



**THE PERFECT SOLUTIONS...**

**THE RELIABLE CHOICES...**

**THE FUTURE TRENDS...**

# *Magic* Toggles

[www.magictoggles.com](http://www.magictoggles.com)

JMTM specializes in design, all products precision - crafted by  
Suzhou Litto Fastener Co., Ltd.



# CONTENT



**EDAZ**

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**412HL**

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**NDAN**

**\*ZXLM5**

\*ZXLM5 is a Magic Toggle designed by JMTM for a renowned UK client and manufactured by SUZHOU LITTO FASTENER, with all molds rights belonging to this British company.



















**www.magictoggles.com**



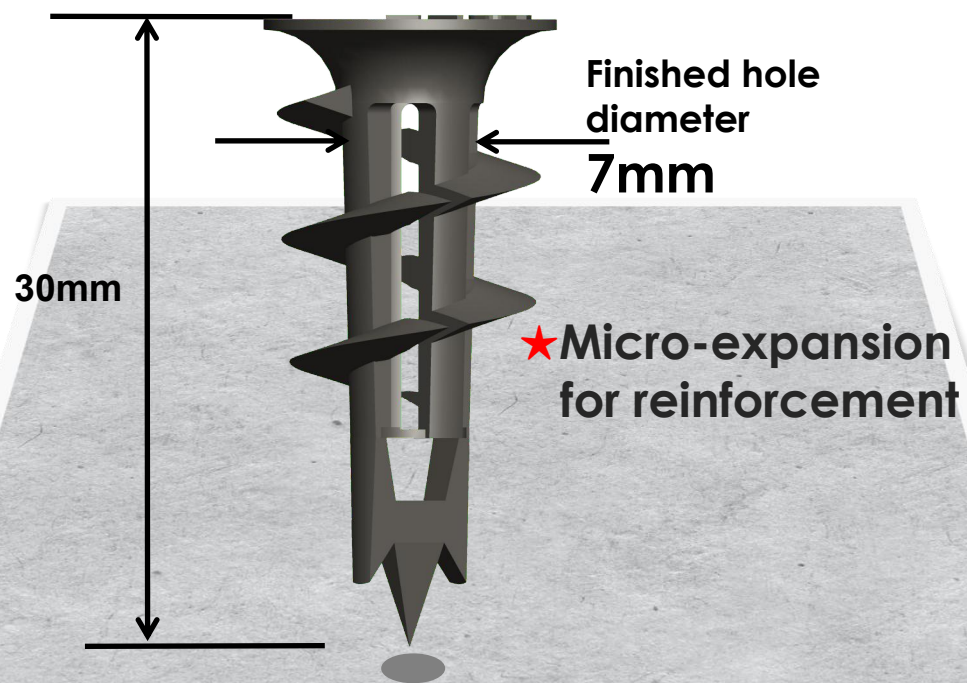


# NOTATION

For the purpose of this instruction, the symbols given in following apply:

Evaluation Index	Rating			Remarks
Dynamic Load Capacity				Low to High
Load-Bearing Effect				Low to High
Gypsum Board Damage Level				Small to Big
Installation Efficiency				Slow to Quick
Difficulty Level				Easy to Difficult
Fastening Strength				Light to Strong





Code

EDAZ

Material

Zamak

Minimum Installation Space

21mm

Applicable Screw Diameter

#8

Suitable Substrate

**Plasterboard**  
**Fiber Cement Board**

- ☒ Rock Wool
- ☒ Glass Wool
- ☒ PS Foam
- ☒ XPS Board
- ☒ EPS Board

Dynamic Load Capacity



Load-Bearing Effect



Gypsum Board Damage Level



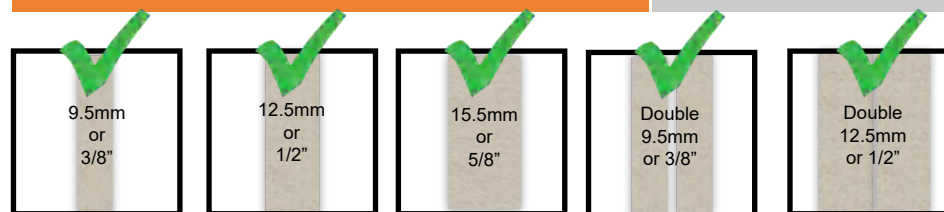
Installation Efficiency



Difficulty Level



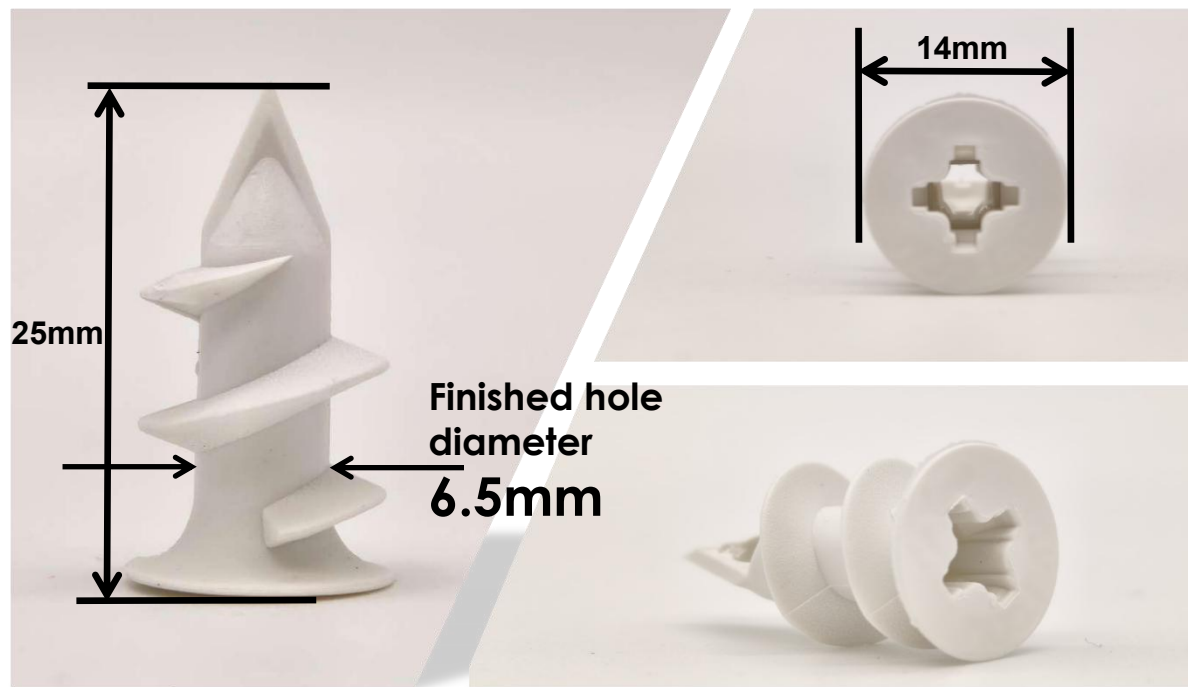
Fastening Strength



※Suitable Thickness of Plasterboard

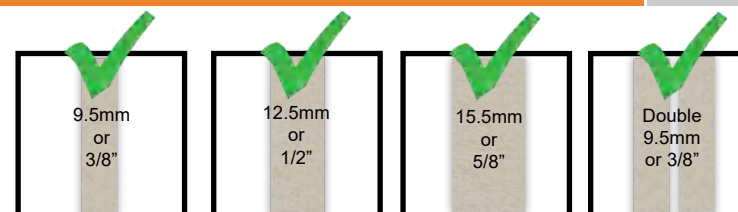
**Coming soon...**





Dynamic Load Capacity	—
Load-Bearing Effect	
Gypsum Board Damage Level	
Installation Efficiency	
Difficulty Level	
Fastening Strength	

