



Interchangeable nose piece for **Extended applications**

Easy nail depth adjustment to adapt for **Various applications**.

NEW

Easy Nail Push Button facilitates the **Quick Nail Loading**.

Removable Stand Supports for **Optimised Fixings**.

Adjustable belt hook to right-and-left handed

Different nails for a **wide range of applications** from which up to 26 nails fit into the standard magazine size or 50 nails into the extended version.

Approval



Powerful rechargeable battery with Lithium-Ion power and **battery-LED status display** for high productivity.

Quick release system ensures a **fast clearance of jammed nails**.



DFN



DFNH

Tool's weight 9 lbs with battery

Applications

Drywall tracks



For fixings even in the narrow areas

Overhead Installations



The FGC 100 has a perfect balance for fixings on ceilings






Insulation systems



The special EWI-nose for the FGC 100 enables fixings of insulation systems

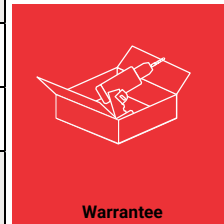
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Direct Fastening Tool

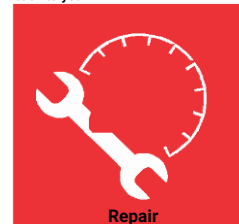
Nail selection					
Substrate	low strength < 6500 psi	high strength ≥ 6500 psi	sand-lime brick	solid brick	steel
Standard nails DFN	lengths 17 – 40 mm	—	lengths 17 – 40 mm	lengths 17 – 40 mm	—
	lengths (5/8 – 1-5/8 Inches)	—	lengths (5/8 – 1-5/8 Inches)	lengths (11/16 – 1-5/8 Inches)	—
• - Very well suited ○ - Partially suited	•	NO	•	•	NO
High performance nails DFNH	lengths 17 – 32 mm	lengths 17 – 32 mm	lengths 17 – 32 mm	—	length 15 mm
	(9/16 – 1-1/4 Inches)	(9/16 – 1-1/4 Inches)	(9/16 – 1-1/4 Inches)	—	5/8 Inches
• - Very well suited ○ - Partially suited	○	•	○	NO	•

2 Years on defective Materials or faulty Workmanship including any repair this will not cover part failure due to normal wear or tool abuse

Immediate loner tool will be provided to the original purchaser until it will be repaired maintained and will be delivered back to you



Warranty



Repair

We guarantee for 5-year availability of spare parts even after production is discontinued

After warranty has expired, the repair price will be at actual and doesn't exceed \$3000



Spares



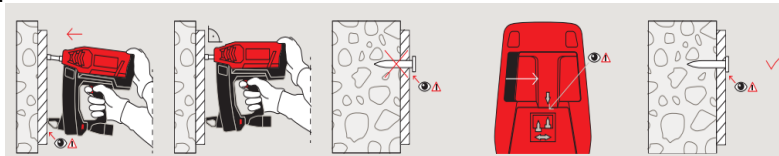
Repair Cost Limit

Advantages

- The **100 joules power** of the fischer gas actuated fastening tool FGC 100 ensures correct penetration.
- An **easy nail depth adjustment** switch allows to choose how to set the nails – flush or fully embedded for various applications.
- The **FGC 100 has a long lifetime** and durability with service intervals after every 20,000 fixings.*
- The **wide range of nails** provides a perfect match for concrete, solid bricks, sand-lime masonry walls and steel.
- The **quick release system** enables a fast **disassembling of the magazine and clearing of jammed nails**.
- Increase in productivity due to the powerful rechargeable battery with Li-Ion power that enables **more than 8,000 fixings with one charge**.*
- With the **battery-LED status**, the remaining battery power and the status of the tool are displayed
- In case of running out of battery, a **10 minutes charge allows you to shoot at least another 300 nails**. To fully charge the battery it takes 90 minutes.*
- The **FGC 100 is delivered** in the practical **XL-BOX**

Functionality

- The fischer gas actuated fastening tool is suitable for a fast and reliable installation of e. g. drywall tracks and electrical connections in all directions – on floors, walls and ceilings.
- For optimum installation, the tool **must be positioned perpendicularly to the working surface**. The attached stand gives support but can also be removed to drive nails in narrow areas.
- The tool will operate within the **temperature range of 19.4°F to 122°F**.
- The dimensions of the tool are **L 13.44 in x W 4.84 in x H 16.16 in**



