

EJOT® SAPHIR self-drilling screw JT2-6-6,3

Fastening profiled steel sheet to 2-5 mm steel substructure

Self-drilling screws JF2/JT2

Case-hardened steel, zinc-plated



EJOT® SAPHIR self-drilling screw JT2-6-6.3

Ø [mm]	Length [mm]	Clamp thickness [mm]	PU	Price/100 [EUR]	Order description	Article number
Without sealing washer*						
6.3	19	0 - 7	500		JT2-6-6.3x19	3 574 200 634
6.3	22	0 - 10	500		JT2-6-6.3x22	3 574 300 634
6.3	25	0 - 13	500		JT2-6-6.3x25	3 574 400 634
6.3	32	0 - 20	500		JT2-6-6.3x32	3 574 500 634
6.3	38	0 - 26	500		JT2-6-6.3x38	3 574 600 634
Sealing washer V16, Ø 16 mm						
6.3	19	0 - 4	500		JT2-6-6.3x19-V16	3 574 221 634
6.3	22	0 - 7	500		JT2-6-6.3x22-V16	3 574 321 634
6.3	25	0 - 10	500		JT2-6-6.3x25-V16	3 574 421 634
6.3	32	0 - 17	500		JT2-6-6.3x32-V16	3 574 521 634
6.3	38	0 - 23	500		JT2-6-6.3x38-V16	3 574 621 634

Application area

- Fastening profiled steel sheet to 2–5 mm steel substructure

Properties

- Case-hardened steel, zinc-plated
- Steel sealing washer, zinc-plated
- Pre-assembled sealing washer

Technical Data

Drilling capacity $t_1 + t_2$	1.5 + 5.0 mm
Drive	Hexagon AF 3/8"
*max. tightening torque (screws without sealing washer)	7.0 Nm

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Minimum tensile strength	
Ø mm	kN
6.3	13.0

Minimum shear strength	
Ø mm	kN
6.3	10.0



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

Self-drilling screws JF2/JT2

Case-hardened steel, zinc-plated

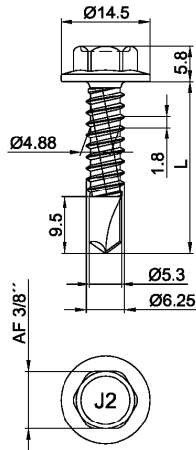


Page 32 of European technical approval
ETA-10/0200 of 27 June 2013

English translation prepared by DIBt

Deutsches
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für
Bautechnik

DIBt



Materials

Fastener: carbon steel
case hardened and galvanized

Washer: none

Component I: S280GD, S320GD or S350GD - EN 10346

Component II: S235, S275 or S355 - EN 10025-1
S280GD, S320GD or S350GD - EN 10346

Drilling capacity $\Sigma t_i \leq 6,50$ mm

Timber substructures

no performance determined

$t_{N,II}$ [mm]	1,50	2,00	2,50	3,00	4,00	5,00	6,00	7,00			
$M_{t,nom}$	7 Nm										
$V_{R,k}$ [kN] for $t_{N,I}$ [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 $t_{N,I}$ [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

JT2-6-6,3 x L
with hexagon head

Annex 19

Self-drilling screws JF2/JT2

Case-hardened steel, zinc-plated

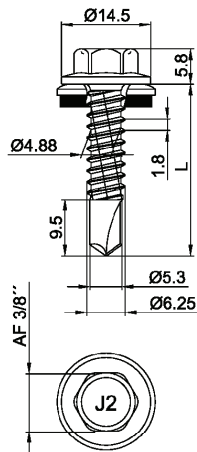


Page 33 of European technical approval
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Materials

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: S235, S275 or S355 - EN 10025-1
S280GD, S320GD or S350GD - EN 10346

Drilling capacity $\Sigma t_i \leq 6,50$ mm

Timber substructures

no performance determined

$t_{N,II}$ [mm]	1,50	2,00	2,50	3,00	4,00	5,00	6,00	7,00	
$M_{t,nom}$	—	7 Nm							—
$V_{R,k}$ [kN] for $t_{N,II}$ [mm]	0,50	—	—	—	—	—	—	—	
	0,55	—	—	—	—	—	—	—	
	0,63	—	2,40 abcd	2,40 abcd	2,40 abcd	2,40 abcd	2,40 ac	—	
	0,75	—	2,90 ac	3,10 ac	3,10 ac	3,10 ac	3,10 ac	—	
	0,88	—	3,50 ac	3,80 ac	3,80 ac	3,80 ac	3,80 a	—	
	1,00	—	4,00 ac	4,60 ac	4,60 ac	4,60 ac	4,60 a	—	
	1,13	—	4,60 ac	5,20 ac	5,20 ac	5,20 ac	5,20 a	—	
	1,25	—	5,20 —	5,80 ac	5,80 ac	5,80 ac	5,80 a	—	
	1,50	—	6,40 —	7,20 —	7,20 —	7,20 —	7,20 a	—	
	1,75	—	6,40 —	7,20 —	7,20 —	7,20 —	—	—	
2,00	—	6,40 —	7,20 —	7,20 —	7,20 —	—	—		
$N_{R,k}$ [kN] for $t_{N,II}$ [mm]	0,50	—	1,13 abcd	1,13 abcd	1,13 abcd	1,13 abcd	1,13 ac	1,13 ac	
	0,55	—	1,43 abcd	1,43 abcd	1,43 abcd	1,43 abcd	1,43 ac	—	
	0,63	—	2,10 abcd	2,10 abcd	2,10 abcd	2,10 abcd	2,10 ac	—	
	0,75	—	2,80 ac	2,80 ac	2,80 ac	2,80 ac	2,80 ac	—	
	0,88	—	3,40 ac	3,60 ac	3,60 ac	3,60 ac	3,60 a	—	
	1,00	—	3,40 ac	4,30 ac	4,30 ac	4,30 ac	4,30 a	—	
	1,13	—	3,40 ac	4,70 ac	5,50 ac	5,50 ac	5,50 a	—	
	1,25	—	3,40 —	4,70 ac	6,20 ac	6,60 ac	6,60 a	—	
	1,50	—	3,40 —	4,70 —	6,20 —	8,70 —	8,70 a	—	
	1,75	—	3,40 —	4,70 —	6,20 —	8,70 —	—	—	
2,00	—	3,40 —	4,70 —	6,20 —	8,70 —	—	—		

Self drilling screw

JT2-6-6,3 x L

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

Annex 20