

ASSEMBLY SOLUTIONS



Construction

More speed, simplicity, and efficiency, for your construction projects



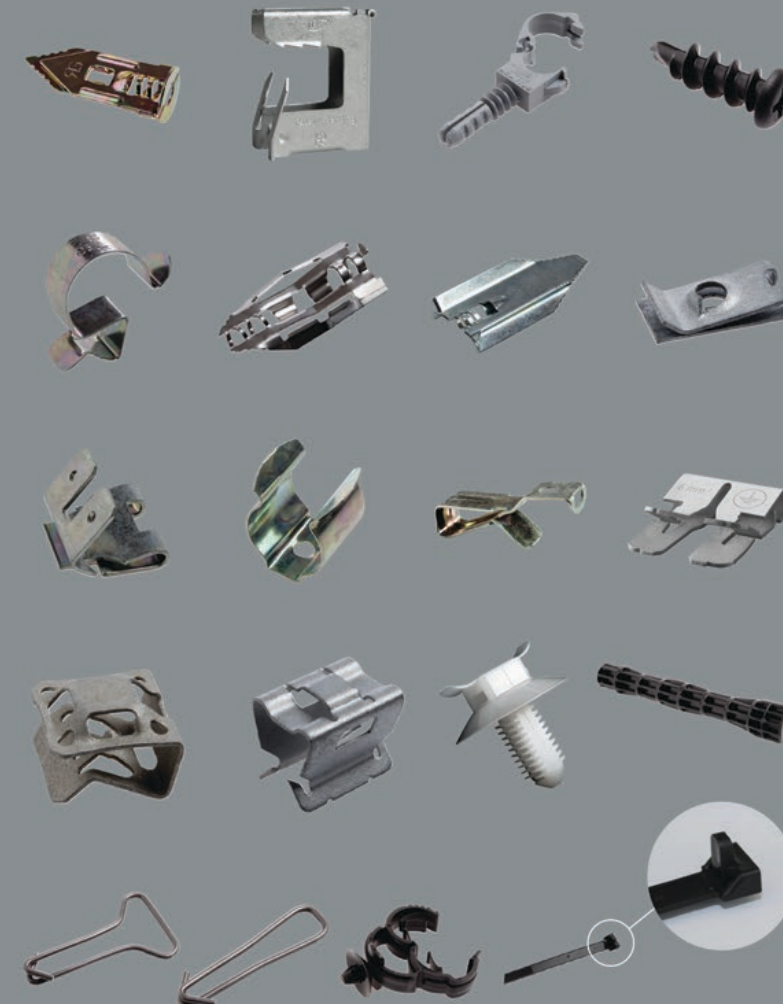
Modularity, simplicity, energy efficiency and new technical standards are the main challenges faced by the construction industry today. ARaymond France as the expert on fastening and assembly solutions, meets customer needs by providing solutions that are simple, multi-use, high-performing, durable, and which hold securely (and for the most part, without tools).

ARaymond France offers a generic range of fastening solutions :

- Anchor fastenings for cables, ducts and tubes
- Plug fastening solutions
- Fastenings for support
- Fastenings to scratch, screw or rivet
- Fastenings for grounding

ARaymond France also creates solutions specially designed for particular issues encountered in the process of construction work :

- Needs analysis
- Study, design and industrialisation
- Manufacturing



))) Simplicity, efficiency, durability

Simplified drill or no-drill installation for light to heavy loads, and increased performances



))) Multi-function

A single item and its accessories, can provide a wide range of attachment solutions on a variety of supports and products



))) Innovation

Development of custom solutions and interfaces with high added value for the customer

ANCHOR FASTENINGS FOR CABLES, DUCTS, TUBES, CHANNELS...



ADVANTAGES

-))) Quick and easy manual installation
-))) Designed for light loads
-))) Multi-use, adapts to a wide range of solid and hollow supports including plasterboard, plaster blocks, concrete, cellular concrete, hardboard, stone, brick, breeze blocks, etc.



APPLICATIONS



Tube, cable and duct supports

Ergonomic, space-saving solutions

- Designed for both solid and hollow materials
- Collar with built-in expanding plug
- Dual-toothed fastening for added safety
- Available in different sizes adapted to standard parts
- Manual mounting (use screw or nail)
- Easy removal



Tube, cable and duct supports with tie

Practical and multi-use

- Manual pressure-mounted fastening fits a hole of Ø 6.5 mm
- To be used with a one-time or re-openable tie (max. width 4.5 mm)

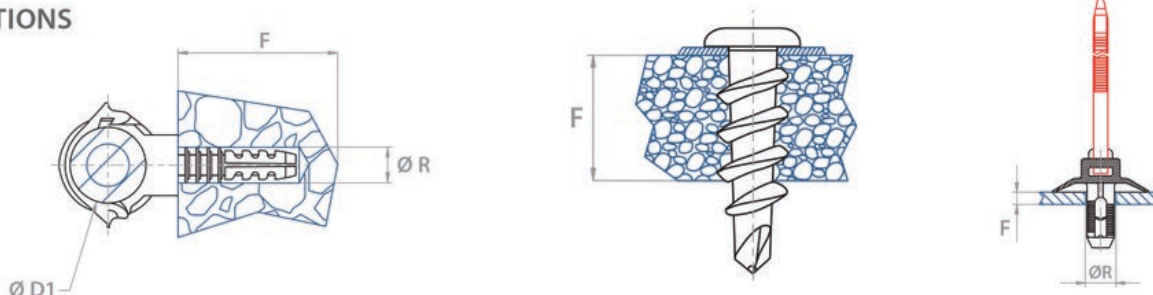
Light load bearing fastenings

Practical and reliable solutions

- Light loads and friable supports (plasterboard and plaster blocks, partition walls, hardboard and pre-drilled cellular concrete)
- Fastenings for pre-drilled electrical pipes and decoration



TECHNICAL SPECIFICATIONS



Item No.	Design	Tube diameter (ØD1)	Pre-hole diameter (ØR)	Support's material*	Screw diameter	Panel thickness	Material**	Quantity per box
055466002 ARayTub Ø16		16	8 (min. depth 35mm)	3 - 4 - 6 - 7 - 8 - 9	Ø 3,5-4,5 x 30-40	-	PA6-Gr	1500
055467001 ARayTub Ø20		20	8 (min. depth 35mm)	3 - 4 - 6 - 7 - 8 - 9	Ø 3,5-4,5 x 30-40	-	PA6-Gr	2500
055468001 ARayTub Ø25		25	8 (min. depth 35mm)	3 - 4 - 6 - 7 - 8 - 9	Ø 3,5-4,5 x 30-40	-	PA6-Gr	2000
129063000 ARayvis		-	-	1	-	9-13 ; 26	PA12-30%FV-Nr	4000
017160000 Baseplate LNR		with a maximum tie width of 5 mm	6 - 6,5	2 - 3 - 4 - 5 - 6 - 7 8 - 9	-	0,8 mini	POM	4000

* **Support's material:** 1) Plasterboard • 2) Plaster block • 3) Concrete • 4) Cellular concrete
5) Hardboard • 6) Stone • 7) Solid brick • 8) Hollow brick • 9) Breeze block

Dimensions in mm. For further information, please contact us.