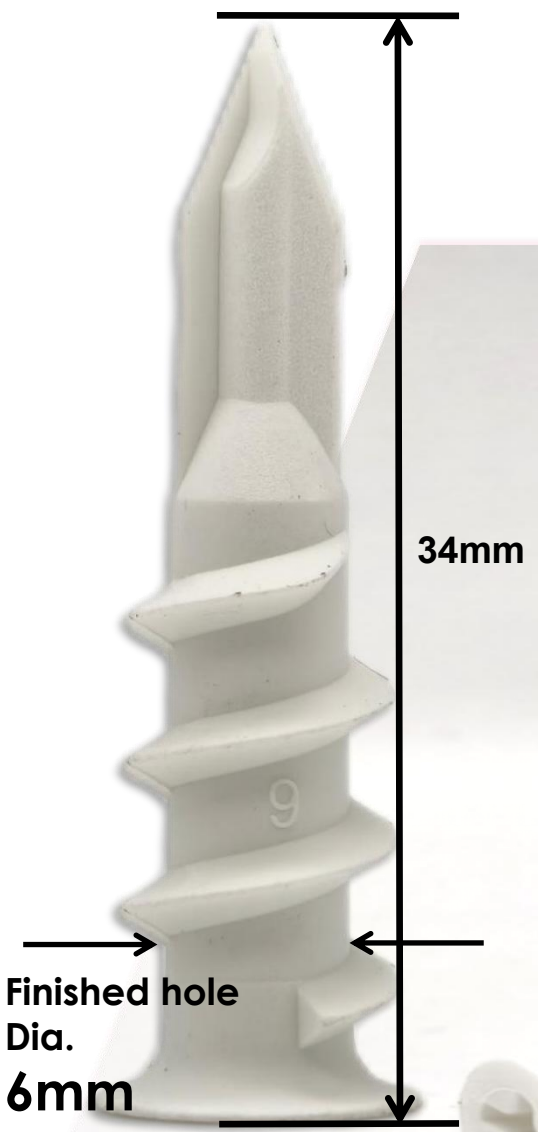
Code	NDAS
Material	Nylon
Minimum Installation Space	16mm
Applicable Screw Diameter	#8
Suitable Substrate	<u>Plasterboard</u> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Rock Wool</li> <li><input checked="" type="checkbox"/> Glass Wool</li> <li><input checked="" type="checkbox"/> PS Foam</li> <li><input checked="" type="checkbox"/> XPS Board</li> <li><input checked="" type="checkbox"/> EPS Board</li> </ul>



※Suitable Thickness of Plasterboard

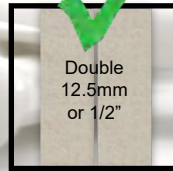






Code	NDAM
Material	Nylon
Minimum Installation Space	25mm
Applicable Screw Diameter	#6
Suitable Substrate	<u>Plasterboard</u> <ul style="list-style-type: none"><li><input checked="" type="checkbox"/> Rock Wool</li><li><input checked="" type="checkbox"/> Glass Wool</li><li><input checked="" type="checkbox"/> PS Foam</li><li><input checked="" type="checkbox"/> XPS Board</li><li><input checked="" type="checkbox"/> EPS Board</li></ul>

Dynamic Load Capacity	—
Load-Bearing Effect	
Gypsum Board Damage Level	
Installation Efficiency	
Difficulty Level	
Fastening Strength	



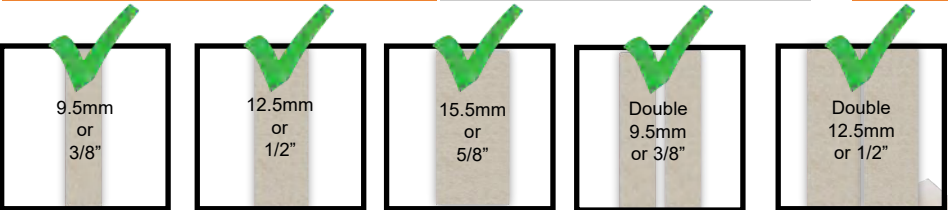
※Suitable Thickness of Plasterboard



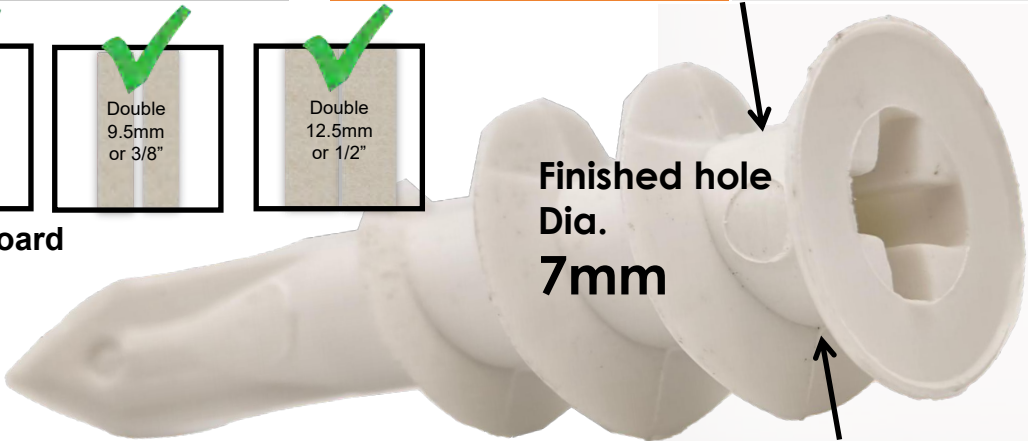


Code	NDAL
Material	Nylon
Minimum Installation Space	33mm
Applicable Screw Diameter	#8
Suitable Substrate	Plasterboard
	<input checked="" type="checkbox"/> Rock Wool
	<input checked="" type="checkbox"/> Glass Wool
	<input checked="" type="checkbox"/> PS Foam
	<input checked="" type="checkbox"/> XPS Board
	<input checked="" type="checkbox"/> EPS Board

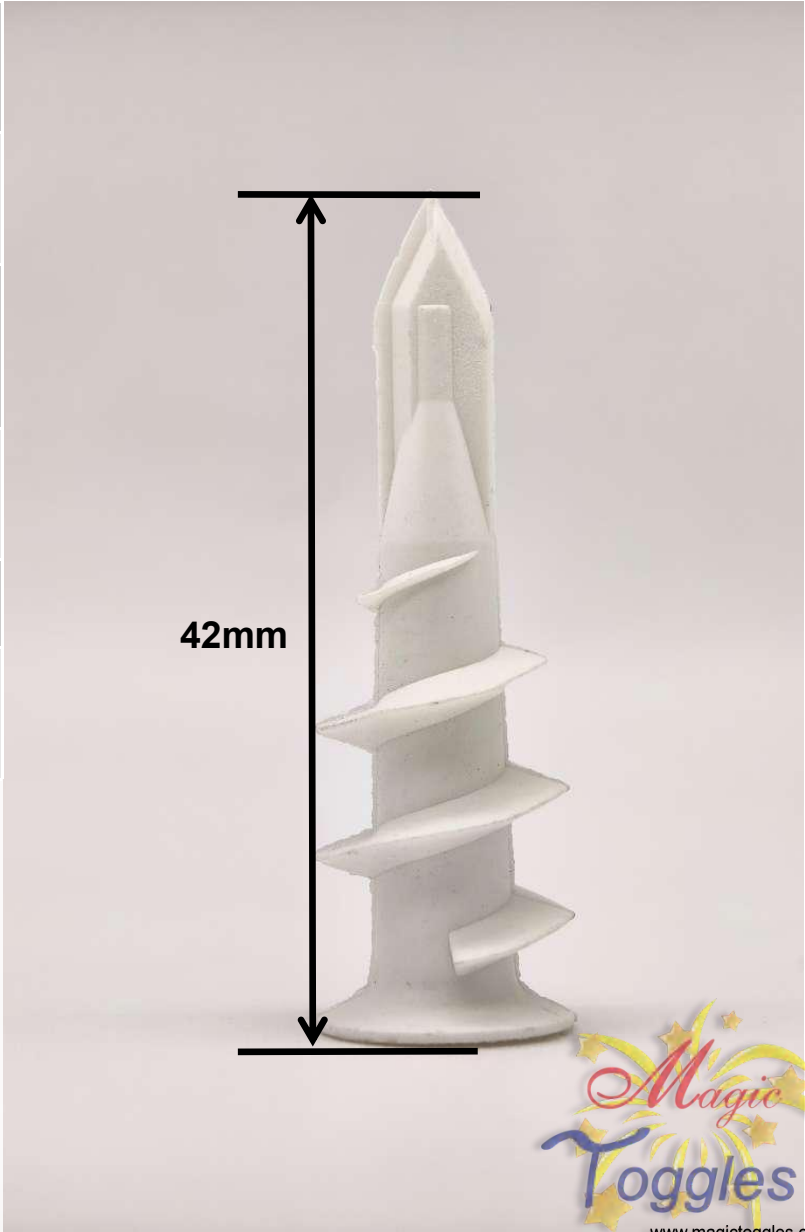
Dynamic Load Capacity	—
Load-Bearing Effect	
Gypsum Board Damage Level	
Installation Efficiency	
Difficulty Level	
Fastening Strength	



