Pulsa 700E Cordless Gas Nailer



In accordance with:

EN 292-1, 2 & 12549

EN 50081-1 & 2

EN 55011 / 55014 / 55104

EN 50082-1

prEN 792-1 & 792-13 :2000E

Tool directive:

98/37/CEE & 89/392/CEE

CEM 89/336/CEE & 93/68/CEE

Fuel cell:

75/324/CEE

Battery:

98/101/EC

Tool Specifications	
Name	SPIT Pulsa 700E
Impact force	82 J
Weight	3.6 kg
Overall dimension L x D x H	383 x 109 x 295 mm
Energy	Fuel cell and battery
Fastener lengths	15 to 40 mm collated

Characteristics
Fully automatic tool (1000 shots per hour)
20 pin magazine (10 in strip)
Automatic fuel injection (used T° - 5°C to + 40°C)
Battery charging time : 1 hour
Fuel cell : 850 shots (20°C), battery : 1200 shots

Safety Specifications
Actuation pressure : 5 kg
LED indicator
Noise level, EN 12549 : LWA,1s = 109 dB(A) / LpA,1s,1m = 96 dB(A) / LpA,1s,0 = 100 dB(A)
Vibration, EN ISO 8662-11 : 3.1 $m\text{-}s^{-2}$

Accessories	Consumables
40 Pin Magazine	C6 , HC6, CG6 Pins
PulsaLift Pole Tool	E-Clip, P-Clip, ECAV, Metal P-Clip, Futurfix, Clip Elec, Cable Bow, CT Clip, Steel Banding, Prysmian Firefix, TRH
Cleaning Kit	
Magnetic Pin Guide	
Flared Pin Guide	
Electrical Pin Guide	

Technical Helpline UK: 0800 731 4924
Technical Helpline ROI: 1 800 882 388

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Pulsa 700P Cordless Gas Nailer



In accordance with:

EN 292-1, 2 & 12549

EN 50081-1 & 2

EN 55011 / 55014 / 55104

EN 50082-1

prEN 792-1 & 792-13 :2000E

Tool directive:

98/37/CEE & 89/392/CEE

CEM 89/336/CEE & 93/68/CEE

Fuel cell:

75/324/CEE

Battery:

98/101/EC

Tool Specifications	
Name	SPIT Pulsa 700P
Impact force	100 J
Weight	3.6 kg
Overall dimension L x D x H	383 x 109 x 295 mm
Energy	Fuel cell and battery
Fastener lengths	15 to 40 mm collated

Characteristics
Fully automatic tool (1000 shots per hour)
20 or 40 pin magazine (10 in strip)
Automatic fuel injection (used T° - 5°C to + 40°C)
Battery charging time : 1 hour
Fuel cell : 690 shots (20°C), battery : 1200 shots

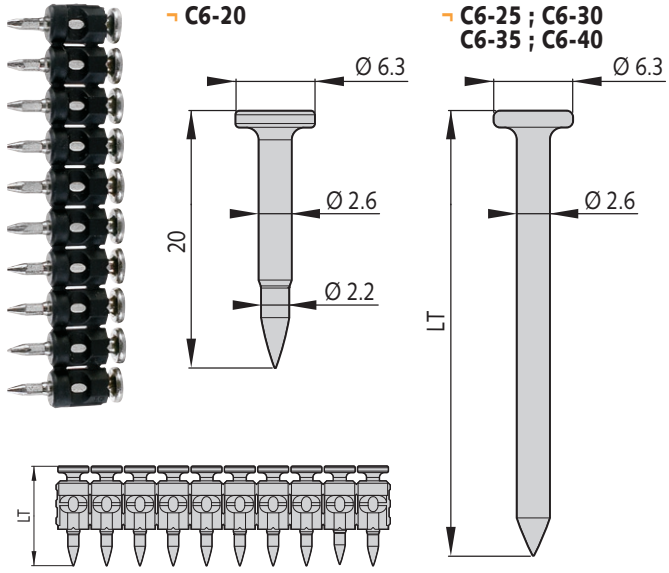
Safety Specifications
Actuation pressure : 5 kg
LED indicator
Noise level, EN 12549 : LWA,1s = 110 dB(A) / LpA,1s,1m = 97 dB(A) / LpA,1s,0 = 101 dB(A)
Vibration, EN ISO 8662-11 : 3.2 $m\text{-}s^{-2}$

