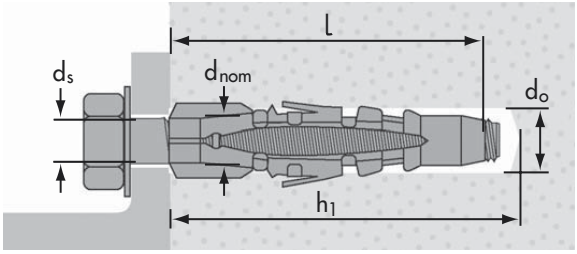
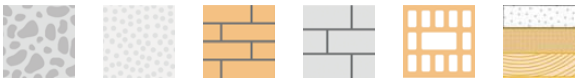
multiplug nylon



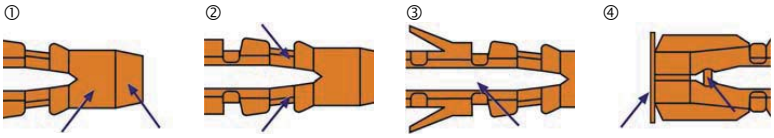
No.	Name	Material
1	Nylon Plug	Polyamide PA 6

Building materials



Qualities

Characteristics



① Threaded cone end and tapered end. Superior quality material ensuring excellent pull-out values. Tapered end for easy, fast insertion.

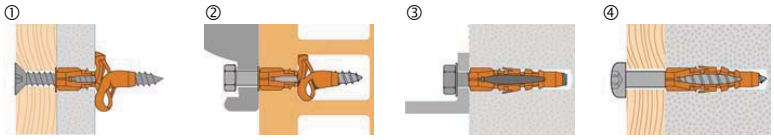
② Nodal point helps to achieve a perfect knot formation of the plug.

③ Self tensioning prevents rotation in the hole.

④ Snap off collar and knock-in protection. The automatic collar detachment and the knock-in protection ensure suitability for all through fixing applications.

- Increased application force in solid building materials.

Applications



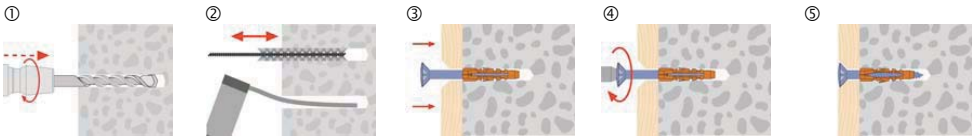
① Pre-assembly fixing with collar, knot behind building materials.

② ditto

③ With through fixing the collar tears off automatically.

④ ditto

Installation



① Take drill hole-Ø and drill hole depth from the table.

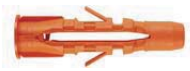
② Clean the drill hole with a brush, then blow it out with a purging pump (not necessary with perforated brick).

③ Fix Nylon Plug and building material (pre-assembly fixing or through fixing possible).

④ Fasten Building materials with a screw.

⑤ Fully tighten screw to anchor fixture

	Plug size		6				8		10		12	14
	Recommended tension loads:											
N_{Emp}	- Concrete	kN	0.6[1]	0.4[2]	0.6[1]	0.4[2]	1.1[1]	0.8[2]	1.8[1]	1[2]	3[2]	4[2]
	- Brick											
	- Perforated brick		0.45[1]	0.3[2]	0.45[1]	0.3[2]	0.9[1]	0.6[2]	1.2[1]	0.6[2]	1.8[2]	2.2[2]
	- Aerated Concrete		0.3[1]	0.15[2]	0.3[1]	0.15[2]	0.5[1]	0.3[2]	0.5[1]	0.4[2]	1.2[2]	1.3[2]
	- Plasterboard		-	0.15[2]	-	0.15[2]	-	0.18[2]	-	0.2[2]	-	-
	- Chipboard			0.4[2]	-	0.4[2]	-	0.45[2]	-	0.6[2]	-	-
	Screw measurement:											
d_s	- Wood screw	mm	3-4				4.5-6		6-8		8-10	10-12
	- Chipboard screw											
	- Metric screw	M	4				6		8		10	12
h_1	Drill hole depth	mm	45		55		65		75		90	100
d_0	Drill hole-Ø in the building material	mm	6				8		10		12	14
l	Plug length	mm	35		45		50		60		70	75
d_{nom}	Plug-Ø	mm	6				8		10		12	14



Multi Plug

1) Wood screws with maximum diameter
2) Chipboard screws with maximum diameter / Safety factor 5

Material Characteristics

Polyamide PA 6 nylon-products are made from high-grade polyamide PA 6.
Due to its excellent characteristics PA 6 is a valuable material for fastener production, offering :

- Large temperature range of -40° up to 100° C
- Absorption of humidity results in high mechanical features such as impact strength and resistant to distortion
- Excellent stability for dynamic loads
- Minor inflammability and self-extinguishing properties
- Halogen-free material
- PA 6 exhibits higher strength under temperature influences compared with conventional plastics.
- The deformation characteristics of polyamide PA 6 offers greater values in comparison to conventional plastics.
- Polyamide PA 6 absorbs sound transmission between construction unit and building material.

Polyamide PA6 logo