COMPLEMENTARY PRODUCTS



Removable ties

Item No.	Design	Tube diameter (ØD1)	Width (b)	Length (L)	Material**	Quantity per box
012526000 Tie		8-20	7	100	PA12-Nr	2500
012528000 Tie		10-70	9	250	PA12-Nr	1200
014749002 Tie		24-85	9	300	PA66-Nr	2500
208596000 Double tie		2-38 ; 3-36,5	4,8	151,6	PA66-Na	6000

** **Material:** PA6-Gr: Polyamide 6 - Grey • PA12-30%GF-Bk: Polyamide 12 - 30% Glass fibers - Black • POM: Polyoxymethylene • PA12-Bk: Polyamide 12 - Black • PA66-Bk: Polyamide 66 - Black • PA66-Na: Polyamide 6 - Natural

Dimensions in mm. For further information, please contact us.

ARAYMOND FRANCE SAS

1 Rue Louis Besançon
38120 Saint-Égrève

contact-batiment@araymond.com
Tel. + 33 4 56 52 62 58
www.araymond-building.com

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MORE THAN FASTENING

PLUG AND HOOK FASTENING SOLUTIONS



ADVANTAGES

-))) Quick and easy installation
-))) Multi-use, adapts to a wide range of solid and hollow supports: plasterboard and plaster blocks, concrete, cellular concrete, hardboard, stone, solid and hollow brick, fiber cement, panel of compressed wood fibers, breeze blocks, External Insulation (ETICS), etc.



APPLICATIONS

No-drill solutions

Plug

- Fastening on plasterboard
- For installing pipework and electrical equipment
- Plug can be nailed or screwed without pre-drilling
- Jagged tip for easy insertion
- Flush head
- Can be removed without damage



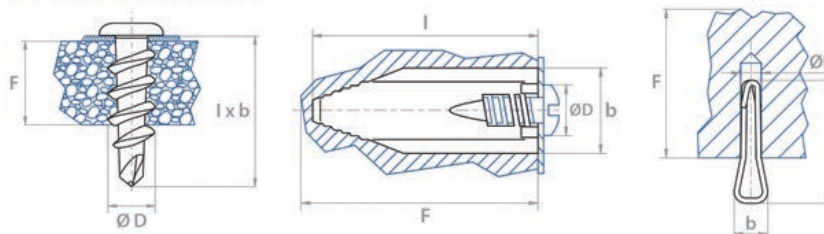
Drill solutions for heavy loads

Concrete slab anchoring

- For hanging air conditioning and ventilation units, or suspended ceilings underneath concrete slabs
- For indoor and outdoor use
- Mounting with specialized tool
- **CSTB certification no. EPOD/06-05 and EPOD/06-04 A**



**TECHNICAL
SPECIFICATIONS**



Item No.	Design	Pre-hole diameter (ØR)	Screw diameter (ØD)	Panel thickness (F)	Support's* material	Length x width (lxb)	Material**	Quantity per box
129063000 ARayvis		-	Ø7,5	9-26	1 - 2	Ø10 x 25	PA12-30%FV-Nr	4000
055813009 Gold		-	Ø3,5 to 5 x 30 mini	3-13	1-5-10-11	12 x 30	C45E-ZnCr3	5000
017232004 XL		6 for supports n° 2 and 4	Ø3 to 5 x 45 mini	13-26	1-2-4-10-12	16 x 43	C67S-ZnCr3	1300
055340000 Tristar		-	Ø4,5 x 50 mini	9-13	1	22 x 43	SSt	2500
054622000 Hook HK		8	-	30 mini	3-6-7-8-9	13 x 50	SSt	3000
204000000 Hook HKS		8	-	30 mini	3-6-7-8-9	29 x 50	SSt	2500
055072000 Cap HK		-	-	-	-	25 x 20	PP-Gr	3000
207067000 Installation tool HK and HKS		-	-	-	-	-	PPC-Nr	50

* **Support's material:** 1) Plasterboard • 2) Plaster block • 3) Concrete • 4) Cellular concrete • 5) Hardboard • 6) Stone • 7) Solid brick • 8) Hollow brick • 9) Breeze block • 10) Fiber cement • 11) Panel of compressed wood fibers • 12) External Insulation (ETICS)

**** Material:**

- **PA12-30%GF-Bk:** Polyamide 12 - 30% glass fibers - Black
- **PA66-Gr:** Polyamide 66 - Grey
- **C45E-ZnCr3 / C67S-ZnCr3:** Quenched steel - Corrosion protection: Zn + Cr3 (salt spray hold 408h RR)
- **Sst:** Stainless steel
- **DC04:** Soft steel
- **PP-Gr:** Polypropylene - Grey
- **PPC-Bk:** Polypropylene copolymer - Black

Dimensions in mm. For further information, please contact us.

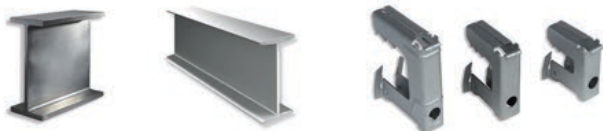
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1 Rue Louis Besançon
38120 Saint-Égrève

contact-batiment@araymond.com
Tel. + 33 4 56 52 62 58
www.araymond-building.com

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FASTENINGS FOR SUPPORTS



ADVANTAGES

-))) Safety: tool-free manual installation
-))) Simplicity: this single item replaces many different products
-))) Versatility:
 - 3 sizes (2-8, 8-16, 16-24 mm) adapted to threaded M6 rods, smooth rods, cables, collars, hooks, etc.
 - Indoor and outdoor use
-))) Strength: static load up to 120 kg on the M6 rod, 1:4 safety factor



APPLICATIONS

Fastenings for supports

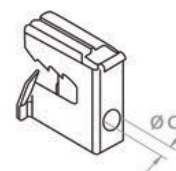
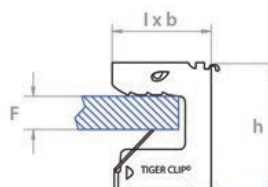
- Fastens on I-beams
- Mounting smooth or threaded rods, cables, etc.
- Hanging suspended ceilings, cable management, pipe and electrical cable tubes, securing lighting, mounting junction boxes, etc.



CERTIFICATIONS

CSTB reports no. ED/05-022 and EPOD/06-04A

TECHNICAL SPECIFICATIONS



Item No.	Panel thickness (F)	Hole diameter (Ø C)	Height (h)	Length x width (lxb)	Material thickness	Material*	Quantity per box
203297005 Tiger clip	2-8	6,6	30	28x19	0,7	C67S-M2.0-T	1000
203697005 Tiger clip	8-16	6,6	38	30x19	0,7	C67S-M2.0-T	800
205288000 Tiger clip	16-24	6,6	47,2	40x19	0,7	C67S-M2.0-T	450

Dimensions in mm. For further information, please contact us.

