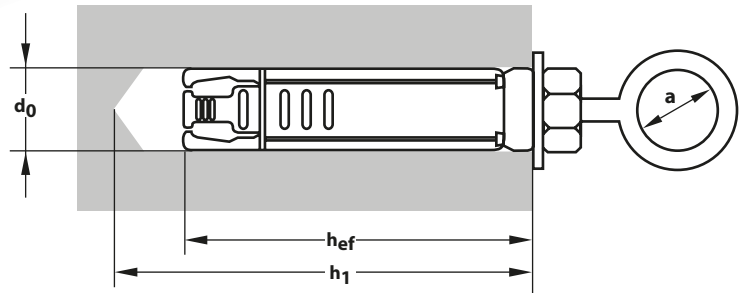




## Features

- Heavy-duty shield anchor with hook bolt or eyelet
- Hook bolt can be loosened and tightened without removing the anchor
- For concrete and solid building materials with dense structure
- High holding values due to 4-way spreading

Pirat Sven-S



Verpackung	Item No.	Type	Content	Anchor	Anchor length	Drive	Drill $\emptyset$	Min. Drill hole depth	Effective anchorage depth	Eye $\emptyset$	Torque Tightening	Approval
	Pirat Sven-S	per pack	metric		mm	SW	$d_0$ $\emptyset$ mm	$h_1 \geq$ mm	$h_{ef}$ mm	a mm	$T_{inst}$ Nm	ETA
	037 103 01	M6 x 40	50x	M6	40	10	10	45	40	8	10	-
	Pirat Sven-S	per pack	metric		mm	SW	$d_0$ $\emptyset$ mm	$h_1 \geq$ mm	$h_{ef}$ mm	a mm	$T_{inst}$ Nm	ETA
	037 703 01	M6 x 40	2x	M6	40	10	10	45	40	8	10	-
Verpackung	Item No.	Type	Content	Anchor	Anchor length	Drive	Drill $\emptyset$	Min. Drill hole depth	Effective anchorage depth	Eye $\emptyset$	Torque Tightening	Approval
	Pirat Sven-O	per pack	metric		mm	SW	$d_0$ $\emptyset$ mm	$h_1 \geq$ mm	$h_{ef}$ mm	a mm	$T_{inst}$ Nm	ETA
	037 102 01	M6 x 40	50x	M6	40	10	10	45	40	10	10	-
	037 102 04	M10 x 60	25x	M10	60	17	16	65	60	14,5	50	-
	Pirat Sven-O	per pack	metric		mm	SW	$d_0$ $\emptyset$ mm	$h_1 \geq$ mm	$h_{ef}$ mm	a mm	$T_{inst}$ Nm	ETA
	037 702 01	M6 x 40	2x	M6	40	10	10	45	40	10	10	-
	Pirat Sven-O	per pack	metric		mm	SW	$d_0$ $\emptyset$ mm	$h_1 \geq$ mm	$h_{ef}$ mm	a mm	$T_{inst}$ Nm	ETA
	037 702 04	M10 x 60	1x	M10	60	17	16	65	60	14,5	50	-



Pirat Sven-S:	Concrete C 20/25	Solid brick MZ 12	Vertically perforated brick $\geq$ Hlz12 Bulk density $\geq$ 1 kg/dm <sup>3</sup>	Hollow brick $\geq$ Hbl2	Aerated concrete $\geq$ PB2, PP2	Gypsum plasterboard 12,5 mm	Gypsum fibreboard 12,5 mm
M6	80 kg	*	-	-	-	-	-

Pirat Sven-O:	Concrete C 20/25	Solid brick MZ 12	Vertically perforated brick $\geq$ Hlz12 Bulk density $\geq$ 1 kg/dm <sup>3</sup>	Hollow brick $\geq$ Hbl2	Aerated concrete $\geq$ PB2, PP2	Gypsum plasterboard 12,5 mm	Gypsum fibreboard 12,5 mm
M6	200 kg	*	-	-	-	-	-
M8	360 kg	*	-	-	-	-	-
M10	480 kg	*	-	-	-	-	-
M12	630 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](http://www.tox.de/safety+loads))
- \*only for solid masonry with dense structure / holding values depend on building material

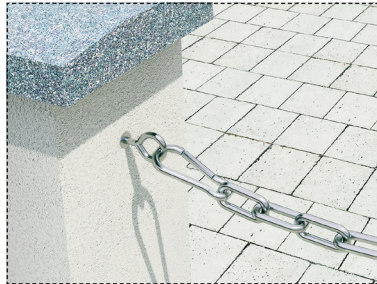
## Description & Area of Application

### Sven-S:

- Shield anchor with hook screw
- Anchor sleeve made of galvanised steel
- For temporary and permanent fixings

### Sven-O:

- Shield anchor with eyebolt
- High quality welding prevents bending of the eye
- Machine plug made of galvanized steel



## Processing & Installation

- For concrete and solid brick with dense structure
- Pre-positioned installation
- The specified torque must be observed

