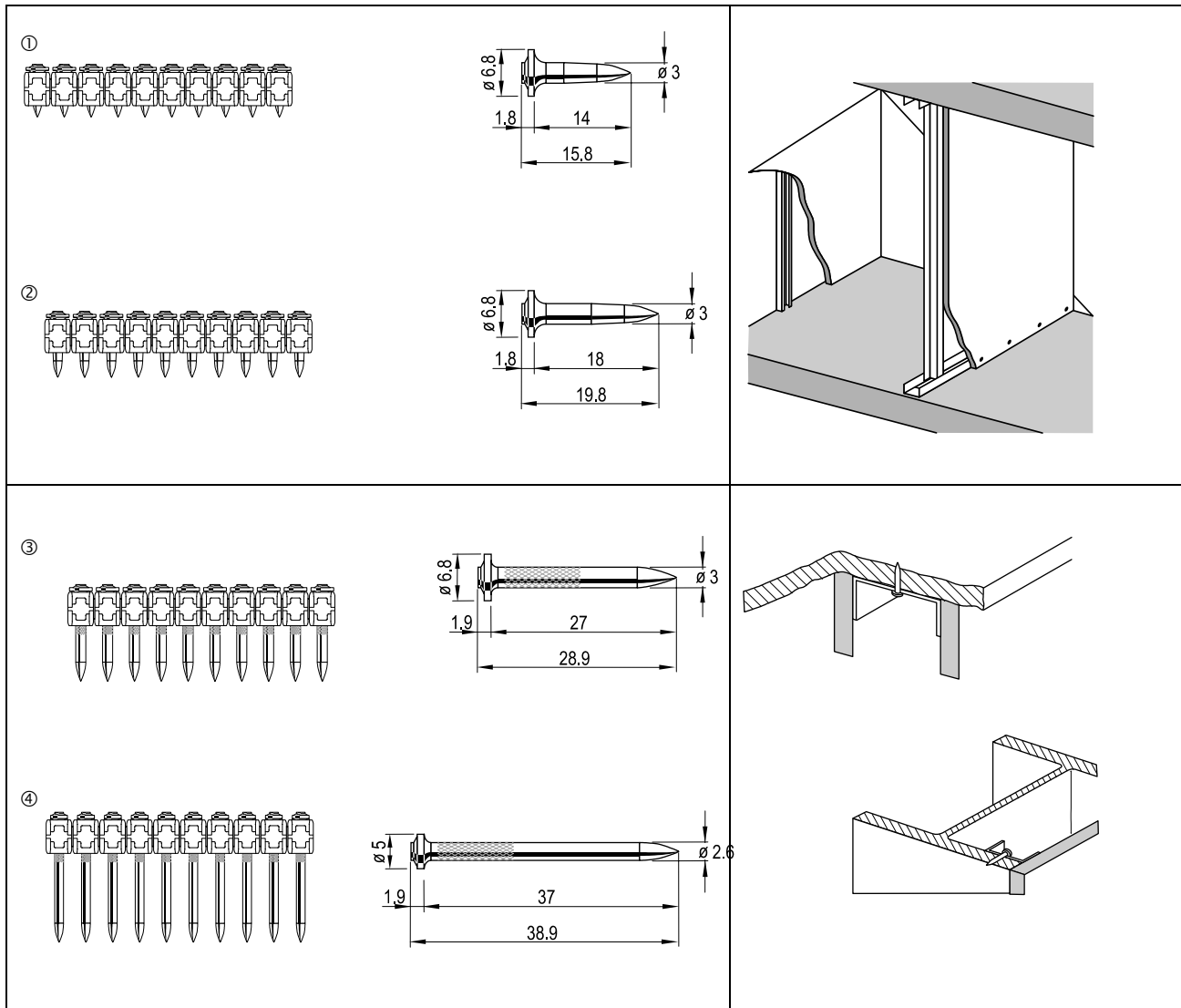


2.26 X- EGN, X-GHP, X-GN Drywall Fasteners



Application Approvals and Governing Design Guidelines

ICBO Technical data (design loads, application restrictions, etc.) presented in these approvals and design guidelines reflect specific local conditions and may differ from those published in this handbook. If the project is in a jurisdiction where the fastening is subject to the approval process or where a design guideline must be used, technical data in the approval or design guideline has precedence over data presented here. Approval copies are available from your Hilti technical advisory service.

