

## DESCRIPTION

- Temporary fastening of steel sheets for steel decking

## PROPERTIES MATERIAL

### Shank :

- Carbon steel
- Hardness  $\geq 56$  HRC
- Mechanical zinc plating, min zinc coating  $10 \mu\text{m}$

### Top hat (only for single shot version) :

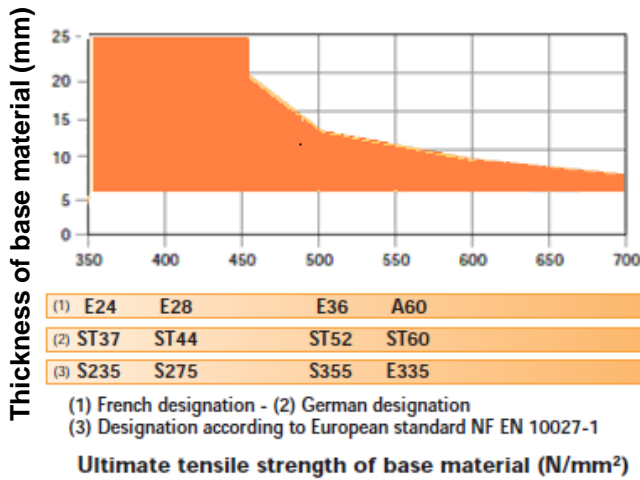
- Steel electrogalvanizing,

The steel top hat sticks the deck on the structure.  
This specific shape gets the best finish and lower the risk of finger injury.

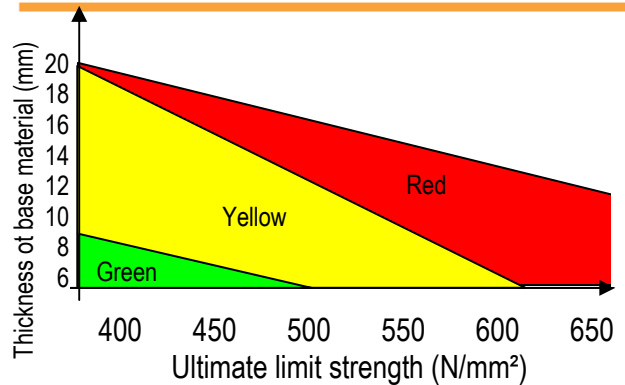
## TOOL

- P370

## APPLICATION LIMIT



## POWER SETTING



## RECOMMENDED LOAD

The recommended load given below, are suitable for a resistance of base material higher than  $400 \text{ N/mm}^2$  and with a minimum thickness of 6 mm.

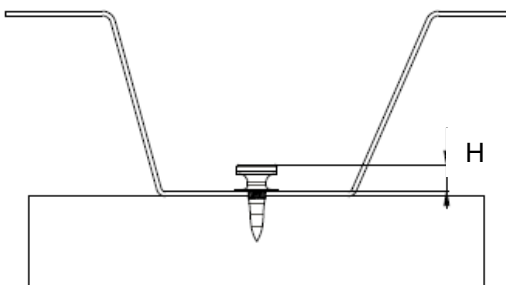
| Sheet thickness <sup>(1)</sup><br>fuk > 390<br>N/mm <sup>2</sup><br>(S320GD) | Design resistance [kN] |          | Recommended load [kN] |           |
|--|------------------------|----------|-----------------------|-----------|
|  | Tensile                | Shear    | Tensile               | Shear     |
|  | $N_{Rd}$               | $V_{Rd}$ | $N_{Rec}$             | $V_{Rec}$ |
| 0,75 mm  | 2,5                    | 3,0      | 1,7                   | 2,0       |
| 1,00 mm  | 3,3                    | 3,7      | 2,2                   | 2,5       |
| 1,25 mm  | 3,9                    | 4,8      | 2,6                   | 3,2       |
| 1,50 mm  | 4,6                    | 4,8      | 3,1                   | 3,2       |
| 2,00 mm  | 6,0                    | 4,8      | 4,0                   | 3,2       |

$F_{rec} = F_{Rk} / 2.5$  : the recommended load is calculated from the characteristic load and a global safety factor equal to 2.5.

Recommended load is calculated with a safety factor  $\gamma_F = 1.5$ .

<sup>(1)</sup> For a sheet thickness equal to 2 mm, it is possible to use 2 sheets of 1 mm.

## CONTROL FIXING



$H_{min} = 6 \text{ mm}$  and  $H_{maxi} = 7 \text{ mm}$  for guaranteeing the recommended working loads within the application limits.  
Maximum sheet thickness: 2 sheets with max thickness of 1mm.