

Nonius bottom part

Nonius hanger bottom part is a metal suspension element designed for plasterboard construction made by compression molding from steel, hot-dip galvanized sheet. The innovative shape of the nonius allows a firmer grip in the CD profile and the press through provides higher resistance to mechanical pressure and tension. The nonius is produced with punches for higher strength.

Use

It is used together with the upper part for attaching plasterboard suspended ceilings to the bearing structure of the ceiling. Especially when fire resistance, higher load bearing capacity or buckling strength is required.

The upper and bottom parts are connected by a pair of nonius cotters.

The degree of reduction of the ceiling construction is determined by the length of nonius upper part.

The product should be stored in a dry, thermally stable and tempered environment to prevent moisture condensation on the product surface.

Product code	Product name	Packing (pcs)	Pcs in carton	Pcs on pallet	Material	Coating EN 10327	Load-bearing capacity DIN 18168-2	Reaction to fire	Corrosion protection	Hazardous substances
48000	Nonius bottom part	100	-	-	DX51	min. Z100	0,40kN	A1	B	NPD



The design is registered with the European Union Intellectual Property Office (EUIPO).



CERTIFICATION

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Zapsáno / Registered 12/05/2021

No 008537187-0001



ÚŘAD EVROPSKÉ UNIE PRO DUŠEVNÍ VLASTNICTVÍ POTVRZENÍ O ZÁPISU DO REJSTŘÍKU

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Výkonný ředitel / The Executive Director



Christian Archambeau



www.euipo.europa.eu

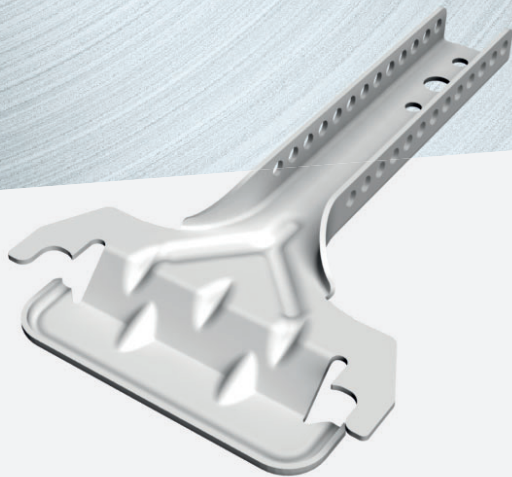
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INNOVATION

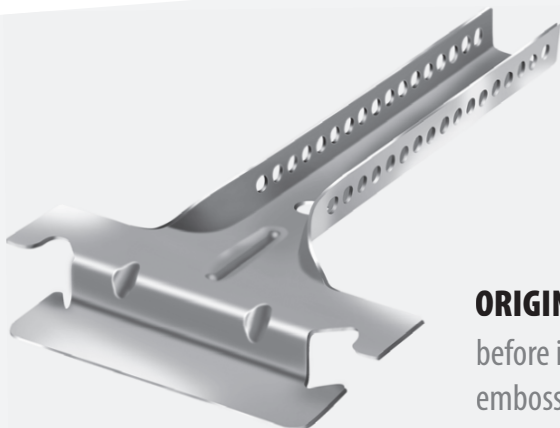
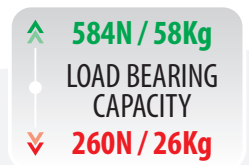
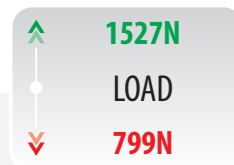
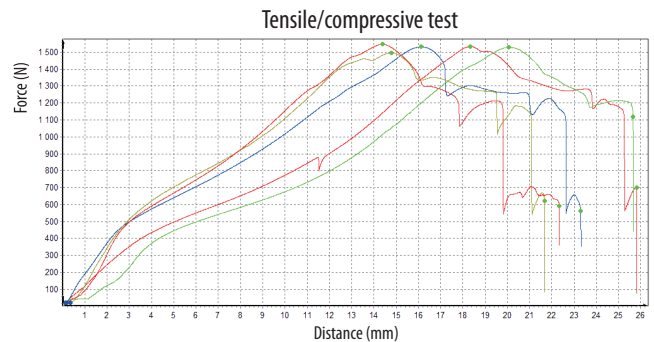
PROFI**FIX**®

Nonius bottom part



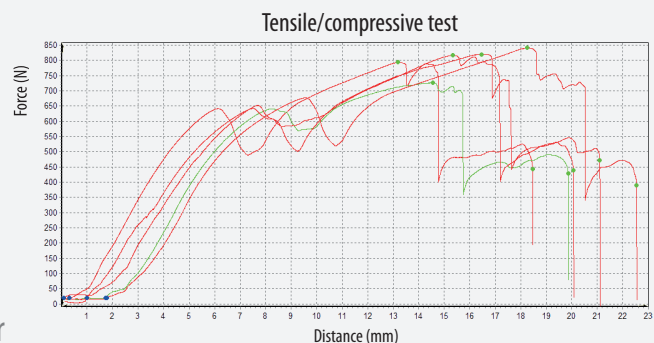
NEW MODEL

- Structure optimization with emphasis on increasing load bearing capacity
- Increase of stiffness thanks to the punches
- Higher resistance to mechanical pressure and tension
- Functional modification of the hanger's shape for a firmer attach in the CD profile



ORIGINAL CONSTRUCTION

before innovation, without embossement and with lower load capacity.