COMPLEMENTARY PRODUCTS



Removable ties

Item No.	Design	Tube diameter (ØD1)	Width (b)	Length (L)	Material*	Quantity per box
012526000		8-20	7	100	PA12-Nr	2500
012528000		10-70	9	250	PA12-Nr	1200
014749002		24-85	9	300	PA66-Nr	2500
208596000 Double tie		2-38 ; 3-36,5	4,8	151,6	PA66-Na	6000

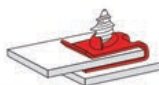
Dimensions in mm. For further information, please contact us.



Tube supports

Item No.	Design	Tube diameter (ØD1)	Length x width (lxb)	Tube height (h)	Material*	Quantity per box
055473000 Smart clip		11-18	22,6x10	22,5-25,5	PPC-Nr	900
132029000 Smart clip		3-16	32x20	21-27	PPC-Nr	800

Dimensions in mm. For further information, please contact us.



Sheet metal

Item No.	Design	Panel thickness (F)	Screw diameter	Length x width (lxb)	Hole diameter	Material thickness	Material*	Quantity per box
013778002		0,7-1,75	ST 4,2	16,5x8	5	0,5	C67S-M2.0	7500

Dimensions (mm).
For further information, please contact us.

* Material:

- **C67S-M2.0-T:** Quenched steel-corrosion protection: ZnFl-ZnAl (Salt spray hold 480h RR)
- **PA12-Bk:** Polyamide 12 - Black
- **PA66-Bk:** Polyamide 66 - Black
- **PA66-Na:** Polyamide 6 - Natural
- **PPC-Bk:** Polypropylene copolymer - Black
- **C67S-M2.0:** Quenched steel-corrosion protection: ZnFl-ZnAl (Salt spray hold 480h RR)

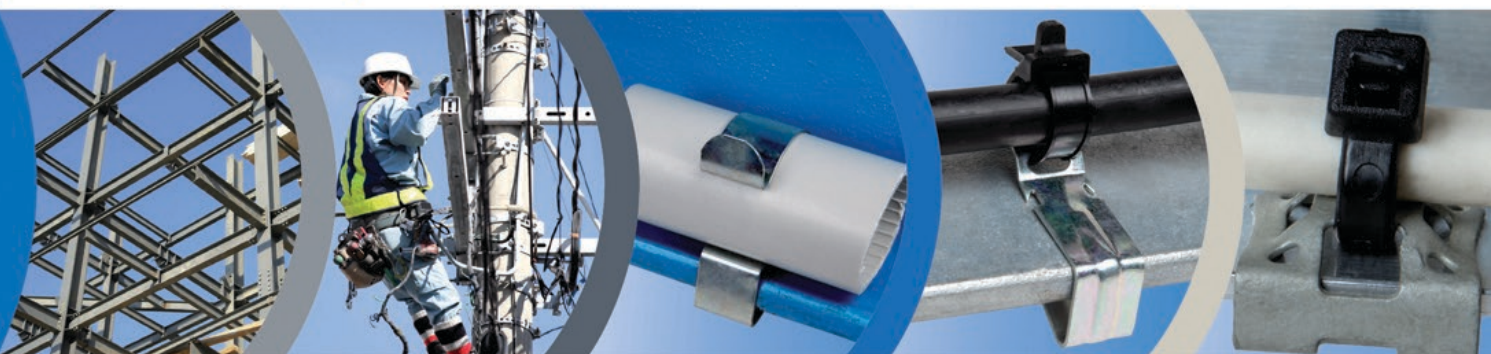
ARAYMOND FRANCE SAS

1 Rue Louis Besançon
38120 Saint-Égrève

contact-batiment@araymond.com
Tel. + 33 4 56 52 62 58
www.araymond-building.com

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MORE THAN FASTENING

FASTENINGS TO SCRATCH, SCREW OR RIVET FOR CABLES, TUBES AND DUCTS



ADVANTAGES

-))) Simplicity: replaces many different products
-))) Versatility:
 - Suitable for different supports
 - Indoor and outdoor use
-))) Excellent hold over time
-))) Quick and easy installation
-))) Multi-use: can be combined with many different accessories



APPLICATIONS



Fastenings to scratch

- Fasten to panel edges, I-beams for medium loads
- Install by hand or using a mallet
- Compatible with various accessories (one-time or re-openable tie, tube support, threaded rod or M6 screw)



Fastenings to scratch

- Use to mount items with Ø 6–32 mm diameter
- For 2–12 mm I-beams
- Install by hand or using a mallet



Fastenings to scratch

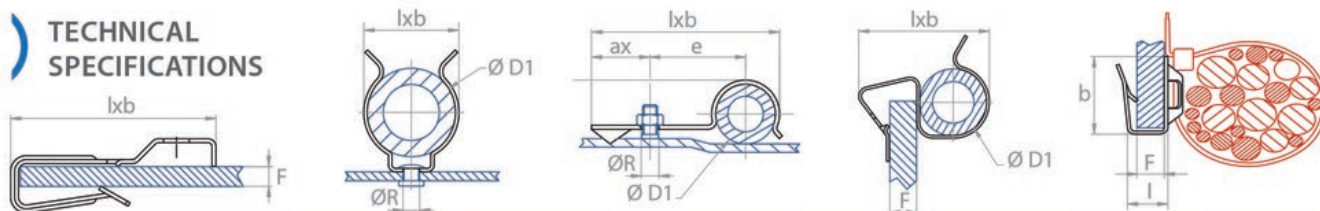
- To attach one or several items to panel edges
- Scratch fastening for manual installation designed for light loads
- Use with a tie for greater versatility (3 possible directions)



Fastenings to nail, screw or rivet

- To mount a tubular part onto a panel
- Fasten using a screw, rivet, or nail
- Anti-rotation design