GAS ACTUATED FASTENING TOOL FGC-100

Quick and easy fastening in Concrete & Steel

fischer 
innovative solutions



FGC 100



Magazine



Battery charger



Battery 7.2 V



Push Bar



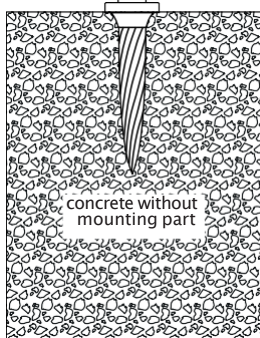
XL-Box



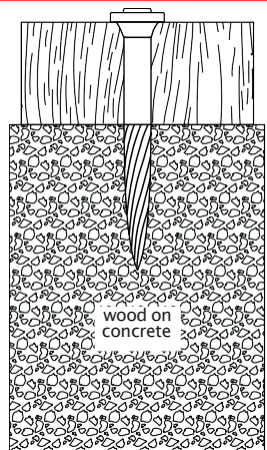
Fuel Cell

ITEM NO. 553586 FOR FGC 100 SET

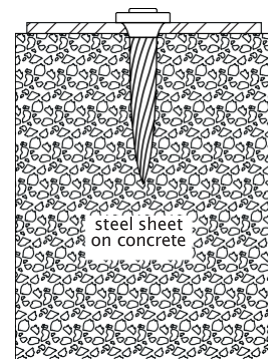
Article description	Box Qty.	Article No.	Technical description
Tool FGC 100	1	553586	100 joules setting energy, 4.1 kg with battery
Magazine FGC 100 – M26	1	553412	Capacity of 26 nails, curved
Battery charger FGC 100 – BC	1	553589	Input 100 – 240 V, Output 8.4 V – 2 A
Li-Ion battery FGC 100 B 7.2V – 2.5Ah	2	553415	> 8,000 fixings per charge
Push bar	1	NA	For the clearance of jammed nails
Hex wrench	2	NA	–
XL-BOX	1	NA	Is fully compatible with the L-BOXX
Fuel Cell- FC 165	1	553416	For more than 1,100 fixings by one can



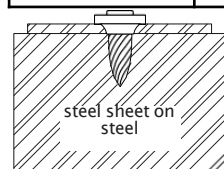
The embedment depth in soft concrete < 6500 psi for highest loads is 7/8 inch and for highest loads in hard concrete > 6500 psi is 3/4 Inch



The embedment depth for highest loads in sand lime brick is 1-5/8 Inch.



The embedment depth for highest loads in standard steel is 3/8 Inch.



The maximum standard steel sheet thickness that can be penetrated and fastened on concrete is 2.5 mm

Variable embedment depths of the fischer direct fastening nails DFN/DFNH in different materials



Standard nails



High performance nails



Magnetic nose piece supplement



EWI plugs



EWI nose



Fuel cell

Article description	Box Quantity	Length	Article No.	Technical description
Standard Nails				
DFN 17	1,008 nails + 1 fuel cell	5/8"	553417	Gvz. with 4µm coating, for soft concrete < 6500 psi, Shaft dia 2.6 mm
DFN 20	1,008 nails + 1 fuel cell	3/4"	553418	Gvz. with 4µm coating, for soft concrete < 6500 psi, Shaft dia 2.6 mm
DFN 22	1,008 nails + 1 fuel cell	7/8"	553419	Gvz. with 4µm coating, for soft concrete < 6500 psi, Shaft dia 2.6 mm
DFN 25	1,008 nails + 1 fuel cell	1"	553420	Gvz. with 4µm coating, for soft concrete < 6500 psi, Shaft dia 2.6 mm
DFN 30	1,008 nails + 1 fuel cell	1-1/8"	553421	Gvz. with 4µm coating, for soft concrete < 6500 psi, Shaft dia 2.6 mm
DFN 32	1,008 nails + 1 fuel cell	1-1/4"	553422	Gvz. with 4µm coating, for soft concrete < 6500 psi, Shaft dia 2.6 mm
DFN 35	1,008 nails + 1 fuel cell	1-3/8"	553423	Gvz. with 4µm coating, for soft concrete < 6500 psi, Shaft dia 2.6 mm
DFN 40	1,008 nails + 1 fuel cell	1-5/8"	553424	Gvz. with 4µm coating, for soft concrete < 6500 psi, Shaft dia 2.6 mm
High Performance Nails				
DFNH 15	1,008 nails + 1 fuel cell	9/16"	553425	Gvz. with 4µm coating, for hard concrete > 6500 psi, Shaft dia 3 mm
DFNH 17	1,008 nails + 1 fuel cell	5/8"	553426	Gvz. with 4µm coating, for hard concrete > 6500 psi, Shaft dia 3 mm
DFNH 22	1,008 nails + 1 fuel cell	7/8"	553427	Gvz. with 4µm coating, for hard concrete > 6500 psi, Shaft dia 3 mm
DFNH 27	1,008 nails + 1 fuel cell	1-1/16"	553428	Gvz. with 4µm coating, for hard concrete > 6500 psi, Shaft dia 3 mm
DFNH 32	1,008 nails + 1 fuel cell	1-1/4"	553429	Gvz. with 4µm coating, for hard concrete > 6500 psi, Shaft dia 3 mm
Magnetic nose piece supplement	2	NA		For the use with metal washers- FGC 100 – N magnetic
Metal washer	1008	NA	554935	It prevents fixture pull-over and is used with the magnetic nose piece supplement to fix wire mesh or membranes.
EWI Plugs- TFD 30	504	1-3/16"	554928	To fix insulation material with a thickness of 30 mm, on soft concrete < C30/37 with DFN 40
EWI Plugs- TFD 30	504	2"	554929	To fix insulation material with a thickness of 50 mm, on soft concrete < C30/37 with DFN 40
EWI NOSE- FGC 100 – N EWI	1	NA	554869	For the use of fischer EWI plugs TFD 30 and TFD 50
Cleaning Kit	1	NA	553718	150 ml Cleaner, 100 ml Lubricating Oil and tool rubber sealing rings

fischer 