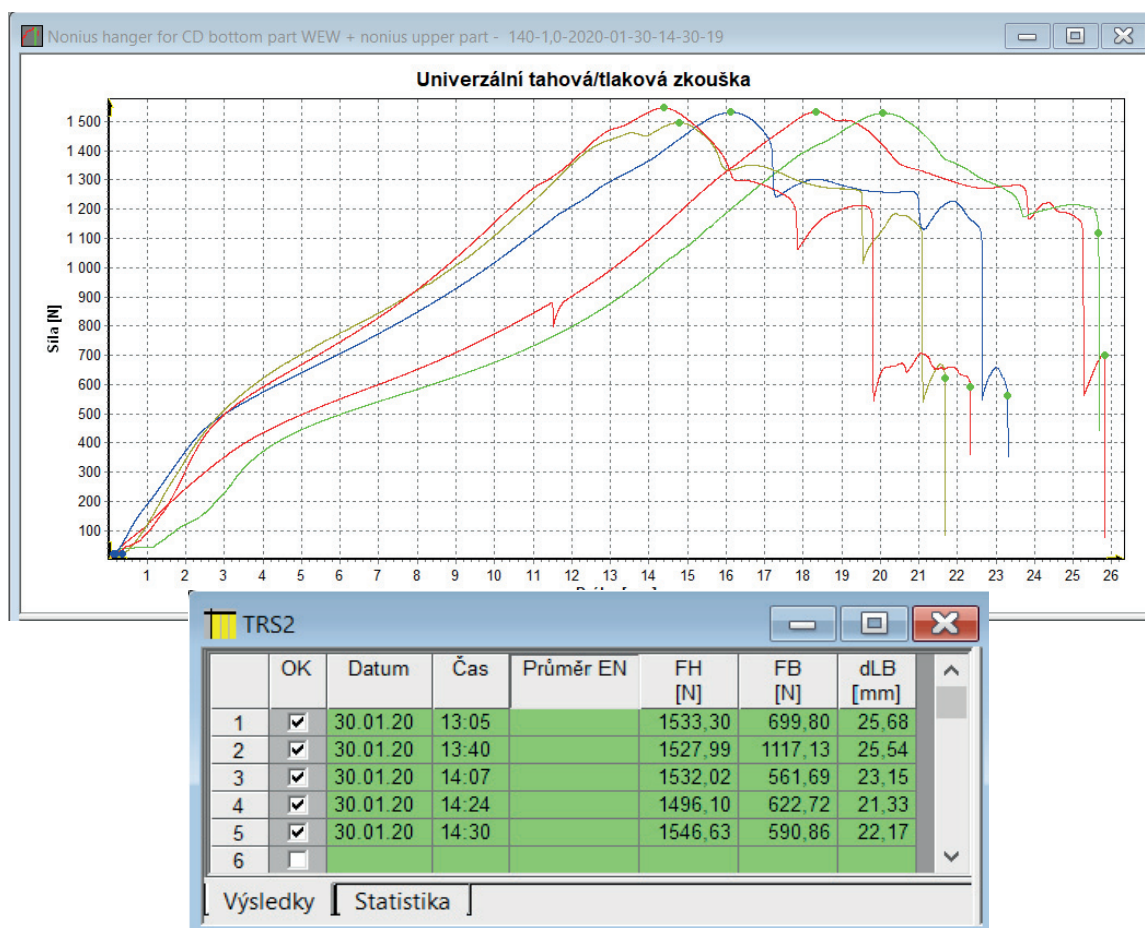
www.profix.eu

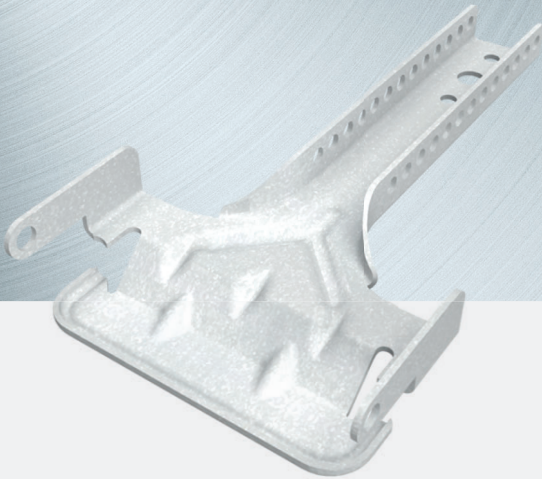
Nonius lower part for CD new + nonius upper part 140 mm – static test class L 400 b – acc. to EN 13964:2014			
Sample No.	Time	Maximal load F_{max} [N]	Average of maximal load F_{max} [N]
VZ2020-01-30/3/1	13:05	1533	1527
VZ2020-01-30/3/2	13:40	1528	
VZ2020-01-30/3/3	14:07	1532	
VZ2020-01-30/3/4	14:24	1496	
VZ2020-01-30/3/5	14:30	1547	
Minimal displacement f_{min} (mm)		Maximal displacement f_{max} (mm)	Mean displacement (mm)
21,33		25,68	23,57
Standard deviation [N]	Statistic coefficient (5 samples)	Kvantil $F_u^{5\%}$	Admissible load $_{adm}F$ [N]
19	3,4	1462	584
Class (v=2,5) according to EN 13964:2014			

Note: the probability W and fractile value Φ have been fixed at 0,90 and 5 % respectively for admissible load calculation

4. Conclusion

The recommended maximum $admF$ load [N] 400 declared by the contracting authority for Nonius lower part for CD new were achieved on the samples submitted.





Nonius bottom part CD with security clamp

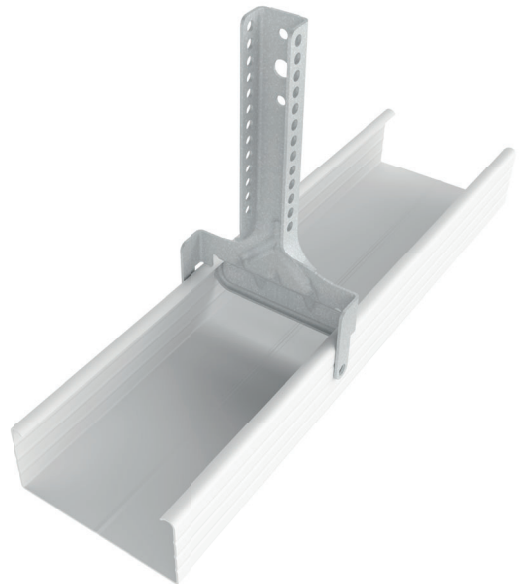
Nonius bottom part CD with security clamp is a metal hanger for drywall construction. It is produced by compression moulding of rolled, hot-dip galvanized metal sheet. It is equipped with recesses for increased strength and the possibility of attaching to the profile by screwing.

Use

Nonius bottom part CD with security clamp is used together with upper part for attaching the plasterboard to the construction of ceiling. It is used when fire resistance, higher load-bearing capacity or buckling strength is required. The bottom and upper part are connected by a pair of nonius cotter.

The length of the upper part determines how much lower will be the ceiling. To achieve higher load capacity it is necessary to attach it to the CD profile by a pair of screws TEX 3,5x9,5 mm or SHARP 3,5x9 mm.

The product has to be stored in a dry, thermally stable and tempered environment to avoid damp on the product surface.



Product code	Product name	Packing (pcs)	Pcs in carton	Pcs on pallet	Material	Coating EN 10327	Load-bearing capacity DIN 18168-2	Reaction to fire	Corrosion protection	Hazardous substances
48008	Nonius bottom part CD with security clamp	100	-	-	rolled sheet DX51	Zinc min. Z100	0,60 kN	A1	B	NPD



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Zapsáno / Registered 12/05/2021

No 008537187-0002



ÚŘAD EVROPSKÉ UNIE PRO DUŠEVNÍ VLASTNICTVÍ POTVRZENÍ O ZÁPISU DO REJSTŘÍKU

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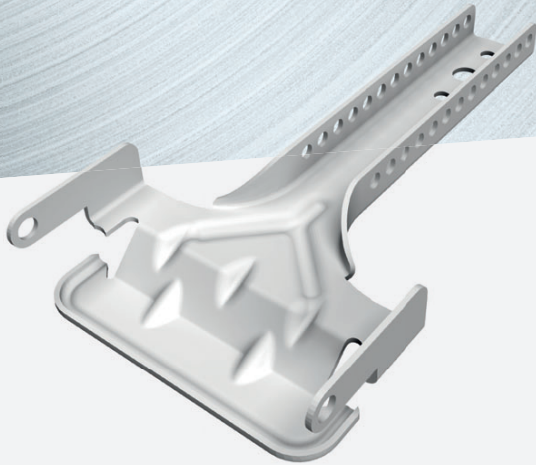


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INNOVATION

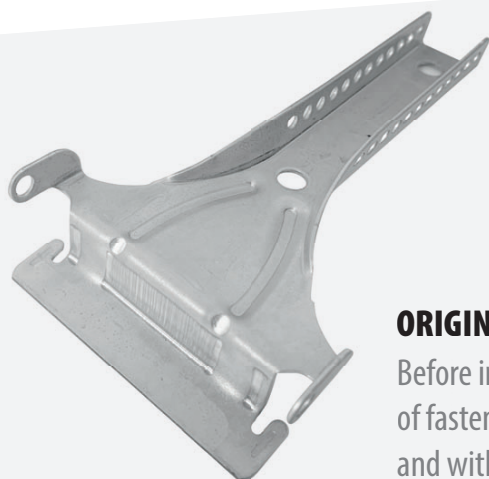
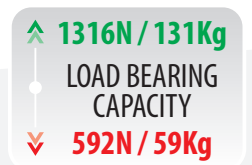
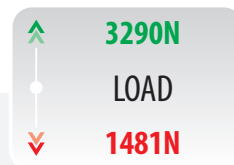
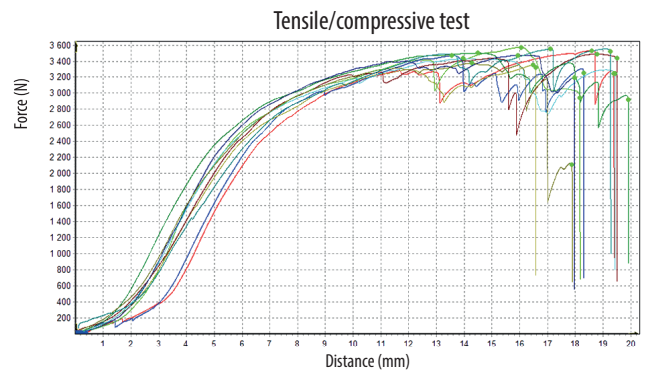
PROFI**FIX**®

Nonius bottom part with security



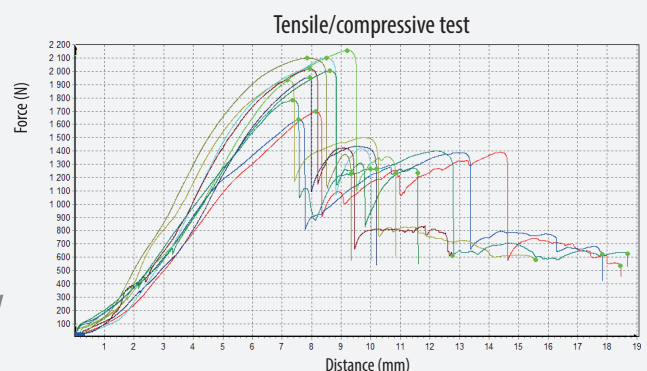
NEW MODEL

- Structure optimization with emphasis on increasing load bearing capacity
- Increase of stiffness thanks to the punches
- Higher resistance to mechanical pressure and tension
- Functional modification of the hanger's shape with the possibility of attachment to the profile with a screw
- The nonius is classified in a higher load class



ORIGINAL CONSTRUCTION

Before innovation without possibility of fastening the nonius with a screw and with lower load capacity.



