

Spitfire P370 Powder Actuated Disc Cartridge Tool

Fully automatic Spitfire P370, the professional's choice for shot fired fixings into steel, concrete and masonry.



Fixing drywall track

Eurocode & Description

- | | |
|---|---------------------|
| • Eurocode: 011071 Spitfire P370 with Magazine (Includes Single Shot Adaptor) | Box Qty 1 |
| • Eurocode: 011070 Spitfire P370 Single Shot | Box Qty 1 |

Technical Specification

Magazine = (M) Single Shot = (S)

| | |
|-----------------------------|--|
| Weight: | 2.8kg (M) 2.7kg (S) |
| Length: | 455mm (M) 440mm (S) |
| Pin Capacity: | 10 pins - 1 strip (M) 1 pin (S) |
| Impact Force: | 350 J |
| Actuation Pressure: | 17kg |
| Overdrive: | 36mm (M) 16mm (S) |
| Cycle Rate: | 1 pin / 2 secs (M) 1 pin / 1 sec (S) |
| Rubber spring life: | Up to 5,000 shots (M) Up to 3,000 shots (S) |
| Fastener length: | 15 - 90mm* 15 - 90mm collated |
| Electro galvanising: | 7 -15 microns** |

* Pins over 70mm require pre-hammering or adapter kit.
** High grade steel

Substrates

- Concrete
- Steel
- Masonry



Spitfire P370 with Magazine



Spitfire P370 Single Shot



APPROVAL
N° 001137



BS 4078 - Part 2
N° KM05325



Kit Contains:

011071 - Spitfire P370 with Magazine, single shot adaptor, high impact lightweight carry case, safety goggles to EN166:B, cleaning cloth, cleaning brushes, lubricating oil, push rod, stabiliser and instruction manual.

011070 - Spitfire P370 with single shot adaptor, high impact lightweight carry case, safety goggles to EN166:B, cleaning cloth, cleaning brushes, lubricating oil, push rod, stabiliser and instruction manual.

Product Advantages

- **Automatic piston return** - High install rate with low user fatigue
- **Magazine or single shot tool** - Automatic firing of up to 10 pins using the magazine
- **Disc system** - All-metal cartridges eliminate warping at high temperatures. Sequential disc system means less load wastage
- **Power adjustment** - Versatile: one pin and one load can be adapted to fix into different base materials
- **Sequential shot** - Contact pressure of 17kg needs to be applied to activate safety trigger
- **Ergonomic rear handle & soft grip** - Makes fixing a one handed operation.
- **Window** - User can see if a disc is loaded in the tool
- **Energy absorbing damper** - Absorbs vibration and reduces recoil during firing
- **Reload identification marker** - Informs the user when to reload
- **Adjustable magazine** - 4 adjustable positions give greater flexibility when working in confined spaces
- **Easy maintenance** - The fastest powder tool to dismantle, clean and re-assemble allowing on site maintenance and reduced down time
- **Universal piston** - No need to change the piston for different base materials
- **BSI and CPI accredited** - Quality tool meets UK / International regulations and carries accreditation giving the user piece of mind on site

Features:



Applications

- Insulation panels (adaptor kit required)
- Composite decking to steel
- Kicker plates
- Timber sole plates
- Fire protection brackets
- Brick ties
- Dry lining track
- Sheeting
- Steel mesh
- Formwork spacers
- Metal lathing
- Waterproofing / drainage
- Grid flooring (adaptor kit required)

Spit Cartridges

Spit offers a range of calibrated cartridges to meet specific needs. A wide range of cartridge strengths available allows successful fixings to a variety of base materials. Pins are driven into the substrate by a piston using an explosive cartridge. Always use the lowest level of power to achieve an acceptable fix.

Loading:

1. Choose the pin length
2. Choose lowest cartridge power
3. Mechanically adjust tool power



| Cartridges | STANDARD USE | | | |
|------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| | Brown | Green | Yellow | Red |
| | | | | |
| Eurocode: | 031740 | 031600 | 031700 | 011658 |
| Strength: | Very Low | Low | Medium | High |
| Calibre: | 6.3/10 (10 loads in disc) | 6.3/10 (10 loads in disc) | 6.3/10 (10 loads in disc) | 6.3/10 (10 loads in disc) |

Box Quantity: 100

Accessories:

| Eurocode | Description | Qty |
|----------|-----------------------------|-----|
| 010536 | P370 Magazine | 1 |
| 010984 | P370 Piston Assembly | 1 |
| 010970 | P370 Pin Guide Assembly | 1 |
| 011032 | P370 Spring Kit | 1 |
| 011030 | Insulation Adaptor Kit* | 1 |
| 011033 | Steel Grid Adaptor Kit* | 1 |
| 011035 | 90mm Adaptor Kit | 1 |
| 999600 | Safety Goggles (to EN166:B) | 1 |
| 310080 | Spit Oil Spray | 1 |
| 074000 | Maintenance Kit | 1 |

* Special pin required. Please refer to page 89 - 90 and call the Technical Helpline for more details.

