

## TRUTEK LV350 - SEMI-AUTOMATIC PAT

### Usage:

- individual fasteners in concrete and steel with nails 16mm to 62mm long
- fixing steel drywall profiles
- fixing in electric holders and installation accessories
- individual fastening of flashings during facade assembly
- single fastening of steel and trapezoidal sheets for steel structures



### Advantages:

- speed of work - setting directly in the ground without the need for drilling both in the ground and in the material being fastened
- automatic reloading of powder charge - a strip of cartridges with 10 pieces allows for 10 fastenings without shifting powder charge
- simple operation and maintenance
- highest safety of work with the fastening tool, protection against unwanted firing of powder charge
- small size and weight make work much easier

### Substrate material:

Concrete and reinforced concrete class max. C30 / 37, hot rolled structural steel, solid ceramic brick, silicate block and hollow silicate block

Technical data of the LV350 nailer	
Tool weight	2,35kg
Tool length	340mm
Guide diameter	8mm
Cartridge caliber	6.8 / 11 in strips of 10 pieces

### Selection of ammunition depending on the type of ground

Product Code	Power	Colour	Steel <8mm	Steel >6mm	Steel >4mm	Concrete C40/45	Concrete C20/25	Concrete >C16/20	Silicate Brick	Full Brick
TCRM	Strong	Red								
TCYM	Average	Yellow								
TCGM	Weak	Green								



Use in the following tools: TRUTEK LV350, DX460, DX5



### Single nails - TD for embedding in steel and concrete

Product Code	Diameter dxL [mm]	Min. Embedment depth in the ground [mm]				Max. attached element thickness [mm]			
		C16/20	C20/25	C25/30	Steel	C16/20	C20/25	C25/30	Steel
TD16	3,8x16	-	-	-	4	-	-	-	6
TD19	3,8x19	-	-	-	4	-	-	-	9
TD22	3,8x22	-	-	-	4	-	-	-	12
TD27	3,8x27	22	22	22	4	5	5	5	17
TD32	3,8x32	22	22	22	4	10	10	10	22
TD37	3,8x37	22	22	22	4	15	15	15	27
TD42	3,8x42	22	22	22	4	20	20	20	32
TD47	3,8x47	22	22	22	4	25	25	25	37
TD52	3,8x52	22	22	22	4	30	30	30	42
TD57	3,8x57	22	22	22	4	35	35	35	47
TD62	3,8x62	22	22	22	4	40	40	40	52

Use in the following tools: TRUTEK LV350, DX460, DX5



## TMWP nails with a metal washer Ø23mm

Product Code	Diameter dxL [mm]	Min. Embedment depth in the ground [mm]				Max. attached element thickness [mm]			
		C16/20	C20/25	C25/30	Steel	C16/20	C20/25	C25/30	Steel
TMWP27	3,8x27	22	22	22	4	5	5	5	17
TMWP32	3,8x32	22	22	22	4	10	10	10	22
TMWP47	3,8x47	22	22	22	4	25	25	25	37

Use in the following tools: TRUTEK LV350, DX460, DX5

## Strength parameters of single TD nails

Pin designation	TD
Recommended load capacity for pulling out the nail from the steel substrate [kN]	2,0
Recommended load-bearing capacity for pulling the nail out of the concrete substrate [kN]	1,0
Design load on nail shear in steel substrate and in concrete [kN]	2,0
Minimum center distance in steel in [mm]	12
Minimum inter-axle spacing in concrete C20 / 25w [mm]	75
Minimum distance from the edge in steel in [mm]	25
Minimum distance from the edge in concrete C20 / 25w [mm]	75

