TRUHLÁŘ a spol., s.r.o.

PRODUCER OF PLASTIC PLUGS

from Czech Republic
since 2000

HISTORY

Company TRUHLÁŘ a spol., s.r.o. was founded in 1990 and began trade activity with jointing materials. The company has been expanding gradually and adding new retail outlets in the areas of hardware and electrical appliances to its existing chain of retail shops. However, the company has remained committed to its original domain and has continued to improve and expand its wholesale business in the line of dowels, anchoring techniques and jointing materials.

In 1993 the company launched its own production of metallic elements for anchoring technology. A basic change in the development of the company was made with manufacture of wide assortment of plastic dowels that started in the beginning of year 2000. Thanks using one of the most up-to-date technologies and high-grade materials, our products are comparable with the products offered by well-known competitors on our market.

At the same time, we have been stabilizing and expanding the assortment of metallic anchoring elements, fixing elements for gypsum board and multipurpose screws.

In August 2003 was finished construction of new logistic and distribution centre in Hlubočinka – 15 km from Prague. Moving to new spaces near the production and packing factory have shorted delivery terms and improved customer service. Stock with capacity up to 1.800 pallet places, modern offices and retail store help to satisfy our customer's needs.

During beginning of year 2006 was finished new production and assembling factory that is directly connected to our current distribution centre. This step greatly speed up our production time and make us more flexible. Part of new production factory is also new stock places with capacity up to 600 pallets. Thanks the new production factory we can better and faster fulfill your demands.







CERTIFICATES

Certification of our product by Technical and Test Institute for Construction in Prague (TZÚS)







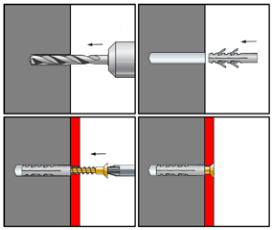


UPA



Lightweight all-purpose fixing for professional and DIY use. **High quality Polyamide** for optimal performance and easy application.
Thermal resistance **from -40 °C to + 100 °C.**

INSTALLATION:



APPLICATION

› concrete
› brick
› natural stone
› sand-stone

MATERIAL

Polyamide PA6
(Nylon)

ADVANTAGES

› wide area of application
› high temperature resistance

TECHNICAL DATA:

Size	Drill ∅	Minimal drill depth	Anchor length	Screw ∅	Recommended loads (concrete)
4×20	4	25	20	2–3	0,13
5×25	5	30	25	2,5–4	0,32
6×30	6	35	30	3,5–5	0,53
7×35	7	40	35	4–5,5	0,65
8×40	8	45	40	4,5–6	0,75
10×50	10	55	50	6–8	0,92
10×60	10	65	60	6–8	0,92
12×60	12	65	60	8–10	1,33
14×75	14	80	75	10–12	1,76
16×90	16	95	90	12	2,90
16×100	16	105	100	12	2,90
16×120	16	125	120	12	2,90
16×140	16	145	140	12	2,90

All figures are in mm

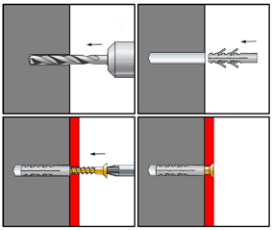
Recommended loads in kN (1 kN ≈ 100 Kg)

UPA/L



Lightweight all-purpose fixing for professional and DIY use. **High quality Polyamide** for optimal performance and easy application. Thermal resistance **from -40 °C to + 100 °C.**

INSTALLATION:



APPLICATION

› concrete
› brick
› natural stone
› sand-stone

MATERIAL

Polyamide PA6 (Nylon)

ADVANTAGES

› wide area of application
› high temperature resistance

TECHNICAL DATA:

Size	Drill ∅	Minimal drill depth	Anchor length	Screw ∅	Recommended loads (concrete)
5×25	5	30	25	2,5–4	0,32
6×30	6	35	30	3,5–5	0,53
8×40	8	45	40	4,5–6	0,75
10×50	10	55	50	6–8	0,92
12×60	12	65	60	8–10	1,33
14×75	14	80	75	10–12	1,76
16×90	16	95	90	12	2,90

All figures are in mm

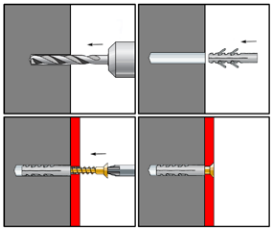
Recommended loads in kN (1 kN ≈ 100 Kg)

UPP



Lightweight all-purpose fixing for professional and DIY use. **High quality Polypropylene** for optimal performance and easy application. Thermal resistance **from -20 °C to + 80 °C.** Recommended applicaton temperature from -5°C.

