



Drywall fastener systems

KLIMAS

GENERAL CATALOGUE 2015



KGM / KSGM / KMG GYPSUM TO STEEL SCREWS



PN-EN 14566+A1:2012



APPLICATION

For fixing of plasterboards to steel base material.

SPECIFICATIONS

Material	steel
Corrosion protection	phosphate coating
Substrate	Steel sheet, max thickness 0.75 mm

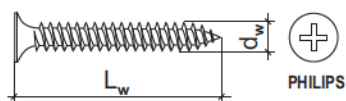
SAMPLE APPLICATION



RESISTANCE

Code and size	Zinc-plated sheet thickness [mm]	Design pull-out resistance [kN]	Design shear load resistance [kN]
KGM / KSGM / KMG - 3.5 x L	0.60	0.40	0.82
KGM / KSGM / KMG - 3.5 x L	0.75	0.63	1.21
KGM / KSGM / KMG - 4.2 x L	0.60	0.44	0.89
KGM / KSGM / KMG - 4.2 x L	0.75	0.73	1.52
KGM / KSGM / KMG - 4.8 x L	0.60	0.51	0.89
KGM / KSGM / KMG - 4.8 x L	0.75	0.81	1.43

S10 sheet steel according to PN-88/H-84020



TECHNICAL DATA



Code	Size (d _s x L _s)	Recessed drive type	KGM Pcs per kg (approx.)	KSGM Pcs per box	KMG Pcs per polybag
KGM / KSGM / KMG-35025	3.5 x 25	PH-2	740	1000	200
KGM / KSGM / KMG-35035	3.5 x 35	PH-2	565	1000	200
KGM / KSGM / KMG-35045	3.5 x 45	PH-2	448	500	100
KGM / KSGM / KMG-35055	3.5 x 55	PH-2	392	500	100
KGM / KSGM / KMG-42070	4.2 x 70	PH-2	229	250	100
KGM / KSGM / KMG-42090	4.2 x 90	PH-2	181	250	50
KGM / KSGM / KMG-48100	4.8 x 100	PH-2	150	200	25
KGM / KSGM / KMG-48120	4.8 x 120	PH-2	100	200	25



KGD / KSGD / KMGD GYPSUM TO WOOD SCREWS



PN-EN 14566+A1:2012



APPLICATION

For fixing of plasterboards to wood.

SPECIFICATIONS

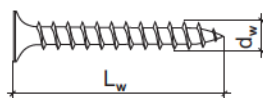
Material	steel
Corrosion protection	phosphate coating
Substrate	wood, chipboard

SAMPLE APPLICATION



RESISTANCE

Code and size	Anchorage depth (mm)	Design pull-out resistance (kN)	Design shear load resistance (kN)
KGD / KSGD / KMGD - 3.5 x L	30	1.77	0.63
KMGD - 3.5 x L	15	1.11	0.61
KGD / KSGD / KMGD - 4.2 x L	35	2.05	1.1
KMGD - 4.2 x L	18	1.15	0.96
KGD / KSGD / KMGD - 4.8 x L	40	3.17	1.1
KMGD - 4.8 x L	20	1.57	0.96



PHILIPS

TECHNICAL DATA



Code	Size (d _s x L)	Recessed drive type	KGD Pcs per kg (approx.)	KSGD Pcs per box	KMGD Pcs per polybag
KGD / KSGD / KMGD - 35025	3,5 x 25	PH-2	740	1000	200
KGD / KSGD / KMGD - 35035	3,5 x 35	PH-2	565	1000	200
KGD / KSGD / KMGD - 35045	3,5 x 45	PH-2	448	500	100
KGD / KSGD / KMGD - 35055	3,5 x 55	PH-2	392	500	100
KGD / KSGD / KMGD - 42070	4,2 x 70	PH-2	229	250	100
KGD / KSGD / KMGD - 42090	4,2 x 90	PH-2	181	250	50
KGD / KSGD / KMGD - 48100	4,8 x 100	PH-2	150	200	25
KGD / KSGD / KMGD - 48120	4,8 x 120	PH-2	100	200	25



KSSG / KMSG GYPSUM TO STEEL SELF-DRILLING SCREWS



PN-EN 14566+A1:2012



SAMPLE APPLICATION



RESISTANCE

Code and size	Zinc-plated sheet thickness (mm)	Design pull-out resistance (kN)	Design shear load resistance (kN)
KSSG / KMSG - 3.5 x L	0.60	0.34	0.85
	1.00	0.72	2.24
	1.25	1.04	2.99

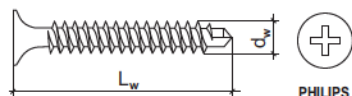
S10 sheet steel according to PN-88/H-84020

APPLICATION

For fixing of plasterboards to steel base material.

SPECIFICATIONS

Material	steel
Corrosion protection	phosphate coating
Substrate	steel sheet, thickness of 0.75÷2.25 mm



TECHNICAL DATA



Code	Size (d _s x L _s)	Recessed drive type	Drilling capacity (mm)	KSSG Pcs per box	KMSG Pcs per polybag
KSSG / KMSG-35025	3,5 x 25	PH-2	2	1000	200
KSSG / KMSG-35035	3,5 x 35	PH-2	2	1000	100
KSSG / KMSG-35045	3,5 x 45	PH-2	2	500	100



KMTEX / KSTEX TEX SELF-DRILLING SCREWS



PN-EN 14566+A1:2012

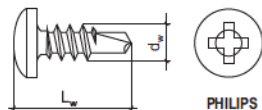


APPLICATION

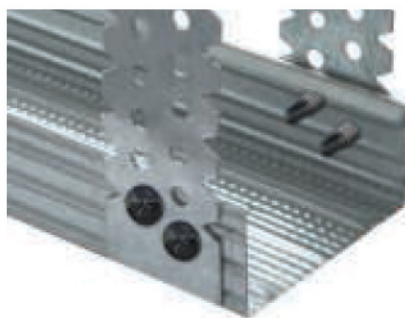
For joining thin steel elements, in drywall technology used for fastening of ES and ESP brackets with CD 60/27 sections or for joining of UD, CD, U, and C sections.