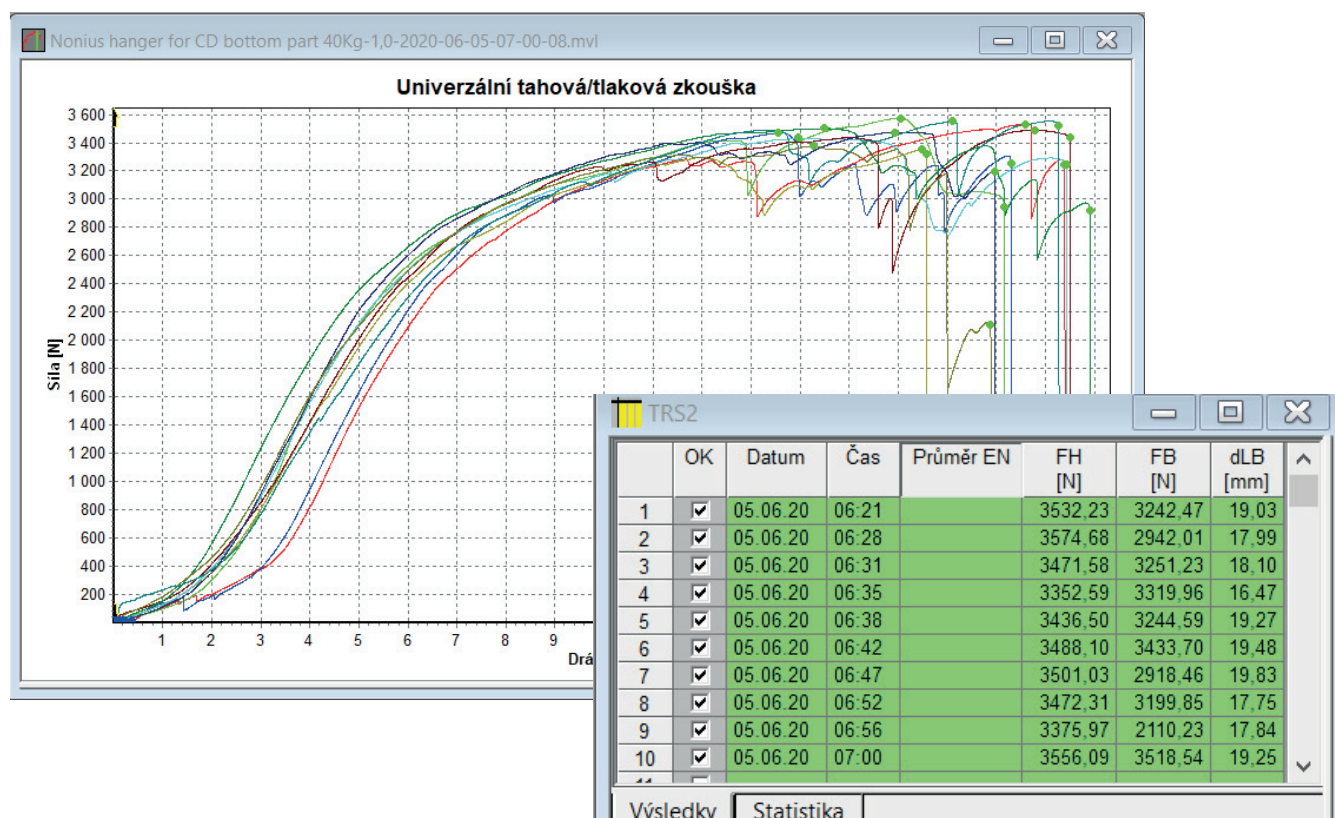
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Nonius lower part for CD - screwed + nonius upper part 140 mm – static test class L 400 b – acc. to EN 13964:2014			
Sample No.	Time	Maximal load F_{max} [N]	Average of maximal load F_{max} [N]
VZ2020-06-05/1/1	6:21	3 532	3476
VZ2020-06-05/1/2	6:28	3 575	
VZ2020-06-05/1/3	6:31	3 472	
VZ2020-06-05/1/4	6:35	3 353	
VZ2020-06-05/1/5	6:38	3 437	
VZ2020-06-05/1/6	6:42	3 488	
VZ2020-06-05/1/7	6:47	3 501	
VZ2020-06-05/1/8	6:52	3 472	
VZ2020-06-05/1/9	6:56	3 376	
VZ2020-06-05/1/10	7:00	3 556	
Minimal displacement f_{min} (mm)		Maximal displacement f_{max} (mm)	Mean displacement (mm)
16,47		19,83	18,5
Standard deviation [N]	Statistic coefficient (5 samples)	Kvantil $F_u^{5\%}$	Admissible load $admF$ [N]
72	2,57	3290	1316
Class (v=2,5) according to EN 13964:2014			

Note: the probability W and fractile value Φ have been fixed at 0,90 and 5 % respectively for admissible load calculation

4. Conclusion

The recommended maximum $admF$ load [N] 400 declared by the contracting authority for Nonius lower part for CD new were achieved on the samples submitted.



Product list

Nonius hanger upper part

Nonius hanger upper part is a metal suspension element designed for plasterboard construction made by compression molding from steel, hot-dip galvanized sheet. This hanger is produced with punches for higher strength and holes for easy attachment to construction and connection with the bottom part.

Use

It is used together with the bottom part designed to attach plasterboard suspended ceilings to the bearing construction of the ceiling. Especially when fire resistance, higher load bearing capacity or buckling strength is required. The upper and bottom parts are connected by a pair of nonius cotters. The degree of suspended ceiling reduction is determined by the length of nonius upper part.

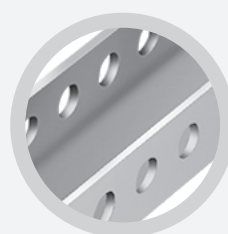
Product code	Product name	Packing (pcs)	Pcs in carton	Pcs on pallet	Material	Coating EN 10327	Load-bearing capacity DIN 18168-2	Reaction to fire	Corrosion protection	Hazardous substances
48012	Nonius hanger upper part 120 mm	100	-	-	DX51	min. Z100	0,40 kN	A1	B	NPD
48016	Nonius hanger upper part 160 mm	100	-	-	DX51	min. Z100	0,40 kN	A1	B	NPD
48020	Nonius hanger upper part 200 mm	100	-	-	DX51	min. Z100	0,40 kN	A1	B	NPD
48024	Nonius hanger upper part 240 mm	100	-	-	DX51	min. Z100	0,40 kN	A1	B	NPD
48026	Nonius hanger upper part 260 mm	100	-	-	DX51	min. Z100	0,40 kN	A1	B	NPD
48034	Nonius hanger upper part 340 mm	100	-	-	DX51	min. Z100	0,40 kN	A1	B	NPD
48036	Nonius hanger upper part 360 mm	100	-	-	DX51	min. Z100	0,40 kN	A1	B	NPD
48044	Nonius hanger upper part 440 mm	50	-	-	DX51	min. Z100	0,40 kN	A1	B	NPD
48046	Nonius hanger upper part 460 mm	50	-	-	DX51	min. Z100	0,40 kN	A1	B	NPD
48054	Nonius hanger upper part 540 mm	50	-	-	DX51	min. Z100	0,40 kN	A1	B	NPD
48056	Nonius hanger upper part 560 mm	50	-	-	DX51	min. Z100	0,40 kN	A1	B	NPD
48064	Nonius hanger upper part 640 mm	50	-	-	DX51	min. Z100	0,40 kN	A1	B	NPD
48066	Nonius hanger upper part 660 mm	50	-	-	DX51	min. Z100	0,40 kN	A1	B	NPD
48074	Nonius hanger upper part 740 mm	50	-	-	DX51	min. Z100	0,40 kN	A1	B	NPD
48076	Nonius hanger upper part 760 mm	50	-	-	DX51	min. Z100	0,40 kN	A1	B	NPD
48084	Nonius hanger upper part 840 mm	50	-	-	DX51	min. Z100	0,40 kN	A1	B	NPD
48086	Nonius hanger upper part 860 mm	50	-	-	DX51	min. Z100	0,40 kN	A1	B	NPD
48094	Nonius hanger upper part 940 mm	50	-	-	DX51	min. Z100	0,40 kN	A1	B	NPD
48096	Nonius hanger upper part 960 mm	50	-	-	DX51	min. Z100	0,40 kN	A1	B	NPD

The product should be stored in a dry, thermally stable and tempered environment to prevent moisture condensation on the product surface.

