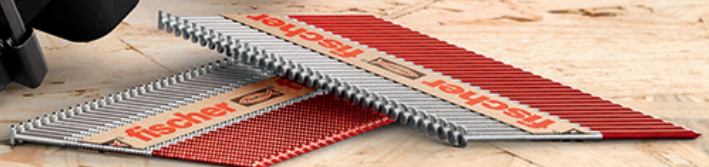




# fischer FGW 90F 1st Fix Framing Nailer

Quick and easy  
fastening in wood



# Quick and easy fastening in wood.



Easy nail depth adjustment, no tool required, for **various applications**.  
Light weight, ergonomic design with **excellent line of sight**.

Light weight, ergonomic design with **excellent line of sight**.

95 Joules power will fire and fully embed 90mm ring shank nails.

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

High-grip nose for **optimised working precision**.

The protective cap can be used to **protect the timber surface** in visible areas.

Adjustable hook for use as a belt or rafter hook.

Powerful, quick charge, rechargeable battery with Lithium-Ion power and LED display. **High productivity with more than 8,000 fixings per charge**.

Wide range of ring and smooth shank nails (50-90mm length) for various applications.  
Max. capacity up to 60 nails.



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

Approval



For more information please scan the QR Code





# Advantages, functionality and installation.

## Advantages at a glance

- The FGW 90F with 95 joules of power ensures correct, full embedment into all timber, even when using a 90mm rink shank nail. The rate of fire of up to 3 fixings per second increases the productivity.
- Easy nail depth adjustment wheel – allows you to choose how to set the nails – flush or fully embedded for various applications.
- The FGW 90F has a long life capacity and durability with service intervals after every 30,000 fixings.\*
- The wide range of nails provides a perfect match for solid wood, laminated timber, plywood as well as chipboard, fiberboard, OSB and veneer materials.
- Increased productivity due to the powerful rechargeable LI-ion battery enables more than 8,000 fixings with one charge and is also compatible with the FGC 100.
- The battery-LED displays the remaining battery power and the status of the tool, preventing a standstill on site.
- In case the battery starts to run out, a 10 minute charge allows you to shoot at least another 300 nails. To fully charge the battery it takes 90 minutes.\*\*
- Adjustable hook for use as belt or a rafter hook to ensure safe storage of the tool when not in use.
- The FGW 90F is delivered in the strong, robust stackable XL-BOXX.

\*following manufacturers cleaning guide

\*\*under standard conditions

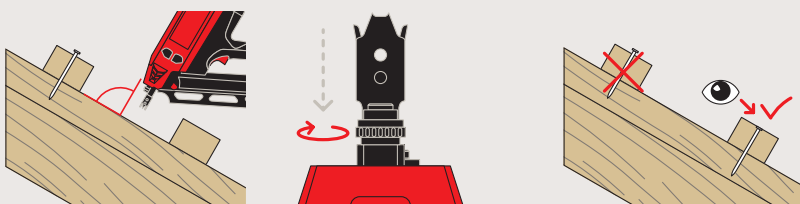
## Function

- The fischer gas actuated fastening tool is suitable for a fast and reliable installation of wood framing or roof battens.
- For optimum installation, the tool must be positioned correctly on the working surface.
- The tool will operate within the temperature range of -15°C to +50°C.
- The tool has a weight of 3.5kg and has 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 fast and reliable fixing in timber framing

## Roof battens



The ability to use fixings in fast frequency enables to get the work done quickly - 3 per second

## External cladding



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

## Stud work



The FGW 90F has perfect balance in overhead fixings

## Fencing



Easy and exact nail depth adjustments for various applications

## Over boarding



The FGW 90F is suitable to cover insulation fills

## Truss work



High-grip nose for optimum precision while working

## Flooring



For fixing boards to floors

## Packaging



The FGW 90F is suitable for numerous applications

# Assortment and accessories

## fischer Set FGW 90F



XL-BOXX

Article description	Art.-No.	Content description	Content quantity
Set FGW 90F	560041 <sup>1)</sup>	Detailed content in the next table, XL-BOXX, incl. charging plug for UK	1

