

Hilti HA 8 Eyebolt Anchor

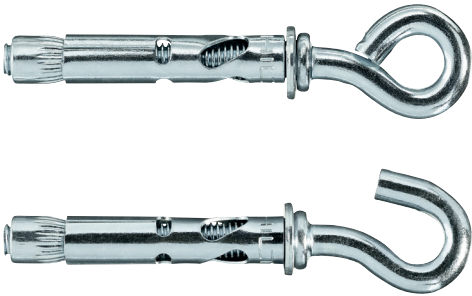
Submission Folder

Product Information	2
Technical Data	3
Letters	
Country of Origin	7
Job Reference	8



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Hook and ring anchors HA NG 8



BASE MATERIALS

- Concrete (uncracked)

APPLICATIONS

- Suspensions from concrete ceilings e.g. suspended ceilings etc.

ADVANTAGES

- Time-saving, easy manual expansion
- Reliable thanks to automatic follow-up expansion

Technical data	
Environmental conditions	Indoor, dry conditions
Head configuration	Closed eye bolt, Open eye bolt
Material composition	Steel, zinc-plated (min. 5 µm)
Material, corrosion	Steel, zinc-plated
Type of fastening	Pre-fastening

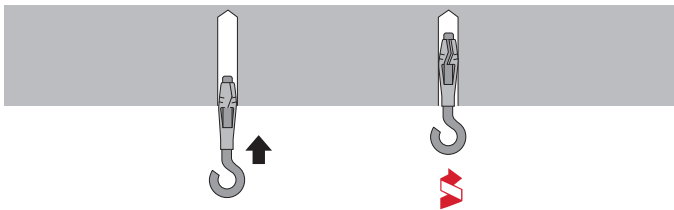
Technical data

Recommended load (kN)

Model	Size	HA8 R1	HA8 H1
H2 Concrete at 20 N/mm²	Tensile Load, N _{rec}	0.80	0.80

Remarks:

- 1) All the data applies to no edge distance, spacing and other influences
- 2) Holes must be produced by rotary drilling only



These are abbreviated instructions which may vary according to the application.

Order Now





Ordering designation	Anchor Size	Anchorage depth	Anchor length	Bolt diameter	Drill bit diameter	Drilling depth	Sales pack quantity	Item number
HA NG 8X45 H1	8 mm	35 mm	76 mm	5.4 mm	8 mm	55 mm	100 pc	2230167
HA NG 8X45 R1	8 mm	35 mm	76 mm	5.4 mm	8 mm	55 mm	100 pc	2230166


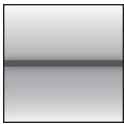
Please visit Hilti website for the latest item numbers and related products




HA 8 NG Light duty metal anchors

Hook and ring anchor

Anchor version		Benefits
	HA 8 NG R1	<ul style="list-style-type: none">- Well proven- Easy-setting- Follow-up expansion- Hook and ring head available
	HA 8 NG H1	

Base material	Load conditions
 Concrete (non-cracked)	 Static/ quasi-static

Installation conditions
 Hammer drilled holes

Basic loading data (for a single anchor)

All data in this section applies to:

- Correct setting (See setting instruction)
- No edge distance and spacing influence
- Values are only valid for tensile loading
- Concrete C20/25 to C50/60

Concrete	Non-cracked
Tensile N_{rec} [kN]	0,8

Materials

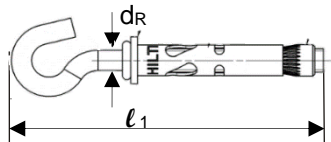
Anchor size	HA 8 NG bolt
Nominal tensile strength f_{uk} [N/mm ²]	520
Yield strength f_{yk} [N/mm ²]	450

Material quality

Part	Material
Expansion sleeve	Carbon steel, galvanized to min. 5 μ m
Bolt	Carbon steel, galvanized to min. 5 μ m

Anchor dimensions

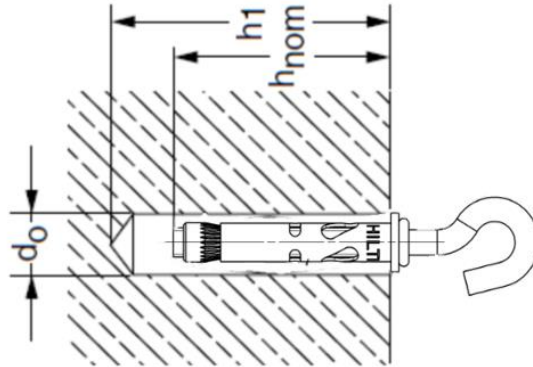
Anchor size	HA 8 NG
Bolt diameter d_R [mm]	5.4
Length of the anchor l_1 [mm]	76