※Suitable Thickness of Plasterboard

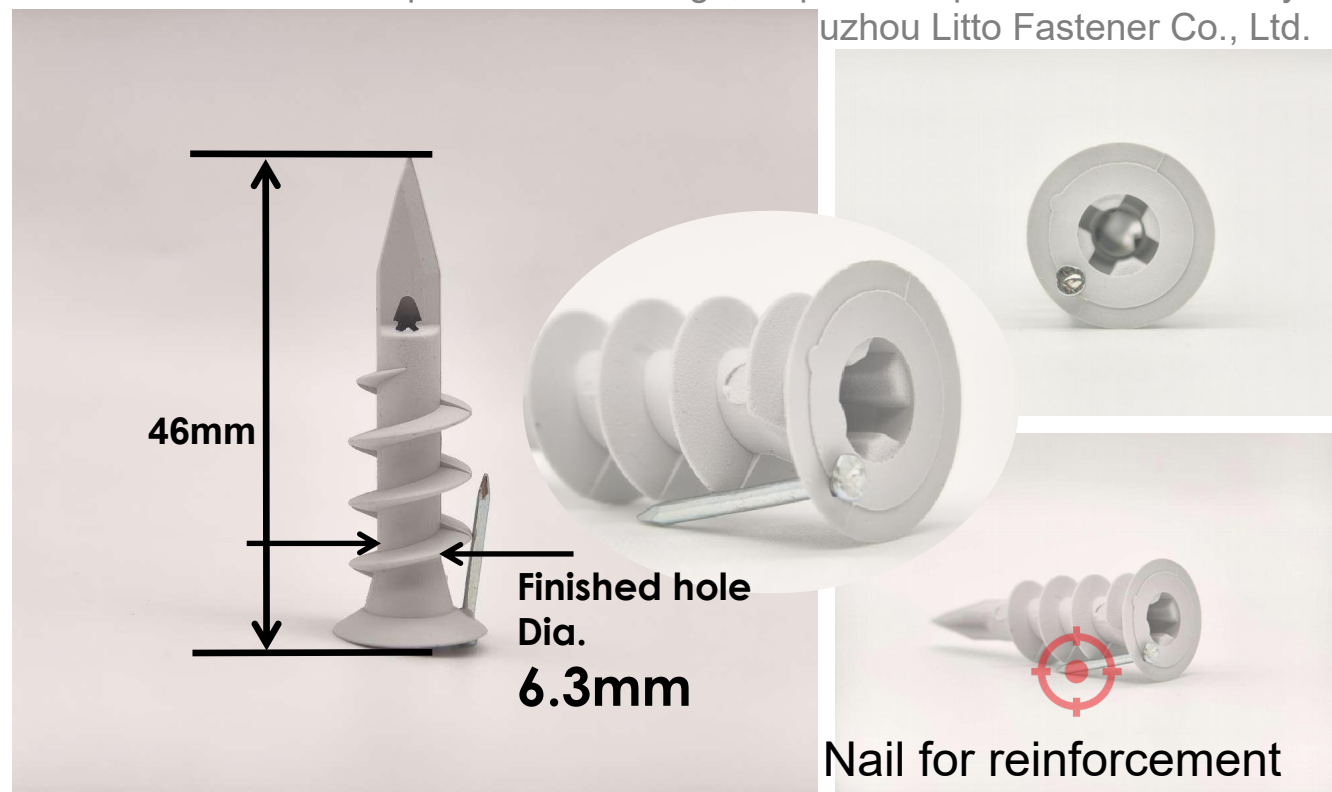


Finished hole  
Dia.  
7mm

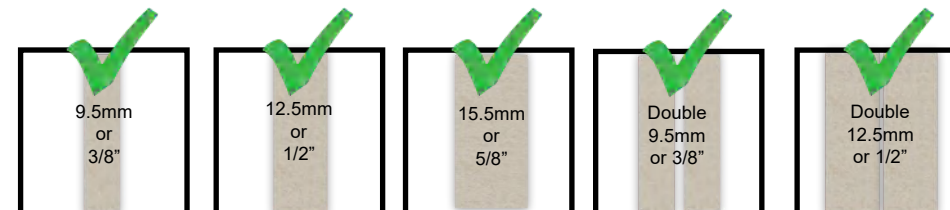




Code	NDAN
Material	Nylon + carbon steel
Minimum Installation Space	37mm
Applicable Screw Diameter	#8
Suitable Substrate	<u>Plasterboard</u> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Rock Wool</li> <li><input checked="" type="checkbox"/> Glass Wool</li> <li><input checked="" type="checkbox"/> PS Foam</li> <li><input checked="" type="checkbox"/> XPS Board</li> <li><input checked="" type="checkbox"/> EPS Board</li> </ul>



Dynamic Load Capacity	
Load-Bearing Effect	
Gypsum Board Damage Level	
Installation Efficiency	
Difficulty Level	
Fastening Strength	



※Suitable Thickness of Plasterboard





With the remarkable design capabilities of  
**MAGIC TOGGLES,**  
we are well-positioned to offer you customized  
Plastic Drywall Anchors.

