

HSL-3-G M10 PA

Features:	- high loading capacity
Material:	- - grade 8.8 acc. DIN EN ISO 898-1 galvanised to min. 5 microns



Basic loading data (for a single anchor): HSL-3-G M10 PA

All data on this page applies to

- hollow concrete slabs Betonson type HVP 200-11 and IVP 200-11, $f_{cc} \geq 60\text{N/mm}^2$
- minimum edge distance 200 mm, minimum spacing 200 mm.
- correct setting

Mean ultimate resistance, $R_{u,m}$ [kN]:

Anchor size	M10
Tensile $N_{R_{u,m}}$	31.6
Shear $V_{R_{u,m}}$	31.6

Characteristic resistance, R_k [kN]:

Anchor size	M10
Tensile N_{R_k}	17.4
Shear V_{R_k}	17.4

Design resistance, R_d [kN]:

Anchor size	M10
Tensile N_{R_d}	8.1
Shear V_{R_d}	8.1

Recommended load, L_{rec} [kN]:

Anchor size	M10
Tensile N_{rec}	5.8
Shear V_{rec}	5.8

Installation equipment

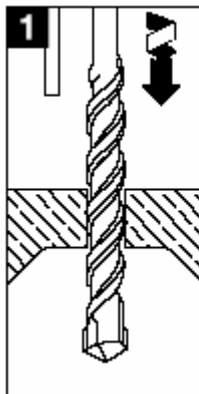
Rotary hammer TE 2; TE 6-S; TE 7-C; TE 16/16-C/16-M; drill bit dia 15 mm, hammer, torque wrench.

Setting details

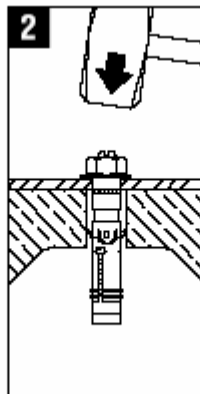
Anchor		HSL-3-G M10 PA
t_{fix}	[mm] Fastenable thickness	max 15
d_0	[mm] Nominal diameter of drill hole	15
l	[mm] length of threaded rod	85
	[mm] Washer diameter	35
h_{min}	[mm] Minimum base material thickness above core	30
h_{max}	[mm] Maximum base material thickness above core	40
S_w	[mm] Width across flats	17
T_{inst}	[Nm] Torque moment	35

Setting operations

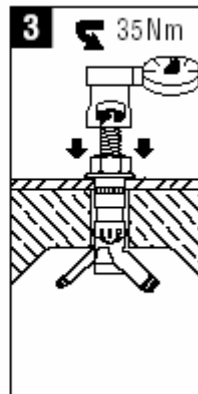
Setting



Drill hole.

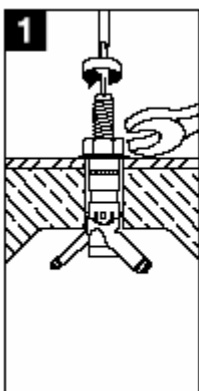


Hammer in anchor.

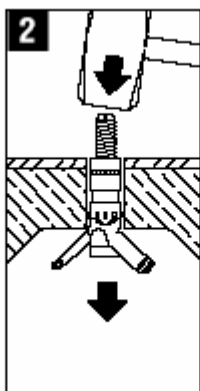


Apply tightening torque.

Removal



Unscrew the nut.



Hammer the anchor into the hole.