Accessories	Consumables
40 Pin Magazine	C6 , HC6, SC6 Pins
Magnetic Pin Guide	Steel washer
Cleaning Kit	

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Pulsa C6 Pins



Description

- For drywall track and wiring accessories

Material properties

Carbon steel shank

- Total length Lt : 20, 25, 30, 35 or 40mm
- Electrogalvanised, min zinc coating 5 µm

Tools

Pulsa 700E & Pulsa 700P

Approvals

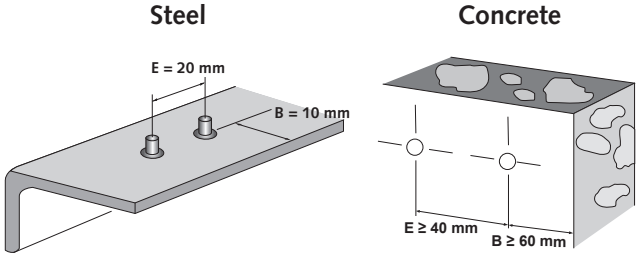
CSTB Technical approval 3/06 - 460

Nail length selection

C6 range	Length (LT)	Eurocode Black strip 500 pcs/box	Eurocode Flush head range* 500 pcs/box
C6-20	20	046310	011225
C6-25	25	046320	011853
C6-30	30	046330	011860
C6-35	35	046340	-
C6-40	40	-	046350

* Leaves no plastic residue after fixing

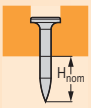
Recommended spacing



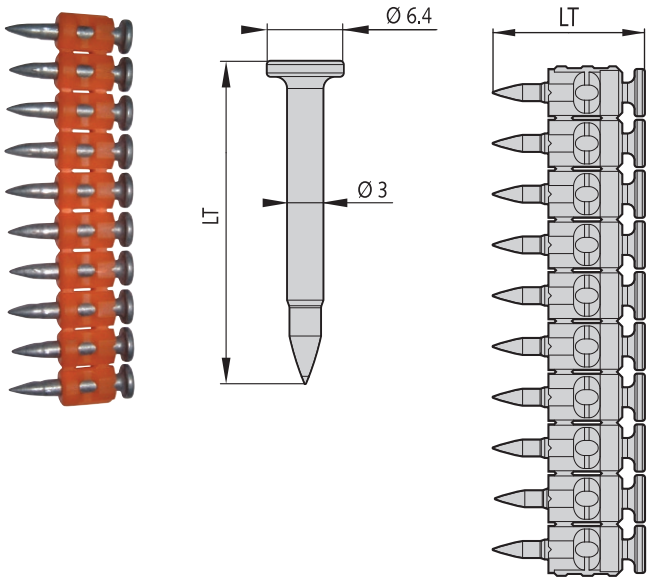
B = the minimum distance from the edge

E = the minimum space between two fixings

Recommended loads

C6 range		Characteristic resistance		Recommended load	
		N_{Rk} (kN)	V_{Rk} (kN)	N_{Rec} (kN)	V_{Rec} (kN)
 C20/25 to C30/37	H_{nom} = 20mm	1.41	0.75	0.10	0.10

Pulsa HC6 Pins



Description

- For fixing into high strength concrete and steel

Material properties

Shank in carbon steel

- Total length Lt : 15, 17, 22, or 27mm
- Orange collated strip
- **HC6 - 17,22,27**
- Mechanical zinc plating, min zinc coating 10 µm
- **HC6 - 15**
- Electrogalvanised, min zinc coating 5 µm