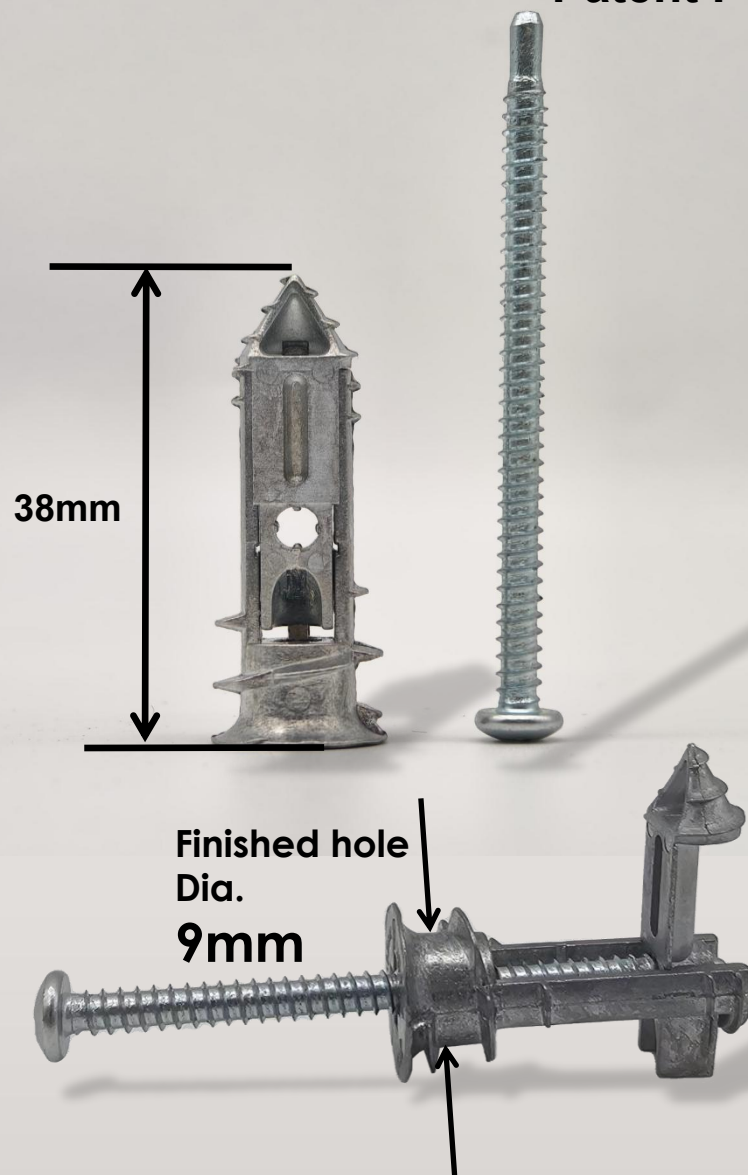




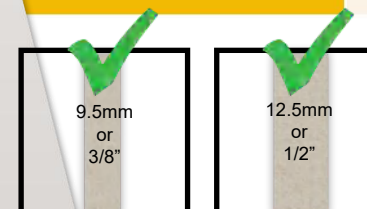
Code	UDT06
Material	Zamak
Minimum Installation Space	40mm
Provided Screw Size	#6x51
Suitable Substrate	<b><u>Plasterboard</u></b> <b><u>Fiber Cement Board</u></b> <input checked="" type="checkbox"/> Rock Wool <input checked="" type="checkbox"/> Glass Wool



**Patent Pending**



Dynamic Load Capacity	≡
Load-Bearing Effect	⚖️ ⚖️
Gypsum Board Damage Level	💥 💥
Installation Efficiency	⚡ ⚡
Difficulty Level	⚙️ ⚙️
Fastening Strength	🦴 🦴 🦴



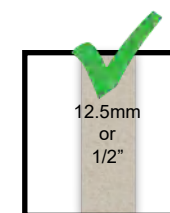
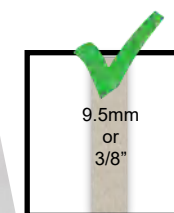
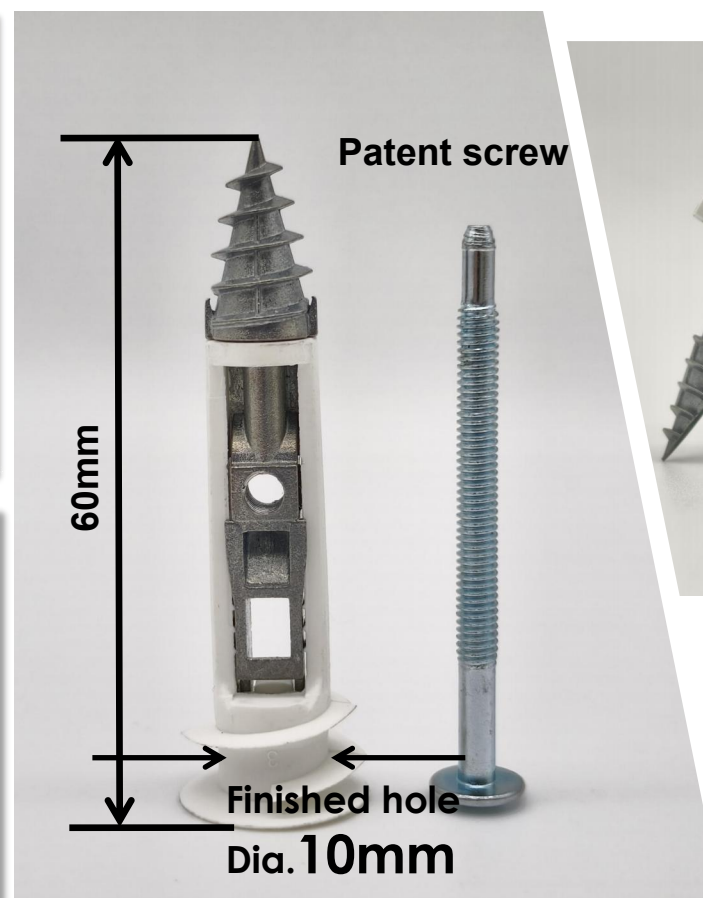
※Suitable Thickness of Plasterboard





Code	ZSM4A
Material	Plastic & Zinc-Alloy
Minimum Installation Space	52mm

Dynamic Load Capacity	
Load-Bearing Effect	
Gypsum Board Damage Level	
Installation Efficiency	
Difficulty Level	
Fastening Strength	



※Suitable Thickness of Plasterboard

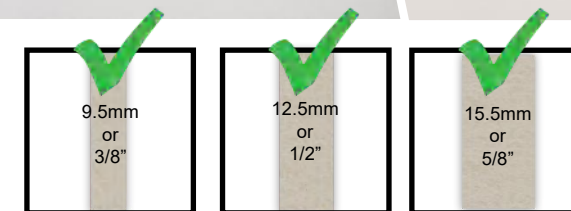
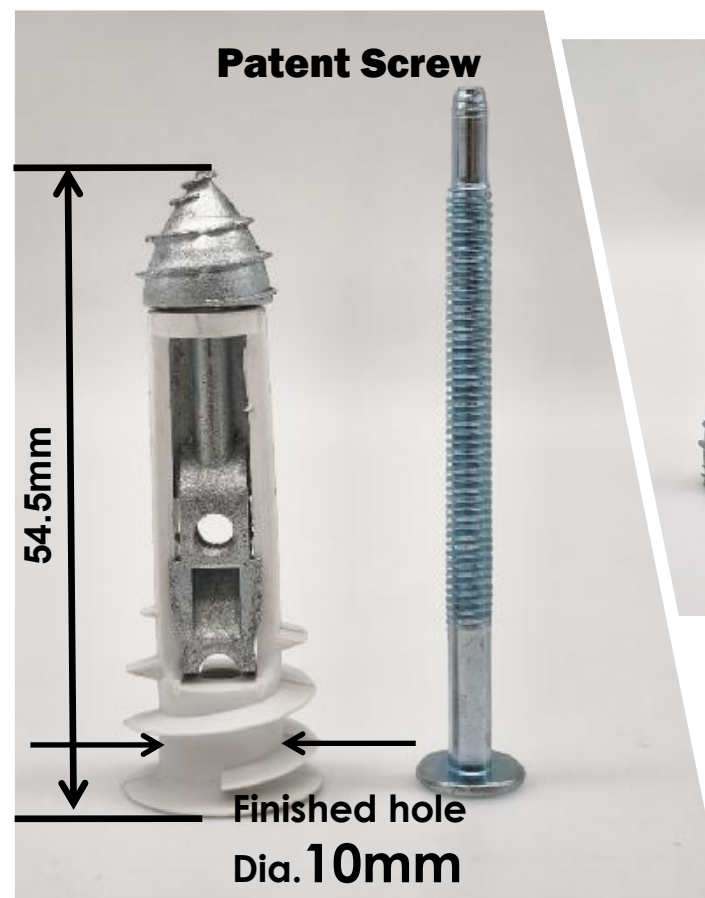
Provided Screw Size	M4x51
Suitable Substrate	<u>Plasterboard</u> <u>Fiber Cement Board</u>





Code	ZSM4B
Material	Plastic & Zinc-Alloy
Minimum Installation Space	50mm

Dynamic Load Capacity	≡
Load-Bearing Effect	⚖️ ⚖️
Gypsum Board Damage Level	💥 💥
Installation Efficiency	⚡ ⚡
Difficulty Level	⚙️ ⚙️
Fastening Strength	🦴 🦴 🦴



