

HORHOOKU

INSTALLATION MANUAL



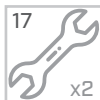
C20/25



S235



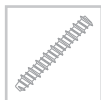
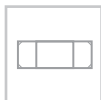
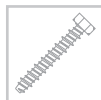
TOOLS



ULS



VINYLESTER ⁽¹⁾

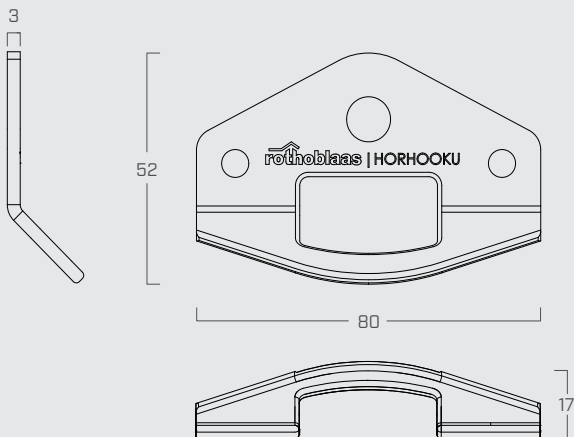


Nm

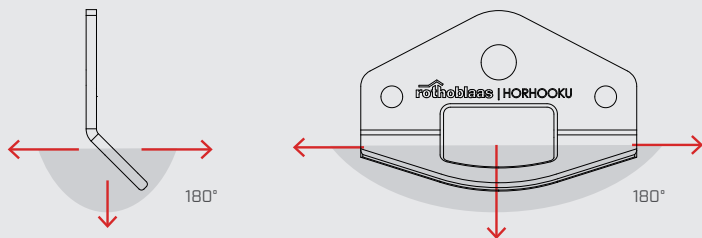


⁽¹⁾ VINYLESTER CHEMICAL
ANCHOR WITHOUT STYRENE

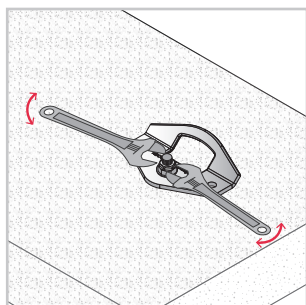
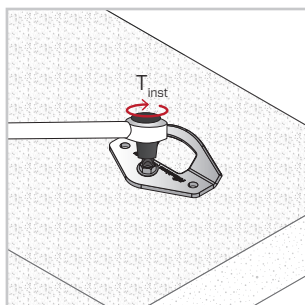
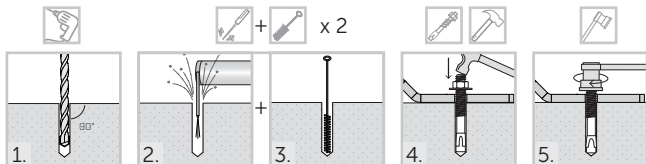
HORHOOKU DIMENSIONS



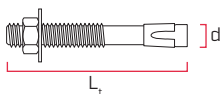
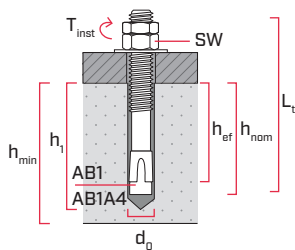
LOAD TEST MODEL



HOORHOOKU CONCRETE SUBSTRUCTURE

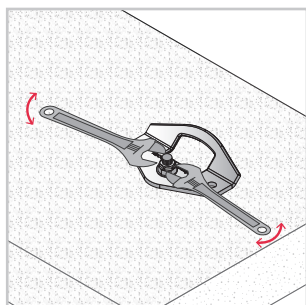
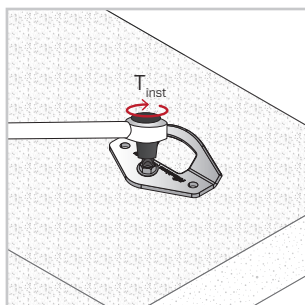
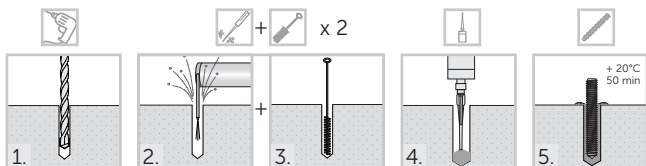


