

Declaration of Performance Number P 1210/13-630-1-FJ

According to Regulation EUNo 305/2011

FJ01

Manufacturer: Tecfi S.p.A. - S.S. Appia, km 193 - 81050 Pastorano (CE), Italia

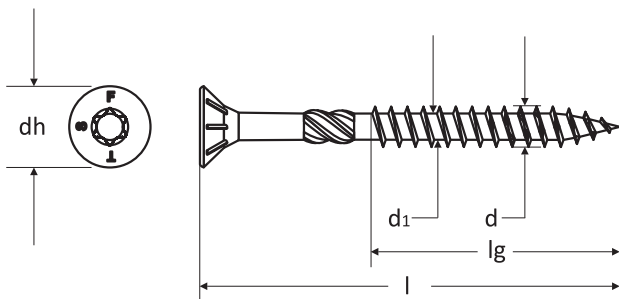


1 - Intended use

Product-type:	Fastener
Fastener type:	Timber structures - Dowel-type fasteners– Screws
Reference standard:	EN 14592:2008+A1:2012
Material:	A2 stainless steel
Durability:	A2 stainless steel
Fire resistance:	No Performance Declared (NPD)
Fire reaction:	A1 according to EN13501-1
Notified test laboratory:	Zavod ZA Gradbenist Vo Slovenije, Dimiceva 12, 1000 Ljubliana, Slovenia
Initial Type Testing (ITT):	P 1210/13-630-1
AVCP System:	3

2 - Type of screw

Item	Description	Finishing
FJ01	Flat CSK head 6-lobe recess chipboard screw, passivated and waxed	A2 stainless steel (AISI 304)



d	mm	Nominal diameter
d_i	mm	Inner thread diameter
l	mm	Overall fastener length
l_g	mm	Length of threading
d_h	mm	Head diameter
M_{v,k}	Nm	Characteristic yield moment
f_{ax,k}	N/mm ²	Characteristic withdrawal parameter
f_{head,k}	N/mm ²	Characteristic head pull-through parameter
ρ_a	N/mm ²	Associated wood density
f_{tens,k}	kN	Characteristic tensile capacity
f_{tor,k}	Nm	Characteristic torsional strength
R_{tor,k}	Nm	/ Characteristic torsional resistance to insertion into the timber

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3 - Declared performance according to EN 14592:2008+A1:2012

Item Code	d (mm)	d ₁ (mm)	l (mm)	l _g (mm)	d _h (mm)	M _{y,k} (Nm)	f _{ax,k} (N/mm ²)	f _{head,k} (N/mm ²)	f _{tens,k} (kN)	R _{tor,k} (Nm)	f _{tor,k} (Nm)
Ø 3											
FJ 01 30 012	3,00	1,80	12	9,80	5,65	0,43	21,19 (ρ _a =476)	44,41 (ρ _a =471,1)	1,89	0,35	0,60
FJ 01 30 016			16	13,80							
FJ 01 30 018			18	15,80							
FJ 01 30 020			20	17,80							
FJ 01 30 025			25	18							
FJ 01 30 030			30	18							
FJ 01 30 035			35	21							
FJ 01 30 040			40	25							
FJ 01 30 045			45	28							
Ø 3,5											
FJ 01 35 016	3,49	2,10	16	12,50	6,55	1,16	16,94 (ρ _a =470)	34,28 (ρ _a =478,5)	2,49	0,57	0,90
FJ 01 35 018			18	14,50							
FJ 01 35 020			20	16,50							
FJ 01 35 025			25	18							
FJ 01 35 030			30	18							
FJ 01 35 035			35	21							
FJ 01 35 040			40	25							
FJ 01 35 045			45	28							
FJ 01 35 050			50	30							
Ø 4											
FJ 01 40 016	4,00	2,35	16	12,10	7,55	1,60	16,17 (ρ _a =401)	40,76 (ρ _a =454,9)	3,51	0,72	1,34
FJ 01 40 018			18	14,10							
FJ 01 40 020			20	16,10							
FJ 01 40 025			25	18							
FJ 01 40 030			30	18							
FJ 01 40 035			35	21							
FJ 01 40 040			40	25							
FJ 01 40 045			45	28							
FJ 01 40 050			50	30							
FJ 01 40 060	60	35									
Ø 4,5											
FJ 01 45 020	4,50	2,60	20	15,80	8,35	1,62	14,39 (ρ _a =453)	39,01 (ρ _a =447,2)	3,85	1,07	1,63
FJ 01 45 025			25	18							
FJ 01 45 030			30	18							
FJ 01 45 035			35	21							
FJ 01 45 040			40	25							
FJ 01 45 045			45	28							
FJ 01 45 050			50	30							
FJ 01 45 060			60	35							
FJ 01 45 070			70	45							

