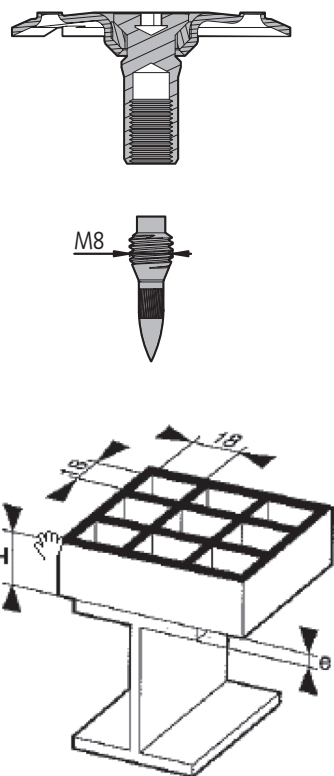


SPIT SA12-8 / grating system



APPLICATION

Fixing of grating

Suitable for grids of 20 to 45 mm in height and base steel at least 6 mm thick, with a mesh dimension higher than 18x18 mm to allow the clearance of the setting tool.

PROPERTIES MATERIAL

Pin

- Fine carbon steel.
- Core hardness: 54 - 58 HRC.
- Electrogalvanizing min. zinc coating 7 µm.

Spacer washer

- Sleeve steel, coated with 15 to 20 µm zinc plating.
- Ring in thermoplastic (anti-UV).
- Washer in steel with high yield limit coated with 15 to 20 µm zinc plating.

TOOLS

P560 + kit

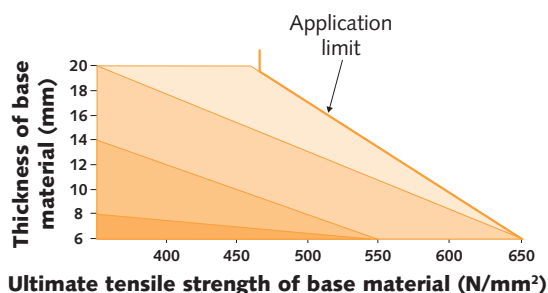
ACCESSORIES

→ For SA12-8 pins, use kit:

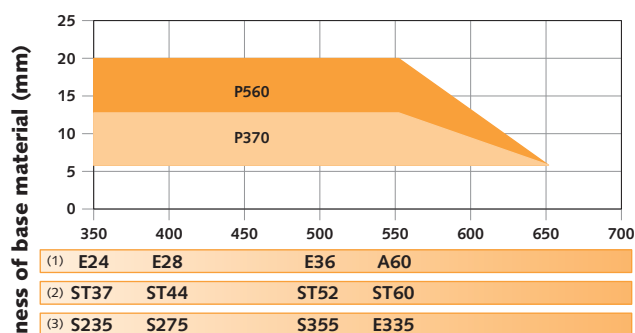
- P560: SA 12-8 kit. Product code: 013969



POWER SETTING



APPLICATION LIMIT



(1) French designation - (2) German designation
 (3) Designation according to European standard NF EN 10027-1

Ultimate tensile strength of base material (N/mm²)

SPIT SA12-8 / grating system



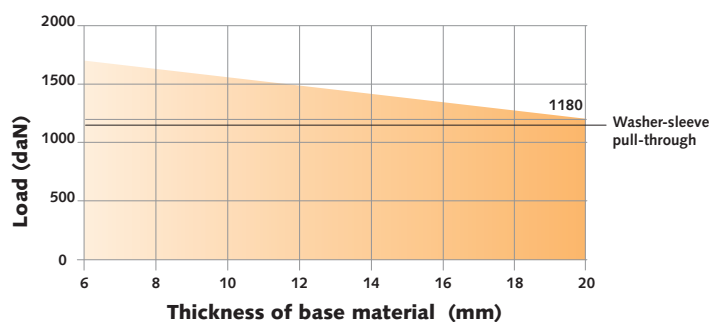
PIN LENGTH SELECTION

Pins designation	Thickness of grids				
	25	30	35	40	45
SA 12-8 10/25 Code: 033750	RE 25 499610	RE 30 499620	-	RE 40 499630	-
SA 12-8 15/30 Code: 033760	-	RE 30 499620	RE 30 499620	RE 40 499630	RE 40 499630

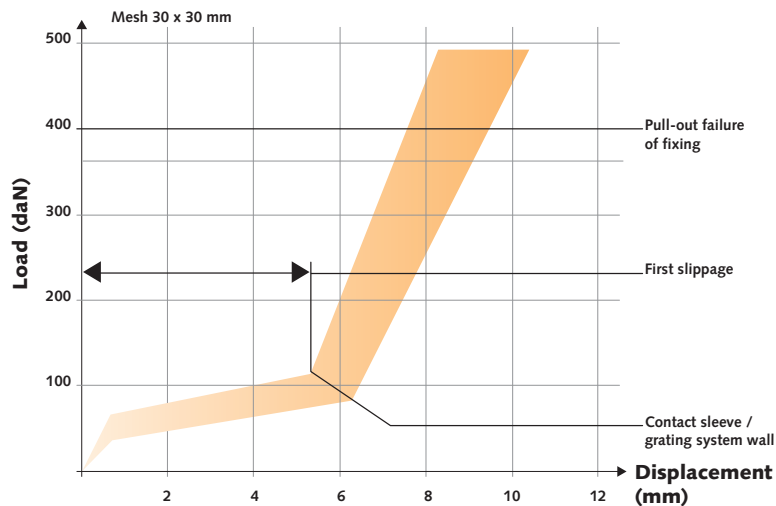
RECOMMENDED LOAD

The pull-through value of the spacer-washer is 1180 daN.

Tensile



Shear



- Fixing density: Around 4 or 5 fixings per m² (see the specification sheet of the supplier of grating).
- Fixing position: Minimum distance from edge of the beam is 15 mm.
- Screwing washer-sleeve: Tighten to the torque equal to 6 Nm (correspond to the load 250 daN).

CONTROL FIXING

H	Image	Hmin	Hmax
		SA 12-8 10/25	10
SA 12-8 15/30		15	18.5