INNOVATION

PROFI**FIX**®

Nonius upper part



NEW MODEL

- Highly functional solution for easy creation of a uniform ceiling height for uneven or multi-level ceilings
- Structure optimization with emphasis on increasing load bearing capacity, comfort of assembly and work efficiency
- Extended use due to the variability of shortening options
- In case of need different lengths, easier selection of the hanger
- Increased number of holes for precise adjustment of the suspension depth



ORIGINAL CONSTRUCTION

With perforation only about 12 cm from the edge.
Necessity of choosing the exact length of the product.



www.profix.eu



CD Profile longitudinal connector - straight 100

CD connector straight is metal connecting element designed for plaster-board construction made by compression molding from steel, hot-dip galvanized sheet. The protrusions on the both sides define and determine the correct depth for inserting the connector into the CD profile.

Use

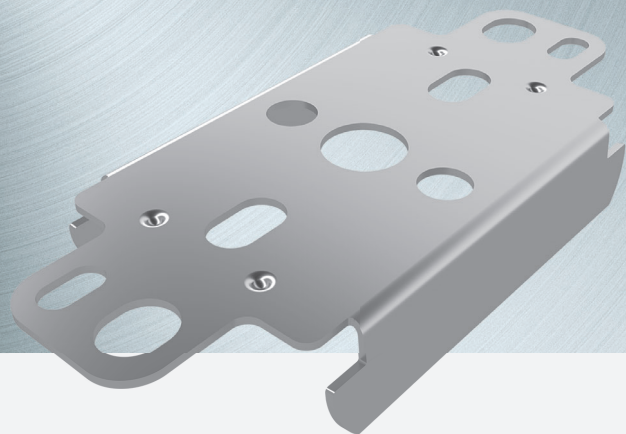
CD connector is used to join and extend CD profiles. Assembly is performed by simple sliding into the profile.

The coupling does not serve as a support hinge and therefore cannot be used for connections by adjacent profiles at the same level, to maintain the strength and load-bearing capacity of the structure.

Product code	Product name	Packing (pcs)	Pcs in carton	Pcs on pallet	Material	Coating EN 10327	Load-bearing capacity DIN 18168-2	Reaction to fire	Corrosion protection	Hazardous substances
41100	CD Profile longitudinal connector - straight 100	100	-	6000	DX51	min. Z100	NPD	A1	B	NPD
41100s	DIY CD Profile longitudinal connector - straight 100	15	-	-	DX51	min. Z100	NPD	A1	B	NPD

The product should be stored in a dry, thermally stable and tempered environment to prevent moisture condensation on the product surface.





Direct hanger Klick Fix

Direct hanger Klick Fix is metal suspension element designed for plaster-board construction, made by compression molding from hot-dip galvanized steel sheet and designed for easy click into CD profile.

Use

The Direct hanger Klick Fix is used for tight anchoring of CD profiles to the supporting structure of the ceiling using screws, nail plugs or ceiling nails.

It is simply clicked into the CD profile and is designed for cases in which no further reduction of the ceiling is required or desired.

Product code	Product name	Packing (pcs)	Pcs in carton	Pcs on pallet	Material	Coating EN 10327	Load-bearing capacity DIN 18168-2	Reaction to fire	Corrosion protection	Hazardous substances
49001K	Direct hanger Klick Fix	100	-	5000	DX51	min. Z100	0,40 kN	A1	B	NPD

The product should be stored in a dry, thermally stable and tempered environment to prevent moisture condensation on the product surface.



INNOVATION

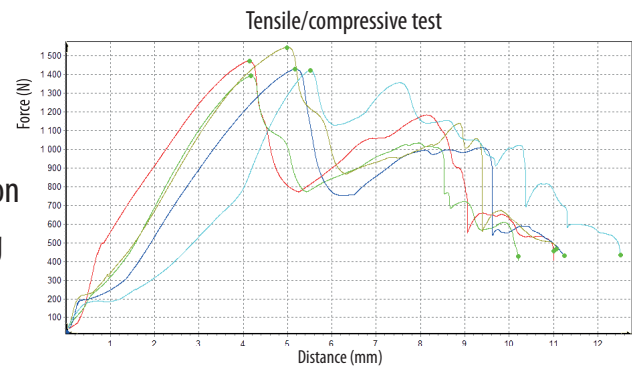
PROFI**FIX**®

CD hanger half-rounded



NEW MODEL

- Highly functional solution for attic installation and truss insulation
- Structure optimization with emphasis on increasing load bearing capacity and comfort of assembly
- Increase of stiffness thanks to the punches
- Compact design without sharp edges, fits perfectly in the hand
- Increased number of holes for precise adjustment of the suspension depth



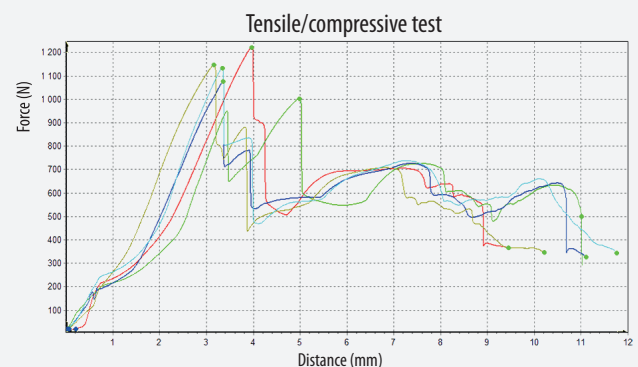
↑ **1451N**
LOAD
↓ **1117N**

↑ **499N / 49Kg**
LOAD BEARING CAPACITY
↓ **335N / 33Kg**



ORIGINAL CONSTRUCTION

before innovation, without embossement and with lower load capacity.



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INNOVATION

PROFIX[®]

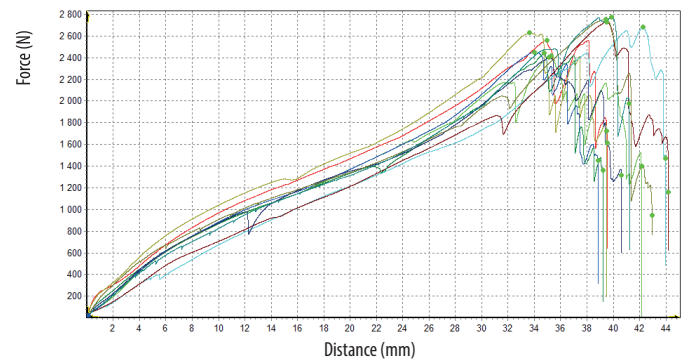
Rafter hanger attachment



NEW RELEASE FROM OUR PRODUCT RANGE

- Rafter hanger attachment is designed for a stronger attach of a larger layer of thermal insulation material.
- Smart solution creating additional air insulation layer. Allows convenient wiring through cavities between vapor barrier and plasterboard.
- Self-adhesive butyl tape on the hanger's base is used to attach the vapor barrier.
- Stronger resistance to mechanical pressure and tension thanks to punches.

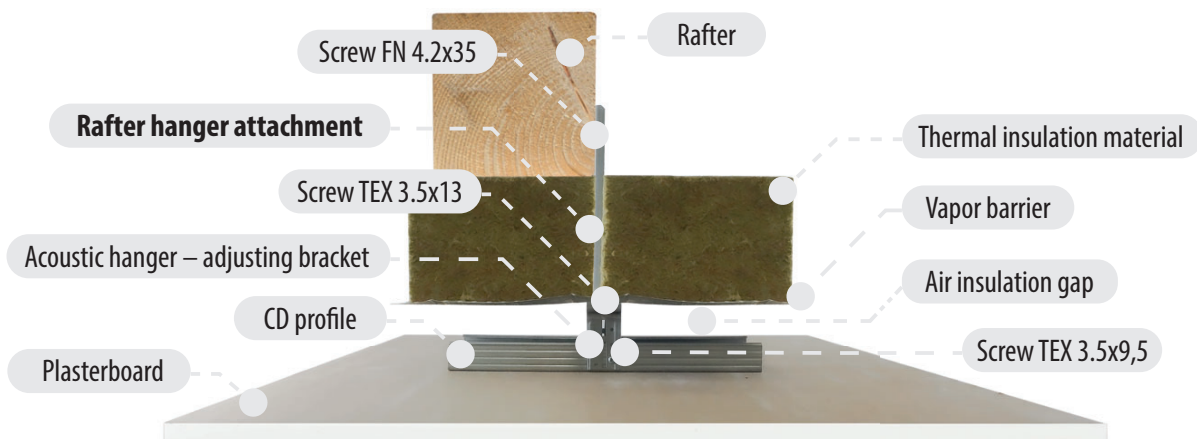
Tensile/compressive test



**2204N
LOAD**



**882N=88kg
LOAD BEARING
CAPACITY**



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Quick hanger T Z5 PREMIUM

The **Quick hanger T-shaped Z5 PREMIUM** is a metal suspension element designed for plasterboard constructions, made by pressing from hot-dip galvanized steel sheet. It consists of a T-shaped body, equipped with embossing to increase strength and with a steel spring with holes for fixing of wire.