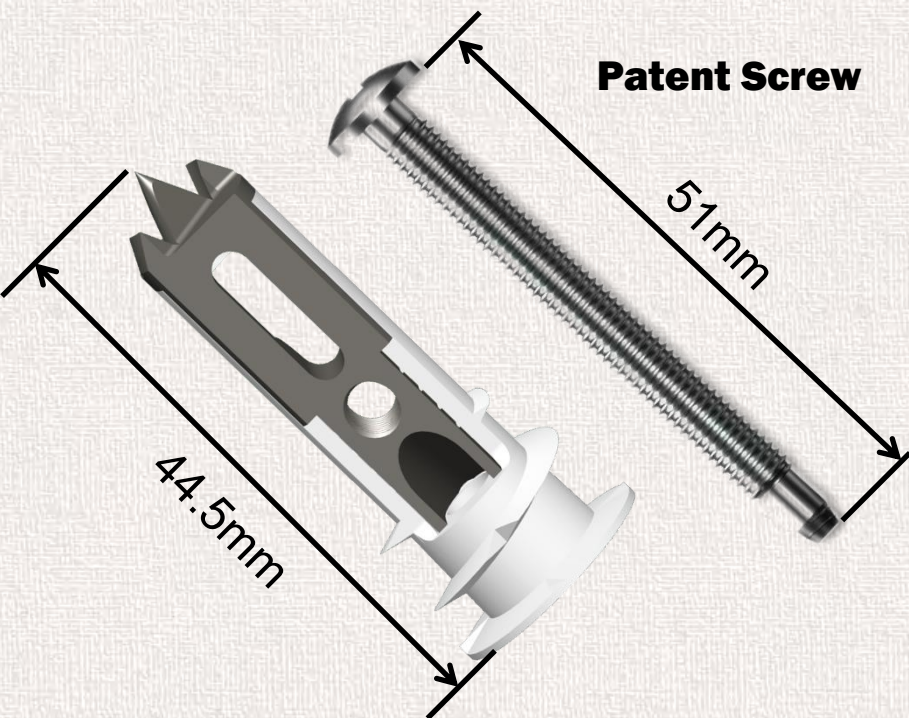
※Suitable Thickness of Plasterboard

Provided Screw Size	M4x58
Suitable Substrate	<u>Plasterboard</u> <u>Fiber Cement Board</u>



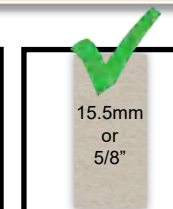
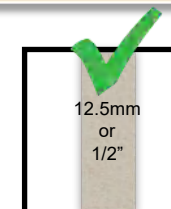
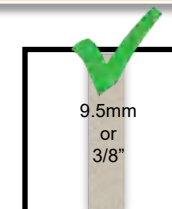


Coming soon



Code	ZMM5
Material	Plastic & Zinc-Alloy
Minimum Installation Space	40mm
Provided Screw Size	M5x51
Suitable Substrate	<u>Plasterboard</u> <input checked="" type="checkbox"/> Rock Wool <u>Fiber Cement Board</u>

Finished hole  
Dia. 12.5mm



※Suitable Thickness of Plasterboard

Dynamic Load Capacity



Load-Bearing Effect



Gypsum Board Damage Level



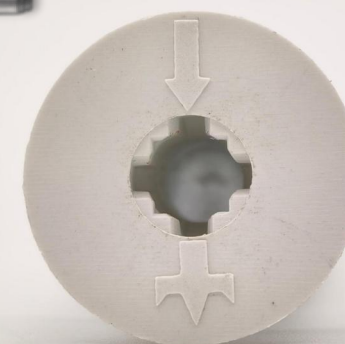
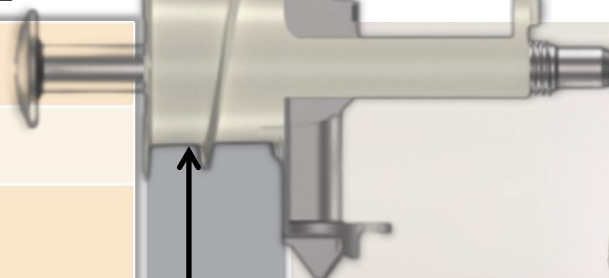
Installation Efficiency



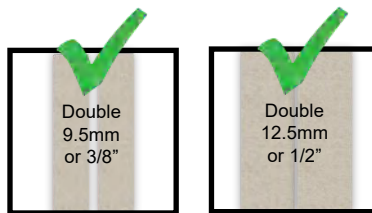
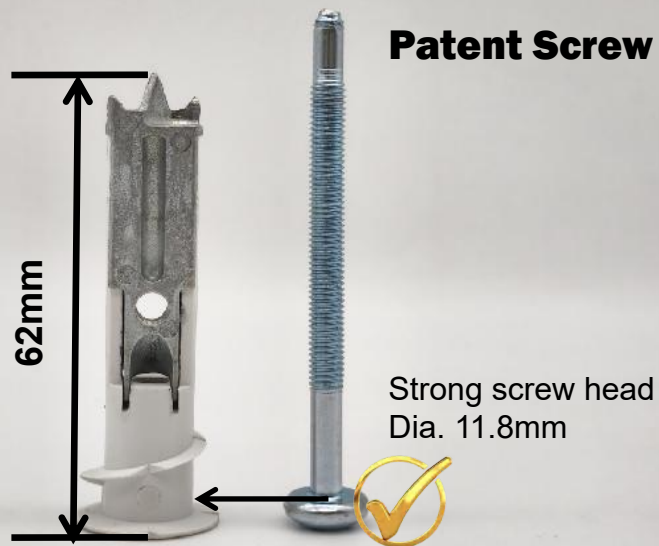
Difficulty Level



Fastening Strength



## #3 Pozi Drive / Philip Drive



※Suitable Thickness of Plasterboard

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Code	*ZXLM5
Material	Plastic & Zinc-Alloy
Minimum Installation Space	50mm
Provided Screw Size	M5x67
Suitable Substrate	<u>Plasterboard</u> <u>Fiber Cement Board</u> <input checked="" type="checkbox"/> Rock Wool

\*ZXLM5 is a Magic Toggle designed by JMTM for a renowned UK client and manufactured by SUZHOU LITTO FASTENER, with all molds rights belonging to this British company.

Dynamic Load Capacity	≡
Load-Bearing Effect	🏋️ 🏋️ 🏋️
Gypsum Board Damage Level	💥 💥 💥
Installation Efficiency	⚡ ⚡
Difficulty Level	⚙️ ⚙️
Fastening Strength	🦴 🦴 🦴





M5 bolt



JMTM specializes in design, all products precision - crafted by Suzhou Litto Fastener Co., Ltd.



Code	CSPM5
Material	Plastic & Carbon Steel
Minimum Installation Space	52mm
Base Material Thickness Range	9~125mm
Suitable Substrate	<u>Plasterboard</u> <u>Fiber Cement Board</u> <u>Plastic Board</u> <u>Timber</u> <input checked="" type="checkbox"/> Rock Wool

Dynamic Load Capacity	≡
Load-Bearing Effect	⚖️⚖️⚖️
Gypsum Board Damage Level	💥
Installation Efficiency	⚡
Difficulty Level	⚙️⚙️
Fastening Strength	🔑🔑🔑

PRE-DRILLING REQUIRED



# M6 bolt

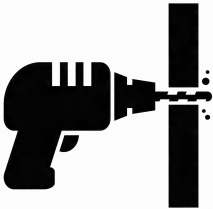
JMTM specializes in design, all products precision - crafted by Suzhou Litto Fastener Co., Ltd.