SPECIFICATIONS

Material	carbon steel
Corrosion protection	phosphate coating or zinc
Substrate	steel sheet, thickness of 0.75÷2.25 mm.



SAMPLE APPLICATION



RESISTANCE

Code and size	Zinc-plated sheet thickness [mm]	Design pull-out resistance [kN]	Design shear load resistance [kN]
KSTEX / KMTEX - 3.9 (3.5) x L	0.60	0.33	0.57
	0.75	0.45	1.05
	1.00	0.61	1.73

S10 sheet steel according to PN-88/H-84020

TECHNICAL DATA

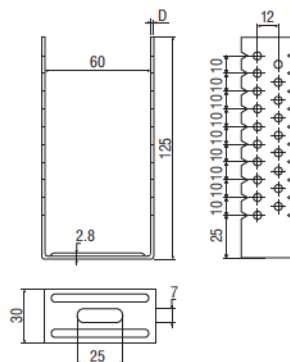
Code	Size (d _s x L _s)	Recessed drive type	Drilling capacity [mm]	KSTEX Pcs per box	KMTEX Pcs per polybag
KSTEX / KMTEX-35095	3,5 x 9,5	PH-2	2	1000	500



PN-EN 13964:2005

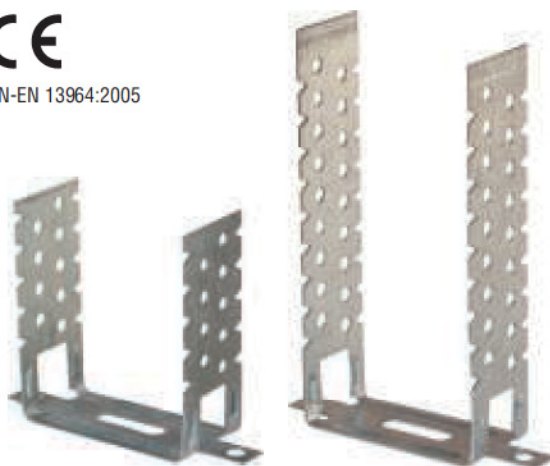


Durability	A:B Class
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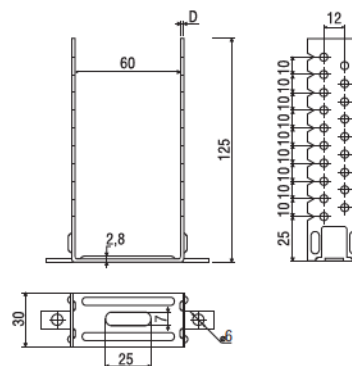


ES-60-75-08	0.80	100
ES-60-125-08	0.80	100

PN-EN 13964:2005



Durability	A:B Class
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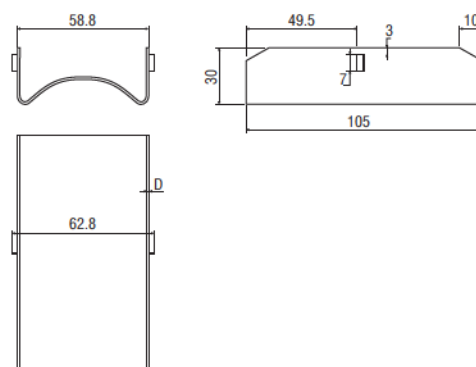
ESP-60-75-08	0.80	100
ESP-60-125-08	0.80	100
ESP-60-175-08	0.80	100
ESP-60-225-08	0.80	100



ZPD LONGITUDINAL CONNECTOR FOR CD 60/27 SECTIONS



PN-EN 13964:2005



APPLICATION

For axial connections of CD 60/27 steel sections in single or double suspended ceiling grids.

SPECIFICATIONS

Material Zinc plated sheet steel

Reaction to fire Euroclass A1

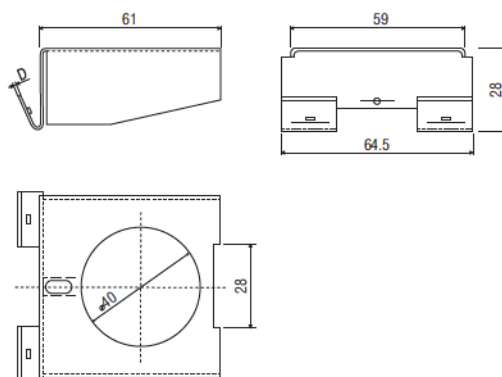
Durability A:B Class

TECHNICAL DATA

Code	Steel thickness D [mm]	Pcs per box
ZPD	0.60	100



PN-EN 13964:2005



APPLICATION

For connecting of CD 60/27 steel sections in single or double suspended ceiling grids.

