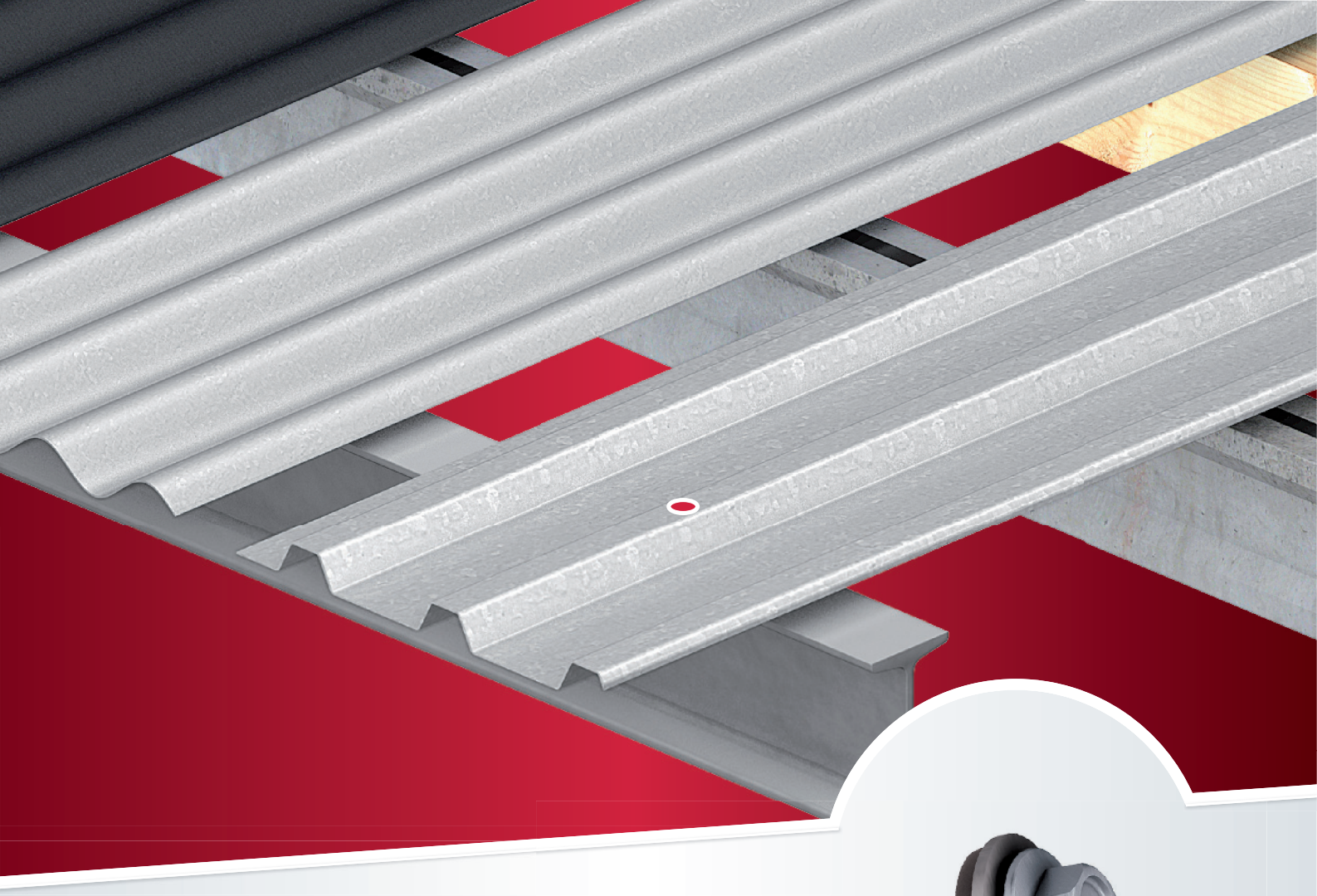

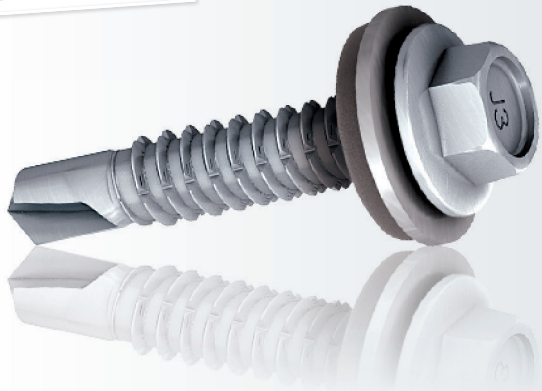

EJOT® SUPER-SAPHIR
self-drilling screw JT3-6-6.3

Fastening profiled steel sheet to 2-5 mm steel substructure

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EJOT® SUPER-SAPHIR self-drilling screw JT3-6-6.3

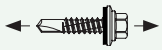
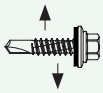
Ø [mm]	Length [mm]	Clamp thickness [mm]	PU	Price/100 [EUR]	Order description	Article number
Sealing washer E16, Ø 16 mm						
6.3	25	0 - 7	500		JT3-6-6.3x25-E16	3 599 411 361
Sealing washer E22, Ø 22 mm						
6.3	25	0 - 7	500		JT3-6-6.3x25-E22	3 599 413 361