<sup>1)</sup> possibly further variants

## The fischer Set FGW 90F includes:



Tool



Battery charger



Li-Ion battery

Article description	Content quantity	Technical description
fischer gas actuated fastening tool FGW 90F	1	95 joules setting energy, 3.5 kg with battery, 34° angle of magazine, Capacity of 60 nails
No mark tip	1	To protect the timber surface in visible areas
Battery charger BC 7.2V	1	Input 100-240 V, Output 8.4 V – 2 A
Li-Ion battery B 7.2V - 2.5Ah	1	> 8,000 fixings per charge
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 <sup>1)</sup>	BC 7.2V	553588 <sup>2)</sup>	1	Input 100-240 V, Output 8.4 V – 2 A
Li-Ion battery	B 7.2V – 2.5Ah	553415	1	> 8,000 fixings per charge

<sup>1)</sup> possibly further variants<sup>2)</sup> country specific charging plug

# Assortment and accessories

## Nail fuel packs & accessories for the fischer FGW 90F



Fuel cell

Nails

			length	Shank diameter	Technical description	Sales unit
Article description		Art.-No.	[mm]	[mm]		[pcs/pkg]
Fuel cell	FC Blister Card 165 x2	538211	165	–	For more than 1,100 fixings	2
Nail and fuel cell package	FF NFP 51x2.8mm Ring Bright	534693	51	2.8	Bright nails with ring shank, including 3 fuel cells	3,300
	FF NFP 63x2.8mm Ring Bright	534694	63	2.8	Bright nails with ring shank, including 3 fuel cells	3,300
	FF NFP 75x2.8mm Ring Bright	534695	75	2.8	Bright nails with ring shank, including 2 fuel cells	2,200
	FF NFP 75x3.1mm Ring Bright	534699	75	3.1	Bright nails with ring shank, including 2 fuel cells	2,200
	FF NFP 90x3.1mm Smooth Bright	534700	90	3.1	Bright nails with smooth shank, including 3 fuel cells	3,300
	FF NFP 51x2.8mm Ring Galv	534703	51	2.8	Gvz nails with ring shank, including 3 fuel cells	3,300
	FF NFP 63x2.8mm Ring Galv	534704	63	2.8	Gvz nails with ring shank, including 3 fuel cells	3,300
	FF NFP 63x3.1mm Ring Galv	534705	63	3.1	Gvz nails with ring shank, including 2 fuel cells	2,200
	FF NFP 75x2.8mm Ring Galv	534706	75	2.8	Gvz nails with ring shank, including 2 fuel cells	2,200
	FF NFP 75x3.1mm Ring Galv	534707	75	3.1	Gvz nails with ring shank, including 2 fuel cells	2,200
	FF NFP 90x3.1mm Ring Galv	534701	90	3.1	Gvz nails with ring shank, including 2 fuel cells	2,200
	FF NFP 90x3.1mm Smooth Galv	534702	90	3.1	Gvz nails with smooth shank, including 2 fuel cells	2,200
	FF NFP 51x2.8mm Ring HDG	558077	51	2.8	Hdg nails with ring shank, including 3 fuel cells	3,300
	FF NFP 63x2.8mm Ring HDG	558075	63	2.8	Hdg nails with ring shank, including 3 fuel cells	3,300
	FF NFP 63x3.1mm Ring HDG	558076	63	3.1	Hdg nails with ring shank, including 2 fuel cells	2,200
	FF NFP 75x2.8mm Ring HDG	534710	75	2.8	Hdg nails with ring shank, including 2 fuel cells	2,200
	FF NFP 90x3.1mm Smooth HDG	558078	90	3.1	Hdg nails with smooth shank, including 2 fuel cells	2,200
	FF NFP 51x2.8mm Ring SS304	534713	51	2.8	Stainless steel nails (304/ 1.4301) with ring shank, including 1 fuel cell	1,100
	FF NFP 63x2.8mm Ring SS304	534714	63	2.8	Stainless steel nails (304/ 1.4301) with ring shank, including 1 fuel cell	1,100
	FF NFP 63x3.1mm Ring SS304	534779	63	3.1	Stainless steel nails (304/ 1.4301) with ring shank, including 1 fuel cell	1,100
	FF NFP 75x3.1mm Ring SS304	534716	75	3.1	Stainless steel nails (304/ 1.4301) with ring shank, including 1 fuel cell	1,100
	FF NFP 90x3.1mm Smooth SS304	534717	90	3.1	Stainless steel nails (304/ 1.4301) with smooth shank, including 1 fuel cell	1,100
Nail only package	FF NP 51x2.8mm Ring Galv	558081	51	2.8	Gvz nails with ring shank	3,300
	FF NP 63x2.8mm Ring Galv	558082	63	2.8	Gvz nails with ring shank	3,300
	FF NP 63x3.1mm Ring Galv	558083	63	3.1	Gvz nails with ring shank	2,200
	FF NP 75x2.8mm Ring Galv	558084	75	2.8	Gvz nails with ring shank	2,200
	FF NP 75x3.1mm Ring Galv	558085	75	3.1	Gvz nails with ring shank	2,200
	FF NP 90x3.1mm Ring Galv	558079	90	3.1	Gvz nails with ring shank	2,200
	FF NP 90x3.1mm Smooth Galv	558080	90	3.1	Gvz nails with smooth shank	2,200
Cleaning kit	FGW / FGC 100 cleaning kit	553718	–	–	150 ml Cleaner, 100 ml Lubricating Oil and tool rubber sealing rings	1