SPECIFICATIONS

Material Zinc plated sheet steel

Reaction to fire Euroclass A1

Durability A:B Class

RESISTANCE

Code	Permissible load F_{tsp} [kN]
ZPP-08	0.30

TECHNICAL DATA

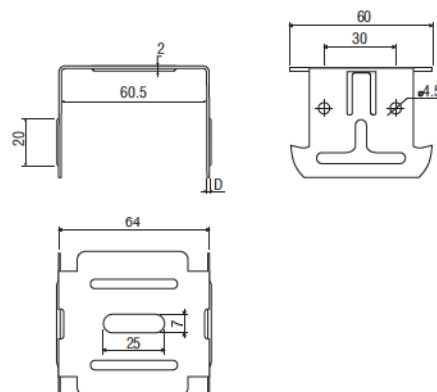
Code	Steel thickness D [mm]	Pcs per box
ZPP-08	0.8	100



ZK CROSS BRACKET FOR CD 60/27 SECTIONS



PN-EN 13964:2005



APPLICATION

For connecting of CD 60/27 sections in double suspended ceiling grids.

SPECIFICATIONS

Material	Zinc plated sheet steel
Reaction to fire	Euroclass A1
Durability	A:B Class

RESISTANCE

Code	Permissible load F_{ap} [kN]
ZK-8	0.50

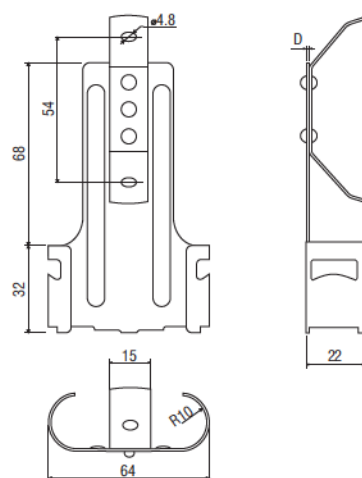
TECHNICAL DATA

Code	Steel thickness D [mm]	Pcs per box
ZK-8	0.80	100

WSO REVOLVING HANGER



PN-EN 13964:2005



APPLICATION

Indirect fixing for fastening of single or double grids made from CD 60/27 steel sections.

SPECIFICATIONS

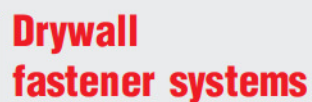
Material	Zinc plated sheet steel
Reaction to fire	Euroclass A1
Durability	A:B Class

RESISTANCE

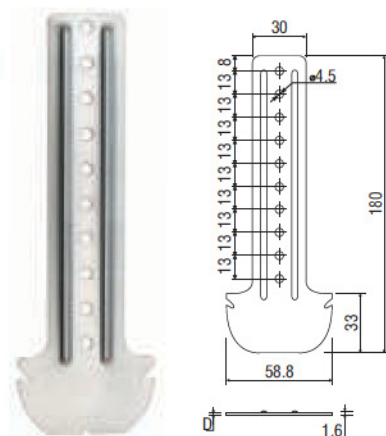
Code and size	Permissible load F_{ap} [kN]
WSO-60-100-08	0.30

TECHNICAL DATA

Code and size	Steel thickness D [mm]	Pcs per box
WSO-60-100-08	0.80	100

**WK** RAFTER TIE PLATE

PN-EN 13964:2005



APPLICATION

For rigid fixing of CD 60/27 sections to timber roof bearing structures.

SPECIFICATIONS

Material	Zinc plated sheet steel
Reaction to fire	Euroclass A1
Durability	A-B Class

RESISTANCE

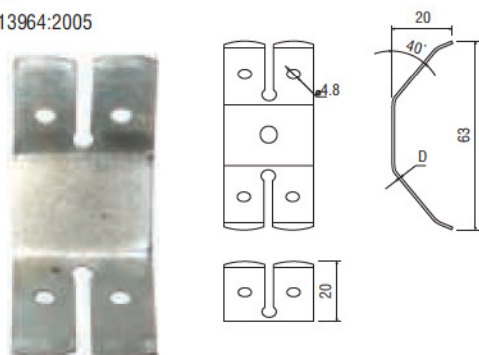
Code	Permissible load F_{sup} [kN]
WK-60-60-08	0.30

TECHNICAL DATA

Code	Steel thickness D [mm]	Pcs per box
WK-60-60-08	0.8	100
WK-60-270-08	0.8	100

WDH DOUBLE HANGER

PN-EN 13964:2005



APPLICATION

For use with fastening pins to allow for adjustment of connection lengths.

SPECIFICATIONS

Material	Zinc plated sheet steel
Reaction to fire	Euroclass A1
Durability	A-B Class

RESISTANCE

Code	Permissible load F_{sup} [kN]
WDH	0.38

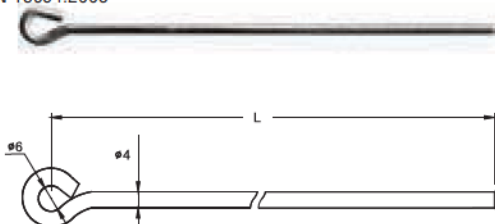
TECHNICAL DATA

Code	Steel thickness D [mm]	Pcs per box
WDH	0.7	100

PM FASTENING PIN



PN-EN 13964:2005



APPLICATION

Indirect fastener, used to reduce the height difference between the slab and suspended ceiling.

