

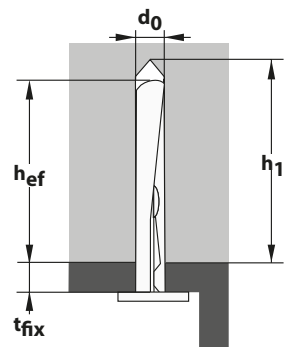




Feuerwiderstandsklasse
R120
Dübelgröße
siehe Prüfbericht



Features

- Small drill hole depth
- Quick and secure installation without special tools
- Impact lock prevents premature spreading
- Fire resistance class R120
- Approved by the building authorities



Pack	Item No.	Type	Content Anchor	Content Screw	Anchor Ø	Anchor length	Screw Size	Drill Ø	Min. Drill hole depth	Effective anchorage depth	Fixture Thickness	Approval
	Top		per pack	per pack	mm	mm	Ø mm	d ₀ Ø mm	h ₁ ≥ mm	h _{ef} ≥ mm	t _{fix} ≤ mm	ETA
	088 102 01	6/35	100x	-	6	40	-	6	40	32	5.0	■
	088 102 06	6/65	100x	-	6	70	-	6	40	32	35.0	■
	Top		per pack	per pack	mm	mm	Ø mm	d ₀ Ø mm	h ₁ ≥ mm	h _{ef} ≥ mm	t _{fix} ≤ mm	ETA
	088 702 011	6/35	6x	-	6	40	-	6	40	32	5.0	-
	088 702 061	6/65	4x	-	6	70	-	6	40	32	35.0	-

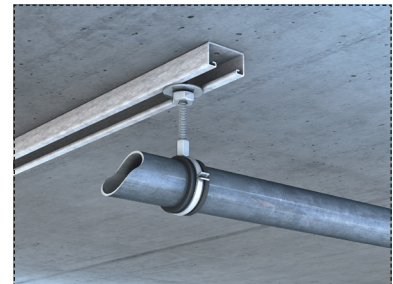


Top	6/35	6/65
Effective anchoring depth	32 mm	32 mm
Permissible load of a single anchor without edge influence F_{rec}		
cracked and uncracked concrete C20/25	120 kg	120 kg
permissible bending moment M_{rec}	3.1 Nm	3.1 Nm
Component dimensions and installation characteristics		
minimum spacing s_{min}	200 mm	200 mm
minimum edge distance c_{min}	150 mm	150 mm
minimum member thickness h_{min}	80 mm	80 mm
Drill hole diameter d_0	6 mm	6 mm
Drill hole depth $h_1 \geq$	40 mm	40 mm

- When sizing, the entire declaration of performance of the Top must be observed
- The partial safety factors of the resistances and a partial safety factor of $\gamma_F = 1.4$ have been considered
- Approved plugs must be used for fixings where safety is of importance (see also www.tox.de/safety+loads)

Description & Area of Application

- Ready-to-install impact anchor of galvanised steel, anchor shaft with perforated washer $\varnothing 15$ mm, thickness 2.5 mm and expansion wedge
- Fire resistance class R120



Processing & Installation

- Use only in dry indoor areas
- For multiple fastenings, even in the tensile zone
- When driving the ceiling anchor into the drill hole, do not hit the expansion wedge
- Only use pressure-resistant attachments
- The wedge must be driven in straight
- Push-through installation