Setting information

Setting details

Anchor size		HA 8 NG
Nominal diameter of drill bit	d_o [mm]	8
Cutting diameter of drill bit	$d_{cut} \leq$ [mm]	8,45
Depth of drill hole	$h_1 \geq$ [mm]	55
Effective anchorage depth	h_{ef} [mm]	35

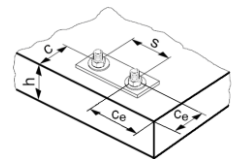


Installation equipment

Anchor size		HA 8 NG
Rotary hammer		TE2 – TE16
Other tools		Hammer, blow out pump

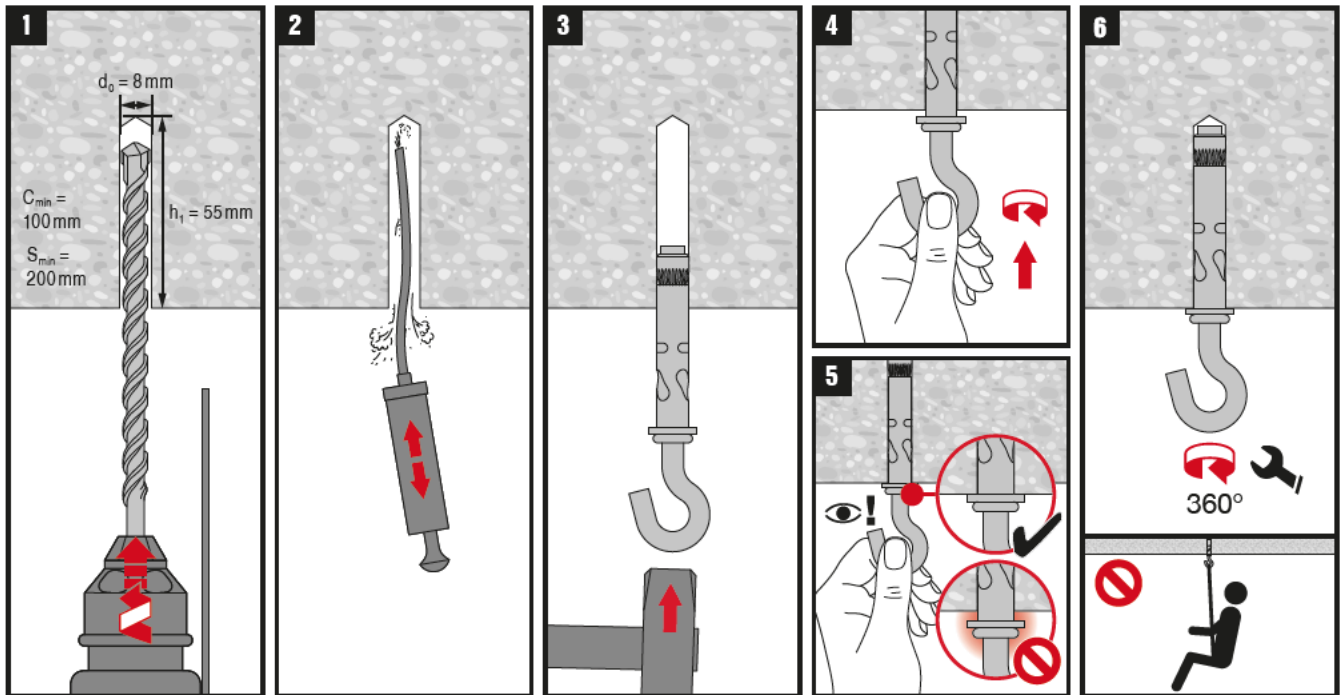
Setting parameters

Anchor size		HA 8 NG
Minimum base material thickness	h_{min} [mm]	100
Minimum spacing	s [mm]	200
Minimum edge distance	c [mm]	100
Minimum edge distance at the corner	c_e [mm]	150



Setting instruction

*For detailed information on installation see instruction for use given with the package of the product.



Attn. : To whom it may concern

Date : 1 Apr 2025
Ref. : 050/AM/SC/25

Subject : Country of Origin- Hilti HA 8 Eyebolt Anchor

Dear Sir / Madam,

Enclosed please find the information of HA 8 Eyebolt Anchor.

Brand Name : Hilti

Model Name : Hilti HA 8 Eyebolt 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 : China

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 Cheung
Head of Product Leadership Strategy



HA 8 Eyebolt Anchor