SPECIFICATIONS

Material	Zinc plated sheet steel
Reaction to fire	Euroclass A1
Durability	A-B Class

RESISTANCE

Code	Permissible load F_{dep} [kN]
PM+WSO	0.30

TECHNICAL DATA

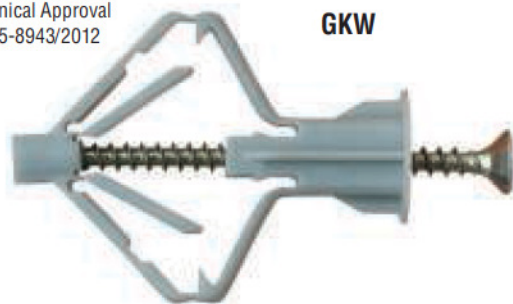
Code	Length L [mm]	Pcs per box
PM-25	250	100
PM-50	500	100
PM-75	750	100
PM-100	1000	100
PM-150	1500	100
PM-200	2000	100



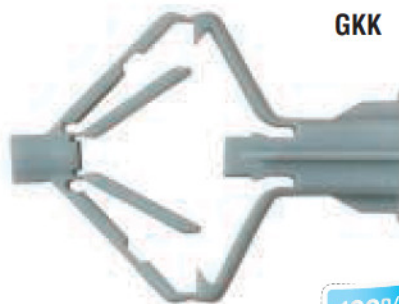
GKW / GKK PLASTERBOARD PLUGS AND PLUGS WITH SCREWS



Technical Approval
AT-15-8943/2012



GKW



GKK

100% nylon

APPLICATION

For lightweight fixings in plaster board and cavity walls with relative humidity not higher than 80%.

SPECIFICATIONS

Plug	nylon
Screw	steel
Corrosion protection	zinc chromate coating
Substrate	cavity walls, plasterboard, chipboard

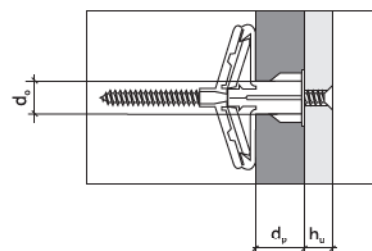
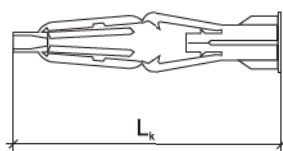
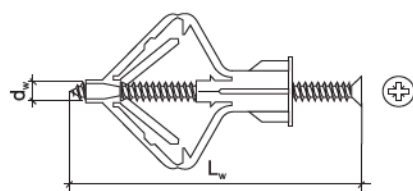
SAMPLE APPLICATION



RESISTANCE

Code and size	Design resistance in hollow ceramic brick	Design resistance in plaster board [kN]
GKW-10	0.13	0.17

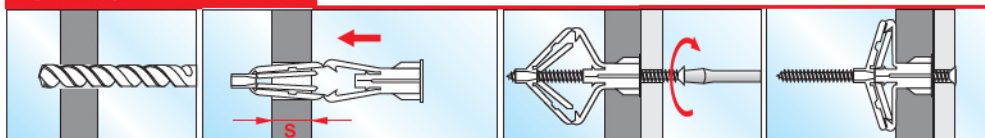
Hollow ceramic brick, class not lower than 10 according to PN-B-12055/A1:1998/Az2:2003 (class C); Plasterboards according to PN-B-19402:1996



TECHNICAL DATA

Code and size	Drill hole diameter d _s (mm)	Plug length L _p (mm)	Screw length and diameter d _s x L _w (mm)	Minimum depth of drilled hole h _{u min} (mm)	Minimum anchorage depth d _s (mm)	Maximum fixture thickness h _u (mm)	Recessed drive type	Pieces per pack
GKW	10	50	3.5x60	35	12	30	PZ-2	100
GKK	10	50	range 3-4	35	12	-	-	200

INSTALLATION





MOL "MOLLY" STEEL ANCHOR

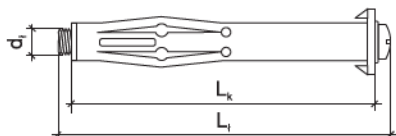


APPLICATION

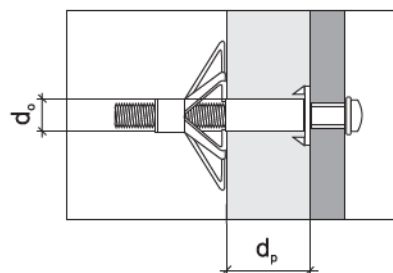
For medium duty fixing of interior finish products in plasterboard and cavity materials.

SPECIFICATIONS

Material	steel
Corrosion protection	zinc chromate coating
Substrate	cavity walls, plasterboard, chipboard



SAMPLE APPLICATION



TECHNICAL DATA

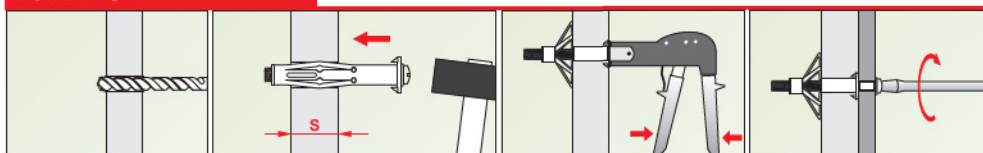
Code	Bolt diameter and length $d \times L$ (mm)	Drill hole diameter d_0 (mm)	Shank length L_k (mm)	Drywall thickness range d_p (mm)	Pcs per box
MOL-04025	M4 x 25	9	19	2 - 6	100
MOL-04038	M4 x 38	9	32	6 - 12	100
MOL-04045	M4 x 45	9	38	13 - 16	100
MOL-04052	M4 x 52	9	45	20 - 24	100
MOL-04065	M4 x 65	9	54	27 - 33	100
MOL-05045	M5 x 45	11	37	6 - 12	100
MOL-05058	M5 x 58	11	52	12 - 16	50
MOL-05071	M5 x 71	11	65	24 - 32	50
MOL-05088	M5 x 88	11	80	38 - 45	50
MOL-06045	M6 x 45	13	37	7 - 12	50
MOL-06058	M6 x 58	13	52	10 - 16	50
MOL-06071	M6 x 71	13	65	24 - 32	50
MOL-06088	M6 x 88	13	80	38 - 45	50

