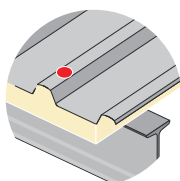
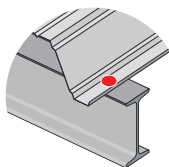




EJOT® Roofing & Cladding

JT2 EJO GUARD Carbon Steel Self-Drilling Screws
for roofing, cladding and general constructions

EJOT® SAPHIR Self-drilling screw JT2-6-5.5



Ø mm	Screw Length mm	Sandwich Panel Thickness mm	Clamping Thickness mm	PU	Order description
16 mm CS Washer (Main Fixing Light/Medium Section)					
5.5	25	-	3 - 10 mm	-	JT2-6-5.5x25-G14
5.5	35	-	3 - 20 mm	-	JT2-6-5.5x35-G16
5.5	55	-	3 - 40 mm	-	JT2-6-5.5x55-G16
5.5	65	12 - 45 mm	12 - 50 mm	-	JT2-6-5.5x65-G16
5.5	85	32 - 65 mm	32 - 70 mm	-	JT2-6-5.5x85-G16
5.5	105	52 - 85 mm	52 - 90 mm	-	JT2-6-5.5x105-G16
5.5	125	72 - 105 mm	72 - 110 mm	-	JT2-6-5.5x125-G16
5.5	145	92 - 125 mm	92 - 130 mm	-	JT2-6-5.5x145-G16
5.5	165	112 - 145 mm	112 - 150 mm	-	JT2-6-5.5x165-G16
19 mm CS Washer (Main Fixing Light/Medium Section)					
5.5	25	-	3 - 10 mm	-	JT2-6-5.5x25-G19
5.5	35	-	3 - 20 mm	-	JT2-6-5.5x35-G19
5.5	55	-	3 - 40 mm	-	JT2-6-5.5x55-G19
5.5	65	12 - 45 mm	12 - 50 mm	-	JT2-6-5.5x65-G19
5.5	85	32 - 65 mm	32 - 70 mm	-	JT2-6-5.5x85-G19
5.5	105	52 - 85 mm	52 - 90 mm	-	JT2-6-5.5x105-G19
5.5	125	72 - 105 mm	72 - 110 mm	-	JT2-6-5.5x125-G19
5.5	145	92 - 125 mm	92 - 130 mm	-	JT2-6-5.5x145-G19
5.5	165	112 - 145 mm	112 - 150 mm	-	JT2-6-5.5x165-G19

Application Range

- Fastening of profiled steel sheets and sandwich panels onto 1.5–5 mm steel substrate

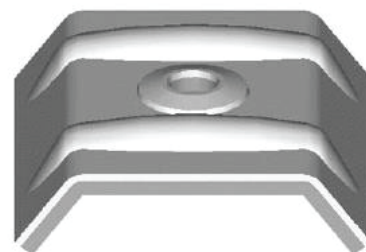
Features

- Case-hardened steel
- EJOGUARD - high-grade coating to improve the corrosion protection (15 Kesternich cycles, DIN 50018, 1997, 1000 h salt spray test, DIN EN ISO 9227 – NSS)
- Galvalume EPDM bonded washer

Technical Data

Drilling capacity $t_1 + t_{II}$ 1.5 + 5.0 mm

Drive hexagon A/F8 mm



EJOT® SAPHIR Self-drilling screw JT2-2-4.8

Ø mm	Screw Length mm	Sandwich Panel Thickness mm	Clamping Thickness mm	PU	Order description
14 mm CS Washer (Stitching Screw)					
4.8	19	-	-	-	JT2-2-4.8x19-G14

Application Range

- Side lap stitching of profiled steel sheets

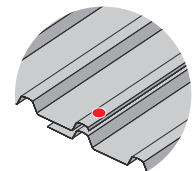
Features

- Case-hardened steel
- EJO GUARD - high-grade coating to improve the corrosion protection (15 Kesternich cycles, DIN 50018, 1997, 1000 h salt spray test, DIN EN ISO 9227 – NSS)
- Galvalume EPDM bonded washer

Technical Data

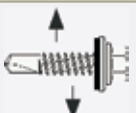
Drilling capacity $t_f + t_{II}$ 1.0 + 1.0 mm

Drive hexagon A/F8 mm



EJOT® SAPHIR self-drilling screw JT2-6-5,5xL

Minimum tensile strength of the screw	
	
Ø mm	kN
5.5	12.5

Minimum shear strength of the screw	
	
Ø mm	kN
5.5	8.95

Component t_{NII} [mm]		1.50	2.00	2.50	3.00	4.00	5.00
Characteristic transverse tensile strength $V_{R,K}$ [kN] for component t_{NII} [mm]	0.50	-	-	-	-	-	-
	0.55	-	-	-	-	-	-
	0.63	2.60 ac	2.80 ac	2.80 ac	2.80 abcd	3.80 abcd	3.80 abcd
	0.75	3.00	3.50 ac	3.50 ac	3.50 ac	4.60 ac	4.60 ac
	0.88	3.40	4.20	4.20 ac	4.20 ac	5.30 ac	5.30 ac
	1.00	3.80	4.50	4.50 ac	4.50 ac	8.00 ac	800 ac
	1.13	4.20	4.90	4.90	4.90 ac	6.70 ac	-
	1.25	4.60	5.30	5.30	5.30 ac	7.30 ac	-
	1.50	5.30	6.00	6.00	6.00	8.10	-
	1.75	5.30	6.00	6.00	6.00	8.10	-
	2.00	5.30	6.00	6.00	6.00	8.10	-
Characteristic pull-out strength $N_{R,K}$ [kN] for component t_{NII} [mm]	0.50	-	-	-	-	-	-
	0.55	-	-	-	-	-	-
	0.63	1.60 ac	2.20 ac	2.20 ac	2.20 abcd	2.20 abcd	2.20 abcd
	0.75	1.60	2.50 ac	2.90 ac	2.90 ac	2.90 ac	2.90 ac
	0.88	1.60	2.50	3.60 ac	3.60 ac	3.80 ac	3.80 ac
	1.00	1.60	2.50	3.60 ac	4.70 ac	4.70 ac	4.70 ac
	1.13	1.60	2.50	3.60	4.80 ac	5.70 ac	-
	1.25	1.60	2.50	3.60	4.80 ac	6.80 ac	-
	1.50	1.60	2.50	3.60	6.80	6.80	-
	1.75	1.60	2.50	3.60	6.80	6.80	-
	2.00	1.60	2.50	3.60	6.80	6.80	-

ETA-10/0200, appendix 15

Component I: S280GD, S320GD order S350GD - EN 10346

Component II: S235, S275 order S355-EN10025-1, S280GD, S320GD order S350GD - EN10346



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