Tools

Pulsa 700E & Pulsa 700P

Approvals

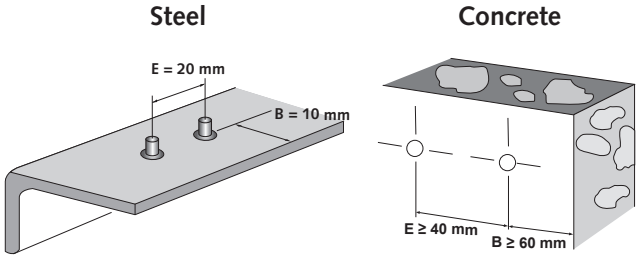
CSTB Technical approval 3/06 - 460

Nail length selection

HC6 range	Length (LT)	Eurocode Orange strip 500 pcs/box	Eurocode Flush head range* 500 pcs/box
HC6-15	15	053206	011855
HC6-17	17	011876	053893
HC6-22	22	011891	053204
HC6-27	27	011877	053205
HC6-32	32	053207	-

* Leaves no plastic residue after fixing

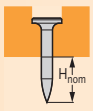
Recommended spacing



B = the minimum distance from the edge

E = the minimum space between two fixings

Recommended loads

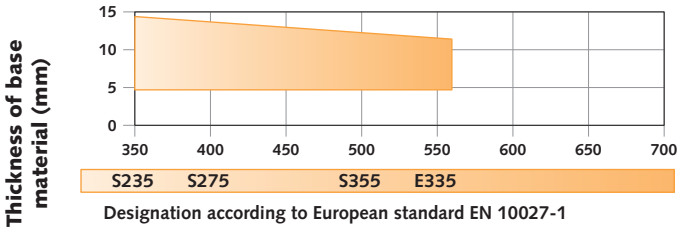
HC6 range		Characteristic resistance		Recommended load	
		N_{Rk} (kN)	V_{Rk} (kN)	N_{Rec} (kN)	V_{Rec} (kN)
C30/35 to C60/70	H_{nom} = 20mm	1.41	0.75	0.1	0.1
f_{uk} = 410 - 450 N/mm²	H_{nom} = 6.5mm	5.0	3.6	1.5	1.2
f_{uk} = 500 - 550 N/mm²					

Application limit

Concrete: C50/60

Prestressed - Prefabricated concrete C60/70

Steel



Designation according to European standard EN 10027-1

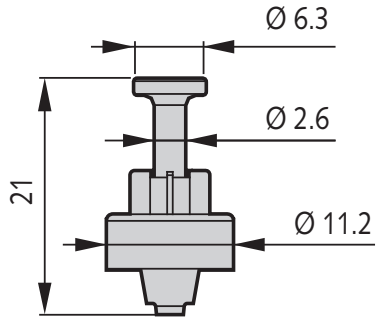
Ultimate tensile strength of base material (N/mm²)

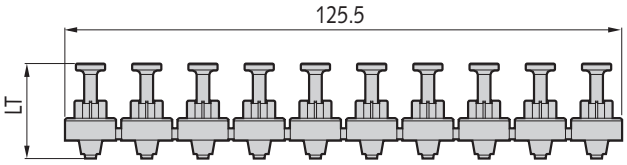
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Pulsa CG6 & HCG6 Pins







Description

- For PVC-U trunking
- The patented energy absorber design eliminates damage to the trunking and prevents deformation
- The head of the nail is designed to countersink into the washer stopping contact between the metal nail head and cabling

Material properties

Carbon steel shank

- Total length Lt : 20, 25, 30, 35mm
- Electrogalvanised, min zinc coating 5 µm

Tools

Pulsa 700E

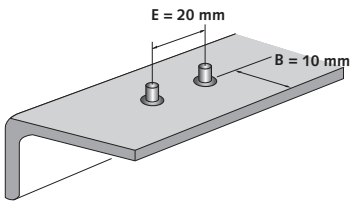
Nail length selection

CG6 range	Length (LT)	Eurocode White strip 500 pcs/box
HCG6-15	15	011210
CG6-20	20	046610
CG6-25	25	046620
CG6-30	30	011211
CG6-35	35	011212

