

**Hollow-ceiling anchor FHY stainless steel A4**

Recommended loads<sup>1)</sup> of a single anchor in pre-stressed hollow-core concrete slabs of strength class  $\geq$  C45/55.

Type	Material/surface	Screw material	Bottom flange thickness $d_b$ [mm]	Installation torque $T_{inst}$ [Nm]	Required edge distance (with one edge) for max. load $c_{cr}$ [mm]	Pre-stressed hollow-core slab		
						Recommended tension ( $N_{rec}$ ) and shear loads ( $V_{rec}$ ); minimum spacing ( $s_{min}$ ) and edge distances ( $c_{min}$ ) with reduced loads		
						$F_{rec}$ <sup>2)</sup> [kN]	$s_{min}$ <sup>3)</sup> [mm]	$c_{min}$ <sup>3)</sup> [mm]
FHY M6 A4	A4	A4 - 50	25 - 29	10	150	0.7	70	100
	A4	A4 - 50	30 - 39	10	150	0.9	80	100
	A4	A4 - 50	$\geq 40$	10	150	2.0	100	100
FHY M8 A4	A4	A4 - 50	25 - 29	10	150	0.7	70	100
	A4	A4 - 50	30 - 39	10	150	0.9	80	100
	A4	A4 - 50	$\geq 40$	10	150	2.0	100	100
FHY M10 A4	A4	A4 - 50	30 - 39	20	150	1.2	80	100
	A4	A4 - 50	$\geq 40$	20	150	3.0	100	100

<sup>1)</sup> Required safety factors are considered.

<sup>2)</sup> Maximum load for char. spacing and edge distances. Valid for tensile load, shear load and oblique load under any angle.

<sup>3)</sup> Minimum possible axial spacings resp. edge distance while reducing the recommended load.