PRODUCT DATA

GN NYLON

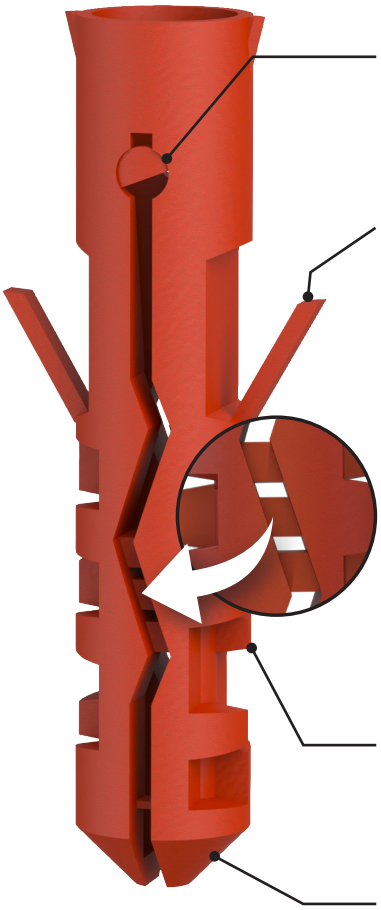
ONEGO® GN PLUG

Description

The GN Nylon Plug is manufactured from high-quality polyamide PA 6 and is designed for use in solid and hollow building materials. It is compatible with various screw types, including wood screws, chipboard screws, and metric screws.

Applications
• Indoor and outdoor use • Brackets and fittings • Bathrooms • Electrical use • Interior/decorative use • Solid and hollow walls

Material	NY PA6 Nylon Polyamide PA 6
Finish	NY PA6 Nylon Polyamide PA 6



Part	QFind	Diameter (D)	Length (L)
		(mm)	(mm)
MYPP6OGND05025	**GN5**	5	25
MYPP6OGND06030	**GN6**	6	30
MYPP6OGND07035	**GN7**	7	35
MYPP6OGND08040	**GN8**	8	40
MYPP6OGND10050	**GN10**	10	50
MYPP6OGND12060	**GN12**	12	60
MYPP6OGND14070	**GN14**	14	70
MYPP6OGND16080	**GN16**	16	80

Ensures strong and secure fastening.

