

## Loads $F_{rec}$ and installation parameters for FBS and FBS-Z

		Concrete	Solid brick ≥ MZ20	Solid sand-lime brick ≥ KS12	Lightweight concrete <sup>1)</sup>	Hollow bricks <sup>1)</sup>
Tension load $F_{rec}$	[kN]	1,0	0,7	1,0	0,2	0,2
Shear load $F_{rec}$	[kN]	0,5	-	-	-	-
Drill hole $\varnothing$	[mm]	6	6	6	6	6
Screw insertion depth $h_{nom}$	[mm]	≥ 40	≥ 50	≥ 50	≥ 60	≥ 60 min. 2 brick walls
Min. drill hole depth $h_1$	[mm]	≥ 50	≥ 60	≥ 60	≥ 70	-
Min. edge distance $c_{min}$	[mm]	50	60	60	60	60

$F_{rec}$  = Recommended loads incl. safety factor

<sup>1)</sup> Hole must be made with a rotary drill (hammer switched off)