# Nail application guide

## Nail selection

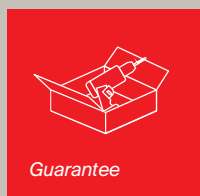


### Nails

Item	Art.-No.	Form work	Packaging	Stud work	Noggins	Joists	Timber Frame	Flooring	Roof Battening	Boarding	Roof Boarding	Cladding	Decking	EC5 Service Class
<b>Bright</b>														
FF NFP 51x2.8mm Ring Bright	534693													1
FF NFP 63x2.8mm Ring Bright	534694													1
FF NFP 75x2.8mm Ring Bright	534695													1
FF NFP 75x3.1mm Ring Bright	534699													1
FF NFP 90x3.1mm Smooth Bright	534700													1
<b>Galv</b>														
FF NFP 51x2.8mm Ring Galv	534703													1+2
FF NFP 63x2.8mm Ring Galv	534704													1+2
FF NFP 63x3.1mm Ring Galv	534705													1+2
FF NFP 75x2.8mm Ring Galv	534706													1+2
FF NFP 75x3.1mm Ring Galv	534707													1+2
FF NFP 90x3.1mm Ring Galv	534701													1+2
FF NFP 90x3.1mm Smooth Galv	534702													1+2
<b>HDG</b>														
FF NFP 51x2.8mm Ring HDG	558077													3
FF NFP 63x2.8mm Ring HDG	558075													3
FF NFP 63x3.1mm Ring HDG	558076													3
FF NFP 75x2.8mm Ring HDG	534710													3
FF NFP 90x3.1mm Smooth HDG	558078													3
<b>Stainless steel 304</b>														
FF NFP 51x2.8mm Ring SS304	534713													3
FF NFP 63x2.8mm Ring SS304	534714													3
FF NFP 63x3.1mm Ring SS304	534779													3
FF NFP 75x3.1mm Ring SS304	534716													3
FF NFP 90x3.1mm Smooth SS304	534717													3

# All services at a glance.

## Guarantee



When you purchase a new tool, you receive a 2 year guarantee. If repairs arise during this period, we will repair or replace your device free of charge\*

## 5 years spare parts availability



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

## 72 hours repair & return service



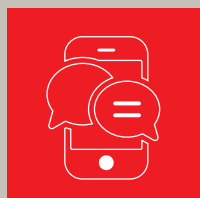
Within 72 hours after the fischer Service Center receives your tool, it will be repaired, maintained and be delivered back to you.

