



X-CT DATA SHEET

**Nail for forming or other temporary
use**

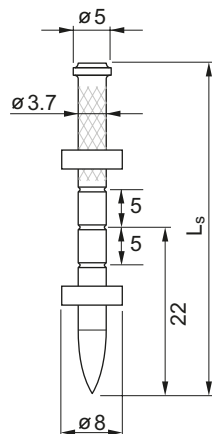


X-CT Nail for forming or other temporary use

Product data

Dimensions

X-CT __ MX, X-CT __ DP8



Material specifications

Carbon steel shank: HRC 53

Zinc coating: 5–20 μm

Recommended fastening tools

DX 6 MX, DX 5 MX, DX 460 MX

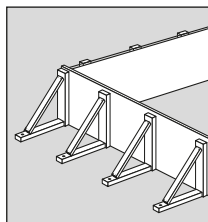
DX 6-F8, DX 5-F8, DX 460-F8, DX 36, DX 2, DX-E72



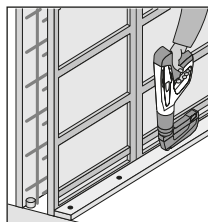
• See fastener program in the next pages.

Applications

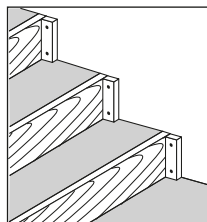
Examples



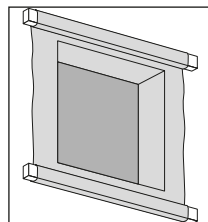
Conventional Formwork



System Formwork



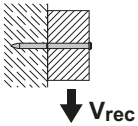
To position and hold concrete formwork



Fasten plastic, netting, etc.

Performance data

Recommended resistance under shear load



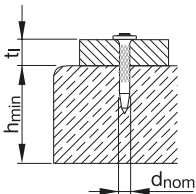
$$V_{rec} = 0.3 \text{ kN for } h_{ET} \geq 22 \text{ mm}$$

Conditions

- Static loading only (placing and vibration of concrete does not affect design).
- Minimum 5 fastenings per fastened unit.

Application recommendation

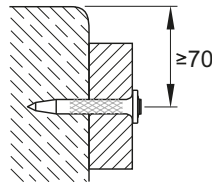
Base material and fastened material thickness



$$h_{min} = 80 \text{ mm}$$

$$t_f = 20\text{--}50 \text{ mm}$$

Fastener positioning



Edge distances $c \geq 70 \text{ mm}$

Fastener shank length recommendation

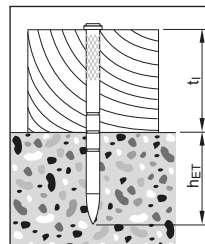
Required nail shank length:

$$L_S = h_{ET} + t_f \text{ [mm]}$$

Recommendation:

Concrete

$$h_{ET} = 22 \text{ mm}$$



System recommendation

- For more details, please refer to the chapter **Accessories and consumables compatibility** in the Direct Fastening Technology Manual (DFTM).

Cartridge recommendation

Base material	Cartridge color (tool power level)	
	Tool type: DX 6 MX DX 6 F8	Tool type: DX 5 MX, DX 460 MX DX 5 F8, DX 460 F8, DX 2
	Cartridge type: 6.8/11 M	Cartridge type: 6.8/11 M
Sand lime masonry	titanium ■ (1-3)	green ■
Soft/medium concrete	titanium ■ (1-5)	green ■, yellow ■

- Tool power level adjustment by setting tests on site.
- Start tool energy selection with lowest recommended tool power level.
- Correct according requirement from chapter quality assurance.

Fastener program

Fasteners					Tools				Description
Designation	Item no. Packs of 1000 nails	100 nails	L _s [mm]	d _{nom} [mm]	DX 6 MX, DX 5 MX, DX 460 MX	DX 6 F8, DX 5 F8, DX 460 F8	DX 2, DX 38	DX 6 FZ	
X-CT 47 MX	383588		47	3.7	■				Wood to concrete
X-CT 52 MX	383589	383576	52	3.7	■				Wood to concrete
X-CT 62 MX	383591	383579	62	3.7	■				Wood to concrete
X-CT 72 MX		383580	72	3.7	■				Wood to concrete
X-CT 47 DP8		383582	47	3.7		■	■	■	Wood to concrete
X-CT 52 DP8		383583	52	3.7		■	■	■	Wood to concrete
X-CT 62 DP8		383585	62	3.7		■	■	■	Wood to concrete
X-CT 72 DP8		383586	72	3.7		■	■	■	Wood on concrete (with pre-hammering)
X-CT 97 DP8		383587	97	3.7		■	■	■	Wood on concrete (with pre-hammering)

■ recommended
■ feasible