TECHNICAL SPECIFICATIONS



Item No.	Design	Tube diameter (Ø C)	Pre-hole diameter (ØR)	Panel thickness	Length x width (lxb)	Material thickness (s)	Material*	Quantity per box
051964000 Lyre		13-16	5	-	13,7 x 20	0,6	C67S-ZnCr3	3000
051963004 Lyre		17-20	5	-	16,7 x 20	0,6	C67S-ZnCr3	1800
051955019 Lyre		21-25	5	-	21,2 x 20	0,6	C67S-ZnCr3	1500
052544000 Collar		9-10	5,5	-	33,4 x 20	0,6	C67S-ZnCr3	3000
054749003 Collar		14-16	5,5	-	37,5 x 20	0,6	C67S-ZnCr3	1800
055127005 Gam'8		6-9	-	2-7	16,8 x 12	0,6	C67S-ZnCr3	3000
055129001 Gam'8		10-14	-	2-7	17,3 x 12	0,6	C67S-ZnCr3	2500
055131013 Gam'8		15-21	-	2-7	23,4 x 12	0,6	C67S-ZnCr3	2500
055133001 Gam'8		22-32	-	2-7	29,9 x 12	0,6	C67S-ZnCr3	2000
055128001 Gam'8		6-9	-	7-12	18,6 x 12	0,6	C67S-ZnCr3	2500
055130001 Gam'8		10-14	-	7-12	22,0 x 12	0,6	C67S-ZnCr3	2000
055132001 Gam'8		15-21	-	7-12	27,1 x 12	0,6	C67S-ZnCr3	2000
055134001 Gam'8		22-32	-	7-12	34,1 x 12	0,6	C67S-ZnCr3	1500
053748000 Multi-fonction ARayclip		With a maximum tie width of 9 mm or tube support	-	3-10	52 x 16	1	C67S-ZnCr3	1000
053749000 Multi-fonction ARayclip		With a maximum tie width of 9 mm or tube support	-	10-18	52 x 16	1	C67S-ZnCr3	1000
208738001 Multi-fonction baseplate		With a maximum tie width of 5 mm	-	1,5-4	14,2 x 6	0,5	C67S-M2.2	4300
220737001 Multi-fonction baseplate		With a maximum tie width of 5 mm	-	3-6	14,1 x 7,5	0,5	C67S-M2.2	3200
020848001 Multi-fonction baseplate		With a maximum tie width of 5 mm	-	9	13 x 15,1	0,5	C67S-M2.2	1700



Item no.	Design	Tube diameter (ØD1)	Width (b)	Length (L)	Material*	Quantity per box
012526000		8-20	7	100	PA12-Nr	2500
012528000		10-70	9	250	PA12-Nr	1200
014749002		24-85	9	300	PA66-Nr	2500
208596000 Double tie		2-38 ; 3-36,5	4,8	151,6	PA66-Na	6000



Item no.	Design	Tube diameter (ØD1)	Length x width (lxb)	Tube height (h)	Material*	Quantity per box
055473000 Smart clip		11-18	22,6 x 10	22,5-25,5	PPC-Nr	900
132029000 Smart clip		3-16	32 x 20	21-27	PPC-Nr	800

* Material:

- **C67S-ZnCr3:** Quenched steel - Corrosion protection: Zn + Cr3 (salt spray hold 408h RR)
- **C67S-M2.2:** Quenched steel - Corrosion protection: Zn/Al + Si (salt spray hold 840h RR)
- **PA12-Bk:** Polyamide 12 - Black • **PA66-Bk:** Polyamide 66 - Black • **PA66-Na:** Polyamide 6 - Natural
- **PPC-Bk:** Polypropylene copolymer - Black

Dimensions (mm).

For further information, please contact us.

ARAYMOND FRANCE SAS

1 Rue Louis Besançon
38120 Saint-Égrève

contact-batiment@araymond.com
Tel. + 33 4 56 52 62 58
www.araymond-building.com

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FASTENINGS FOR GROUNDING



ADVANTAGES

-))) Increased safety for people and goods
-))) Quick and easy installation
-))) High performances



APPLICATIONS

Standard grounding with cables of Ø 1.6-2.5 mm²

- Use with standard terminals for metal supports 0.4-2 mm thick
- For grounding equipment requiring grounding through a metallic structure
- Can be installed manually or with a mallet



Grounding for metallic structures

- Use with standard grounding braids of the market for a metallic structure from 3 to 18 mm thickness
- Can be installed with a mallet



Grounding solar panels with 6 mm² flexible multi-strand wire (H07V-K6 mm²)

For all panels with an aluminium frame 1.5-2.5 mm thick

- Strip, electrically connect and attach to the frame in a single operation, no drilling necessary
- Can be performed by one person
- Can be positioned anywhere on the unit, irrespective of the distance between units
- Reliable and repeatable

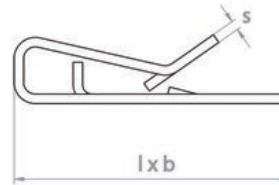
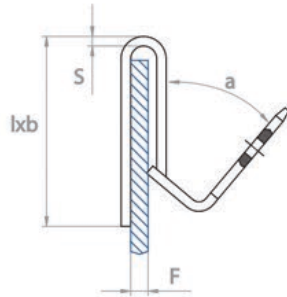
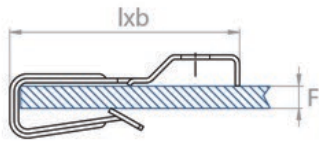


CERTIFICATIONS

Mechanical and electrical

- Complies with product standards IEC 61730-2: 2007; IEC 60947-1: 2007 and BS 60068-2-11: 1999 (Bureau Veritas test report available on request)

TECHNICAL SPECIFICATIONS



Item no.	Design	Cable diameter	Support thickness (F)	Material thickness (s)	Length x width (lxb)	Material*	Quantity per box
214634001 Grounding clip		Ø1,65	0,4-1,5	0,8	11 x 16	C67S-ZnCr3	5000
014354004 Grounding clip		Ø1,65	1-2	0,8	11 x 16	C67S-ZnCr3	2800
019765003 Grounding clip		Ø1,65	1-2	0,8	16 x 16	C67S-ZnCr3	3000
053748000 Multi-function ARayclip		Grounding braids with screw-nut M6	3-10	1	52 x 16	C67S-ZnCr3	1000
053749000 Multi-function ARayclip		Grounding braids with screw-nut M6	10-18	1	52 x 16	C67S-ZnCr3	1000
220492000 Grounding clip		Flexible multi-strand wire (H07V-K6mm ²)	1,5-2,5	0,8	20 x 23,30	C67S-DeTNT	2000

*Material:

- **C67S-ZnCr3:** Quenched steel - Corrosion protection: Zn + Cr3 (salt spray hold 408h RR)
- **C67S-DeTNT:** Quenched steel - Corrosion protection: Depton + TNT (salt spray hold 1000h RR)

Dimensions (mm).
For further information, please contact us.



