

Treskrue Sekskant TTZN-H

ZNNI

CHRISTIANIA
SPIGERVERK

Declaration of Performance



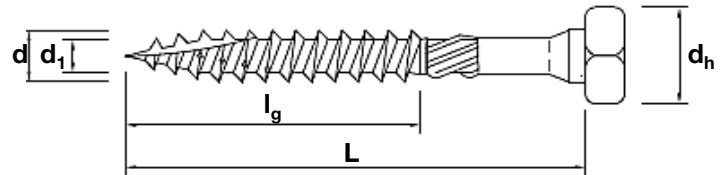
Dokument nr: CE-200273
Benyttes til lastbærende tre-konstruksjoner

Dimensjoner:
d 6,0 mm, L 40 - 120 mm
d 8,0 mm, L 40 - 140 mm
d 10,0 mm, L 40 - 180 mm
d 12,0 mm, L 60 - 200 mm

Material:
EN ISO 16120

Behandling:
ZNNI min 8 µm
Korrosivitetsklass C4.

Bits: TX30 + TX40



DIMENSJONER

ZNNI					
Betegnelse	Nominell diameter d [mm]	Kjernediameter d ₁ [mm]	Total lengde L [mm]	Gjengelengde l _g [mm]	Hodediameter d _h [mm]
6,0x40	6,0	3,7	40,0	23,0	10,0
6,0x50			50,0	33,0	
6,0x60			60,0	42,0	
6,0x75			75,0	42,0	
6,0x90			90,0	42,0	
6,0x120			120,0	75,0	
8,0x40*	8,0	5,1	40,0	23,0	13,0
8,0x50			50,0	33,0	
8,0x60			60,0	42,0	
8,0x80			80,0	42,0	
8,0x90			90,0	42,0	
8,0x100			100,0	55,0	
8,0x120			120,0	85,0	
8,0x140			140,0	85,0	
10,0x40*	10,0	6,2	40,0	23,0	15,0
10,0x50*			50,0	33,0	
10,0x60			60,0	42,0	
10,0x80			80,0	42,0	
10,0x90			90,0	42,0	
10,0x100			100,0	55,0	
10,0x120			120,0	85,0	
10,0x140			140,0	85,0	
10,0x160			160,0	110,0	
10,0x180			180,0	110,0	

* Valgt dimensjon er ikke CE-merket

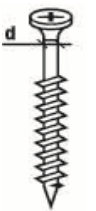
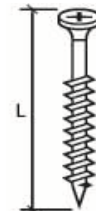
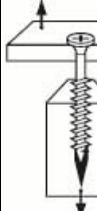
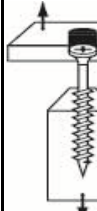

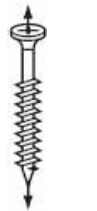
...FORTS. DIMENSJONER

ZNNI					
Betegnelse	Nominell diameter d [mm]	Kjerner diameter d ₁ [mm]	Total lengde L [mm]	Gjengelengde l _g [mm]	Hodediameter d _h [mm]
12,0x60	12,0	6,7	60,0	42,0	17,0
12,0x80			80,0	42,0	
12,0x90			90,0	42,0	
12,0x100			100,0	55,0	
12,0x120			120,0	85,0	
12,0x140			140,0	85,0	
12,0x160			160,0	110,0	
12,0x180			140,0	110,0	
12,0x200			160,0	110,0	

