

# Expansion plug Barracuda



**EXTREME HOLD**

## Features

- Up to 30% greater holding values than other expansion plugs
- Several active rotation locks
- Also suitable for chipboard screws
- High material content for high holding values
- Secure screw guidance
- 100% nylon
- The flexible plug neck adapts itself to the drill hole

Pack	Item No.	Type	Content Plug	Content Screw	Plug Ø	Plug length	Screw Size	Drill Ø	Min. Drill hole depth	Effective anchorage depth	Fixture Thickness	Approval
	Barracuda		per pack	per pack	mm	mm	Ø mm	d <sub>0</sub> Ø mm	h <sub>1</sub> ≥ mm	h <sub>ef</sub> mm	t <sub>fix</sub> ≤ mm	ETA
	013 100 021	5/25	100x	-	5	25	3,0 - 4,0	5	35	25	-	-
	013 100 041	6/30	100x	-	6	30	3,5 - 5,0	6	45	30	-	-
	013 100 061	8/40	100x	-	8	40	4,0 - 6,0	8	55	40	-	-
	013 100 081	10/50	50x	-	10	50	6,0 - 8,0	10	70	50	-	-
	013 100 101	12/60	25x	-	12	60	8,0 - 10,0	12	80	60	-	-
	013 100 121	14/70	20x	-	14	70	10,0 - 12,0	14	95	70	-	-
013 100 141	16/80	10x	-	16	80	12,0	16	105	80	-	-	

Pack	Item No.	Type	Content Plug	Content Screw	Plug Ø	Plug length	Screw Size	Drill Ø	Min. Drill hole depth	Effective anchorage depth	Fixture Thickness	Approval
	Barracuda		per pack	per pack	mm	mm	Ø mm	d <sub>0</sub> Ø mm	h <sub>1</sub> ≥ mm	h <sub>ef</sub> mm	t <sub>fix</sub> ≤ mm	ETA
	013 700 021	5/25	36x	-	5	25	3,0 - 4,0	5	35	25	-	-
	013 700 041	6/30	24x	-	6	30	3,5 - 5,0	6	45	30	-	-
	013 700 061	8/40	12x	-	8	40	4,0 - 6,0	8	55	40	-	-
	013 700 081	10/50	8x	-	10	50	6,0 - 8,0	10	70	50	-	-
	013 700 101	12/60	4x	-	12	60	8,0 - 10,0	12	80	60	-	-
	013 700 121	14/70	2x	-	14	70	10,0 - 12,0	14	95	70	-	-
013 700 141	16/80	2x	-	16	80	12,0	16	105	80	-	-	

Pack	Item No.	Type	Content Plug	Content Screw	Plug Ø	Plug length	Hook	Drill Ø	Min. Drill hole depth	Effective anchorage depth	Eye Ø	Approval
	Barracuda + screw		per pack	per pack	mm	mm	mm	d <sub>0</sub> Ø mm	h <sub>1</sub> ≥ mm	h <sub>ef</sub> mm	t <sub>fix</sub> ≤ mm	ETA
	013 701 021	5/25 S	12x	12x	5	25	4,0 x 40	5	35	25	10	-
	013 701 041	6/30 S	12x	12x	6	30	4,5 x 45	6	45	30	10	-
	013 701 061	8/40 S	10x	10x	8	40	6,0 x 60	8	55	40	14	-
013 701 081	10/50 S	4x	4x	10	50	7,0 x 70*	10	80	50	15	-	

\* Hexagonal woodscrew SW 13

Pack	Item No.	Type	Content Plug	Content Screw	Plug Ø	Plug length	Hook	Drill Ø	Min. Drill hole depth	Effective anchorage depth	Eye Ø	Approval
	Pirat		per pack	per pack	mm	mm	mm	d <sub>0</sub> Ø mm	h <sub>1</sub> ≥ mm	h <sub>ef</sub> mm	a ≤ mm	ETA
	051 701 011	Barbossa-S	4x	4x	8	40	5,0 x 75	8	55	40	14	-
	051 701 081	Barbossa-S XL	2x	2x	10	50	7,0 x 106	10	60	50	30	-
051 701 031	Barbossa-O	2x	2x	8	40	5,0 x 70	8	55	40	14	-	

Pack	Item No.	Type	Content Plug	Content Screw	Plug Ø	Plug length	Hook	Drill Ø	Min. Drill hole depth	Effective anchorage depth	Fixture Thickness	Approval
	Pirat		per pack	per pack	mm	mm	mm	d <sub>0</sub> Ø mm	h <sub>1</sub> ≥ mm	h <sub>ef</sub> mm	t <sub>fix</sub> ≤ mm	ETA
051 701 061	Barbossa-L	4x	4x	8	40	5,0 x 53	8	55	40	14	-	



Barracuda	Concrete C 20/25	Solid brick MZ 12	Vertically perforated brick Bulk density $\geq 1 \text{ kg/dm}^3$	Hollow brick $\geq \text{Hbl2}$	Aerated concrete $\geq \text{PB2, PP2}$	Gypsum plasterboard 12.5 mm	Gypsum fibreboard 12.5 mm
5/25	40 kg	20 kg	-	-	-	-	-
6/30	70 kg	35 kg	-	-	-	-	-
8/40	90 kg	50 kg	-	-	-	-	-
10/50	200 kg	80 kg	-	-	-	-	-
12/60	220 kg	120 kg	-	-	-	-	-
14/70	230 kg	-	-	-	-	-	-
16/80	250 kg	-	-	-	-	-	-

- The specified holding values refer to screws with the largest screw diameter; thread shape similar to DIN 7998
- 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))
- For articles that come with screws and hooks, different values on the packaging may have to be followed

## Description & Area of Application

- Expansion plug for solid building materials
- 2-way split expansion elements with rotation locks and flexible plug neck
- Halogen-free
- Can be used with wood, chipboard and hanger bolts

### Barracuda + Screw:

- Screw with PZ drive



## Processing & Installation

- Create drill hole in the size of the plug diameter
- Use hammer drilling into concrete and solid brick
- Minimum screw length = plug length + fixture thickness + 5 mm
- Pre-positioned installation