• Grounding braids screw-nut M6



• Cable Ø 1.65 mm



• Flexible 6 mm² multi-strand wire (H07V-K6 mm²)



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1 Rue Louis Besançon
38120 Saint-Égrève

contact-batiment@araymond.com
Tel. + 33 4 56 52 62 58
www.araymond-building.com

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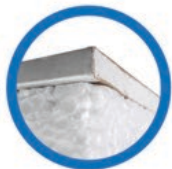
GOLD

PLUG

055813009



Plasterboard / Drywall / Gypsum board...
up to 13 mm



+ insulation



Fiber reinforced
plasterboard, fiber cement



Honeycomb
partition walls



Panel of compressed
wood fibers (fiberboard,
hardboard...) 3 to 5mm



-))) **FIXING WITHOUT DRILLING**
-))) **QUICK and EASY**
-))) **JAGGED TIP**
(easy insertion, accurate positioning)
-))) **ANTI ROTATION**
-))) **FLUSH HEAD**
-))) **FIRE RESISTANT**
-))) **EASY REMOVING**
(no damage, recyclable)

Applications



Electrical heating



Ventilation and air conditioning



Electrical equipment
and accessories



Plumbing equipment
and accessories



Lights



TV



Shelves



Decoration



Technical description

Reference : **GOLD 05581 3009**

))) Passivated zinc-plated steel // Corrosion protection : Zn + Cr3

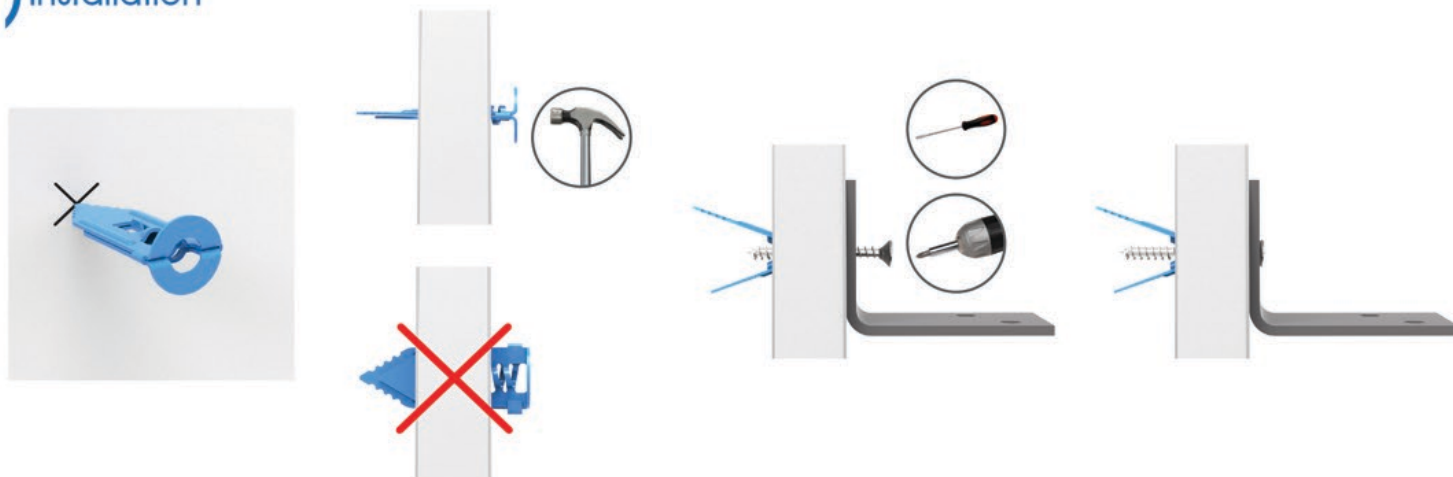
Salt spray 408 hours red rust

))) To be used with wood screws (Ø 3,5 to 5 mm, minimum length 30 mm)

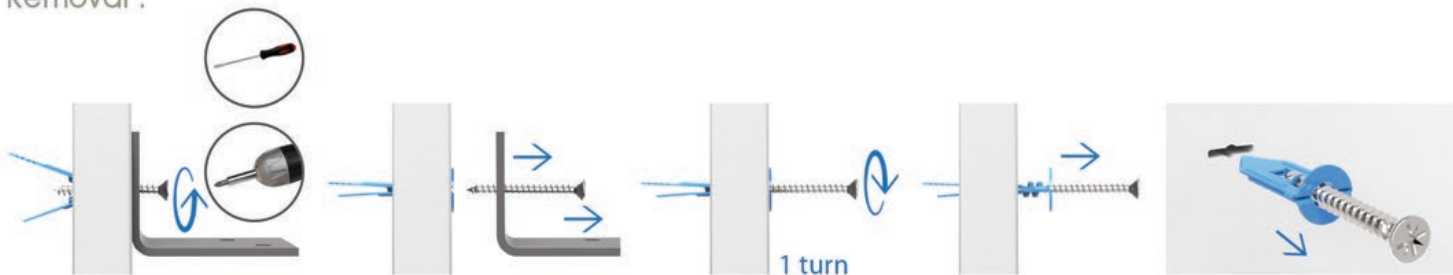
	Pulling off ¹⁾ 	Shearing ¹⁾ 
Plasterboard (13 mm)	15 daN	30 daN
Fiber cement (13 mm)	15 daN	50 daN

1) = indicative values for information purposes, obtained with wood screws Ø4x30 mm, safety factor 1: 2.

Installation



Removal :



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in
France



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1 Rue Louis Besançon
38120 Saint-Égrève
contact-batiment@araymond.com
Tel. + 33 4 56 52 62 58
www.araymond-building.com

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TRISTAR™

PLUG

055340000



Plasterboard
up to 13 mm



Plasterboard
+ insulation



Fiber reinforced
plasterboard



Honeycomb
partition walls



-))) **FIXING WITHOUT DRILLING**
-))) **QUICK and EASY**
-))) **JAGGED TIP**
(easy insertion, accurate positioning)
-))) **ANTI-ROTATION**
-))) **FLUSH HEAD**
-))) **FIRE RESISTANT**
-))) **RESISTANT TO REPEATED STRESS (FATIGUE)**
-))) **ALTERNATIVE (WITHOUT DRILLING) TO UMBRELLA ANCHORS**