RESISTANCE

Code and size	Characteristic /design resistance in 9.5 mm plasterboard [kN]	Characteristic /design resistance in 12.5 mm plasterboard [kN]	Characteristic /design resistance in 2x12.5 mm plasterboard [kN]	Characteristic /design resistance in 10 mm chipboard [kN]
MOL - M4	0.37 / 0.17	0.40 / 0.18	0.46 / 0.21	0.62 / 0.28
MOL - M5	0.53 / 0.24	0.78 / 0.35	0.86 / 0.39	1.28 / 0.58
MOL - M6	0.60 / 0.27	0.95 / 0.43	1.40 / 0.63	1.95 / 0.88

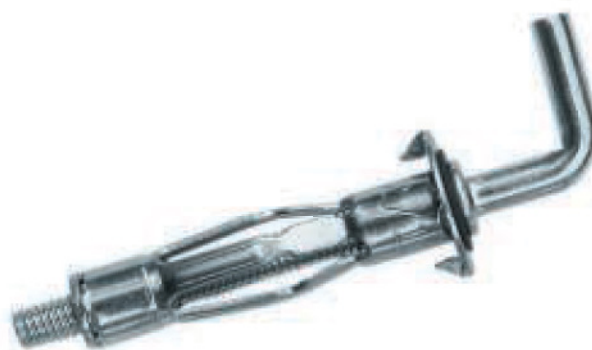
Plasterboards according to PN-EN 520:2005; PN-B-79405:1997/Ap1:1999
Chipboards according to PN-EN 312:2005

INSTALLATION





MHP "MOLLY" STEEL ANCHOR WITH STRAIGHT HOOK

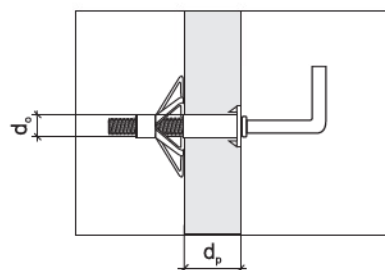
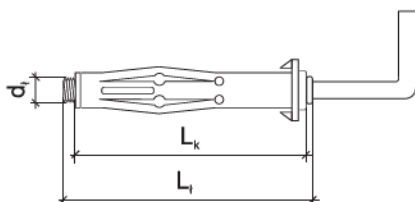


APPLICATION

For lightweight fixing of interior finish products in plasterboard and cavity walls.

SPECIFICATIONS

Material	steel
Corrosion protection	zinc chromate coating
Substrate	cavity walls, plasterboard, chipboard



TECHNICAL DATA

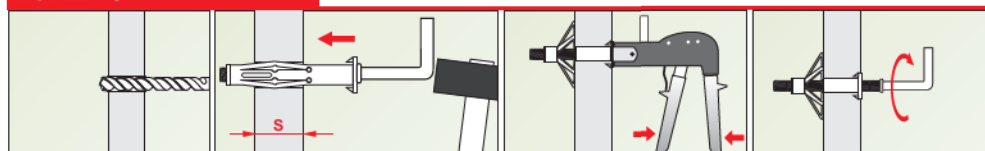
Code	Bolt diameter and length $d \times L$ (mm)	Drill hole diameter d_h (mm)	Shank length L_k (mm)	Drywall thickness range d_s (mm)	Pcs per box
MHP-04032	M4 x 38	9	32	6 - 12	100
MHP-05052	M5 x 58	11	52	12 - 16	50

RESISTANCE

Code and size	Characteristic /design resistance in 9.5 mm plasterboard [kN]	Characteristic /design resistance in 12.5 mm plasterboard [kN]	Characteristic /design resistance in 2x12.5 mm plasterboard [kN]
MHP - M4	0.37 / 0.17	0.40 / 0.18	0.62 / 0.28
MHP - M5	0.53 / 0.24	0.78 / 0.35	1.28 / 0.58

Plasterboards according to PN-EN 520:2005; PN-B-79405:1997/Ap1:1999
Chipboards according to PN-EN 312:2005

INSTALLATION





MHO "MOLLY" STEEL ANCHOR WITH EYE HOOK

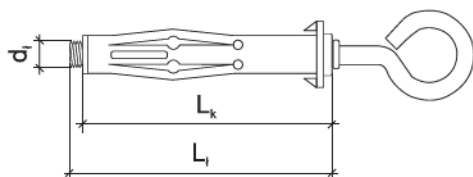
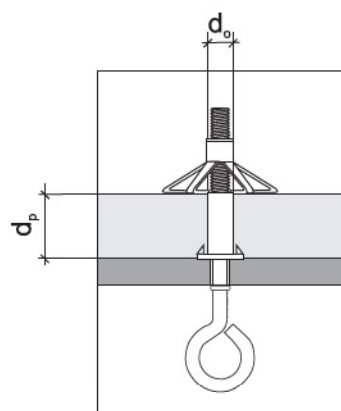


APPLICATION

Heavy duty fastener for fixing of interior finish products in plasterboard and cavity materials.

