



## INFORMATION

A PA6 Nylon Plug suitable for use in a range of base materials.

The plug has no rim so can be set below the surface

The anti-rotation lugs prevent the plug spinning in the drilled hole

## BASE MATERIAL

- Solid Concrete
- Dense Concrete Blocks
- Solid Bricks
- Stone
- Aerated Concrete Blocks

## FEATURES

- Rimless
- Screw guidance
- 2 Way expansion
- Suitable for wood and chipboard screws

Part Number	Drill Hole Diameter mm	Drill Hole Depth mm	Plug Length mm	Screw Gauge	Screw Diameter mm	Box Quantity
NP05	5	30	25	4-6	2.5-3.5	100
NP06	6	35	30	6-10	3.5-5.0	100
NP07	7	35	30	8-12	4.0-5.5	100
NP08	8	45	40	10-14	5.0-6.0	100
NP10	10	55	50	14-18	6.0-8.0	50
NP12	12	70	60	18-24	8.0-10.0	25
NP14	14	80	70	24-32	10.0-12.0	20

## Performance Data

Size		NP05	NP06	NP07	NP08	NP10	NP12	NP14
Screw Diameter	mm	3.0	5.0	5.0	6.0	8.0	10.0	12.0
<b>Recommended Loads (kN)</b>								
Concrete	≤C20/25	0.30	0.55	0.65	0.75	1.20	1.50	1.90
Concrete Blocks	7.5 N/mm <sup>2</sup>	0.18	0.33	0.39	0.45	0.72	0.90	1.14
Solid Brick	20 N/mm <sup>2</sup>	0.24	0.28	0.32	0.49	0.52	( <sup>1</sup> )	( <sup>1</sup> )
Aerated Concrete	3.5 N/mm <sup>2</sup>	( <sup>1</sup> )	0.07	0.08	0.09	0.15	0.23	( <sup>1</sup> )

Applicable for Tension, Shear and Oblique Loads  
All loads include a safety factor of 5

(<sup>1</sup>) Not Recommended