Use

It is used to attach the suspended ceiling structure from CD profiles to the supporting structure.

The pair of holes in the spring is designed to capture the wire with the eye or hook. The required reduction is achieved by a suitably selected wire length.

Thanks to its T-shape, the head is fixed in the CD profile by jamming.

Product code	Product name	Packing (pcs)	Pcs in carton	Pcs on pallet	Material	Coating EN 10327	Load-bearing capacity DIN 18168-2	Reaction to fire	Corrosion protection	Hazardous substances
35006	Quick hanger T Z5 PREMIUM	100	-	-	DX51, spring EN C67S+LC	min. Z100, spring Delta tone	0,25 kN	A1	B	NPD

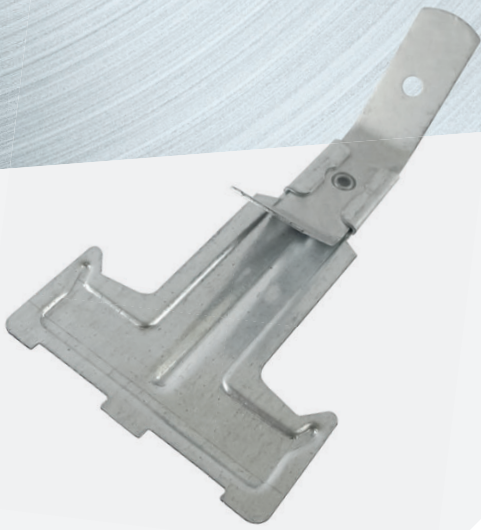
The product should be stored in a dry, thermally stable and tempered environment to prevent moisture condensation on the product surface.



INNOVATION

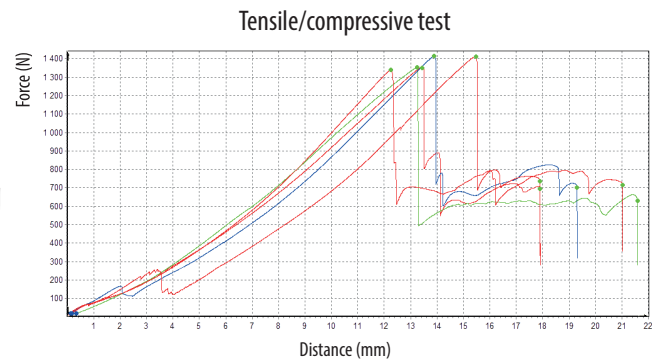
PROFI**FIX**®

Quick hanger T - Z5 PREMIUM



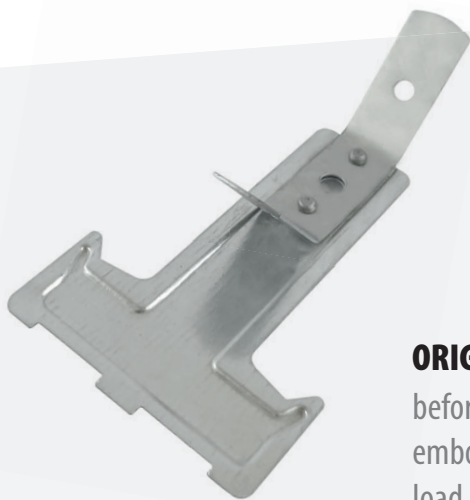
NEW MODEL

- Optimization of the structure with emphasis on increasing the load bearing capacity.
- Functional adjustment of the connection of the hanger's body with the spring without the use of rivets.
- Increase of stiffness through the central recess.
- Strengthened resistance to mechanical pressure and tension.



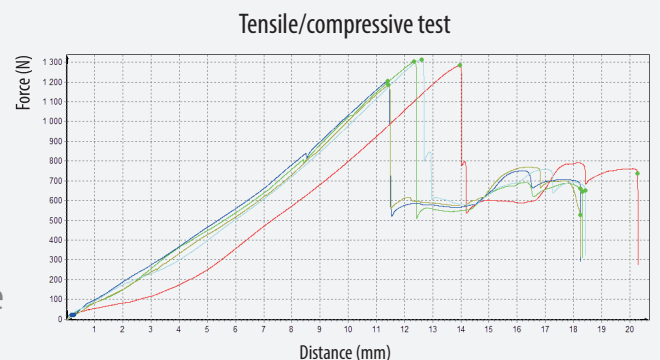
↑ **1374N**
LOAD
↓ **1258N**

↑ **502N = 50Kg**
LOAD BEARING CAPACITY
↓ **423N = 42Kg**



ORIGINAL CONSTRUCTION

before innovation, without middle embossement and with lower load capacity.



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PROFIX[®]

Product list

Straight ceiling suspension with acoustic rubber

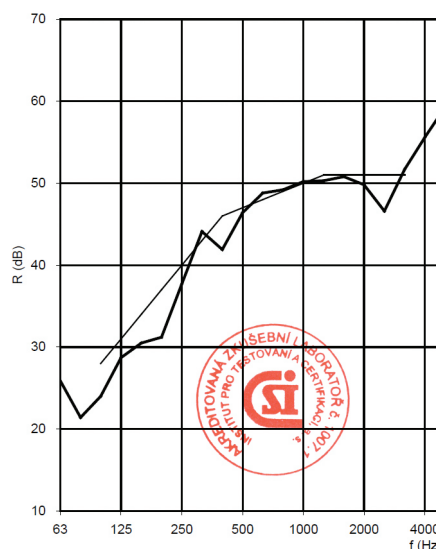
Straight ceiling suspension is a metal suspension element designed for plasterboard construction made by compression molding from steel, hot-dip galvanized sheet. This hanger is produced with punches for strength and holes for easy fix to construction and CD profile. It has an integrated rubber suspension damper at its base to minimize vibrations and noise transmission.

Use

Straight ceiling suspension with acoustic rubber is used for direct anchoring of CD profiles when building pre-walls and suspended ceilings in the case of a request for reduction of vibrations and noise transmission. It is connected to the supporting structure by means of a screw, nail plug or ceiling nail through a rubber damper inserted in base hole. The arms are fixed to the CD profile after they are bent to the mounting position by Sharp or TEX screws.

Required reduction of ceiling is achieved by suitable length of hanging element.

The use of this suspension improves the acoustic properties of the whole structure.



Laboratory measurement of airborne and impact soundproofing according to ČSN EN ISO 10140-2, ČSN EN ISO 10140-3.

Product code	Product name	Packing (pcs)	Pcs in carton	Pcs on pallet	Material	Coating EN 10327	Load-bearing capacity DIN 18168-2	Reaction to fire	Corrosion protection	Hazardous substances
31812G	Straight ceiling suspension 120 with acoustic rubber (for profile 60mm)	-	-	-	DX51	min. Z100	0,40 kN	A1	B	NPD
31114	Straight ceiling suspension 120 with acoustic rubber (for profile 60mm)	-	-	-	DX51	min. Z100	0,40 kN	A1	B	NPD

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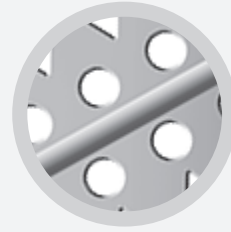
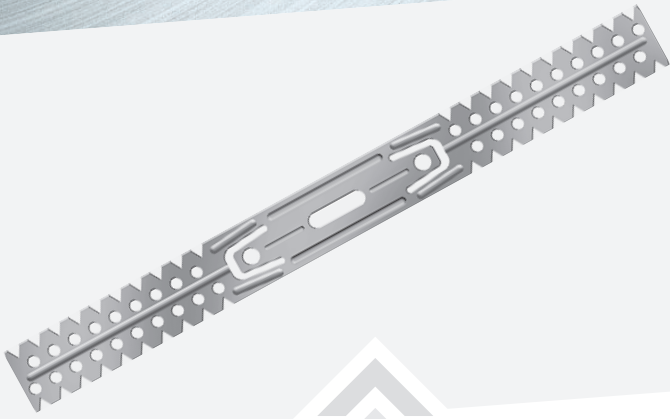


