Nail Plug - ND

NYLON WARRANTY

Nail plug,
countersunk collar
ND S

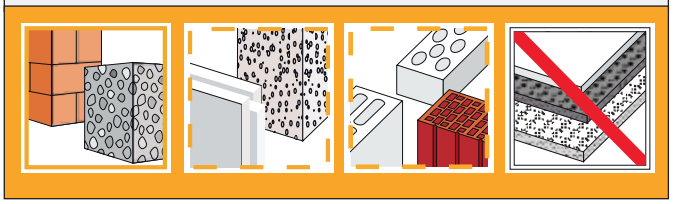
Nail plug,
cylindrical collar
ND Z

Nail plug,
large cylindrical collar
ND ZG

Nail plug
with connecting thread
ND M
Nail plug, mushroom

shaped collar
ND P

pre-assembled with zinc plated nailscrew

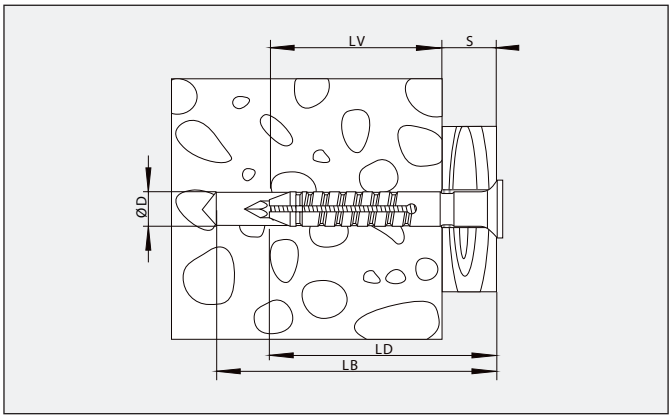


Characteristics

- time saving fixing system consisting of plug and nailscrew
- plug is pre-assembled: nailscrew is already pre-installed in plug
- Nailscrew is hammered in, no screw driver needed
- setting locks inside the plug prevent premature expansion during installation
- plug and fixture can easily be removed by turning out the screw

Advice

Nail plugs may only be installed as through-fixings; the fixture may not be positioned between screw head and plug collar.
If installed in hollow base material the plug should be long enough to at least allow for expansion in the second brick chamber.



Suitability

Base materials:
concrete, solid materials, limited suitability for aircrete, hollow blocks, perforated bricks

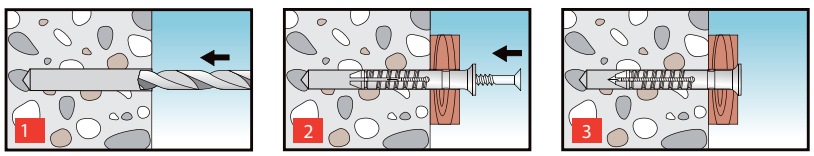
For fixing of:
Render/connection profiles, skirting boards, metal sheets, battens, cable and pipe clamps, claddings, wooden and metal supporting constructions

Pullout loads in kN*

	concrete C20/25	solid bricks Mz 12	aircrete P2
ND 5 mm	0,9	0,8	0,2
ND 6 mm	1,3	1,1	0,3
ND 8 mm	1,8	1,7	0,4

* the loads stated are failure loads valid for general fixings and confirmed strength of the base material indicated. Lower loads apply in case of render, insulating material, non load bearing areas of the base material or too small edge/joint distances. An adequate safety factor should be applied.

Installation



Technical Data

ND S - Nail plug with countersunk collar and pre-assembled nail-screw, zinc plated

type	ref.-no.	ØD Ø plug Ø bit [mm]	LD plug length [mm]	LB min. drill depth [m	LV min. an-chorage depth [mm]	S max. fixt. thickn. [mm]	qty. per box pcs.	outer carton pcs.
ND 5 x 30/ 5 S	**32682**	5	30	40	25	5	100	3600
ND 5 x 36/ 11 S	**32683**	5	36	46	25	11	100	2700
ND 5 x 40/ 15 S	**32684**	5	40	50	25	15	100	2700
ND 5 x 50/ 25 S	**32685**	5	50	60	25	25	100	2700
ND 6 x 35/ 5 S	**32686**	6	35	45	30	5	50	1800
ND 6 x 40/ 10 S	**32687**	6	40	50	30	10	50	1800
ND 6 x 50/ 20 S	**32688**	6	50	60	30	20	50	1800
ND 6 x 60/ 30 S	**32689**	6	60	70	30	30	50	1800
ND 6 x 75/ 45 S	**32690**	6	75	85	30	45	50	1350
ND 6 x 80/ 50 S	**32691**	6	80	90	30	50	50	1350
ND 8 x 40/ 5 S	**36707**	8	40	50	35	5	50	800
ND 8 x 60/ 20 S	**32692**	8	60	70	40	20	50	800
ND 8 x 80/ 40 S	**32693**	8	80	90	40	40	50	800
ND 8 x 100/ 60 S	**32694**	8	100	110	40	60	50	800
ND 8 x 120/ 80 S	**32695**	8	120	130	40	80	50	400
ND 8 x 140/100 S	**32696**	8	140	150	40	100	50	400
ND 8 x 160/120 S	**32697**	8	160	170	40	120	50	300

