

Loads

HybridPower			
Recommended loads ¹⁾ for a single anchor.			
Type			HybridPower 10x90 Special screw
Screw diameter		[mm]	7
Min. edge distance in concrete	c_{min}	[mm]	65
Recommended loads F_{rec} ²⁾ in the respective base material			
Concrete	$\geq C20/25$	[kN]	4.62
Light-weight concrete solid block	$\geq VbI\ 2$	[kN]	0.80
Solid brick	$\geq Mz\ 10$	[kN]	1.60
Solid sand-lime brick	$\geq KS\ 10$	[kN]	2.50
Aerated concrete	$\geq AAC\ 2$	[kN]	0.40
Sand-lime hollow block	$\geq KSL\ 10\ (\rho \geq 1.2\ kg/dm^3)$	[kN]	1.20
Vertically perforated brick	$\geq HLz\ 10\ (\rho \geq 0.9\ kg/dm^3)$	[kN]	0.50

¹⁾ Required safety factors are considered. Valid for installation and use in dry base material for temperatures in the substrate up to +24 °C (resp. short term up to +40 °C).

²⁾ Valid for tensile load, shear load and oblique load under any angle.