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Item Code	d (mm)	d ₁ (mm)	l (mm)	l _g (mm)	d _h (mm)	M _{y,k} (Nm)	f _{ax,k} (N/mm ²)	f _{head,k} (N/mm ²)	f _{tens,k} (kN)	R _{tor,k} (Nm)	f _{tor,k} (Nm)
Ø 5											
FJ 01 50 020	5,00	3,00	20	15,80	9,35	3,19	15,05 (ρ _a =413)	21,18 (ρ _a =458,6)	5,23	1,48	2,99
FJ 01 50 025			25	18							
FJ 01 50 030			30	18							
FJ 01 50 035			35	21							
FJ 01 50 040			40	25							
FJ 01 50 045			45	28							
FJ 01 50 050			50	30							
FJ 01 50 060			60	35							
FJ 01 50 070			70	45							
FJ 01 50 080			80	48							
FJ 01 50 100			100	60							
Ø 6											
FJ 01 60 030	5,57	3,80	30	18	11,15	6,11	15,25 (ρ _a =438)	15,86 (ρ _a =342,2)	7,14	3,14	4,73
FJ 01 60 040			40	25							
FJ 01 60 050			50	30							
FJ 01 60 060			60	35							
FJ 01 60 070			70	45							
FJ 01 60 080			80	48							
FJ 01 60 100			100	60							

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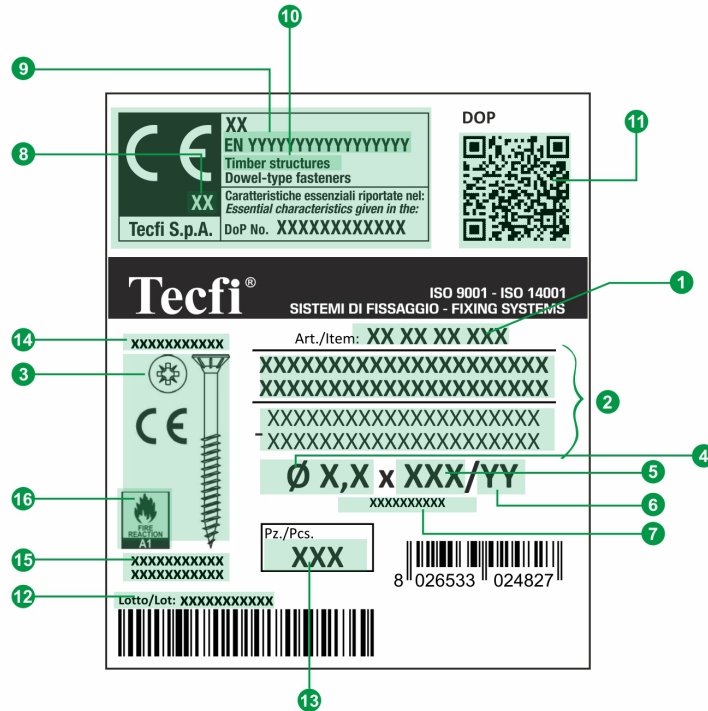
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4 - Label



- | | |
|--|---|
| 1 Codice articolo / Item Code | 10 Uso del prodotto previsto dallo standard Europeo applicato, livello di prestazione dichiarato / Intended use of the product as laid down in the European standard applied, level of performance declared |
| 2 Descrizioni / Descriptions | 11 Link al DoP / Link to DoP |
| 3 Immagine / Picture | 12 Lotto / Lot Number |
| 4 Diametro (d) / Diameter (d) | 13 Numero di pezzi per scatola / Number of Pieces per Box |
| 5 Lunghezza (L) / Length (L) | 14 Misura inserto / Recess size |
| 6 Spessore massimo fissabile (t _{fix}) / Maximum Thickness of fixture (t _{fix}) | 15 Tipo di impronta / Recess type |
| 7 Diametro nominale / Nominal diameter | 16 Logo Reazione al Fuoco A1 / Fire Reaction A1 Logo |
| 8 Ultime due cifre dell'anno in cui il marchio è stato affisso per la prima volta / Last two digits of the year in which the marking was first affixed | |
| 9 Standard europeo applicato / European standard applied | |

The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Name and function	Place and date of issue	Signature
President Antonio Guarino	Pastorano, June 21 st 2016	