



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

Fastening profiled steel sheet to 2-5 mm steel substructure

Self-drilling screws JF3/JT3

A2 stainless steel with hardened steel point / steel drill point

EJOT®

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

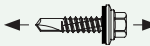
Properties

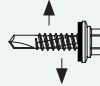
- A2 stainless steel with hardened drill point
- Stainless steel sealing washer
- Pre-assembled sealing washer

Technical Data

Drilling capacity $t_1 + t_2$	1.0 + 5,0 mm
Drive	Hexagon AF8

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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

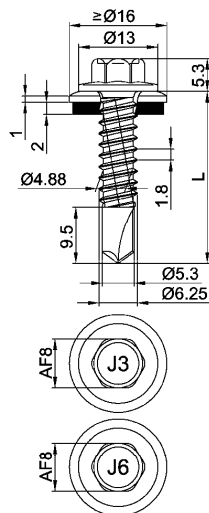
Accessories
Metal screwdriver SCS 6.3

Note

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

Please download complete European technical approvals at our website:

www.ejot.es



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

Self drilling screw

JT3-6-6,3 x L
JT6-6-6,3 x L

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

Annex 63