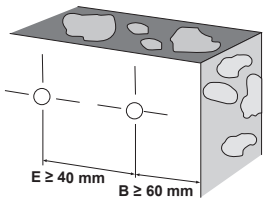
* Leaves no plastic residue after fixing

Recommended spacing

Steel



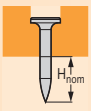
Concrete



B = the minimum distance from the edge

E = the minimum space between two fixings

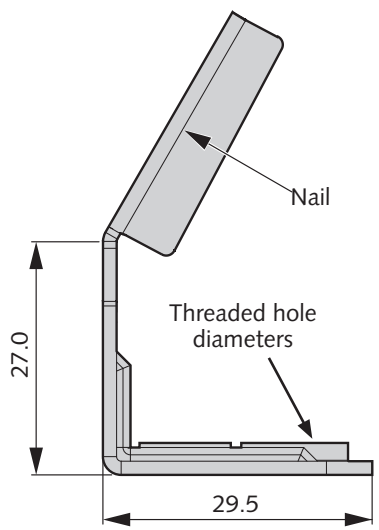
Recommended loads

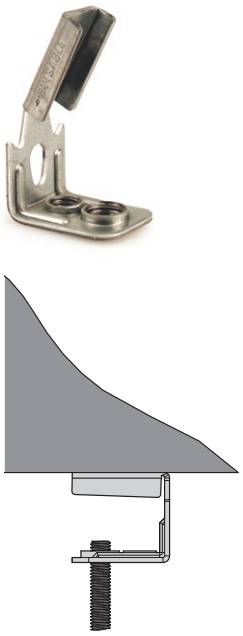
C6 range		Characteristic resistance		Recommended load	
		N_{Rk} (kN)	V_{Rk} (kN)	N_{Rec} (kN)	V_{Rec} (kN)
 C20/25 to C30/37	H_{nom} = 20mm	1.41	0.75	0.10	0.10

Edge and distance spacing

Base material	Minimum edge distance C	Minimum spacing distance S
Concrete	60	40
Prestressed / Prefabricated Concrete	40	30

Pulsa Threaded Rod Hanger (TRH)





Material properties

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

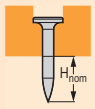
Tools

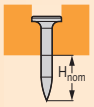
Pulsa 700E

Nail types recommended

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

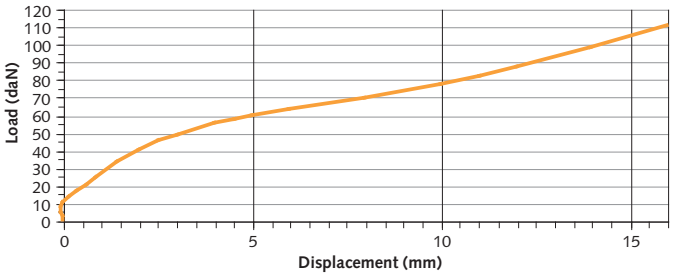
Recommended loads

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 N/mm²	H_{nom} = 6.5mm	5.0	1.5	9.5
	f_{uk} = 500 – 550 N/mm²				

HC6 range			Characteristic resistance	Recommended load	TRH-CLIP displacement at the recommended load
			N_{Rk} (kN)	N_{Rec} (kN)	$d(N_{Rec})$ (mm)
	C20/25	H_{nom} = 15mm	0.87	0.10	1.0
		H_{nom} = 20mm	1.41	0.10	1.0
	C40/50	H_{nom} = 10mm	0.34	0.10	1.0
		H_{nom} = 15mm	0.87	0.10	1.0
	Prefabricated Prestressed	H_{nom} = 10-12mm	0.34	0.10	1.0

STATIC LOAD ONLY

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} = 15mm	0.25	0.13	0.02

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

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