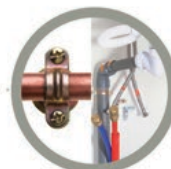
Applications



Electrical heating



HVAC



Plumbing equipment
and accessories



Shower column



Wall lights/ceiling lights



TV



Shelves



Child safety fence

Technical description

Reference : TRISTAR 055340000

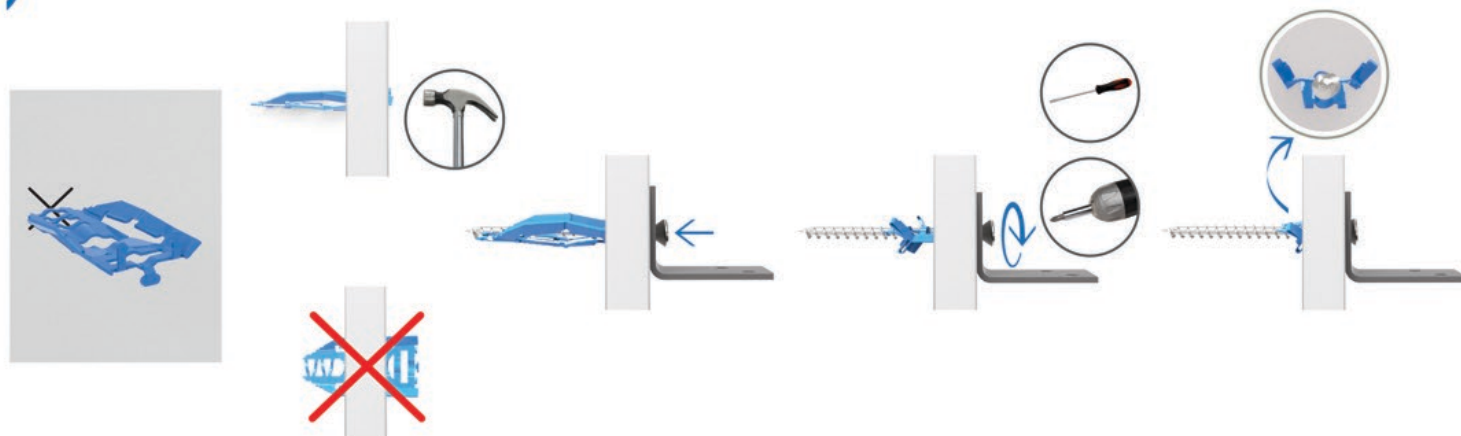
))) Stainless steel

))) With wood screws (Ø 4,5 mm)

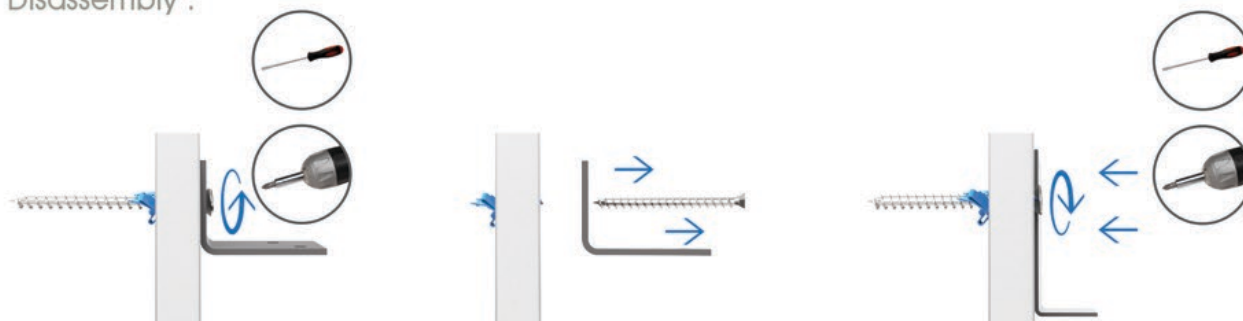
	Pulling off ¹⁾ 	Shearing ¹⁾ 
Plasterboard (13 mm)	45 daN	55 daN

1) indicative values for information purposes obtained with wood screws Ø 4,5 x 50 mm.

Installation



Disassembly :



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1 Rue Louis Besançon
38120 Saint-Égrève
contact-batiment@araymond.com
Tel. + 33 4 56 52 62 58
www.araymond-building.com

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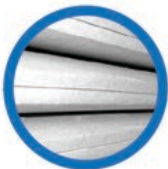
PLUG AND HOOK



XLTM
PLUG
01 7232004



Double plasterboard
up to 26 mm
(2X13 mm)



Plasterboard
18 to 20 mm



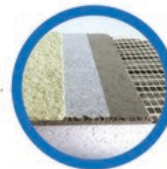
Double fiber reinforced
plasterboard, fiber
cement up to 26 mm
(2X13 mm)



Plaster
block



Cellular
concrete



External Insulation
(ETICS)



-))) **FIXING WITHOUT DRILLING**
(except plaster block and certain types
of cellular concrete)
-))) **QUICK and EASY**
-))) **JAGGED TIP**
(easy insertion, accurate positioning)
-))) **ANTI ROTATION**
-))) **FLUSH HEAD**
-))) **FIRE RESISTANT**

) Applications



Heating



Ventilation and air conditioning



Furniture
and storage



Handrails



Windows





Downspout

Technical description

Reference : **XL 017232004**

))) Quenched steel // Corrosion protection : Zn + Cr3 // Salt spray hold 360 hours red rust

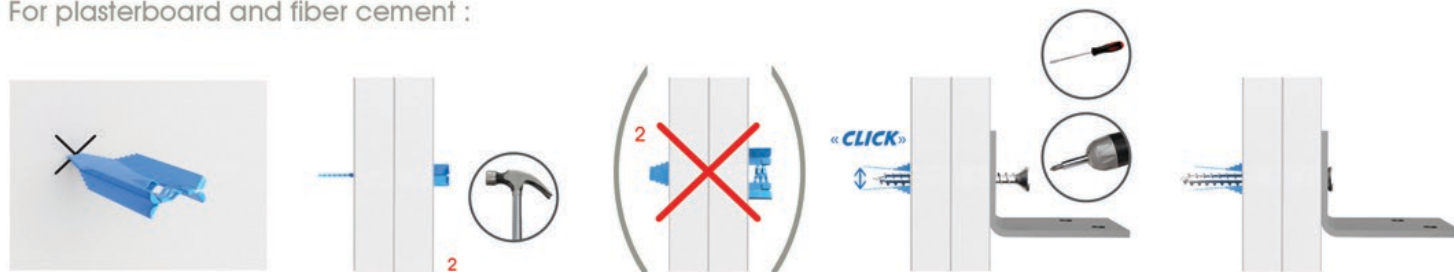
))) Wood screws (Ø3 to 5 mm, minimum length 45 mm)

	Pulling off ¹⁾ 	Shearing ¹⁾ 
Double plasterboard (26 mm)	30 daN	70 daN
Plaster block	35 daN	90 daN
Cellular concrete (low density)	35 daN	60 daN
Cellular concrete (high density)	70 daN	120 daN
External Insulation (ETICS)	12 daN	50 daN
Fiber cement (2X13 mm)	45 daN	80 daN

1) = indicative values for information purposes, obtained with wood screws Ø4,5x50 mm.

Installation

For plasterboard and fiber cement :



For plaster blocks and some specific cellular concrete :



Made
in
Germany



ARAYMOND FRANCE SAS

1 Rue Louis Besançon
38120 Saint-Égrève
contact-batiment@araymond.com
Tel. + 33 4 56 52 62 58
www.araymond-building.com

ARaymond 
MORE THAN FASTENING

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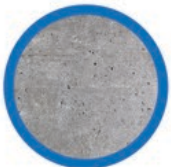
PLUG AND HOOK



HOOKS HK / HKS

054622000

204000000



Concrete



Brick



Stone



Breeze block



Full breeze block



-))) QUICK and EASY
-))) SOLID and HOLLOW SUPPORTS
-))) HIGH PERFORMANCE (CSTB reports)
-))) FIRE RESISTANT
-))) INDOOR or OUTDOOR USE

) Applications



Suspended ceiling



Ventilation and air conditioning



Lighting

Technical description

References : **HK 054622000 / HKS 204000000**))) Stainless steel

HK

))) Pulling off (concrete 25 Mpa) = 90 daN ¹⁾



))) Shearing (concrete 25 Mpa) = 170 daN ¹⁾



(CSTB certification n°EPOD /06-05)

HKS

))) Pulling off (concrete 25 Mpa) = 90 daN ¹⁾



(CSTB certification n°EPOD/06-04 A)

¹⁾ = indicative values for information purposes.