SPECIFICATIONS

Material	steel
Corrosion protection	zinc chromate coating
Substrate	cavity walls, plasterboard, chipboard



RESISTANCE

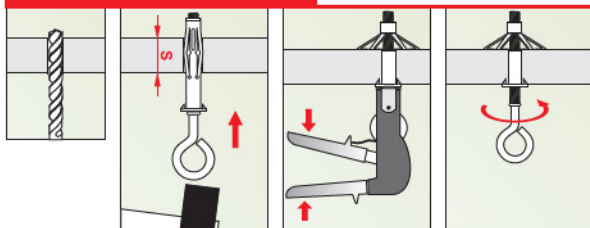
Code and size	Characteristic /design resistance in 9.5 mm plasterboard [kN]	Characteristic /design resistance in 12.5 mm plasterboard [kN]	Characteristic /design resistance in 10 mm chipboard [kN]	Resistance of hook [kN]
MHO - M4	0.37 / 0.17	0.40 / 0.18	0.62 / 0.28	0.55

Plasterboards according to PN-EN 520:2005; PN-B-79405:1997/Ap1:1999
Chipboards according to PN-EN 312:2005

TECHNICAL DATA

Code	Bolt diameter and length d, x L _i (mm)	Drill hole diameter d _o (mm)	Shank length L _k (mm)	Drywall thickness range d _p (mm)	Pcs per box
MHO-04032	M4 x 38	9	32	6 - 12	100

INSTALLATION





MHS "MOLLY" STEEL ANCHOR WITH ROUND HOOK

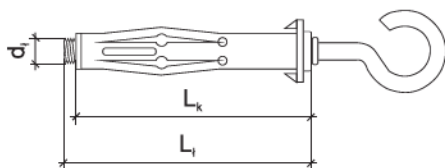
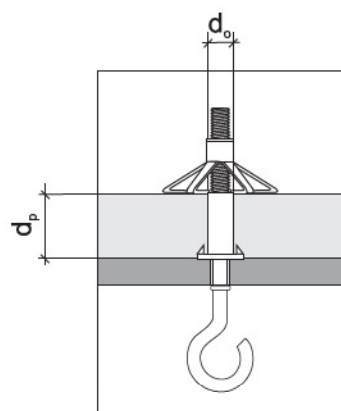


APPLICATION

For lightweight fixing of interior finish products in plasterboard and cavity materials.

SPECIFICATIONS

Material	steel
Corrosion protection	zinc chromate coating
Substrate	cavity walls, plasterboard, chipboard



RESISTANCE

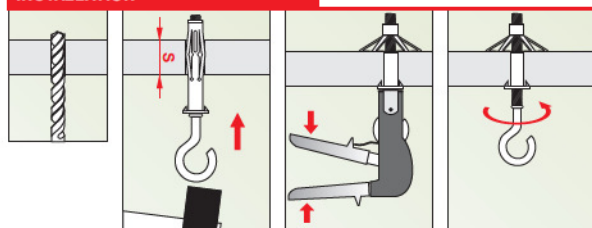
Code and size	Characteristic /design resistance in 9.5 mm plasterboard [kN]	Characteristic /design resistance in 12.5 mm plasterboard [kN]	Characteristic /design resistance in 10 mm chipboard [kN]	Resistance of hook [kN]
MHS - M4	0.37 / 0.17	0.40 / 0.18	0.62 / 0.28	0.55

Plasterboards according to PN-EN 520:2005; PN-B-79405:1997/Ap1:1999
Chipboards according to PN-EN 312:2005

TECHNICAL DATA

Code	Bolt diameter and length d, x L _t (mm)	Drill hole diameter d _o (mm)	Shank length L _k (mm)	Drywall thickness range d _p (mm)	Pcs per box
MHS-04032	M4 x 38	9	32	6 - 12	100

INSTALLATION



HT "MOLLY" ANCHOR SETTING TOOL





M TOGGLE ANCHOR

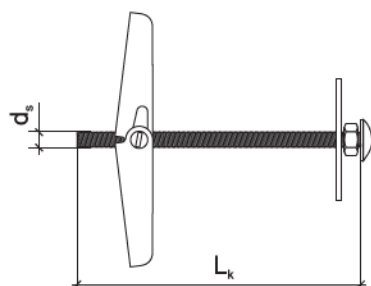
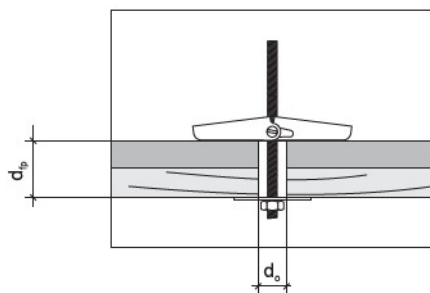


APPLICATION

For lightweight fixing of interior finish products in plasterboard and cavity materials.

SPECIFICATIONS

Material	steel
Corrosion protection	zinc chromate coating
Substrate	cavity wall materials, plasterboard (single or multiple layer), wet technology ceilings, chipboard, Ackerman hollow brick slabs



RESISTANCE

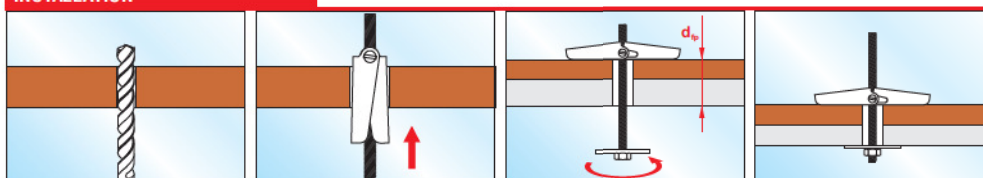
Code and size	Characteristic / design resistance [kN]
M4 x 50	1.08 / 0.54
M4 x 75	1.08 / 0.54
M5 x 75	1.45 / 0.72
M5 x 90	1.45 / 0.72

Fastener resistance does not account for base material resistance.