Code	CSPM6
Material	Plastic & Carbon Steel
Minimum Installation Space	52mm
Base Material Thickness Range	9~125mm
Suitable Substrate	<u>Plasterboard</u> <u>Fiber Cement Board</u> <u>Plastic Board</u> <u>Timber</u> <input checked="" type="checkbox"/> Rock Wool

Dynamic Load Capacity	
Load-Bearing Effect	
Gypsum Board Damage Level	
Installation Efficiency	
Difficulty Level	
Fastening Strength	

PRE-DRILLING REQUIRED



Tool Required



PRE-DRILLING REQUIRED

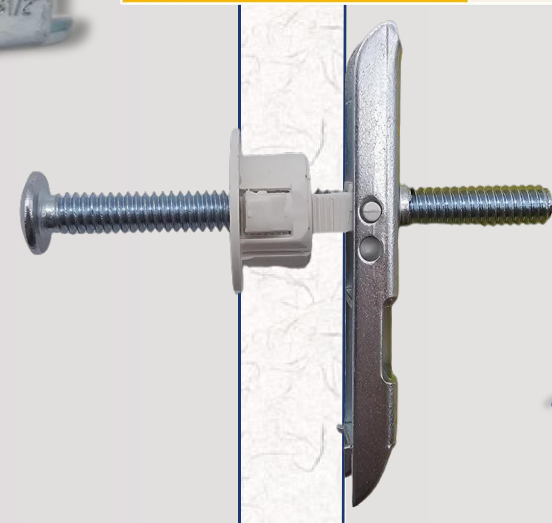


JMTM specializes in design, all products precision - crafted by Suzhou Litto Fastener Co., Ltd.



Dynamic Load Capacity	≡
Load-Bearing Effect	⚖️ ⚖️ ⚖️
Gypsum Board Damage Level	💥
Installation Efficiency	⚡
Difficulty Level	⚙️ ⚙️
Fastening Strength	🦴 🦴 🦴

Code	CS316
Material	Plastic & Carbon Steel
Minimum Installation Space	52mm
Base Material Thickness Range	9~90mm
Suitable Substrate	<u>Plasterboard</u> <u>Fiber Cement Board</u> <u>Plastic Board</u> <u>Timber</u> <input checked="" type="checkbox"/> Rock Wool





PRE-DRILLING REQUIRED

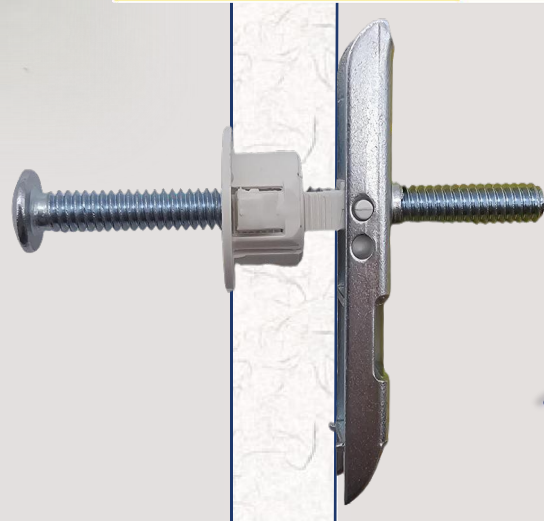


JMTM specializes in design, all products precision - crafted by Suzhou Litto Fastener Co., Ltd.



Dynamic Load Capacity	≡
Load-Bearing Effect	⚖️ ⚖️ ⚖️
Gypsum Board Damage Level	💥
Installation Efficiency	⚡
Difficulty Level	⚙️ ⚙️
Fastening Strength	🦴 🦴 🦴

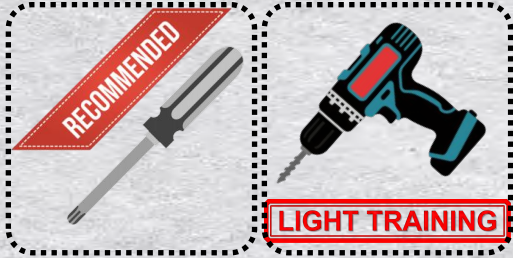
Code	CS14
Material	Plastic & Carbon Steel
Minimum Installation Space	52mm
Base Material Thickness Range	9~90mm
Suitable Substrate	<u>Plasterboard</u> <u>Fiber Cement Board</u> <u>Plastic Board</u> <u>Timber</u> <input checked="" type="checkbox"/> Rock Wool







# 510JM - Innovative Self-Drilling Hollow Wall Anchor

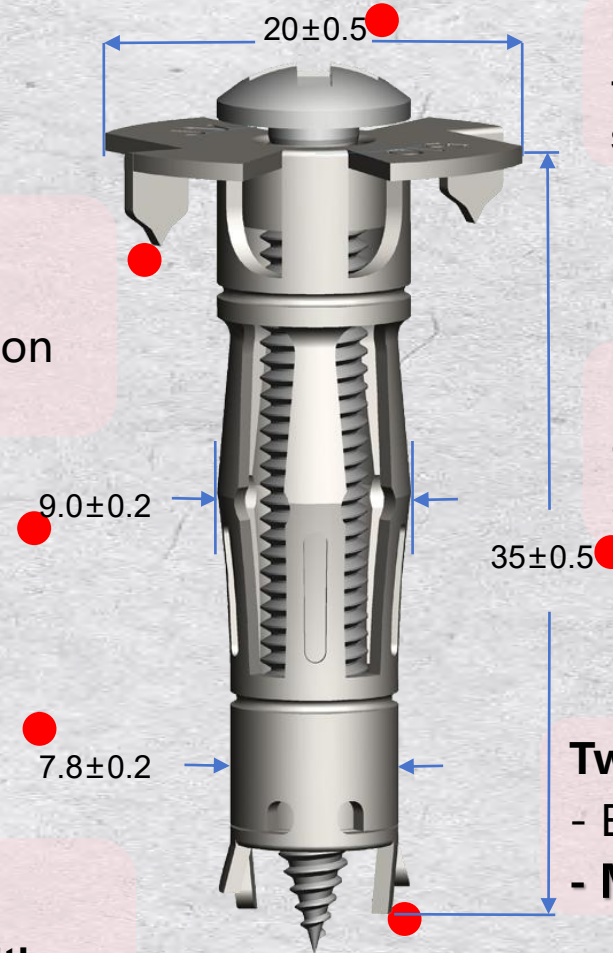


## Unique claw-like spikes

- Allows faster penetration into drywall
- Secures firmly, preventing over-penetration through drywall

Slightly reduced diameter for easier entry into the drill hole

The sleeve is designed innovatively with Double-ring T-shaped Lock Mechanism, with Outstanding impact resistance



## Enlarged washer

- Provides a secure hold during installation, stabilizing the product on the plasterboard