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INNOVATION

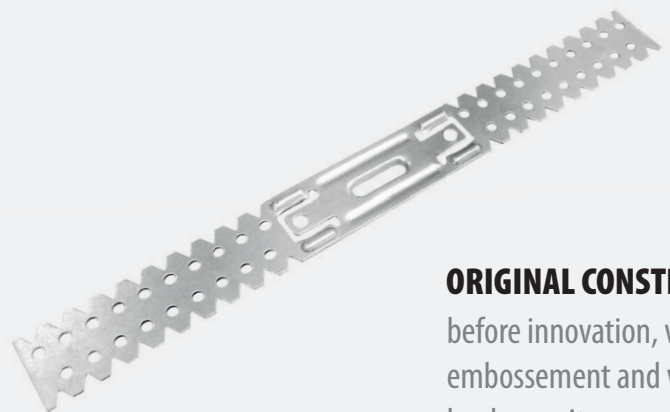
PROFI**FIX**®

Direct hanger



NEW MODEL

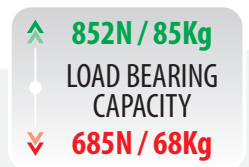
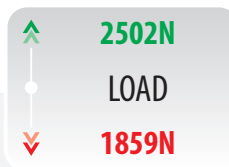
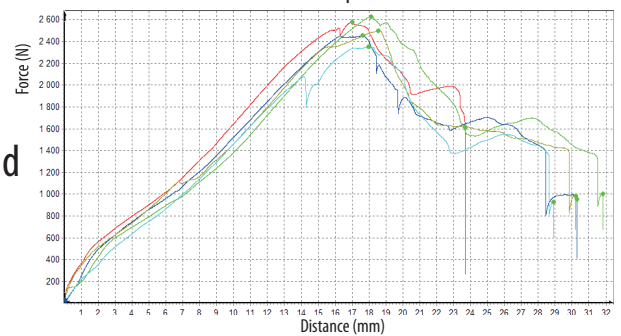
- Structure optimization with emphasis on increasing load bearing capacity
- Functional expansion and strengthening of parts with highest strain
- Increase of stiffness thanks to the punches
- Higher resistance to mechanical pressure and tension



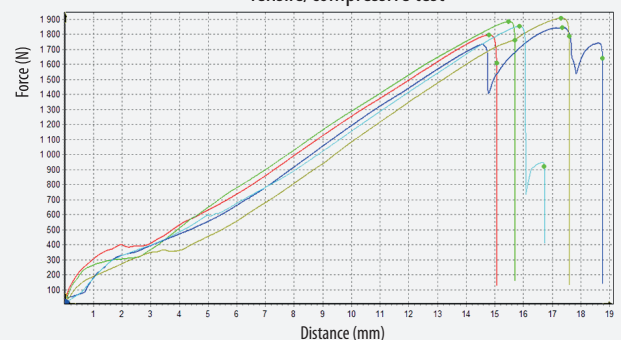
ORIGINAL CONSTRUCTION

before innovation, without embossement and with lower load capacity.

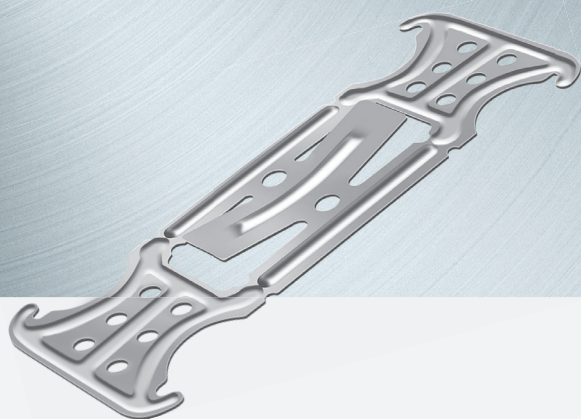
Tensile/compressive test



Tensile/compressive test



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Cross straight connecting piece

Cross straight connecting piece - K2 is a metal connecting piece designed for plasterboard construction made by compression molding from steel, hot-dip galvanized sheet. The connecting piece is equipped with more punches in order to increase the strength. Pair of rounded arms allow easy attachment (clip system) to the CD profile without using screws.

Use

Cross connector is used for bearing and mounting two-level grid created by two CD profiles.

The connector can be inserted into a CD profile by sliding in, or simply attached by using clip system.

Before use must be the arms of connecting piece bent to a mounting position.

Product code	Product name	Packing (pcs)	Pcs in carton	Pcs on pallet	Material	Coating EN 10327	Load-bearing capacity DIN 18168-2	Reaction to fire	Corrosion protection	Hazardous substances
41002	Cross straight connecting piece	100	-	21000	DX51	min. Z100	0,40 kN	A1	B	NPD

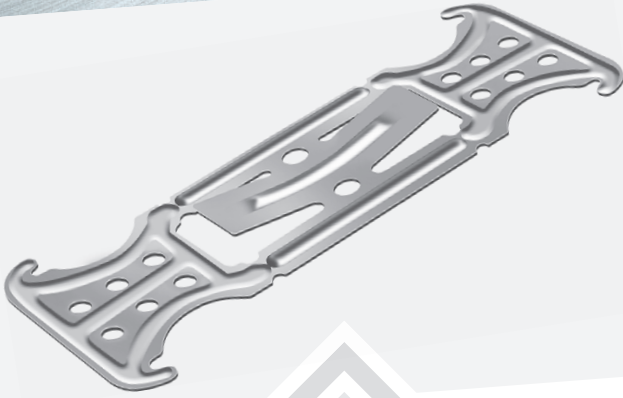
The product should be stored in a dry, thermally stable and tempered environment to prevent moisture condensation on the product surface.



INNOVATION

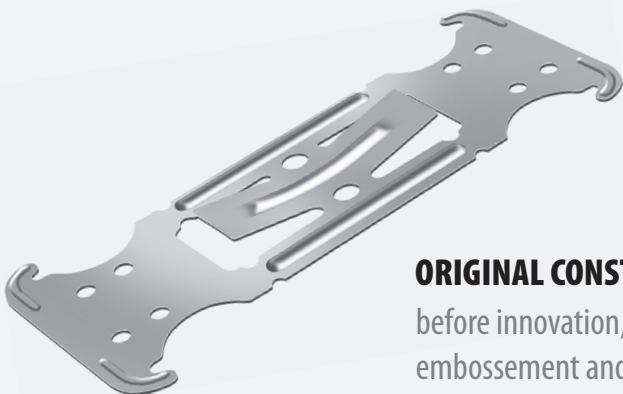
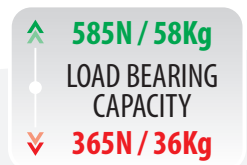
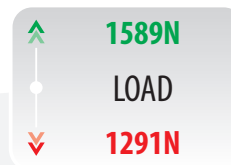
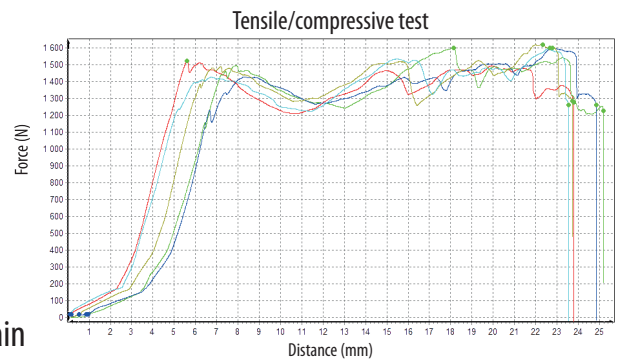
PROFI**FIX**®

Cross connector



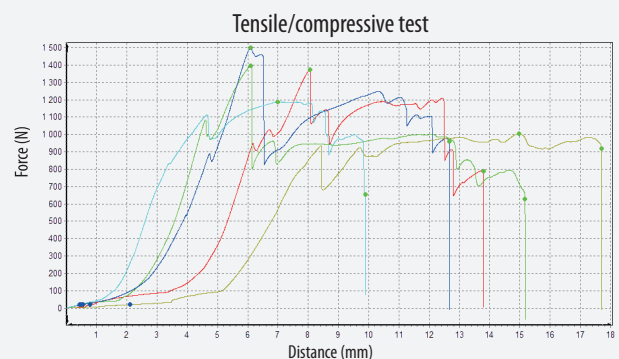
NEW MODEL

- Structure optimization with emphasis on increasing load bearing capacity and comfort of assembly
- Functional expansion and strengthening of parts with highest strain
- Higher resistance to mechanical pressure and tension
- Modeling of the anchor shape for a firmer attach in the CD profile
- Increase of stiffness thanks to the punches



ORIGINAL CONSTRUCTION

before innovation, without embossement and with lower load capacity.