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

Properties
- A2 stainless steel with hardened drill point
- Stainless steel sealing washer
- Pre-assembled sealing washer

Technical Data	
Drilling capacity $t_I + t_{II}$	1.0 + 5,0 mm
Drive	Hexagon AF8

WWW.AUSSCHREIBEN.DE

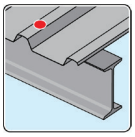
Minimum tensile strength		Minimum shear strength	
			
Ø mm	kN	Ø mm	kN
6.3	13.0	6.3	10.0

AF8

J3

EPD

EDELSTAHL Rostfrei STAINLESS STEEL



ETA CE

Approval
ETA-10/0200

Cross reference
Accessories
Metal screwdriver SCS 6.3

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

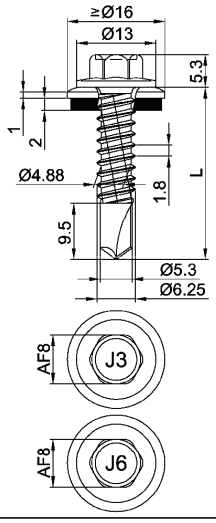
Please download complete European technical approvals at our website:

www.ejot.es

Page 76 of European technical approval
ETA-10/0200 of 27 June 2013

English translation prepared by DIBt

Deutsches Institut für Bautechnik DIBt



Materials

Fastener: stainless steel (1.4301) - EN 10088,
stainless steel (1.4404) - EN 10088

Washer: 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 $t_{N,I}$ [mm]	0,50	—	—	1,80	abcd	1,80	abcd	1,80	abcd	1,80	abcd	1,80	abc	1,80	a	—	—
	0,55	—	—	2,20	abcd	2,20	abcd	2,20	abcd	2,20	abcd	2,20	abc	—	—	—	—
	0,63	—	—	2,60	abcd	2,60	abcd	2,60	abcd	2,60	abcd	2,60	abc	—	—	—	—
	0,75	—	—	3,40	ac	3,40	ac	3,40	ac	3,40	ac	3,40	ac	—	—	—	—
	0,88	—	—	3,80	ac	3,90	ac	4,10	ac	4,10	ac	4,10	a	—	—	—	—
	1,00	—	—	4,20	ac	4,40	ac	4,70	ac	4,70	ac	4,70	a	—	—	—	—
	1,13	—	—	4,70	ac	5,00	ac	5,40	ac	5,70	ac	5,70	a	—	—	—	—
	1,25	—	—	5,10	ac	5,50	ac	6,00	ac	6,60	ac	6,60	a	—	—	—	—
	1,50	—	—	5,70	ac	6,40	ac	7,00	ac	7,50	a	7,90	a	—	—	—	—
	1,75	—	—	5,70	ac	6,40	ac	7,00	ac	7,50	—	—	—	—	—	—	—
	2,00	—	—	5,70	ac	6,40	ac	7,00	ac	7,50	—	—	—	—	—	—	—
$N_{R,k}$ [kN] for $t_{N,I}$ [mm]	0,50	—	—	1,50	abcd	1,50	abcd	1,50	abcd	1,50	abcd	1,50	abc	1,50	a	—	—
	0,55	—	—	2,10	abcd	2,10	abcd	2,10	abcd	2,10	abcd	2,10	abc	—	—	—	—
	0,63	—	—	2,70	abcd	2,70	abcd	2,70	abcd	2,70	abcd	2,70	abc	—	—	—	—
	0,75	—	—	3,00	ac	3,70	ac	3,70	ac	3,70	ac	3,70	ac	—	—	—	—
	0,88	—	—	3,00	ac	4,20	ac	4,20	ac	4,20	ac	4,20	a	—	—	—	—
	1,00	—	—	3,00	ac	4,20	ac	4,70	ac	4,70	ac	4,70	a	—	—	—	—
	1,13	—	—	3,00	ac	4,20	ac	4,80	ac	5,60	ac	5,60	a	—	—	—	—
	1,25	—	—	3,00	ac	4,20	ac	4,80	ac	6,40	ac	6,40	a	—	—	—	—
	1,50	—	—	3,00	ac	4,20	ac	4,80	ac	8,30	a	8,30	a	—	—	—	—
	1,75	—	—	3,00	ac	4,20	ac	4,80	ac	8,30	—	—	—	—	—	—	—
	2,00	—	—	3,00	ac	4,20	ac	4,80	ac	8,30	—	—	—	—	—	—	—

Self drilling screw

JT3-6-6,3 x L
JT6-6-6,3 x L
with hexagon head and sealing washer ≥ Ø16 mm

Annex 63

EJOT Ibérica, SLU – C/Chile 4, Ed. II, Of. 30 – 28290 Las Rozas, Madrid
Teléfono: +34 916 300 822 – Fax: +34 911 383 815 – info@ejot.es – www.ejot.es