AB1

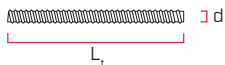
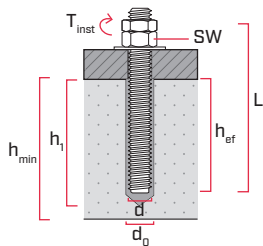


d	=	d ₀ = M10		h _{ef}	=	60 mm
L _t	=	115 mm		SW	=	17 mm
h ₁	≥	75 mm		T _{inst}	=	40 Nm
h _{nom}	=	68 mm		h _{min}	≥	120 mm

HOORHOOKU CONCRETE SUBSTRUCTURE



M10 - 8.8 min/A2



$$80 \leq h_{ef} \leq 200 \text{ mm}$$

$$h_{min} \geq h_{ef} + 30 \text{ mm}$$

$$L \geq h_{ef} + 40 \text{ mm}$$

$$h_{min} \geq 110 \text{ mm}$$

$$d_0 = 12 \text{ mm}$$

$$d = 10 \text{ mm}$$

$$SW = 17 \text{ mm}$$

$$T_{inst} = 20 \text{ Nm}$$

HOORHOOKU CONCRETE SUBSTRUCTURE



C20/25



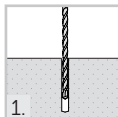
SKR CE



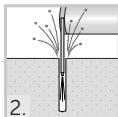
Nm



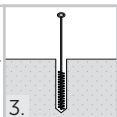
x 2



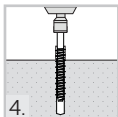
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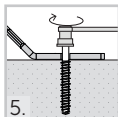
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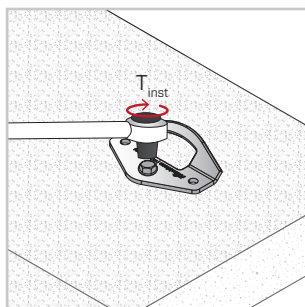
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4.

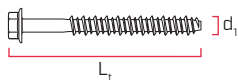
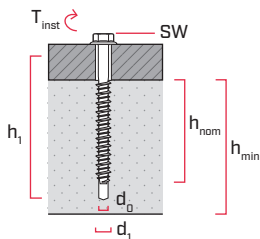


5.



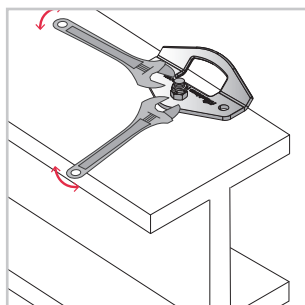
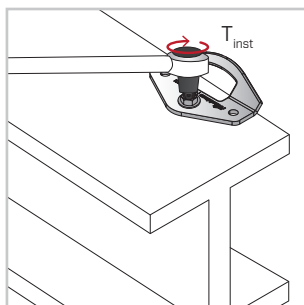
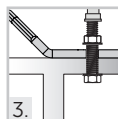
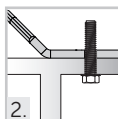
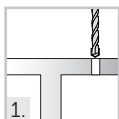
SKR CE

SKR CE 10 x 90 mm

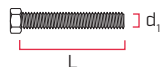
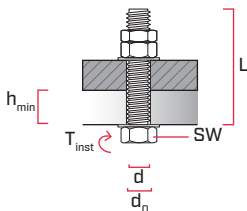


$h_1 \geq 100 \text{ mm}$	$d_1 = 10 \text{ mm}$
$d_0 = 10 \text{ mm}$	$SW = 17 \text{ mm}$
$h_{min} \geq 150 \text{ mm}$	$T_{inst} = 55 \text{ Nm}$
$L = 90 \text{ mm}$	$h_{nom} \geq 45 \text{ mm}$