TECHNICAL DATA

Code	Bolt diameter and length d _b x L _k (mm)	Drill hole diameter d _e (mm)	Shank length L _k (mm)	Drywall thickness range d _o (mm)	Pcs per box
M-04050	M4 x 50	14	50	20	50
M-04075	M4 x 75	14	75	42	50
M-05075	M5 x 75	16	75	42	25
M-05090	M5 x 90	16	90	57	25

INSTALLATION





M-C TOGGLE ANCHOR WITH ROUND HOOK

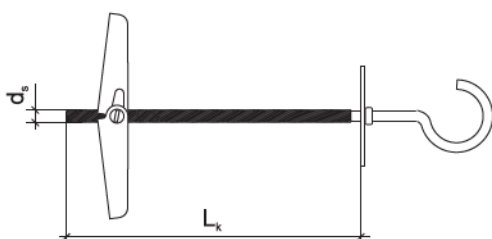
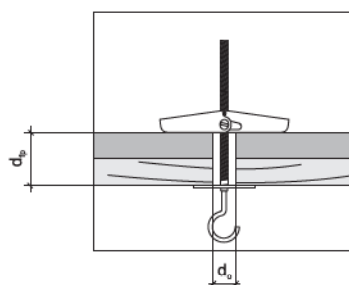


APPLICATION

For lightweight fixing of interior finish products in plasterboard and cavity materials.

SPECIFICATIONS

Material	steel
Corrosion protection	zinc chromate coating
Substrate	cavity wall materials, plasterboard (single or multiple layer), wet technology ceilings, chipboard, Ackerman hollow brick slabs

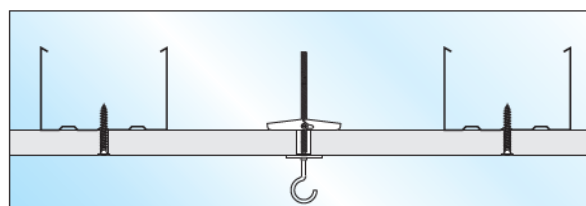


RESISTANCE

Code and size	Characteristic / design resistance [kN]	Design resistance of hook [kN]
M4 x 50 C	1.08 / 0.54	0.55
M4 x 75 C	1.08 / 0.54	0.55
M5 x 75 C	1.45 / 0.72	0.70
M5 x 90 C	1.45 / 0.72	0.70

Fastener resistance does not account for base material resistance.

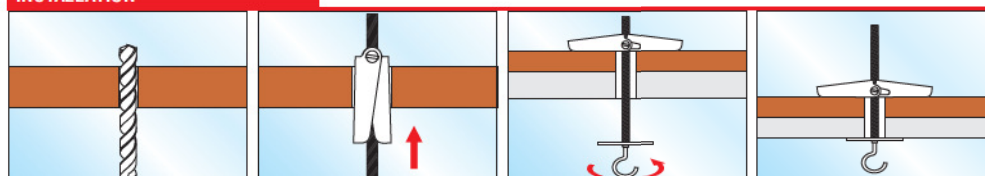
SAMPLE APPLICATION



TECHNICAL DATA

Code	Bolt diameter and length d _s x L _s (mm)	Drill hole diameter d _a (mm)	Shank length L _s (mm)	Drywall thickness range d _w (mm)	Pcs per box
M-04050-C	M4 x 50	14	50	20	50
M-04075-C	M4 x 75	14	75	42	50
M-05075-C	M5 x 75	16	75	42	25
M-05090-C	M5 x 90	16	90	57	25

INSTALLATION





M-O TOGGLE ANCHOR WITH EYE HOOK

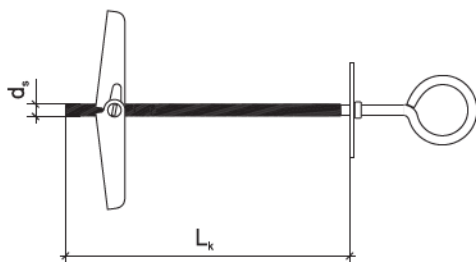
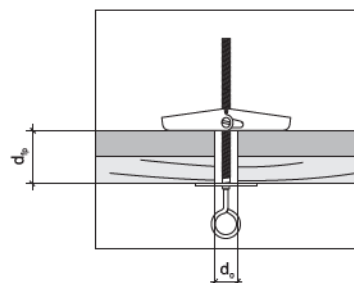


APPLICATION

For lightweight fixing of interior finish products in plasterboard and cavity materials.

SPECIFICATIONS

Material	steel
Corrosion protection	zinc chromate coating
Substrate	cavity wall materials, plasterboard (single or multiple layer), wet technology ceilings, chipboard, Ackerman hollow brick slabs



RESISTANCE

Code and size	Characteristic / design resistance [kN]	Design resistance of hook [kN]
M4 x 50 O	1.08 / 0.54	0.55
M4 x 75 O	1.08 / 0.54	0.55
M5 x 75 O	1.45 / 0.72	0.70
M5 x 90 O	1.45 / 0.72	0.70

Fastener resistance does not account for base material resistance.

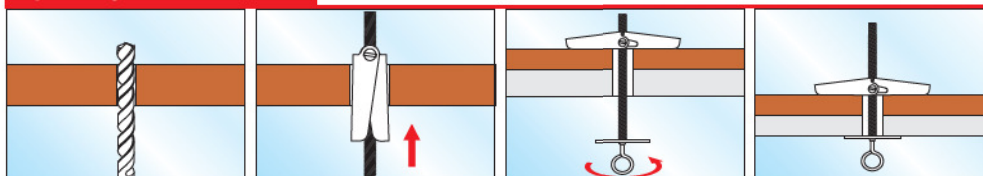
SAMPLE APPLICATION



TECHNICAL DATA

Code	Bolt diameter and length d, x L _t (mm)	Drill hole diameter d _s (mm)	Shank length L _s (mm)	Drywall thickness range d _p (mm)	Pcs per box
M-04050-O	M4 x 50	14	50	20	50
M-04075-O	M4 x 75	14	75	42	50
M-05075-O	M5 x 75	16	75	42	25
M-05090-O	M5 x 90	16	90	57	25

INSTALLATION





DRN-23 PLASTERBOARD "DRIVA" NYLON PLUG



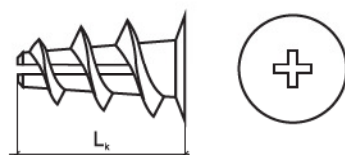
100% nylon

APPLICATION

For use with fastening screws.

