



Hilti HTB-3 Hollow Wall Metal Anchor

Submission Folder

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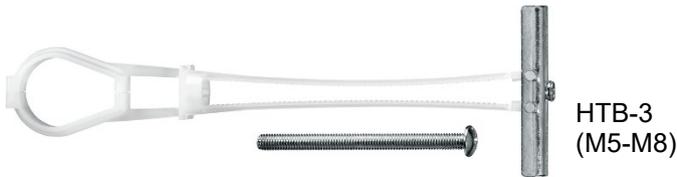


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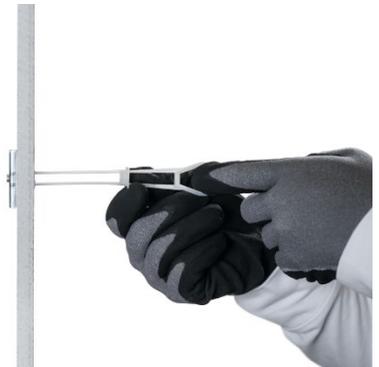
HTB-3 hollow wall metal anchor

Economical toggle bolt hollow wall anchor for easy and correct fastening to drywall

Anchor version	Benefits
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- Designed for easier installation – double nylon zippers allow you to easily insert, flip the toggle wings, and zip the collar to the wall, helping you to install these anchors correctly and quickly every time
- High load capacity – toggle bolts provide high load capacity for fastening on drywall and hollow wall materials, see technical datasheet for full details
- Practical and economical – these nylon toggle anchors are a lower-cost solution for fastening to hollow walls, especially when you only have access to one side of the wall
- Allows future modifications – the fastening point remains in the wall even after the fixture has been unscrewed
- Anchoring to drywall (max. thickness 3" or 76 mm)



Base material	Load conditions
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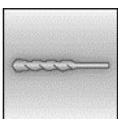


Drywall



Static/
quasi-static

Drilling, cleaning, setting		Other information
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Drilling



Rotary mode (Drywall)



Hilti Technical data

Static loading based on Hilti Technical data

All data in this section applies to:

- Correct setting (See setting instruction)
- Rotary mode drilled holes in drywall
- For a single anchor
- No edge distance and spacing influence
- Minimum base material thickness (see setting detail table)
- Recommended loads :With overall global safety factor $\gamma = 3$ to the characteristic loads and a partial safety factor of $\gamma = 1,4$, to the design values

Design resistance

Anchor size		M5	M6	M8
Gypsum board Thickness 12,5 mm	N_{Rd} [kN]	0,35		
	V_{Rd} [kN]	0,42		
Gypsum board Thickness 2x12,5 mm	N_{Rd} [kN]	0,70		
	V_{Rd} [kN]	0,42		
Fibre reinforced gypsum board Thickness 12,5 mm	N_{Rd} [kN]	0,80		
	V_{Rd} [kN]	0,84		

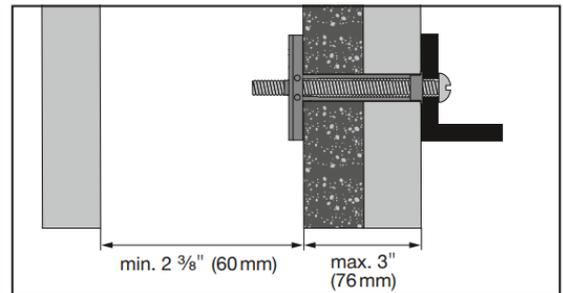
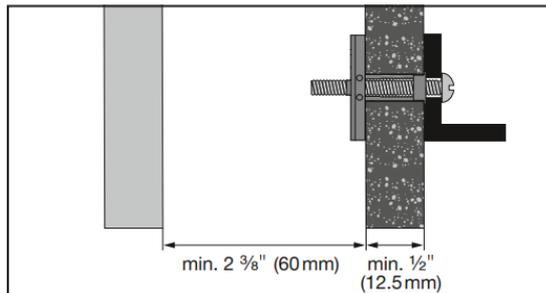
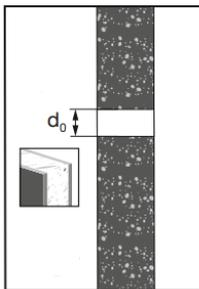
Recommended loads

Anchor size		M5	M6	M8
Gypsum board Thickness 12,5 mm	N_{rec} [kN]	0,25		
	V_{rec} [kN]	0,30		
Gypsum board Thickness 2x12,5 mm	N_{rec} [kN]	0,50		
	V_{rec} [kN]	0,30		
Fibre reinforced gypsum board Thickness 12,5 mm	N_{rec} [kN]	0,57		
	V_{rec} [kN]	0,60		

Setting information

Setting details

Anchor size			M5	M6	M8
Nominal diameter of drill bit	d_0	[mm]	13 -14	13 -14	18-19
Thickness of wall	min	h_{min}	12.5		
	max	h_{max}	76		
Minimum space of cavity	l	[mm]	60		
Screw length	L	[mm]	$12 + h + t_{fix}$		
Screw size	d	[mm]	M5	M6	M8
Torque moment	T_{inst}	[Nm]	3		



12 Dec 2025
 Ref: 229/AM/DN/25

To whom it may concern,

Phase-in of HTB-3 anchor

With reference to above, we would like to announce that a new version of the HTB anchor series is available. Please refer below for updated product outlook, description and item number.



Phased-out version			Phased-in version		
Item No.	Product description	Screw	Item No.	Product description	Screw
2158762	HTB-2 M5	N	2428359	HTB-3 M5	N
2158763	HTB-2-S M5x60	Y	2428361	HTB-3-S M5x60	Y
2158764	HTB-2 M6	N	2428335	HTB-3 M6	N
2158765	HTB-2-S M6x60	Y	2428362	HTB-3-S M6x60	Y
			2428344	HTB-3 M8	N
			2428363	HTB-3-S M8x60	Y

Should you have further question, please do not hesitate to contact our Technical Representatives or Customer Service Hotline at 8228-8118.

Yours sincerely,
 Daniel Ng

Daniel Ng



Product Portfolio Manager
 Hilti (Hong Kong) Ltd.

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Attn. : To whom it may concern

Date : 15 December 2025
Ref. : 230/AM/SC/25

Subject : Country of Origin- Hilti HTB-3 Hollow Wall Metal Anchor

Dear Sir / Madam,

Enclosed please find the information of HTB-3 Hollow Wall Metal Anchor.

Brand Name : Hilti

Model Name : Hilti HTB-3 Hollow Wall Metal Anchor

Manufacturer : Hilti Corporation

Address of Manufacturer : FL-9494, Principality of Liechtenstein.

Manufacturer Contact Person : Spencer Cheung

Supplier : Hilti (Hong Kong) Ltd

Address of Supplier : 701-704, 7/F, Tower A, Manulife Financial Centre,
223 Wai Yip Street, Kwun Tong, Kowloon, Hong Kong

Supplier Contact Person : Spencer Cheung (+852 9732 1231)

Country of Origin : Germany

Should you have further questions, please do not hesitate to contact our Technical Representatives, Customer Service Hotline at 8228-8118, or email us at hksales@hilti.com.

Yours faithfully,

Spencer C. 

Spencer Cheung
Head of Product Leadership Strategy