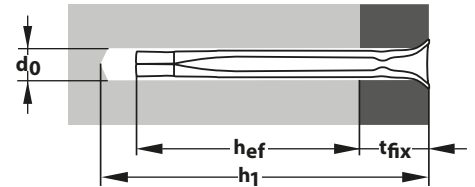





Features

- Just knock in: simple and fast
- Metal sleeve for high holding values
- Simple and time-saving push-through installation



Pack	Item No.	Type	Content nail	Nail Ø	Nail length	Drill Ø	Min. Drill hole depth	Effective anchorage depth	Fixture thickness	Approval
	Attack Metal Speed		per pack	mm	mm	d₀ Ø mm	h₁ ≥ mm	h_{ef} ≥ mm	t_{fix} ≤ mm	ETA
	019 101 80	6/60	50x	6	60	6	70	30	30	-
	019 101 85	8/70	50x	8	70	8	80	40	30	-
	019 101 87	8/90	50x	8	90	8	100	40	50	-
	019 101 89	8/110	50x	8	110	8	120	40	70	-

Building materials & Holding values



Attack Metal Speed	Concrete C 20/25	Solid brick MZ 12	Vertically perforated brick ≥ Hlz12 Bulk density 1 kg/dm ³	Hollow brick ≥ Hbl2	Aerated concrete ≥ PP4	Gypsum plasterboard 12.5 mm	Gypsum fibreboard 12.5 mm
Ø 6	25 kg	15 kg	-	-	-	-	-
Ø 8	30 kg	20 kg	-	-	-	-	-

- The anchoring depth of the plug must be observed
- Drilling method and drill hole cleaning must be adapted to the building material
- The recommended loads only apply to installation in the building material, not for installation in joints
- Approved plugs must be used for fixings where safety is of importance (see also www.tox.de/safety+loads)

Description & Area of Application

- Nail sleeve made of galvanized steel
- Metal sleeve expands along its entire length
- Quick and easy application by simply driving in the nail sleeve with a hammer
- For fixing squared timber and substructures



Processing & Installation

- Drill a hole the size of the plug diameter
- Clean drill hole
- Drive in nail sleeve