INSTALLATION:



APPLICATION

› concrete
› brick
› natural stone
› sand-stone

MATERIAL

Polypropylene

ADVANTAGES

› wide area of application
› high temperature resistance
› low price

TECHNICAL DATA:

Size	Drill ∅	Minimal drill depth	Anchor length	Screw ∅	Recommended loads (concrete)
5×25	5	30	25	2,5–4	0,26
6×30	6	35	30	3,5–5	0,42
8×40	8	45	40	4,5–6	0,60
10×50	10	55	50	6–8	0,74
10×60	10	65	60	6–8	0,74
12×60	12	65	60	8–10	1,06
14×75	14	80	75	10–12	1,41
16×90	16	95	90	12	2,32
16×100	16	105	100	12	2,32
16×120	16	125	120	12	2,32
16×140	16	145	140	12	2,32

All figures are in mm

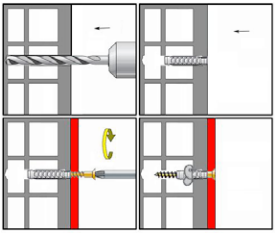
Recommended loads in kN (1 kN ≈ 100 Kg)

TX-PA

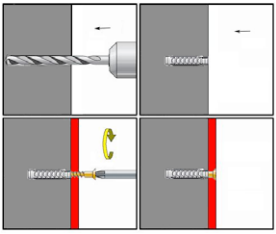


Plug for universal use made of high quality Polyamide. It is held through internal pressure against the inside of the hole or segments knotting in hollow materials. Thermal resistance from **-40 °C to + 100 °C.**

INSTALLATION HOLLOW MATERIAL:



INSTALLATION FULL MATERIAL:



APPLICATION

› hollow or full brick
› concrete, gas concrete
› chipboard, sand-stone
› gypsum plasterboard

(only sizes 5 – 8 mm, size 8 mm with screw max. dia 5 mm)

MATERIAL

Polyamide PA6 (Nylon)

ADVANTAGES

› high quality
› fast installation
› usage in many materials

TECHNICAL DATA:

Size	Drill ∅	Minimal drill depth	Anchor length	Screw ∅	Recommended loads (concrete)
5×25	5	35	25	3–4	0,60
6×30	6	40	30	4–5	0,70
6×50	6	60	50	4–5	0,70
8×40	8	50	40	4,5–6	1,10
8×60	8	70	60	4,5–6	1,10
10×50	10	70	50	6–8	1,50
10×70	10	90	70	6–8	1,50
12×60	12	80	60	8–10	1,70

All figures are in mm

Recommended loads in kN (1 kN ≈ 100 Kg)

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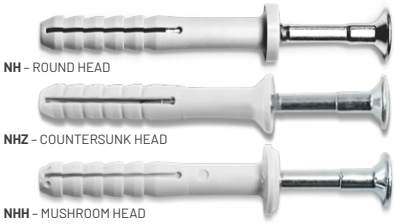
NH | NHZ NHH

ETA CE

ONLY Ø 6 MM



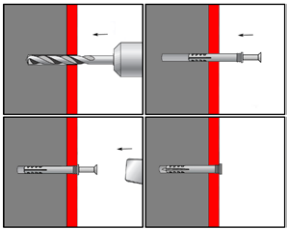
NH – ROUND HEAD

NHZ – COUNTERSUNK HEAD

NHH – MUSHROOM HEAD

These plugs can be used **for quick installation in internal and external construction work.** Recommended where a **rapid and large numbers of fixing are required.** These plugs are available with round, countersunk and mushroom head.

INSTALLATION:



APPLICATION

› concrete
› stone
› sand-stone

MATERIAL

Polyamide PA6 (Nylon)

ADVANTAGES

› fast and easy installation
› dismounting option

TECHNICAL DATA:

Size	Drill ∅	Minimal drill depth	Anchor length	Screw ∅	Collar ∅	Fixable thickness	Recommended loads
5×25	5	30	25	3,4	9	3	0,31
5×35	5	40	35	3,4	9	10	0,31
5×45	5	50	45	3,4	9	15	0,31
6×25	6	30	25	3,8	10	3	0,48
6×35	6	40	35	3,8	10	5	0,48
6×40	6	45	40	3,8	10	10	0,48
6×45	6	50	45	3,8	10	15	0,48
6×55	6	60	55	3,8	10	25	0,48
6×60	6	65	60	3,8	10	30	0,48
6×70	6	75	70	3,8	10	40	0,48
6×80	6	85	80	3,8	10	50	0,48
8×45	8	50	45	4,8	11	5	0,65
8×60	8	65	60	4,8	11	20	0,65
8×75	8	80	75	4,8	11	35	0,65
8×80	8	85	80	4,8	11	40	0,65
8×100	8	105	100	4,8	11	60	0,65
8×120	8	125	120	4,8	11	80	0,65
8×135	8	140	135	4,8	11	95	0,65