Installation



Option :
Aesthetic cap



Cap
(Ref.055072000)



Installation tool
(Ref.207067000)

Made
in
France

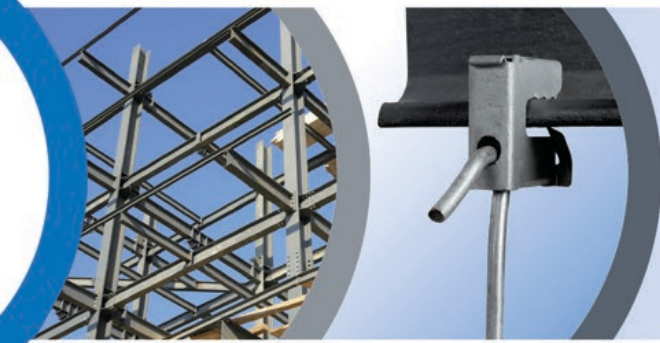


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38120 Saint-Égrève
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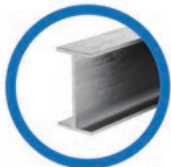
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SUPPORT



TIGER CLIP™

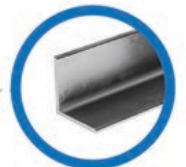
203297005 / 203697005 / 205288000



I-Beams



C-Structure



L-Structure



))) QUICK and EASY

))) SAFE :
TOOL-FREE MANUAL INSTALLATION

))) VERSATILITY :
CAN BE USED WITH MANY ACCESSORIES
3 sizes for supports from 2 to 24 mm

))) RESISTANT

))) INDOOR and OUTDOOR USE

) Applications



Ventilation and air conditioning



Suspended ceiling



Suspended lighting



Cable trays



Tubes, ducts and electrical accessories

ARaymond®
MORE THAN FASTENING

Technical description

References : **203297005 / 203697005 / 205288000**

Thicknesses : 2-8 mm 8-16 mm 16-24 mm

))) Quenched steel // Corrosion protection ZnFI-ZnAl

Salt spray hold 480 hours red rust

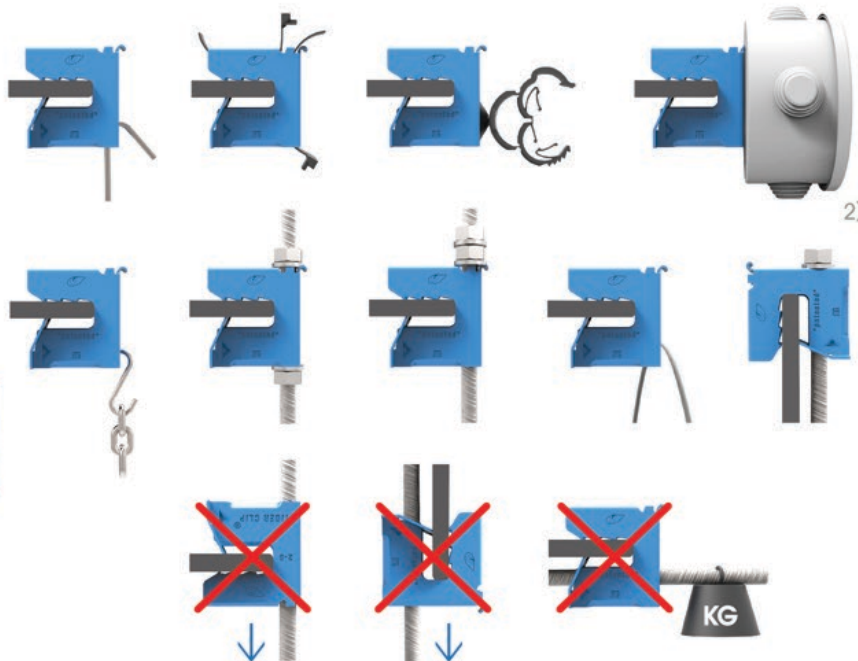
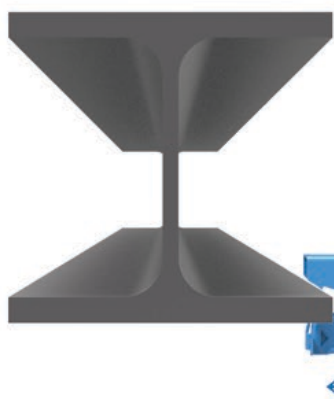
))) Resistance : static load up to 120 daN¹⁾ on M6 rod, safety factor 1:4



(CSTB certifications n° ED/05-022 and EPOD/06-04A)

1) = indicative value for information purposes.

Installation



Edge clip
Ref. 013778002
(wood screws
Ø 4,5 mm)



Removable strap
Ref. 014691004 (Ø 6-45 mm)
014749002 (Ø 24-85 mm)



Smart clip
Ref. 132029000 (Ø 3-16 mm)
055473000 (Ø 11-18 mm)



2) Application example :
junction box fixing with ST4.2 screws
or wood screws Ø4,5 mm



ANCHOR FASTENINGS FOR CABLES, DUCTS, TUBES, CHANNELS...

ARAYTUB™

055466002

Ø16 mm

055467001

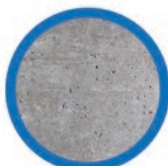
Ø20 mm

055468001

Ø25 mm



Cellular concrete



Concrete



Brick



Stone



Hollow
breeze-block



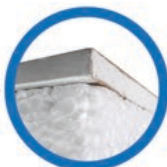
Full
breeze-block



Plaster block



Plasterboard
up to 13 mm



Plasterboard
+ insulation



Fiber reinforced
plasterboard,
fiber cement



Honeycomb
partition walls



-))) QUICK and EASY
-))) CAN BE CUT FOR USE IN PLASTERBOARD
-))) SOLID and HOLLOW MATERIALS
-))) SAFETY: DOUBLE LOCK
-))) ERGONOMIC and AESTHETIC
-))) EASY DISASSEMBLING and REASSEMBLING
-))) MANUAL INSTALLATION
-))) VERSATILE: 3 DIFFERENT SIZES