## Overall length: 35mm (including knife-edge)

- suitable for most plasterboard + stud application scenarios

## Two sets of differentially designed knife-edges

- Ensures smoother drilling
- **Minimizes damage to the backside of drywall**

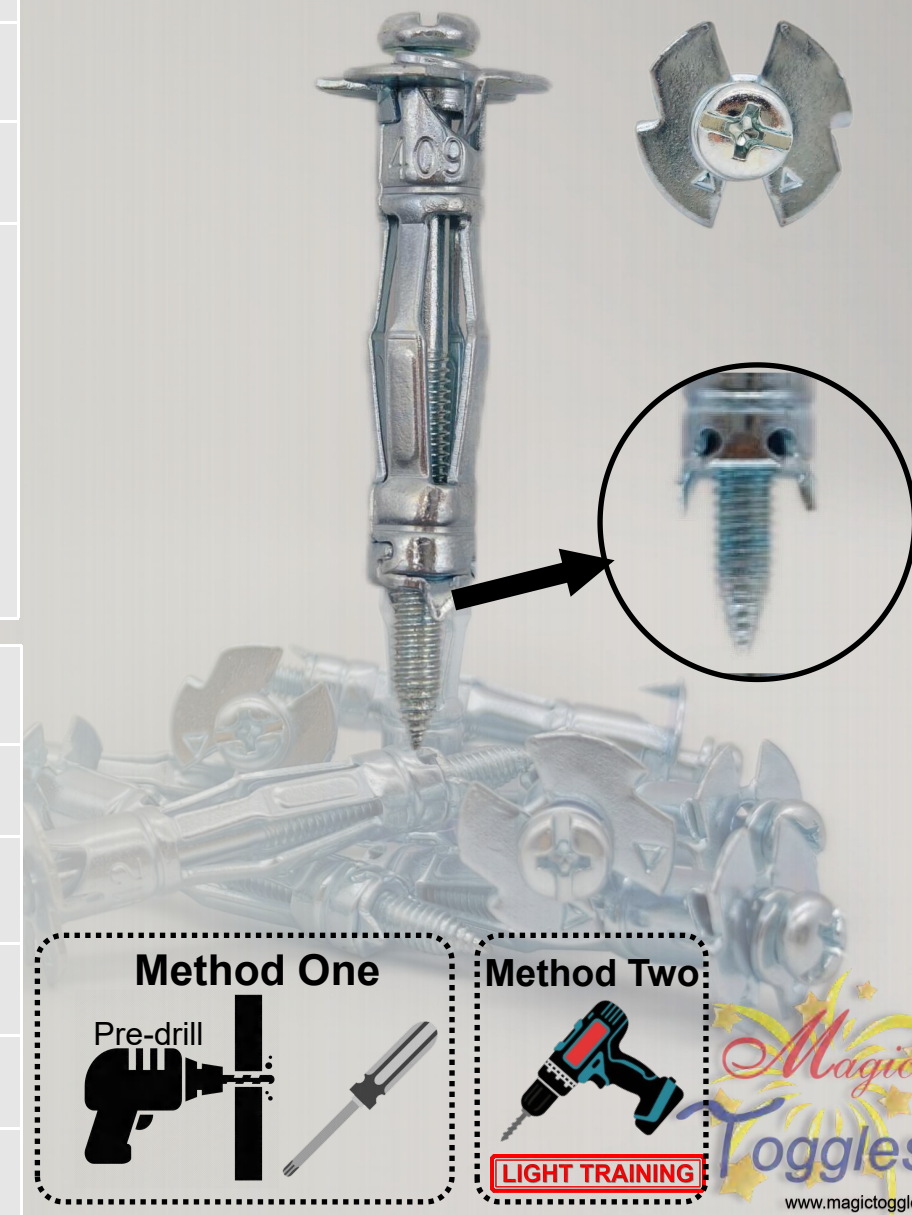
**Coming soon...**





Code	409HL
Minimum Installation Space	40mm
Base Material Thickness Range	3~10mm
Suitable Substrate	<b><u>Plasterboard</u></b> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Rock Wool</li> <li><input checked="" type="checkbox"/> Glass Wool</li> <li><input checked="" type="checkbox"/> PS Foam</li> <li><input checked="" type="checkbox"/> XPS Board</li> <li><input checked="" type="checkbox"/> EPS Board</li> </ul>

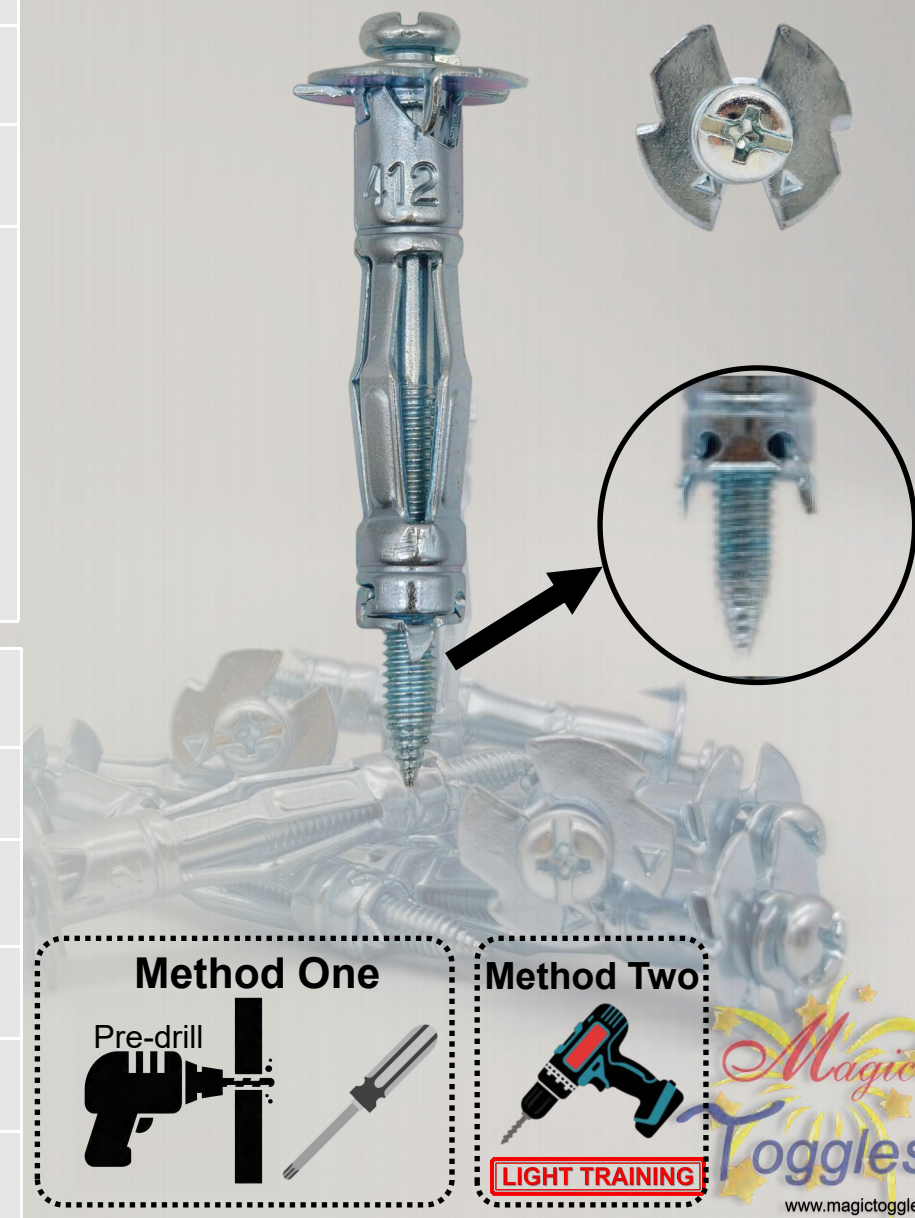
Dynamic Load Capacity	≡
Load-Bearing Effect	🏋️ 🏋️ 🏋️
Gypsum Board Damage Level	💥 💥
Installation Efficiency	⚡ ⚡
Difficulty Level	⚙️ ⚙️ (Light Training Required)
Fastening Strength	🔧 🔧 🔧