All figures are in mm

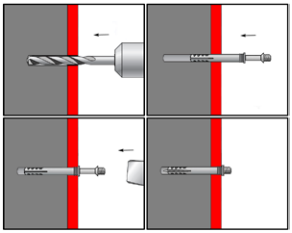
Recommended loads in kN (1 kN ≈ 100 Kg)

NH–M



These plugs with metric thread end can be used **for quick installation in internal and external construction work.** Recommended where a **rapid and large numbers of fixing are required.** This type is available only with round head.

INSTALLATION:



APPLICATION

› concrete
› stone
› sand-stone

MATERIAL

Polyamide PA6 (Nylon)

ADVANTAGES

› fast and easy installation

TECHNICAL DATA:

Size	Drill ∅	Minimal drill depth	Anchor length	Screw ∅	Collar ∅	Fixable thickness	Recommended loads
6×40	6	45	40	3,8	10	10	0,48
8×60	8	65	60	4,8	11	20	0,65

All figures are in mm

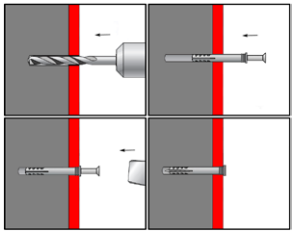
Recommended loads in kN (1 kN ≈ 100 Kg)

NH-N



These plugs can be used **for quick installation in internal and external construction work.** Recommended for **application in wet conditions.** *Nails are made of stainless steel A2.*

INSTALLATION:



APPLICATION

› concrete
› stone
› sand-stone

MATERIAL

Polyamide PA6 (Nylon)

ADVANTAGES

› fast and easy installation
› dismounting option
› stainless steel

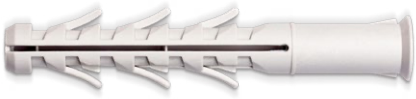
TECHNICAL DATA:

Size	Drill ∅	Minimal drill depth	Anchor length	Screw ∅	Collar ∅	Fixable thickness	Recommended loads
5×35	5	40	35	3,4	9	10	0,31
6×40	6	45	40	3,8	10	10	0,48
6×60	6	65	60	3,8	10	30	0,48
6×80	6	85	80	3,8	10	50	0,48
8×60	8	65	60	4,8	11	20	0,65
8×80	8	85	80	4,8	11	40	0,65
8×100	8	105	100	4,8	11	60	0,65
8×120	8	125	120	4,8	11	80	0,65

All figures are in mm

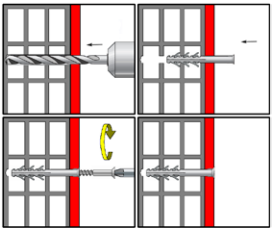
Recommended loads in kN (1 kN ≈ 100 Kg)

RM



ZÚS

INSTALLATION:



The RM plug has **long expansion area and is suitable for through** – fixing into cavity bricks etc. **The special internal design,** the long expansion area, provides secure fixing into concrete, stone and softer material such as bricks and low density block work.

APPLICATION

› hollow brick
› brick
› concrete
› stone

MATERIAL

Polyamide PA6 (Nylon)

ADVANTAGES

› strong anchoring
› high temperature resistance
› easy installation

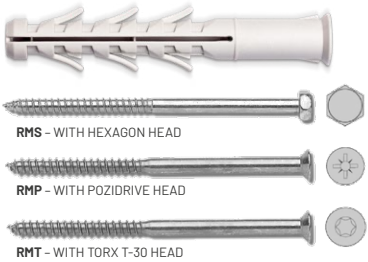
TECHNICAL DATA:

Size	Drill ∅	Minimal drill depth	Anchor length	Screw ∅	Fixable thickness	Recommended loads
8×60	8	70	60	5–5,5	5	0,75
8×80	8	90	80	5–5,5	25	0,75
8×100	8	110	100	5–5,5	45	0,75
8×120	8	130	120	5–5,5	65	0,75
8×140	8	150	140	5–5,5	85	0,75
8×160	8	170	160	5–5,5	105	0,75
10×80	10	90	80	6–7	15	0,92
10×100	10	110	100	6–7	35	0,92
10×120	10	130	120	6–7	55	0,92
10×140	10	150	140	6–7	75	0,92
10×160	10	170	160	6–7	95	0,92

All figures are in mm

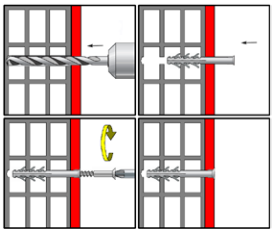
Recommended loads in kN (1 kN ≈ 100 Kg)

RMS | RMP RMT



The RM plug has **long expansion area and is suitable for through** – fixing into cavity bricks etc. **The special internal design,** the long expansion area, provides secure fixing into concrete, stone and softer material such as bricks and low density block work. RM plugs are available in sets with hexagon, pozidrive and torx head.