## Repair price limit



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

## Product & application consulting



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

## Online Services



To find out more information about the wide range of services fischer have to offer please go to [www.fischer.co.uk](http://www.fischer.co.uk) or scan the QR code below to locate the repair form.

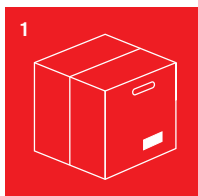


\* If in the unlikely event this should occur, due to a manufacturing error.



# Process of the fischer service.

## Pack



Remove the fuel cell and nails from your defective tool and put it inside the tool case or suitable shipping carton. Return this to the distributor you purchased it from.  
**Note: Defective battery packs should not be shipped.**



## Order return service and documents



Arrange a return with your distributor and sign the returns transfer forms.



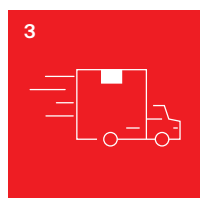
## Repair



Fast repair in the fischer Service Center.



## Return shipment



fischer will return your tool by arranging for it to be delivered to a fischer distributor.



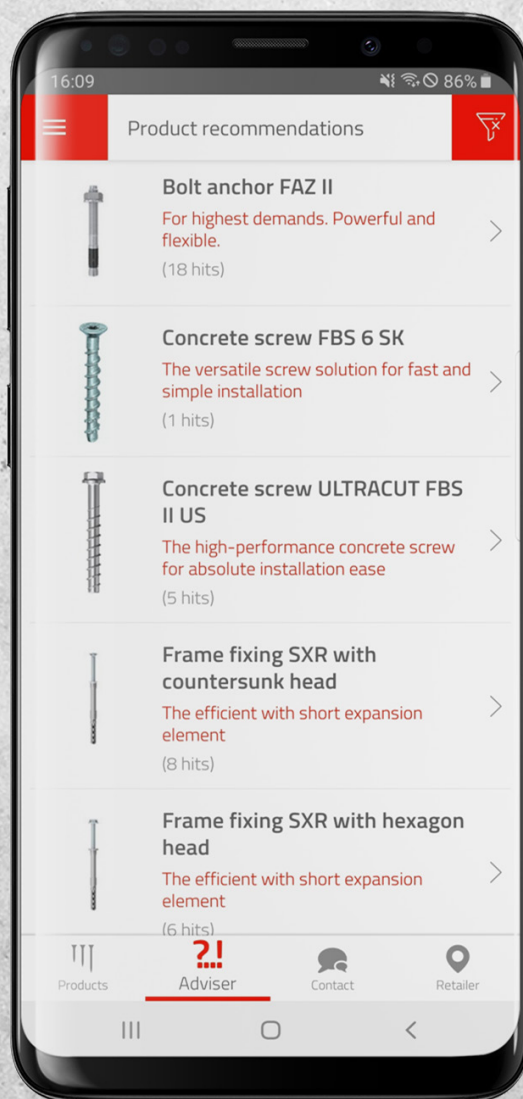
## Shipping



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

# fischer Professional.

## The app for fixing professionals





# Our all-round service for you.

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



## Your advantages:

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

## myfischer

The fischer design Software FIXPERIENCE gives you safe and reliable support in measuring your projects. 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 (ETAG 001, EC1, EC2, EC3 and EC5), including the national application documents. All common force and measurement units are available.
- Incorrect input will be recognised 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.co.uk/en-gb/service/design-software-fixperience](http://www.fischer.co.uk/en-gb/service/design-software-fixperience)

Dealer:

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[linkedin.com/in/fischer-fixings-uk-ltd-85315438](https://www.linkedin.com/in/fischer-fixings-uk-ltd-85315438)

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