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Product list



TN - PROFIX drywall screw

The TN - PROFIX drywall screw - black/grey phosphate, fine thread, groove PH2, bugle head, the marking is according to TMN standard.

Use

The TN screws are designed for mounting plasterboard into thin-walled profiles with maximum thickness 0,7 mm.



Product code	Product name	Packing (pcs)	Pcs in carton	Pcs on pallet	Material	Coating	Flexural strength	Corrosion protection	Reaction on fire	Hazardous substances
77025	TN 25 - PROFIX drywall screw	1000	16000	384000	steel	grey/black phosphate	pass	48	A1	NPD
77035	TN 35 - PROFIX drywall screw	1000	12000	288000	steel	grey/black phosphate	pass	48	A1	NPD
77045	TN 45 - PROFIX drywall screw	500	8000	192000	steel	grey/black phosphate	pass	48	A1	NPD
77055	TN 55 - PROFIX drywall screw	500	6000	144000	steel	grey/black phosphate	pass	48	A1	NPD
77065	TN 65 - PROFIX drywall screw	500	4000	96000	steel	grey/black phosphate	pass	48	A1	NPD
77070	TN 70 - PROFIX drywall screw	250	3000	72000	steel	grey/black phosphate	pass	48	A1	NPD
77075	TN 75 - PROFIX drywall screw	250	3000	72000	steel	grey/black phosphate	pass	48	A1	NPD
77080	TN 80 - PROFIX drywall screw	250	3000	72000	steel	grey/black phosphate	pass	48	A1	NPD
77090	TN 90 - PROFIX drywall screw	250	3000	72000	steel	grey/black phosphate	pass	48	A1	NPD
77120	TN 120 - PROFIX drywall screw	500	-	-	steel	grey/black phosphate	pass	48	A1	NPD
77140	TN 140 - PROFIX drywall screw	500	-	-	steel	grey/black phosphate	pass	48	A1	NPD
77225	TN / 250 - 25 mm	250	8000	192000	steel	grey/black phosphate	pass	48	A1	NPD
77235	TN / 250 - 35 mm	250	8000	192000	steel	grey/black phosphate	pass	48	A1	NPD
77245	TN / 250 - 45 mm	250	6000	144000	steel	grey/black phosphate	pass	48	A1	NPD
77255	TN / 250 - 55 mm	250	6000	144000	steel	grey/black phosphate	pass	48	A1	NPD
77125	TN / 100 - 25 mm	100	10800	259200	steel	grey/black phosphate	pass	48	A1	NPD
77135	TN / 100 - 35 mm	100	8800	211200	steel	grey/black phosphate	pass	48	A1	NPD
77145	TN / 100 - 45 mm	100	6400	153600	steel	grey/black phosphate	pass	48	A1	NPD
77155	TN / 100 - 55 mm	100	4800	115200	steel	grey/black phosphate	pass	48	A1	NPD

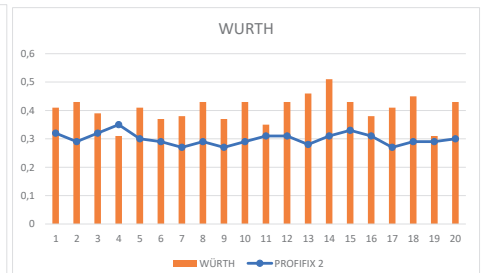
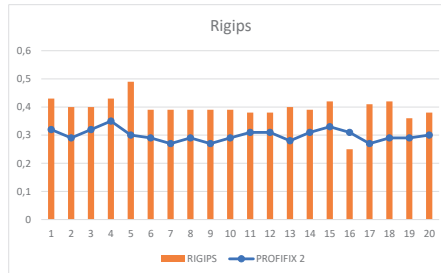
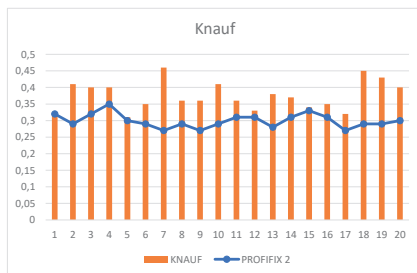
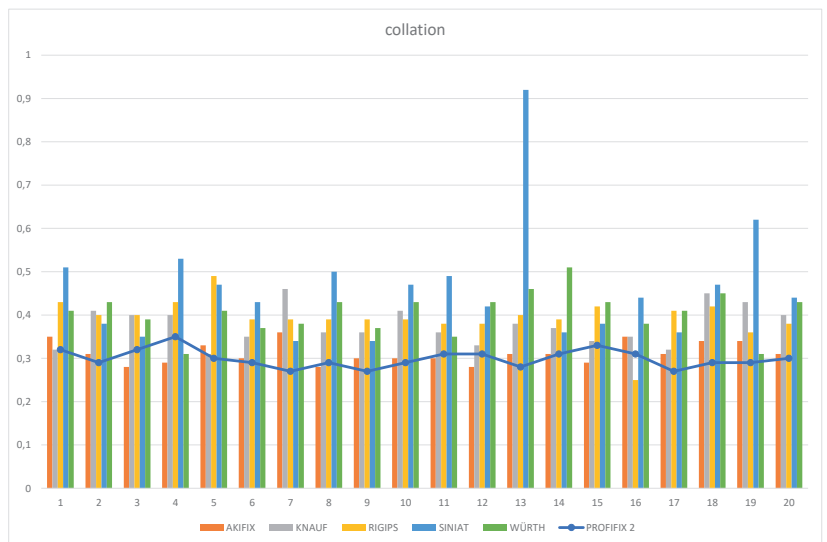
The product should be stored in a dry, thermally stable and tempered environment to prevent moisture condensation on the product surface.

COMPARISON WITH OTHER COMPETITORS

COMPARISON OF SCREWS WITH COMPETITION

2000 rpm 12,35 kg 0,6 CD 02.08.2021	PROFIX Stela	AKIFIX	KNAUF	RIGIPS	SINIAT	WÜRTH
	TN 3,5 x 25	TN 3,5 x 25	TN 3,5 x 25	TN 3,5 x 25	TN 3,5 x 25	TN 3,5 x 25
Number of tests. Screws	20	20	20	20	20	20
The slowest	0,36	0,36	0,46	0,49	0,92	0,509
The fastest	0,27000011	0,28000001	0,31000002	0,25	0,34000004	0,31000002
Diameter	0,2995	0,31200003	0,37550003	0,39449996	0,461	0,4045

PROFIX 2	AKIFIX	KNAUF	RIGIPS	SINIAT	WÜRTH
0,31999993	0,34999994	0,31999993	0,43000007	0,50999999	0,40999996
0,28999992	0,31000002	0,40999996	0,40000006	0,37999995	0,43000007
0,31999993	0,28000001	0,40000006	0,40000006	0,34999994	0,38999986
0,34999994	0,28999992	0,40000006	0,43000007	0,52999997	0,31000002
0,30000012	0,33000013	0,31000002	0,49000001	0,46999999	0,40999996
0,28999992	0,30000012	0,34999994	0,38999986	0,43000007	0,37000005
0,27000011	0,36000014	0,46000008	0,38999986	0,34000004	0,37999995
0,28999992	0,28000001	0,36000014	0,38999986	0,5	0,43000007
0,27000011	0,30000012	0,36000014	0,38999986	0,34000004	0,37000005
0,28999992	0,30000012	0,40999996	0,38999986	0,46999999	0,43000007
0,31000002	0,30000012	0,36000014	0,37999995	0,49000001	0,34999994
0,31000002	0,28000001	0,33000013	0,37999995	0,41999987	0,43000007
0,28000001	0,31000002	0,37999995	0,40000006	0,92000017	0,46000008
0,31000002	0,31000002	0,37000005	0,38999986	0,36000014	0,50999999
0,33000013	0,28999992	0,34000004	0,41999987	0,37999995	0,43000007
0,31000002	0,34999994	0,34999994	0,25	0,43999998	0,37999995
0,27000011	0,31000002	0,31999993	0,40999996	0,36000014	0,40999996
0,28999992	0,34000004	0,44999988	0,41999987	0,46999999	0,44999988
0,28999992	0,34000004	0,43000007	0,36000014	0,62000005	0,31000002
0,30000012	0,31000002	0,40000006	0,37999995	0,43999998	0,43000007
0,2995	0,31200003	0,37550003	0,39449996	0,461	0,4045
0,27000011	0,28000001	0,31000002	0,25	0,34000004	0,31000002



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Screw BS - 5,5 x 38

Screw BS - is a screw with coarse thread and needle point, made of black/-gray phosphated steel, with a crosshead PH 2. THN marking according to EN 14566.