Spitfire P370 Consumables

Pin Selection Guide:

| | 5 mm | 10 mm | 15 mm | 20 mm | 30 mm | 40 mm | 50 mm | 60 mm | 65 mm | | | |
|---|------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------------------|--------------------|------------------|------------------|-----------------|-----------------|
| Soft steel <small>Ultimate strength: 350 N/mm²</small> | SC9 15 | SC9 15-20 | SC9 20-25 | SC9 25 | SC9 30 | SC9 40 | SC9 50 | SC9 60 | SC9 70 | | | |
| Hard steel <small>Ultimate strength: 500 N/mm²</small> | SC9 15 | SC9 15 | SC9 20 | SC9 25 | SC9 30 | SC9 40 | SC9 50 | SC9 60 | SC9 70 | | | |
| Concrete | C20/25 | C9 30 | C9 30 | C9 35 | C9 40 | C9 50 | C9 55-60 | C9 70 | C9 80 | C9 90 | C9 90 | |
| | C25/30 | C9 25-30 | C9 30 | C9 35 | C9 40 | C9 50 | C9 55 | C9 60-70 | C9 70 | C9 90 | C9 90 | |
| | C30/37 | C9 20-25 | C9 25-30 | C9 30-35 | C9 35-40 | C9 40 | C9 50-55 | C9 60 | C9 70 | C9 80 | C9 80 | |
| | C40/50 | C9 20 | SC9 15-20 | SC9 20 | SC9 25-30 | SC9 30-35 | SC9 40 | SC9 50 | SC9 60 | SC9 70 | C9 80 | C9 80 |
| | C50/60 | SC9 15 | SC9 20 | SC9 25-30 | SC9 30 | SC9 35-40 | SC9 50 | SC9 60 | SC9 70 | | | |

Steel:
thickness mini. = 5 mm
recommended static load = 200 kg maxi.

Concrete:
recommended static load = 50 kg maxi.
(C20/25)

C9 Collated Pins - Concrete Substrates



Collated pins for concrete applications.
Use Spitfire P370 with Magazine (011071) ONLY.

| Eurocode | Description | Length | Box Qty |
|----------|-------------|--------|---------|
| 011330 | C9 20C | 20mm | 500 |
| 011331 | C9 25C | 25mm | 500 |
| 011332 | C9 30C | 30mm | 500 |
| 011333 | C9 35C | 35mm | 500 |
| 011334 | C9 40C | 40mm | 300 |
| 011335 | C9 50C | 50mm | 300 |
| 011337 | C9 55C | 55mm | 300 |
| 011336 | C9 60C | 60mm | 300 |

Box includes 1 x spare rubber spring.

SC9 Collated Pins - Steel and Concrete Substrates



Collated pins for steel and concrete applications.
Use Spitfire P370 with Magazine (011071) ONLY.

| Eurocode | Description | Length | Box Qty |
|----------|-------------|--------|---------|
| 011340 | SC9 15C | 15mm | 500 |
| 011341 | SC9 20C | 20mm | 500 |
| 011342 | SC9 25C | 25mm | 500 |
| 011343 | SC9 30C | 30mm | 500 |
| 011344 | SC9 35C | 35mm | 500 |
| 011345 | SC9 40C | 40mm | 300 |
| 011346 | SC9 50C | 50mm | 300 |
| 011347 | SC9 60C | 60mm | 300 |

Box includes 1 x spare rubber spring.

C9 Single Shot Pins - Concrete Substrates



Single shot pins for concrete applications.

| Eurocode | Description | Length | Box Qty |
|----------|-------------|--------|---------|
| 032520 | C9 25 | 25mm | 100 |
| 032530 | C9 30 | 30mm | 100 |
| 032540 | C9 35 | 35mm | 100 |
| 032550 | C9 40 | 40mm | 100 |
| 032560 | C9 50 | 50mm | 100 |
| 032570 | C9 60 | 60mm | 100 |
| 032580 | C9 70* | 70mm | 100 |
| 032590 | C9 80* | 80mm | 100 |
| 032600 | C9 90* | 90mm | 100 |

* Pins over 70mm require pre-hammering or 90mm adaptor kit. Refer to page 90.

SC9 Single Shot Pins - Steel and Concrete Substrates



Single shot pins for steel and concrete applications.

| Eurocode | Description | Length | Box Qty |
|----------|-------------|--------|---------|
| 032500 | SC9 15 | 15mm | 100 |
| 032510 | SC9 20 | 20mm | 100 |
| 032950 | SC9 25 | 25mm | 100 |
| 032930 | SC9 30 | 30mm | 100 |
| 032940 | SC9 35 | 35mm | 100 |
| 032920 | SC9 40 | 40mm | 100 |
| 032910 | SC9 50 | 50mm | 100 |
| 032900 | SC9 60 | 60mm | 100 |
| 032890 | SC9 70 | 70mm | 100 |