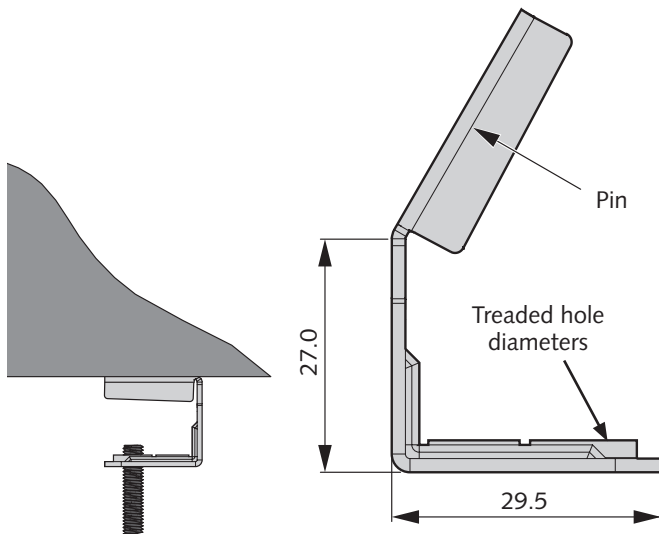
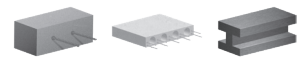


SPIT threaded rod hanger



APPLICATION

- Metal clip to hang threaded rod (M6/M8), chains or suspension cables

PROPERTIES MATERIAL

- Steel E24, thickness 1.5 mm
- Coating, electroplating 7 to 15 µm
- TRH-CLIP element with threaded hole diameters for M6-M8 (code 011430)

TOOL

P800E

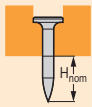

PINS TYPE RECOMMENDED

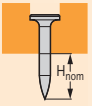

- HC6-15 in steel base material
- HC6-15, HC6-17, HC6-22 in concrete C50/60 and prestressed concrete
- C6-20, C6-25 in concrete C30/37 maximum

APPLICATION LIMITS

- Static application only
- Maximum rod length: 600 mm

RECOMMENDED LOAD

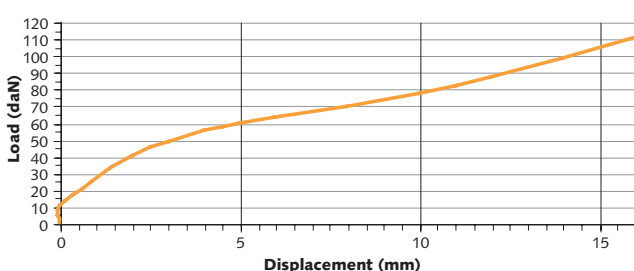
HC6-15			Characteristic resistance	Recommended load	TRH-CLIP displacement at the recommended load
			N_{Rk} (kN)	N_{Rec} (kN)	$d(N_{Rec})$ (mm)
	$f_{uk} = 410 - 450 \text{ N/mm}^2$	$H_{nom} = 6.5 \text{ mm}$	5.0	1.5	9.5
	$f_{uk} = 500 - 550 \text{ N/mm}^2$				

HC6 range			Recommended load	TRH-CLIP displacement at the recommended load	Code
			N_{Rec} (kN)	$d(N_{Rec})$ (mm)	
	$\geq \text{C20/25}$	$H_{nom} \geq 15 \text{ mm}$	0.10	0.4	011430: M6-M8
	Prefabricated Prestressed	$H_{nom} = 10-12 \text{ mm}$	0.10	0.4	011431: M8-M10

$N_{rec} = N_{Rk} / 3$: the recommended load is calculated from the characteristic load and a global safety factor equal to 3.

Minimum 5 fixings per part fastened.

TRH-CLIP DEFORMATION



FIRE TEST

Test report. nb 05-158/A (CSTB)



TRH-Clip + HC6-17 pin	Characteristic resistance under fire exposure		
	$N_{Rk,fi}$ (kN) 30 mn	$N_{Rk,fi}$ (kN) 60 mn	$N_{Rk,fi}$ (kN) 90 mn
C20/25 $H_{nom} = 15 \text{ mm}$	0.25	0.13	0.02

$N_{Rd,fi}(t) = N_{Rk,fi} / \gamma_{M,fi}$, usually the safety factor under fire exposure $\gamma_{M,fi} = 1$.