INSTALLATION:



APPLICATION

› hollow brick
› brick
› concrete
› stone

MATERIAL

Polyamide PA6 (Nylon)

ADVANTAGES

› strong anchoring
› high temperature resistance
› easy installation
› complete package

TECHNICAL DATA:

Size	Drill ∅	Minimal drill depth	Anchor length	Screw ∅	Fixable thickness	Recommended loads
8×60	8	70	60	5–5,5	5	0,75
8×80	8	90	80	5–5,5	25	0,75
8×100	8	110	100	5–5,5	45	0,75
8×120	8	130	120	5–5,5	65	0,75
8×140	8	150	140	5–5,5	85	0,75
8×160	8	170	160	5–5,5	105	0,75
10×80	10	90	80	6–7	15	0,92
10×100	10	110	100	6–7	35	0,92
10×120	10	130	120	6–7	55	0,92
10×140	10	150	140	6–7	75	0,92
10×160	10	170	160	6–7	95	0,92

All figures are in mm

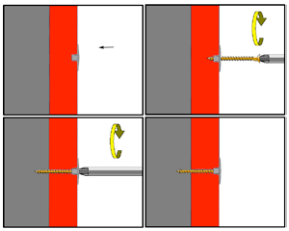
Recommended loads in kN (1 kN ≈ 100 Kg)

TTP
TIT



Insulation plate is **used for fixing insolation material** (polystyrene or mineral wool) into wood construction, wood, chipboard or plywood. Insulation plate **TTP is equip with special cap which prevent creation of thermal bridge.** The plate is produced from quality Copolymer.

INSTALLATION:



APPLICATION

› wood
› plywood
› chipboard

MATERIAL

Copolymer

ADVANTAGES

› low price
› easy installation
› no thermal bridge (TTP)

TECHNICAL DATA:

Size	Hole ∅	Screw ∅	Plate ∅	Plate high	Min. fixing depth
40/6	6,0	5–6	40	4	20
60/5	5,0	5	60	10	20
60/5-20	7,5	5–7,5	60	20	20

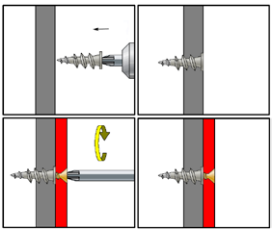
All figures are in mm

TURBO



Special plug for application in gypsum plasterboard. Plug is easily installed to gypsum plasterboard without any special tool. The material is fixed with the chipboard or gypsum screw.

INSTALLATION:



APPLICATION

› gypsum plasterboard

MATERIAL

Polyamide (Nylon) with glass fibre

ADVANTAGES

› fast installation
› easy installation
› low price

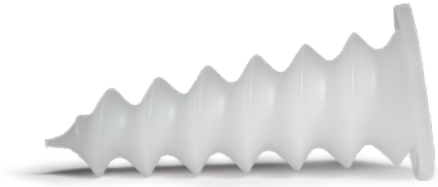
TECHNICAL DATA:

Size	Anchor lenght	Screw ∅	Recommended loads
10×35	35	3,5–4	0,15

All figures are in mm

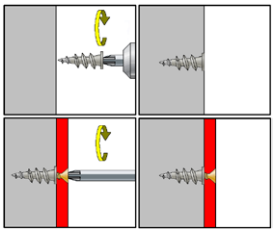
Recommended loads in kN (1 kN ≈ 100 Kg)

HDP



Special plug for **use in polysterene (isolation).** Easy application by using manual or electric screwdrive. **Designed for light fixing.** Fixing material is fasten by chipboard or wood screws.

INSTALLATION:



APPLICATION
› polystyrene

MATERIAL
Polypropylene

ADVANTAGES
› easy installation
› fast installation
› low price

TECHNICAL DATA:

Size	Anchor lenght	Screw ∅	Recommended loads
23×50	50	4-5	0,20

All figures are in mm

Recommended loads in kN (1 kN ≈ 100 Kg)

MADE IN CZECH REPUBLIC



MAPS:

NOTES:

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