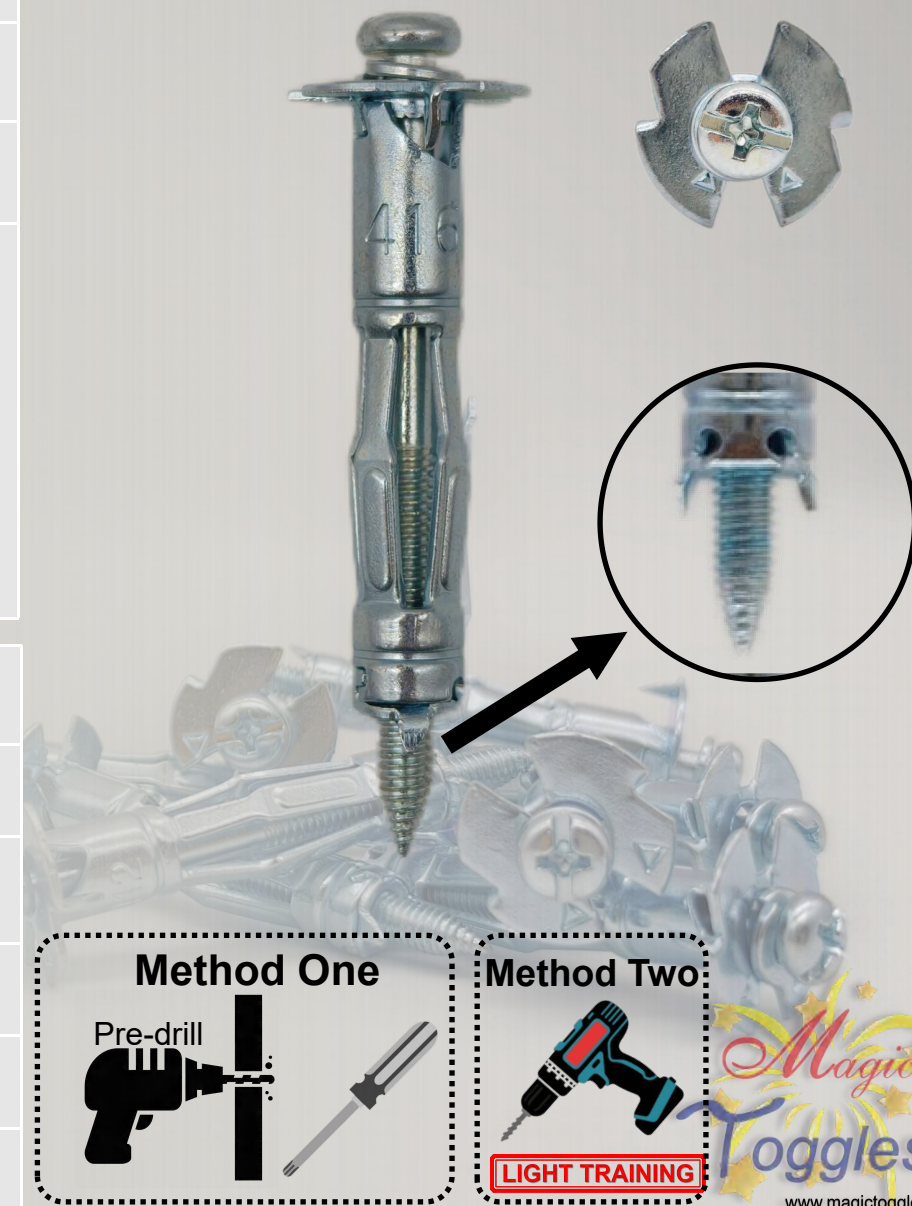


Code	412HL
Minimum Installation Space	40mm
Base Material Thickness Range	6~13mm
Suitable Substrate	<b><u>Plasterboard</u></b> <ul style="list-style-type: none"> <li>✓ Rock Wool</li> <li>✓ Glass Wool</li> <li>✓ PS Foam</li> <li>✓ XPS Board</li> <li>✓ EPS Board</li> </ul>
Dynamic Load Capacity	≡
Load-Bearing Effect	🏋️ 🏋️ 🏋️
Gypsum Board Damage Level	💥 💥
Installation Efficiency	⚡ ⚡
Difficulty Level	⚙️ ⚙️ (Light Training Required)
Fastening Strength	🔑 🔑 🔑





Code	416HL
Minimum Installation Space	40mm
Base Material Thickness Range	9~16mm
Suitable Substrate	<b><u>Plasterboard</u></b> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Rock Wool</li> <li><input checked="" type="checkbox"/> Glass Wool</li> <li><input checked="" type="checkbox"/> PS Foam</li> <li><input checked="" type="checkbox"/> XPS Board</li> <li><input checked="" type="checkbox"/> EPS Board</li> </ul>
Dynamic Load Capacity	≡
Load-Bearing Effect	🏋️‍♂️🏋️‍♂️🏋️‍♂️
Gypsum Board Damage Level	💥💥
Installation Efficiency	⚡⚡
Difficulty Level	⚙️⚙️ (Light Training Required)
Fastening Strength	🔧🔧🔧



**JMTM**

***Redefining Possibilities in Fastening Technology***

**Custom Magic Toggle Solutions**

- Precision-Engineered to Your Exact Specifications -

***From Concept to Reality, Tested Beyond Industry Standards***



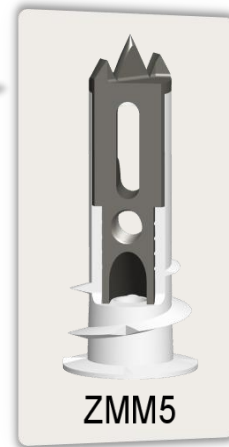
## **LITTO FASTENER**

Delivers unparalleled, premium-quality plasterboard fasteners designed exclusively for your projects.

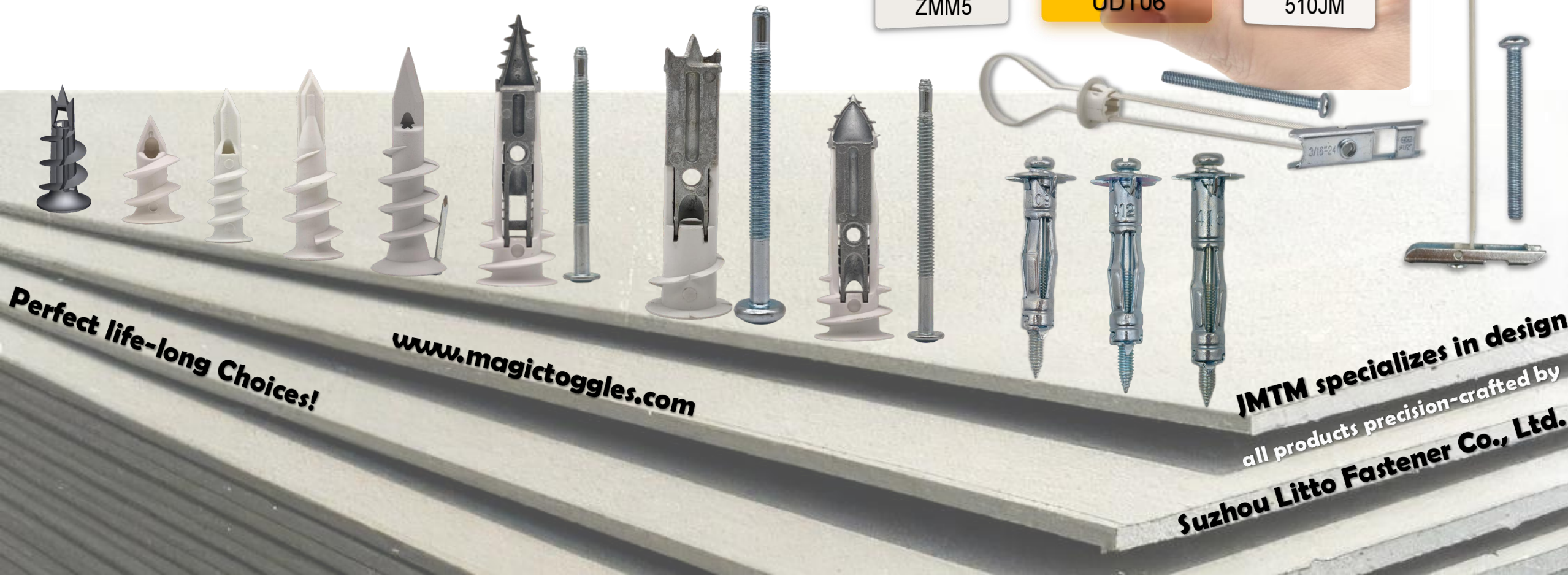
Ensures flawless performance with comprehensive product testing.

***Build Confidently. Fasten Fearlessly.***

# THANK YOU FOR WATCHING!



1st



Perfect life-long Choices!

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JMTM specializes in design  
all products precision-crafted by  
**Suzhou Litto Fastener Co., Ltd.**