* Valgt dimensjon er ikke CE-merket

KARAKTERISTISK KAPASITET

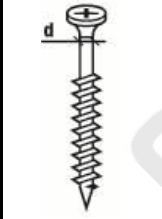
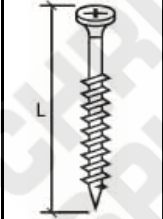
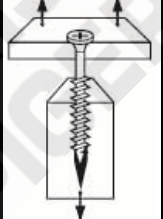
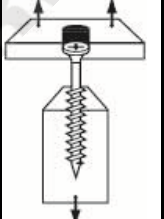
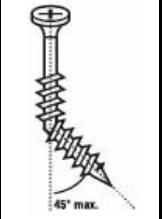
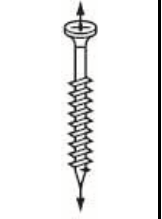
ZNNI							
Betegnelse	Nominell diameter d [mm]	Total lengde L [mm]	Uttrekk f _{ax,k} [N/mm ²]**	Gjennomdragning f _{head,k} [N/mm ²]**	Flytmoment M _{y,k} [Nmm]	Strekbelastning f _{tens,k} [kN]	Indrivningsmoment F _{tor,k} /R _{tor,k} ≥ 1,5
6,0x40	6,0	40,0	18,0	33,1	12795	13,5	2,3
6,0x50		50,0					
6,0x60		60,0					
6,0x75		75,0					
6,0x90		90,0					
6,0x120		120,0					
8,0x40*	8,0	40,0	16,0	21,8	29726	24,0	3,2
8,0x50		50,0					
8,0x60		60,0					
8,0x80		80,0					
8,0x90		90,0					
8,0x100		100,0					
8,0x120		120,0					
8,0x140		140,0					

					
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* Valgt dimensjon er ikke CE-merket

** Uttrekkstyrke f_{ax,k} og Gjennomdragning f_{head,k} er prøvd i tre med karakteristiske tetthet ρ_k 350 kg/m³ (C24).

...FORTS. KARAKTERISTISK KAPASITET

ZNNI													
Betegnelse	Nominell diameter d [mm]	Totallengde L [mm]	Uttrekk $f_{ax,k}$ [N/mm ²]**	Gjennomdraging $f_{head,k}$ [N/mm ²]**	Flytmoment $M_{y,k}$ [Nmm]	Strekbelastning $f_{tens,k}$ [kN]	Indrivningsmoment $F_{tor,k}/R_{tor,k} \geq 1,5$						
10,0x40*	10,0	40,0	14,3	20,0	51877	33,8	3,3						
10,0x50*		50,0											
10,0x60		60,0											
10,0x80		80,0											
10,0x90		90,0											
10,0x100		100,0											
10,0x120		120,0											
10,0x140		140,0											
10,0x160		160,0											
10,0x180		180,0											
12,0x60		12,0						60,0	13,6	18,8	68635	41,7	3,2
12,0x80	80,0												
12,0x90	90,0												
12,0x100	100,0												
12,0x120	120,0												
12,0x140	140,0												
12,0x160	160,0												
12,0x180	140,0												
12,0x200	160,0												
													

* Valgt dimensjon er ikke CE-merket

** Uttrekks styrke $f_{ax,k}$ og Gjennomdraging $f_{head,k}$ er prøvd i tre med karakteristiske tetthet ρ_k 350 kg/m³ (C24).

PRODUKTIDENTIFIKASJON

Følgende artikler som selges under varemerket Christiania Spigerverk dekkes av denne Ytelseserklæring:

ARTIKKELNUMMER

71790	71813	71805	71826	71775	71773	71785	71782
71808	71814	71823	71827	71760	71777	71779	71793
71811	71788	71824	71828	71771	71783	71780	
71812	71807	71831	71774	71776	71784	71792	
71809	71789	71825	71759	71772	71794	71781	

Produsent erklærer for:

Treskrue Sekskant TTZN-H diameter 6,0/8,0/10,0/12,0 mm

1. Produkt i samsvar med EN 14592 "Timber Structures – Dowel-type fasteners – Requirements".
2. Opprinnelig type-testing utføres for å bekrefte materielle karakteristiske verdier gitt i tabell ZA.1 i EN 14592. Erklært informasjon er ledsaget av CE-merket på hver pakke og dette tekniske dokumentet.
3. Initial Typprovning är utförd av...
4. Disse produktene oppfyller kravene i vedlegg ZA i EN 14592
5. Et FPC system er utarbeidet under ansvar av produsenten.

ZNNI min. 8µm Korrosjonsklasse C4.

Metode for å sertifisere samsvar med skruer i trekonstruksjoner er 3.

Denne erklæringen gjelder før eventuell modifisering av produkter, råvarer eller produksjonsprosessen er utført, som endrer betydelig karakteristiske verdiene som er angitt.

Gunnebo 2015-04-16



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