	—	1,60	1,60	1,60	1,60	1,60	—	—
0,75	—	1,90	1,90	1,90	1,90	1,90	—	—
0,88	—	2,20	2,20	2,20	2,20	2,20	—	—
1,00	—	2,60	2,60	2,60	2,60	2,60	—	—
1,13	—	2,60	2,60	2,60	2,60	2,60	—	—
1,25	—	2,60	2,60	2,60	2,60	—	—	—
1,50	—	2,60	2,60	2,60	—	—	—	—
1,75	—	2,60	—	—	—	—	—	—
2,00	—	2,60	—	—	—	—	—	—
$N_{R,k}$ [kN] for $t_{N,II}$ [mm]	—	—	—	—	—	—	—	—
0,50	—	0,97	1,24	1,51	1,62	1,62	1,62	—
0,55	—	1,23	1,57	1,91	2,05	2,05	—	—
0,63	—	1,80	2,30	2,80	3,00	3,00	—	—
0,75	—	1,80	2,30	2,80	3,30	3,80	—	—
0,88	—	1,80	2,30	2,80	3,30	3,80	—	—
1,00	—	1,80	2,30	2,80	3,30	3,80	—	—
1,13	—	1,80	2,30	2,80	3,30	—	—	—
1,25	—	1,80	2,30	2,80	3,30	—	—	—
1,50	—	1,80	2,30	2,80	—	—	—	—
1,75	—	1,80	—	—	—	—	—	—
2,00	—	1,80	—	—	—	—	—	—

Self drilling screw

JT2-3H-5,5 x L

with undercut, hexagon head and sealing washer  $\geq \varnothing 16$  mm

Annex 12