Applications



PVC pipes (IRO, IRL)
and corrugated ducts



Cables



PER / PEX tubes

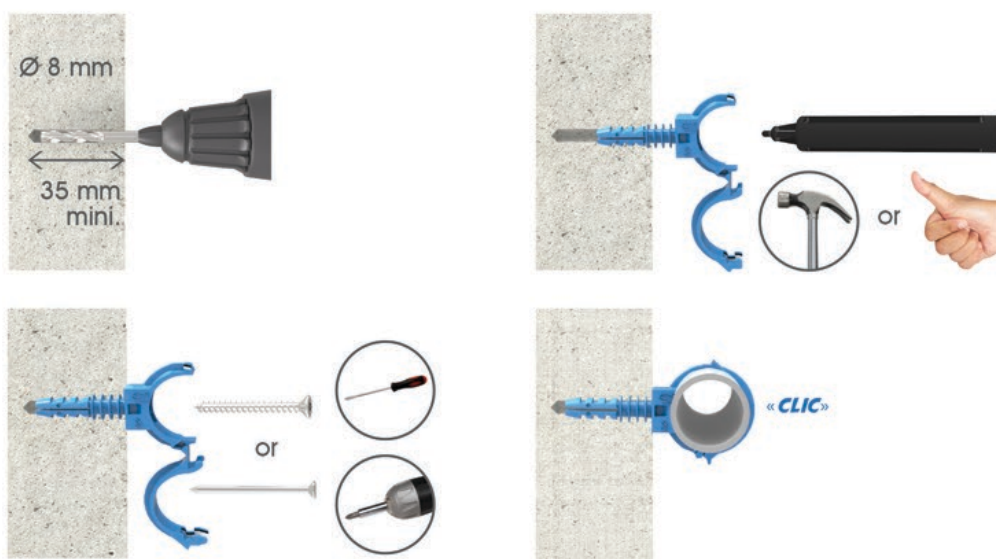
Technical description

References : **ARAYTUB** 055466002 055467001 055468001
 Tube / sheath / cable diameter : Ø16 mm Ø20 mm Ø25 mm

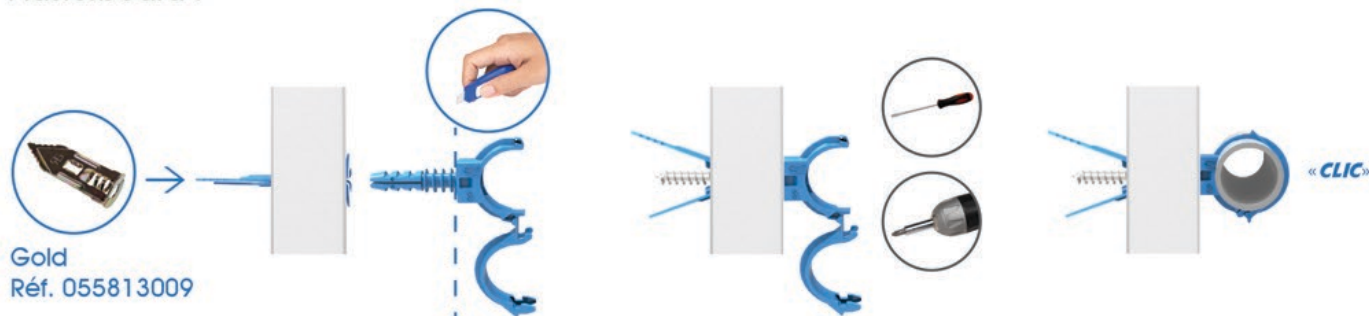
-))) Polyamide 6 - Gray
-))) Pull out resistance of the anchor without a screw in concrete: 40 DaN
-))) Expands with chipboard screws Ø3,5 à 4,5 mm, length 30 mm mini

Installation

Solid and hollow materials except plasterboard :



Plasterboard :



Made
in
France



ARAYMOND FRANCE SAS
 1 Rue Louis Besançon
 38120 Saint-Égrève
 contact-batiment@araymond.com
 Tel. + 33 4 56 52 62 58
 www.araymond-building.com












ARaymond®
 MORE THAN FASTENING

TECHNICAL DATA

Construction

SUPPORTS

PRODUCTS

		PLASTERBOARD		PLASTER BLOCK	EXTERNAL INSULATION (ETICS)	HOLLOW BRICK	SOLID BRICK	CONCRETE	CELLULAR CONCRETE	BREEZE BLOCK	FIBER CEMENT	SHEET METAL						I-BEAMS		
		thickness 13 mm	thickness 26 mm									thick ness 2 mm	thickness 3 mm	thickness 7 mm	thickness 10 mm	thickness 12 mm	thickness 18 mm	thickness 2-8 mm	thickness 8-16 mm	thickness 16-24 mm
	ARayvis 129063	Pulling off	8	35				25												
		Shearing	15	40				40												
	ARayTub 055466002	Pulling off						40												
		Shearing																		
	ARayTub 055467001	Pulling off						40												
		Shearing																		
	ARayTub 055468001	Pulling off						40												
		Shearing																		
	Gold 055813	Pulling off	15								15									
		Shearing	30								50									
	XL 017232	Pulling off		30	35	12		35			45									
		Shearing		70	90	50		60			80									
	Tristar 055340	Pulling off	45																	
		Shearing	55																	
	Hook HK / HKS	054622 Pulling off						90 ⁽¹⁾												
		204000 Shearing						170 ⁽¹⁾												
	055127	Sheet metal pulling off										10	→	15						
		Tube pulling off Ø6 mm											10							
		Tube pulling off Ø9 mm											19							
	055128	Sheet metal pulling off												6	→	10				
		Tube pulling off Ø6 mm													10					
		Tube pulling off Ø9 mm													9					
	055129	Sheet metal pulling off										12	→	20						
		Tube pulling off Ø10 mm											12							
		Tube pulling off Ø14 mm											8							
	055130	Sheet metal pulling off												8	→	12				
		Tube pulling off Ø10 mm													12					
		Tube pulling off Ø14 mm													7					
	055131	Sheet metal pulling off										12	→	20						
		Tube pulling off Ø15 mm											7							
		Tube pulling off Ø21 mm											9							
	055132	Sheet metal pulling off												8	→	14				
		Tube pulling off Ø15 mm													6					
		Tube pulling off Ø21 mm													5					
	055133	Sheet metal pulling off										9	→	12						
		Tube pulling off Ø22 mm											7							
		Tube pulling off Ø32 mm											3							
	055134	Sheet metal pulling off												3	→	14				
		Tube pulling off Ø22 mm													6					
		Tube pulling off Ø32 mm													3					
	Multi-function ARayclip	053748 Shearing											107	→	127					
		053749													127	→	162			
	Tiger clip	203297																120 ⁽²⁾		
		203697																	120 ⁽²⁾	
		205288																		120 ⁽²⁾

The ARaymond Network*

For more than 150 years, the ARaymond network has grown from generation to generation by designing, developing, manufacturing and marketing fastening and assembly solutions. ARaymond France has drawn on its expertise in plastic injection moulding, metal transformation, and assembly to create technical solutions which it makes available to companies in the Construction, industries.

1

expertise center

11

engineering centers

29

production sites worldwide

7500

men and women form the backbone of the ARaymond network's richness and diversity

1600

active patents

25,000

products in production



DESIGN



METAL TRANSFORMATION



PLASTIC INJECTION MOULDING



ASSEMBLY

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