Standard Program (Dimensions in mm)

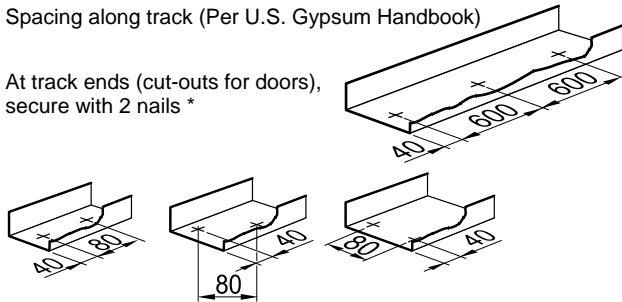
	Designation	Ls	L	d _{nom}	Shank hardness	Coating	DX Tools
1	X-EGN 14 MX	14	15.8	3.0	HRC58 ± 1	Zink 2 – 8 µm	GX 100
2	X-GHP 18 MX	18	19.8				
3	X-GN 20 MX	19	20.8				
	X-GN 27 MX	27	28.8	2.6	HRC53.5 ± 1		
	X-GN 32 MX	32	33.8				
4	X-GN 39 MX	37	38.9				

2.26 X- EGN, X-GHP, X-GN Drywall Fastener

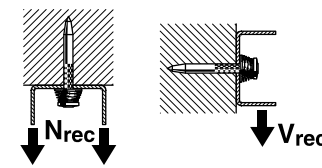
Drywall Track – Fastening Spacing

Spacing along track (Per U.S. Gypsum Handbook)

At track ends (cut-outs for doors), secure with 2 nails *



Drywall Wall Application – Recommended Loads



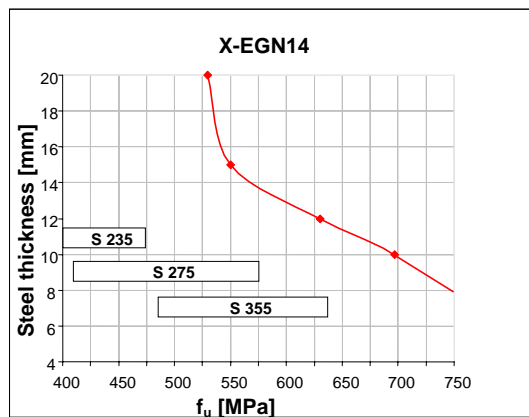
Concrete
 400 N for $h_{nom} \geq 27$ mm
 300 N for $h_{nom} \geq 22$ mm
 200 N for $h_{nom} \geq 18$ mm
 100 N for $h_{nom} \geq 14$ mm
Steel
 400N for steel

Design conditions:

1. Minimum 5 fastenings per fastened unit
3. All visible failures must be replaced.

Drywall Track to Steel – Product Selection and Fastening Inspection

Application limit



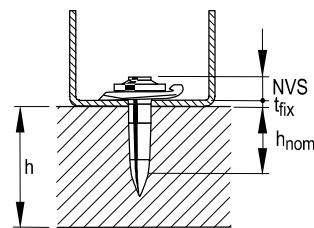
Designation

EGN 14

Application

Metal track

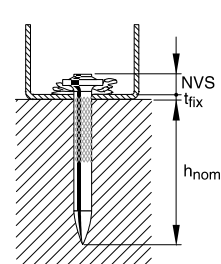
X-EGN 14 : NVS = 4 – 7.5



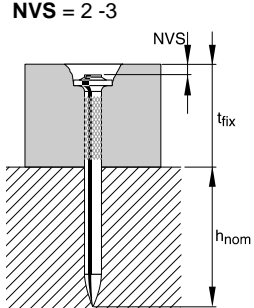
Drywall Wall Track to Concrete/Sandlime Masonry - Product Selection and Fastening Inspection

Designation	Application	Base Material
X-GN 39	Wooden track ($t_{fix} \leq 24$ mm)	Concrete/sandlime masonry
X-GN 27	Metal track	Concrete/sandlime masonry, increasing strength
X-GN 20		
X-GHP		

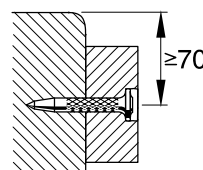
X-GN/GHP NVS = 2 – 5



X-GN 39 NVS = 2 -3



Distance to edge of concrete / sandlime masonry:



Fastener spacings on wood:

