

Dealer:

www.fischer-international.com



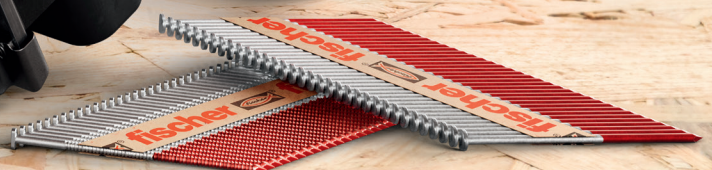
fischer stands for

Fixing Systems
Automotive
fischertechnik
Consulting
Electronic Solutions

fischerwerke GmbH & Co. KG
Klaus-Fischer-Straße 1 · 72178 Waldachtal
Germany
T +49 7443 12 - 0
www.fischer-international.com · info@fischer.de

fischer 

**Gas actuated fastening
tool FGW 90F.
Quick and easy
fastening in wood.**



Quick and easy fastening in wood.



Easy and tool free nail depth adjustment.

High-grip nose for optimized working precision.

High performance gas fuel cell, which operates down to -15°C with more than 1,100 fixings per fuel cell.

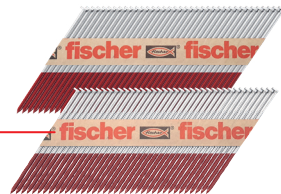


Possibility to use the protective cap to protect the timber surface in visible areas.



Powerful rechargeable battery with Lithium-Ion power and battery-LED status display for high productivity with more than 8,000 fixings per charge.

Adjustable hook for the use as belt or rafter hook.



Wide range of nails (50-90 mm length) in ring and smooth shank for various applications from which up to 60 nails fit into the magazine.

Quick push-load magazine for an easy nail insertion. Suitable for D-headed and full head nails. The safety clip prevents the nails from falling out and ensures safe reinsertion.

Certification



Advantages, functionality and installation.

Advantages at a glance

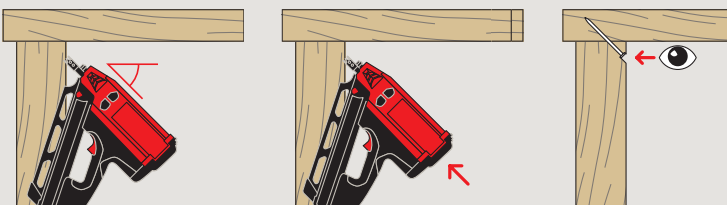
- The 90 joules power of the fischer gas actuated fastening tool FGW 90F ensures correct penetration into the working surface. The cycle rate of up to three fixings per second increases the productivity.
- An easy nail depth adjustment wheel allows to choose how to set the nails – flush or fully embedded for various applications.
- The FGW 90F has a long lifetime and durability with service intervals after every 20,000 fixings.*
- The wide range of nails provides a perfect match for solid wood, laminated timber, plywood as well as chipboard, fiberboard and veneer materials.
- Increase in productivity due to the powerful rechargeable battery with Li-Ion power that enables more than 8,000 fixings with one charge* and is also compatible with the FGC 100.
- With the battery-LED status, the remaining battery power and the status of the tool are displayed. This prevents a standstill at the construction site.
- 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.*
- Adjustable hook for the use as belt or rafter hook to ensure safe storage of the tool when not in use.
- The FGW 90F is delivered as standard in the practical XL-BOXX, which is fully compatible with the L-BOXX.

*under standard conditions

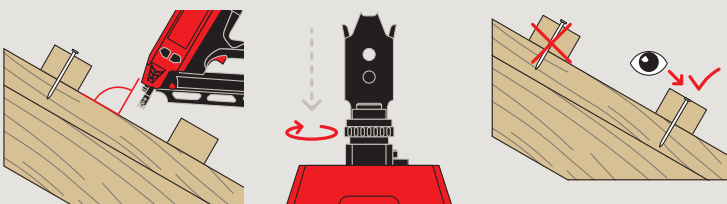
Functionality

- The fischer gas actuated fastening tool is suitable for a fast and reliable installation of e. g. wood framing or roof battens in all directions.
- For optimum installation, the tool must be positioned correctly on the working surface.
- The tool will operate within the temperature range of -7°C to +50°C.
- The tool has a weight of 3.8kg and the following dimensions:
L 390 mm x W 108 mm x H 381 mm.

General installation instruction



Instruction for adjusting the embedment depth



Applications

Timber framing



For the fast and reliable fixing in timber framing

Roof battens



The ability of fixings in fast frequency enables to get the work done quickly

External cladding



Protective cap to protect the timber surface in visible areas e.g. external cladding

Stud work



The FGW 90F has a perfect balance for overhead applications

Fencing



Easy infinitely nail depth adjustment for various applications

Over boarding



The FGW 90F is suitable for panelling of OSB boards

Truss work



High-grip nose for optimized working precision

Flooring



For fixings of boards on floors

Packaging



The FGW 90F is suitable for various applications

Assortment and accessories

fischer Set FGW 90F



XL-BOXX

Article description	Art.-No.	Content description	Content quantity
Set FGW 90F ¹⁾	560040	Detailed content in the next table, XL-BOXX, incl. charging plug for EU	1
	560041	Detailed content in the next table, XL-BOXX, incl. charging plug for UK	1
	560042	Detailed content in the next table, XL-BOXX, incl. charging plug for US	1
	560043	Detailed content in the next table, XL-BOXX, incl. charging plug for AUS	1

1) possibly further variants

The fischer Set FGW 90F includes:



Tool FGW 90F



Battery charger



Li-Ion battery

Article description	Content quantity	Technical description
fischer gas actuated fastening tool FGW 90F	1	90 joules setting energy, 3.8 kg with battery, 34° angle of magazine, Capacity of 60 nails
Protective cap	1	To protect the timber surface in visible areas
Battery charger BC 7.2 V	1	Input 100-240 V, Output 8.4 V – 2 A
Li-Ion battery B 7.2 V	1	> 8,000 fixings per charge – at least 2.5 Ah
Hex wrench	2	–
XL-BOXX	1	XL-BOXX is fully compatible with the L-BOXX

Accessories of the fischer gas actuated fastening tool FGW 90F



Battery charger



Li-Ion battery

Article description		Art.-No.	Sales unit [pcs/pkg]	Technical description
Battery charger ¹⁾	BC 7.2 V	553414 (EU) ²⁾	1	Input 100-240 V, Output 8.4 V – 2 A
	BC 7.2 V	553588 (UK) ²⁾	1	Input 100-240 V, Output 8.4 V – 2 A
	BC 7.2 V	553589 (US) ²⁾	1	Input 100-240 V, Output 8.4 V – 2 A
	BC 7.2 V	553590 (AUS) ²⁾	1	Input 100-240 V, Output 8.4 V – 2 A
Li-Ion battery	B 7.2 V	553415	1	> 8,000 fixings per charge – at least 2.5 Ah

1) possibly further variants

2) country specific charging plug

Assortment and accessories

Assortment for fixings with the fischer gas actuated fastening tool FGW 90F



Fuel cell



Smooth-shank nails



Ring-shank nails



Cleaning kit

Article description	Art.-No.	Length [mm]	Shank diameter [mm]	Technical description	Sales unit [pcs/pkg]
Fuel cell	FC 165	165	–	For more than 1.100 fixings	1
	FC 165x2	165	–	For more than 1.100 fixings	2
Nail and fuel cell package	FF NFP 51x2.8 mm RD bri	51	2.8	Bright nails with ring shank, including 3 fuel cells	3,300
	FF NFP 63x2.8 mm RD bri	63	2.8	Bright nails with ring shank, including 3 fuel cells	3,300
	FF NFP 75x2.8 mm RD bri	75	2.8	Bright nails with ring shank, including 2 fuel cells	2,200
	FF NFP 75x3.1 mm RD bri	75	3.1	Bright nails with ring shank, including 2 fuel cells	2,200
	FF NFP 90x3.1 mm SD bri	90	3.1	Bright nails with smooth shank, including 2 fuel cells	2,200
	FF NFP 51x2.8 mm RD gvz	51	2.8	Gvz nails with ring shank, including 3 fuel cells	3,300
	FF NFP 63x2.8 mm RD gvz	63	2.8	Gvz nails with ring shank, including 3 fuel cells	3,300
	FF NFP 63x3.1 mm RD gvz	63	3.1	Gvz nails with ring shank, including 2 fuel cells	2,200
	FF NFP 75x2.8 mm RD gvz	75	2.8	Gvz nails with ring shank, including 2 fuel cells	2,200
	FF NFP 75x3.1 mm RD gvz	75	3.1	Gvz nails with ring shank, including 2 fuel cells	2,200
	FF NFP 90x3.1 mm RD gvz	90	3.1	Gvz nails with ring shank, including 2 fuel cells	2,200
	FF NFP 90x3.1 mm SD gvz	90	3.1	Gvz nails with smooth shank, including 2 fuel cells	2,200
	FF NFP 51x2.8 mm RD hdg	51	2.8	Hdg nails with ring shank, including 3 fuel cells	3,300
	FF NFP 63x2.8 mm RD hdg	63	2.8	Hdg nails with ring shank, including 3 fuel cells	3,300
	FF NFP 63x3.1 mm RD hdg	63	3.1	Hdg nails with ring shank, including 2 fuel cells	2,200
	FF NFP 75x2.8 mm RD hdg	75	2.8	Hdg nails with ring shank, including 2 fuel cells	2,200
	FF NFP 90x3.1 mm SD hdg	90	3.1	Hdg nails with smooth shank, including 2 fuel cells	2,200
	FF NFP 51x2.8 mm RD R	51	2.8	Stainless steel nails with ring shank, including 1 fuel cell	1,100
	FF NFP 63x2.8 mm RD R	63	2.8	Stainless steel nails with ring shank, including 1 fuel cell	1,100
	FF NFP 63x3.1 mm RD R	63	3.1	Stainless steel nails with ring shank, including 1 fuel cell	1,100
	FF NFP 75x3.1 mm RD R	75	3.1	Stainless steel nails with ring shank, including 1 fuel cell	1,100
	FF NFP 90x3.1 mm SD R	90	3.1	Stainless steel nails with smooth shank, including 1 fuel cell	1,100
Nail package	FF NP 51x2.8 mm RD gvz	51	2.8	Gvz nails with ring shank	3,300
	FF NP 63x2.8 mm RD gvz	63	2.8	Gvz nails with ring shank	3,300
	FF NP 63x3.1 mm RD gvz	63	3.1	Gvz nails with ring shank	2,200
	FF NP 75x2.8 mm RD gvz	75	2.8	Gvz nails with ring shank	2,200
	FF NP 75x3.1 mm RD gvz	75	3.1	Gvz nails with ring shank	2,200
	FF NP 90x3.1 mm RD gvz	90	3.1	Gvz nails with ring shank	2,200
	FF NP 90x3.1 mm SD gvz	90	3.1	Gvz nails with smooth shank	2,200
Cleaning kit	FGC 100 cleaning kit	–	–	150 ml Cleaner, 100 ml Lubricating Oil and tool rubber sealing rings	1

Nail application guide

Nail selection



Smooth-shank nails

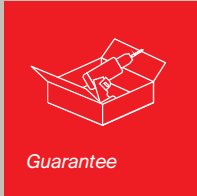
Ring-shank nails

Item	Artikelbezeichnung	Art.-No.	Form work	Packaging	Stud work	Noggins	Joists	Timber Frame	Flooring	Roof Battening	Roof Boarding	Cladding	Decking	Eurocode 5 ¹⁾ Service Class
Bright	FF NFP 51x2.8 mm RD Bri	534693	•	•					•		•			1
	FF NFP 63x2.8 mm RD bri	534694		•					•		•			1
	FF NFP 75x2.8 mm RD bri	534695		•										1
	FF NFP 75x3.1 mm RD bri	534699		•	•	•								1
	FF NFP 90x3.1 mm SD bri	534700		•	•	•								1
Gvz	FF NFP / NP 51x2.8 mm RD gvz	534703 / 558081							•		•			1+2
	FF NFP / NP 63 x 2.8 mm RD gvz	534704 / 558082							•	•	•	•	•	1+2
	FF NFP / NP 63 x 3.1 mm RD gvz	534705 / 558083						•		•	•	•	•	1+2
	FF NFP / NP 75 x 2.8 mm RD gvz	534706 / 558084										•	•	1+2
	FF NFP / NP 75 x 3.1 mm RD gvz	534707 / 558085			•	•	•	•				•	•	1+2
	FF NFP / NP 90 x 3.1 mm RD gvz	534701 / 558079			•		•	•				•	•	1+2
	FF NFP / NP 90 x 3.1 mm SD gvz	534702 / 558080												1+2
Hdg	FF NFP 51 x 2.8 mm RD hdg	558077												3
	FF NFP 63 x 2.8 mm RD hdg	558075								•				3
	FF NFP 63 x 3.1 mm RD hdg	558076								•				3
	FF NFP 75 x 2.8 mm RD hdg	534710								•				3
	FF NFP 90 x 3.1 mm SD hdg	558078				•	•	•						3
Stainless steel	FF NFP 51x2.8 mm RRD R	534713												3
	FF NFP 63x2.8mm RD R	534714										•	•	3
	FF NFP 63x3.1 mm RD R	534779						•		•		•	•	3
	FF NFP 75x3.1 mm RD R	534716										•	•	3
	FF NFP 90x3.1 mm SD R	534717						•				•	•	3

1) DIN EN 1995-1-1 Design of timber structures

All services at a glance.

Guarantee



When you purchase a new tool, you receive 2 years guarantee. If repairs are arising during this period, we will repair or replace your device free of charge.

5 years spare parts availability



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

72 hours repair & return service



Within 72 hours after the fischer Service Center received your tool, it will be repaired maintained and will be delivered back to you.

Repair price limit



After guarantee has expired, the repair price doesn't exceed 50% of the original tool price.

Disposal of old tools



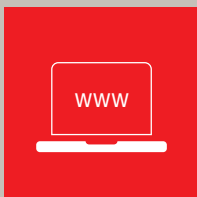
At some point, even the most durable fischer machine has had its day. In this case, please contact your dealer or your fischer contact person for further information regarding the disposal.

Product & application consulting



Our qualified staff will be happy to answer any questions you may have about fischer products.

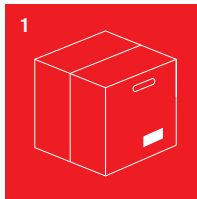
Online Services



At www.fischer-international.com/fgw you will find all information about fischer services for our customers.

Process of the fischer service.

Pack



Remove the fuel cell and nails from your defective tool and put it inside the tool case/stable shipping carton. Attach the hazardous goods number in accordance with UN3481. Defective battery packs should not be shipped.



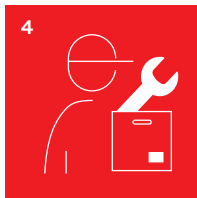
Order return service and documents



Please contact your fischer contact person in order to arrange the return service and for all necessary return documents.



Repair



Fast repair in the fischer Service Center.



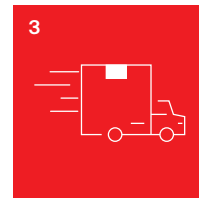
Shipping



Parcel service returns the repaired tool maximum within 72 hours after the fischer Service Center received the tool.



Return shipment



You have three options for the return of your tool:

1. Send the tool to the fischer subsidiary.
2. Hand the tool over to your trade partner.
3. Arrange a pick-up by the fischer subsidiary.

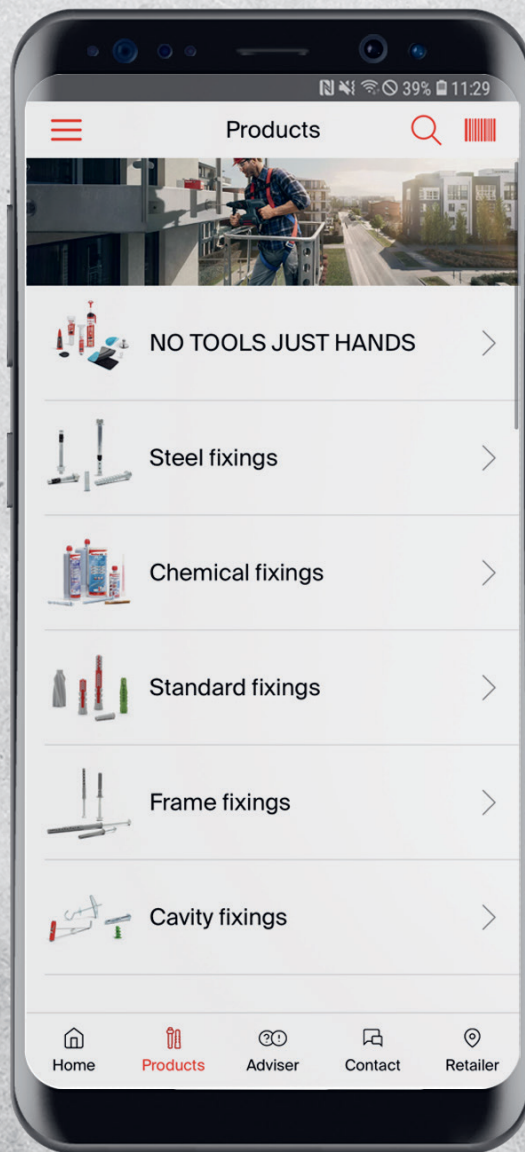
More information about the fischer services:
www.fischer-international.com/en/service/our-support/elektrowerkzeuge-service





fischer PRO. The mobile fixing expert.

www.fischer-international.com



Our 360° service to you.

From software solutions, to training, to personal consulting. As a reliable partner, we are always happy to assist you with words and deeds.



Your advantages:

- Our products range from chemical resin systems to steel anchors through to nylon anchors.
- Competence and innovation through own research, development and production.
- Global presence and active sales service in over 100 countries.
- Qualified technical consulting for economical and compliant fastening solutions. Also on-site at the construction site if requested.
- Training sessions, some with accreditation, at your premises or at the fischer academy.
- Design and construction software for demanding applications.

Design Software fischer FiXperience.

The fischer design Software FiXperience gives you safe and reliable support in measuring your projects whether you are a planer, structural engineer or craftsman. Measuring has never been so simple!



Software and modules for your daily work.

- The modular design program includes engineering software and application modules.
- The software is based on international design standards (EN 1992-4, EC1, EC2, EC3 and EC5), including the national application documents. All common force and measurement units are available.
- Incorrect input will be recognized and the software gives tips to get a correct result. This ensures a safe and reliable design every time.
- The graphical display can easily be rotated through 360°, panned, tilted or zoomed as required.
- The 3D display gives a detailed and realistic image.
- The “live update” feature helps to keep the program up to date ensuring you are always working with the latest version.
- Free download and updates at: www.fischer.de/fixperience-en