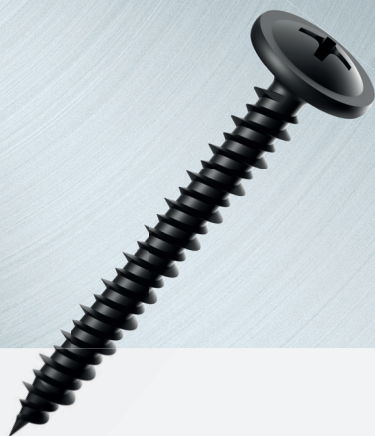
Use

The screw is used to attach gypsum board to the gypsum board, for example, when making details around electricity boxes, etc.

Product code	Product name	Packing (pcs)	Pcs in carton	Pcs on pallet	Material	Coating	Flexural strength	Corrosion protection	Reaction on fire	Hazardous substances
75538	Screw BS - 5,5 x 38	500	6000	144000	steel	Grey/black phosphate	pass	48	A1	NPD

The product should be stored in a dry, thermally stable and tempered environment to prevent moisture condensation on the product surface.





Screw FNK VH 4,3x40 - universal screw

The **universal FNK self-tapping screw** is equipped with a wafer head, crosshead PH2 and Hi-Lo thread.

Its surface is treated with phosphating to increase corrosion resistance. The WUN marking according to EN14566.

Use

The FNK screw is intended for anchoring suspension elements, such as straight hanger and CD hanger or wire with an eye to wooden or metal constructions.

The Hi-Lo thread also allows use with gypsum fiber and cement-bonded chip boards.

Product code	Product name	Packing (pcs)	Pcs in carton	Pcs on pallet	Material	Coating	Flexural strength	Corrosion protection	Reaction on fire	Hazardous substances
76440	Screw FNK VH 4,3x40 - universal screw	500	6000	144000	steel	Grey/black phosphate	pass	48	A1	NPD

The product should be stored in a dry, thermally stable and tempered environment to prevent moisture condensation on the product surface.



Product list



Screw UTN

The **UTN self-tapping screw** is equipped with a countersunk crosshead PH2 and a cutting ring. It has a fine thread and opposite thread under the head, that reduces tearing forces. Its surface is treated with phosphating to increase corrosion resistance. Marking UUN according to the EN14566 standard.

Use

The UTN screw is intended for anchoring hardened plasterboard and gypsum fiber boards to the thin - walled metal profiles with maximum thickness 0.7 mm.

Product code	Product name	Packing (pcs)	Pcs in carton	Pcs on pallet	Material	Coating	Flexural strength	Corrosion protection	Reaction on fire	Hazardous substances
79025	Screw UTN 3,9x25	-	-	-	steel	Grey/black phosphate	pass	48	A1	NPD
79035	Screw UTN 3,9x35	-	-	-	steel	Grey/black phosphate	pass	48	A1	NPD

The product should be stored in a dry, thermally stable and tempered environment to prevent moisture condensation on the product surface.



INNOVATION

PROFI**FIX**®

Collated screws - TN/TX



NEW EFFICIENT WAY

- Fastening collated screws saves time and significantly increases work efficiency and productivity
- Unified belts are suitable for all types of electric screwdrivers
- The most used types of screws are TN/TX
- Certified quality – throughput of screws under 0,4 seconds
- Package – 1000 pcs of screws/pack



AVAILABLE TYPES/DIMENSIONS (50 pcs of screws / per belt)

TN 3,5x25

TN 3,5x35

TN 3,5x45

TN 3,5x55

TX 3,5x25

TX 3,5x35

TX 3,5x45

ORIGINAL INSTALLATION METHOD

Significantly slower way of assembly by individual screws and more difficult manipulation



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TEX self-drilling screw 4,2x13

The **TEX self-drilling screw** is equipped with a low flat head, fine thread and a drill tip. Its surface is galvanized to increase mechanical and corrosion resistance. Marking PSD according to the standard. The low, flattened head prevents damage and deformation of gypsum boards when they are mounted on a prepared structure made of steel profiles.

Use

The TEX screw is intended for interconnecting sheet metal parts in plasterboard constructions.

It can be used for profiles up to thickness 1 mm.

Product code	Product name	Packing (pcs)	Pcs in carton	Pcs on pallet	Material	Coating	Flexural strength	Corrosion protection	Reaction on fire	Hazardous substances
72413	TEX RVH 4,2x13	1000	-	-	steel	Silver zinc	pass	48	A1	NPD

The product should be stored in a dry, thermally stable and tempered environment to prevent moisture condensation on the product surface.





DN 6 - Ceiling anchor - 6 x 40

DN6 - ceiling anchor with a diameter of 6 mm and a length of 40 mm, consists of a steel body with an inserted thorn, which after hammering the anchor into the pre-drilled hole, fulfills the function of a wedge. The surface of both parts is galvanized to increase mechanical and corrosion resistance. The anchor is easy and quick to install.

Use

The ceiling anchor is used for anchoring to ceiling structures made of solid materials, e.g. in stone, solid brick and concrete or reinforced concrete of strength classes C20 / 25 to C50 / 60 with cracks and without cracks according to EN 206-1, also for anchoring in structures where a fire resistance is required. It is suitable for fastening parts of suspended ceilings, wires with eyelets, strips, metal profiles, ventilation distributors or wooden slats. Not suitable for anchoring in hollow materials. The product should be stored in a dry, thermally stable and tempered environment to prevent moisture condensation on the product surface.

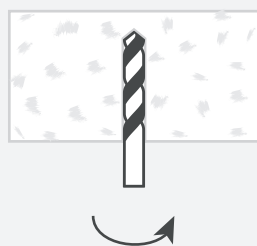
Product code	Product name	Packing (pcs)	Pcs in carton	Pcs on pallet	Material	Coating	Flexural strength	Corrosion protection	Reaction on fire	Hazardous substances
81640	DN 6 - Ceiling anchor - 6x40	100	2000	80000	Steel	galvanized	NPD	NPD	A1	NPD



FIRE RESISTANCE

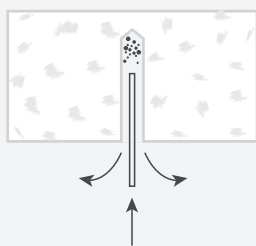
R 120

Installation instructions



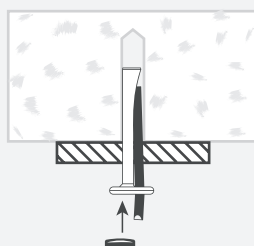
1

Drill a Ø 6 mm hole of the required length.



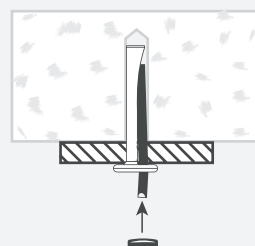
2

Blow out dust from the hole.



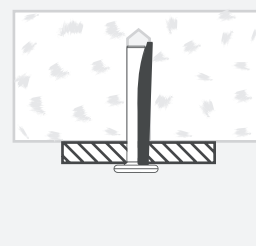
3

Insert the ceiling anchor through the anchored material and push it into the hole by tapping the head of the anchor.



4

Completely hammer in the anchor thorn.



Good job!



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European Technical Assessment

**ETA 20/0750 – version 01
of 18/03/2021**

General Part

Technical Assessment Body issuing the ETA and designated according to Article 29 of the Regulation (EU) No 305/2011: **Technický a skúšobný ústav stavebný, n. o.**

Trade name of the construction product

DN6 – Ceiling anchor

Product family to which the construction product belongs

Product area code: 33
FIXINGS

Manufacturer

DK mont a.s.
Újezd 81
789 85 Mohelnice
Czech Republic

Manufacturing plant

DK mont a.s.
Újezd 81
789 85 Mohelnice
Czech Republic

This European Technical Assessment contains

11 pages including 6 Annexes which form an integral part of this assessment.

This European Technical Assessment is issued in accordance with regulation (EU) No 305/2011, on the basis of

European Assessment Document (EAD) 330747-00-0601, "Fasteners for use in concrete for redundant non-structural systems".

This version replaces

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