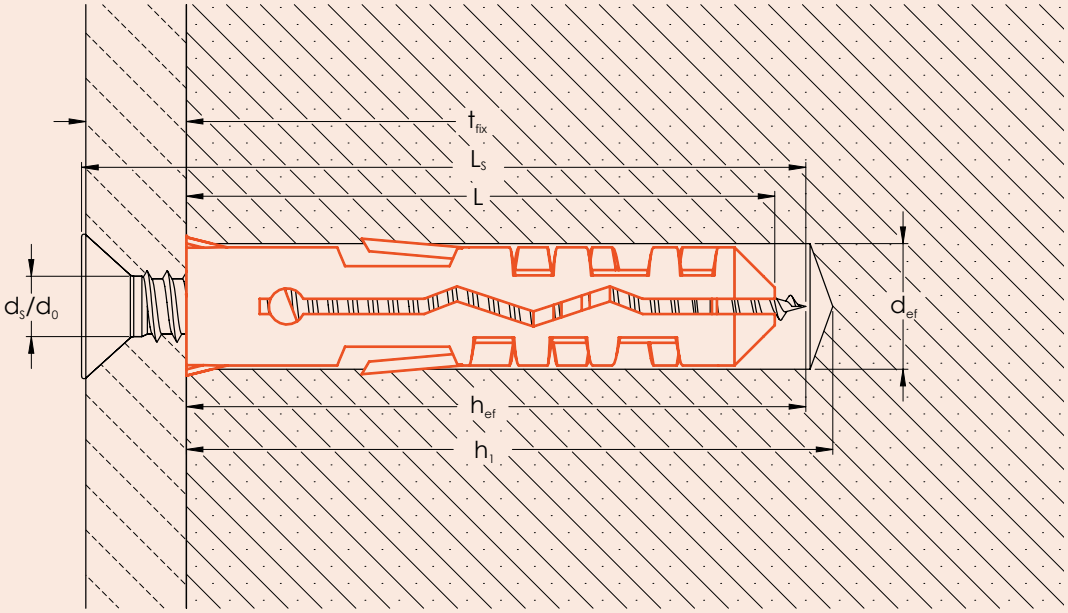
LIGHTWEIGHT FOR QUICK INSTALLATION

VERSATILE FIXING FOR SOLID AND HOLLOW WALLS. COMPATIBLE WITH A WIDE RANGE OF SCREWS. IDEAL FOR LIGHTWEIGHT APPLICATIONS.

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Dimensions



GN Nylon Plug

Plug Size		5	6	7	8	10	12	14	16
Length (L)		**25**	**30**	**35**	**40**	**50**	**60**	**70**	**80**
Drill Hole Diameter in Substrate	d_{ef} (mm)	5	6	7	8	10	12	14	16
Drilled Hole Depth	h_1 (mm)	35	40	50	55	65	80	90	100
Screw Effective Anchorage Depth	h_{ef} (mm)	30	35	40	45	60	70	80	95
Entire Screw Length	L_S (mm)	$30+t_{fix}$	$35+t_{fix}$	$40+t_{fix}$	$45+t_{fix}$	$60+t_{fix}$	$70+t_{fix}$	$80+t_{fix}$	$95+t_{fix}$
Screw Diameter Metric	d_0 (mm)	M3	M4	M4	M5	M6	M8	M10	M12
Screw Diameter Wood/Chipboard	d_s (mm)	#6-8g	#6-10g	#10g	#10-12g	#12-14g	–	–	–

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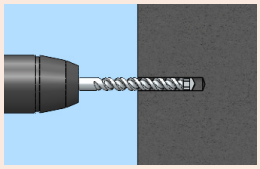
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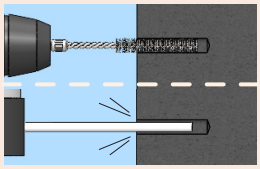
ONE GO®

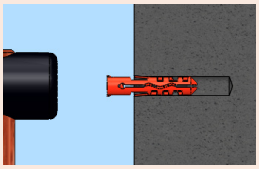
HOBSON ENGINEERING

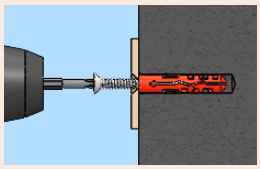
GN NYLON

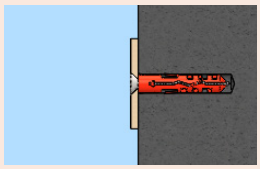
Installation

1 

2 

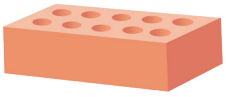
3 

4 

5 

1. Drill a hole of the required diameter and depth.
2. Clean the hole to remove dust and debris.
3. Insert the **Nylon Plug GN** flush with the surface.
4. Position the building material or fixture.
5. Insert and tighten the screw until the fixation is secure.

Recommended Tensile Resistance (N_{rec})

Plug Size				5	6	7	8	10	12	14	16
Length (L)				25	30	35	40	50	60	70	80
	**Non-cracked Concrete ≥ C20/25**	N_{rec}	kN	0.35	0.6	0.7	0.85	1.4	1.8	2.6	3.3
	**Clay Brick (10 Holes)**	N_{rec}	kN	0.2	0.4	0.55	0.6	0.8	1	1.3	1.85
	**Autoclaved Aerated Concrete (AAC)**	N_{rec}	kN	0.04	0.06	0.07	0.09	0.2	0.4	0.5	0.65

Disclaimer: (N_{rec}) refers to recommended axial load capacity. It represents the safe tension or pull-out force recommended by the manufacturer for a specific anchor or bolt under defined conditions and should be used as a guideline for design and installation.

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