HOORHOOKU STEEL SUBSTRUCTURE



M10 - 8.8 min/A2-A4



d = 10 mm	SW = 17 mm
d ₀ = 10,5 mm	8.8 ▶ T _{inst} = 55 Nm
L ≥ 30 mm	A2-A4 ▶ T _{inst} = 45 Nm
L ≥ h _{min} + 25 mm	
h _{min} ≥ 5 mm	

HOORHOOKU

WOOD SUBSTRUCTURE



CLT



ULS



x2

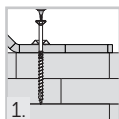


Nm



x2

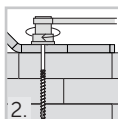
x2



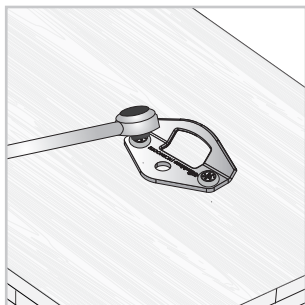
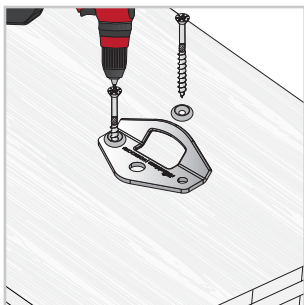
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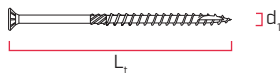
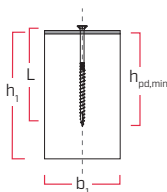
x1



2.



HBS 6 X 100 mm



h_1	$\geq$	100 mm	$T_{inst} =$	30 Nm
d	$=$	6 mm	$T_{inst} =$	40 Nm
L	$\geq$	100 mm		
$h_{pd,min}$	$\geq$	83 mm		

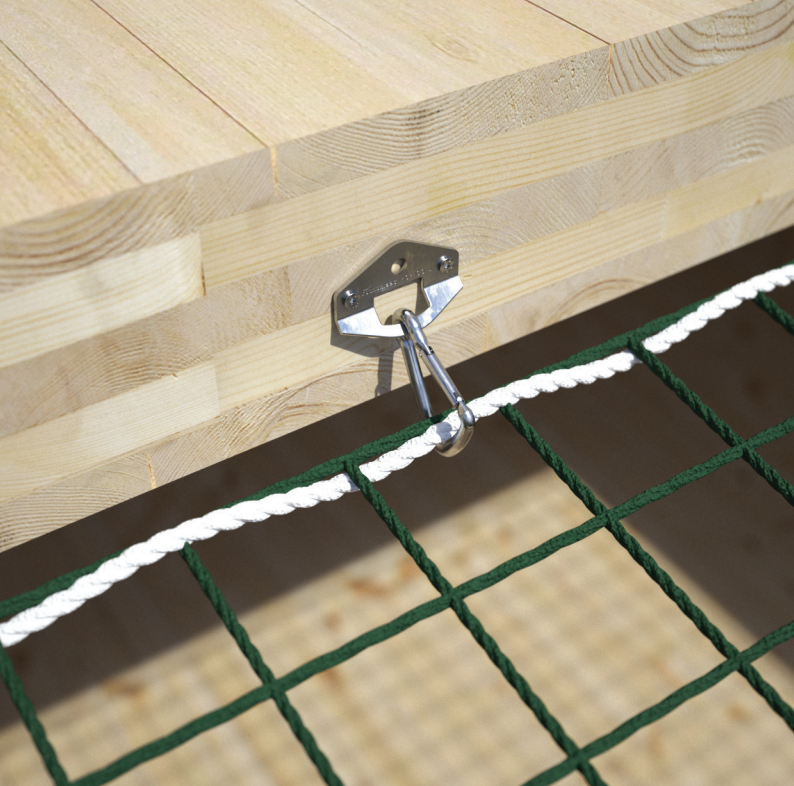
■ USAGE

HORHOOKU + HORHOOKCAR



HORHOOKU + HORHOOKSLI





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06-22

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