ND S A2 - Nail plug with countersunk collar and pre-assembled nailscrew of stainless steel A4/ 316

ND 6 x 40/10 S A2	**36710**	6	40	50	30	10	50	1800
ND 6 x 60/30 S A2	**36711**	6	60	70	30	30	50	1800
ND 8 x 60/20 S A2	**36712**	8	60	70	40	20	50	800
ND 8 x 80/40 S A2	**36713**	8	80	90	40	40	50	800

ND M - Nail plug with cylindrical collar and pre-assembled nail-screw, zinc plated, with metric connecting thread

ND 6 x 40 M6	**32016**	6	40	50	30		100	1600
ND 8 x 60 M8	**32017**	8	60	70	40		100	800

Technical Data

ND Z - Nail plug with cylindrical collar and pre-assembled nail-screw, zinc plated

type	ref.-no.	ØD Ø plug Ø bit [mm]	LD plug length [mm]	LB min. drill depth [m	LV min. an-chorage depth [mm]	S max. fixt. thickn. [mm]	qty. per box pcs.	outer carton pcs.
ND 5 x 30/ 3 Z	**33171**	5	30	40	25	3	100	3600
ND 5 x 36/ 9 Z	**33172**	5	36	46	25	9	100	2700
ND 5 x 40/ 13 Z	**33173**	5	40	50	25	13	100	2700
ND 5 x 50/ 23 Z	**33174**	5	50	60	25	23	100	1600
ND 6 x 35/ 3 Z	**33175**	6	35	45	30	3	50	1800
ND 6 x 40/ 8 Z	**33176**	6	40	45	30	8	50	1800
ND 6 x 50/ 18 Z	**33177**	6	50	60	30	18	50	1800
ND 6 x 60/ 28 Z	**33178**	6	60	70	30	28	50	1800
ND 6 x 75/ 43 Z	**33179**	6	75	85	30	43	50	1350
ND 6 x 80/ 48 Z	**33180**	6	80	90	30	48	50	1350
ND 8 x 40/ 3 Z	**36708**	8	40	50	35	3	50	800
ND 8 x 60/ 18 Z	**33181**	8	60	70	40	18	50	800
ND 8 x 80/ 38 Z	**33182**	8	80	90	40	38	50	800
ND 8 x 100/ 58 Z	**33183**	8	100	110	40	58	50	800
ND 8 x 120/ 78 Z	**33184**	8	120	130	40	78	50	800
ND 8 x 140/ 98 Z	**33185**	8	140	150	40	98	50	800
ND 8 x 160/118 Z	**33186**	8	160	170	40	118	50	300

ND ZG - Nail plug with large cylindrical collar and pre-assembled nailscrew with large head, zinc plated, specially suited to fix skirting boards

ND 6 x 35/ 3 ZG	**36714**	6	35	45	30	3	50	1800
ND 6 x 50/18 ZG	**36715**	6	50	60	30	18	50	1800
ND 6 x 60/28 ZG	**36716**	6	60	70	30	28	50	1800
ND 8 x 80/38 ZG	**36717**	8	80	90	40	38	50	800
ND 8 x 100/58 ZG	**36718**	8	100	110	40	58	50	800

ND P - Nail plug with mushroom shaped collar and pre-assembled nailscrew, zinc plated

ND 6 x 35/ 3 P	**32012**	6	35	45	30	3	100	1600
ND 6 x 40/ 8 P	**32013**	6	40	45	30	8	100	1600
ND 6 x 50/18 P	**32014**	6	50	60	30	18	100	1600
ND 6 x 60/28 P	**32015**	6	60	70	30	28	100	1600
ND 8 x 40/ 3 P	**36709**	8	40	50	35	3	50	800

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Assortment box and

BOX ND S - Assortment box medium

type	ref.-no.	qty.per box pcs.	outer carton pcs.	contents
Nailplug-Box 120 pcs	**38046**	1	12	50 plug ND 6x35/5 S, 25 plug ND 6x40/10 S, 16 plug ND 6x80/50 S, 16plug ND 8x60/20 S, 8 plug ND 8x80/40 S, 8 plug ND 8x100/60 S

ND S HWK L - Nail plug with countersunk collar and preassembled nailscrew, zinc plated in craftsman suitcase small (packaged)

type	type	ØD Ø plug Ø bit [mm]	LD plug length [mm]	LB min drill depth [mm]	LV min anchorage depth [mm]	S max fixt. thickn. [mm]	qty. per box pcs.	outer carton pcs.
ND 6x40/10 S HWKL	**35673**	6	40	50	30	10	1.000	
ND 6x 60/ 30 S HWKL	**35674**	6	60	70	30	30	700	
ND 6x 80/ 50 S HWKL	**37847**	6	80	90	30	50	500	
ND 8x 60/ 20 S HWKL	**37511**	8	60	70	40	20	400	
ND 8x 80/ 40 S HWKL	**35675**	8	80	90	40	40	300	
ND 8x100/ 60 S HWKL	**35676**	8	100	110	40	60	250	
ND 8x120/ 80 S HWKL	**37512**	8	120	130	40	80	250	