SPECIFICATIONS

Material	nylon
Substrate	plasterboard



SAMPLE APPLICATION



RESISTANCE

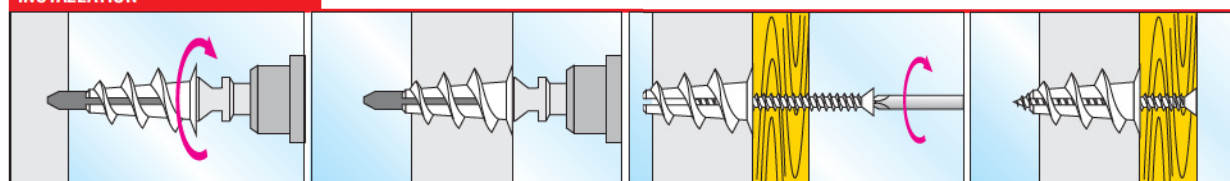
Kod i średnica wkręta	Characteristic /design resistance in 9.5 mm plasterboard [kN]	Characteristic /design resistance in 12.5 mm plasterboard [kN]	Characteristic /design resistance in 2x12.5 mm plasterboard [kN]
DRN-23 - 3	0.15 / 0.07	0.20 / 0.09	0.23 / 0.10
DRN-23 - 3.5	0.24 / 0.11	0.32 / 0.14	0.35 / 0.16

Płyty gipsowo kartonowe wg PN-EN 520:2005; PN-B-79405:1997/Ap1:1999

TECHNICAL DATA

Code	Plug length L_p (mm)	Screw diameter range d_s (mm)	Pre-drilled hole (mm)	Pcs per box
DRN-23	23	3,0 - 3,5 x 30	8	200

INSTALLATION



KDR BIT FOR DRN-23



TECHNICAL DATA

Code	Pcs per box
KDR	1



DRZN-29 PLASTERBOARD "DRIVA" ZL-AL PLUG

SAMPLE APPLICATION

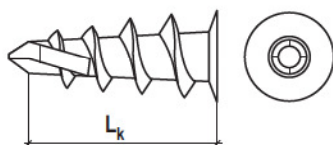


APPLICATION

For use with fastening screws.

SPECIFICATIONS

Material	zinc and aluminum alloy
Substrate	plasterboard



RESISTANCE

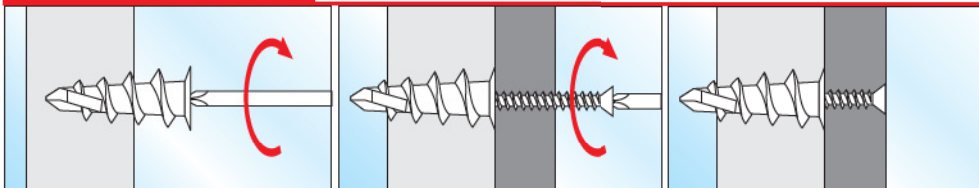
Code and size	Characteristic /design resistance in 9.5 mm plasterboard [kN]	Characteristic /design resistance in 12.5 mm plasterboard [kN]	Characteristic /design resistance in 2x12.5 mm plasterboard [kN]
DRZN-29 - 4	0.28 / 0.13	0.33 / 0.15	0.37 / 0.17
DRZN-29 - 4.5	0.28 / 0.13	0.33 / 0.15	0.38 / 0.17

Plasterboards according to PN-EN 520:2005; PN-B-79405:1997/Ap1:1999.

TECHNICAL DATA

Code and size	Plug length L _k (mm)	Screw diameter range d _s (mm)	Pcs per box
DRZN - 29	29	4.0 - 4.5 x 30	200

INSTALLATION





TFIB, TFIZ JOINT AND REPAIR TAPES



NEW!

TFIB ADHESIVE FIBREGLASS TAPE, CLASSIC
· prevents blisters



NEW!

**TFIB-P ADHESIVE FIBREGLASS TAPE,
30% THINNER**
· idealna do sufitów



NEW!

TFIB-X HIGHLY ADHESIVE FIBREGLASS TAPE
· excellent adhesive properties
in humidity even up to 90 %
· can be used in temperature 5-35 °C



NEW!

**TFIB-M MOLD-RESISTANT DRYWALL ADHESIVE
FIBREGLASS TAPE**
· mould resistant



NEW!

TFIZ INTERFACING TAPE
· finest adhesive properties and resistance,
excellent bedding in all types of plaster
· for joints in drywalls and fixing cracks
and scratches in walls

TECHNICAL DATA

Code	Size
TFIB-04820	48 mm x 20 mb
TFIB-04845	48 mm x 45 mb
TFIB-04890	48 mm x 90 mb
TFIB-10090	100 mm x 90 mb
TFIB-15025	150 mm x 25 mb
TFIB-04890-M	48 mm x 90 mb
TFIB-04890-X	48 mm x 90 mb
TFIB-04890-P	48 mm x 90 mb
TFIZ-05025	50 mm x 25 mb