BOSTITCH®

Carton Closing | Packaging
Tools & Fasteners

World class **technology** and **expertise** in
carton closing
& packaging

Since 1896, Bostitch has been designing and manufacturing tools and fasteners for a wide variety of applications and industries.

With over 500 million fasteners made every day, Bostitch is one of the largest manufacturers of nailing & stapling tools and fasteners in the world.

We are committed to delivering a dedicated range for carton closing and packaging environments and to achieve this, we make sure that we listen to our customers' commercial needs.

To make sure our tools match our reputation, we go to extremes to ensure that every tool bearing our name is more than capable of providing years of safe, reliable and trouble free service.

The reassurance of global leadership

BOSTITCH is part of the **Stanley Black & Decker** organisation, the global leader in tool manufacture across a wide range of industries.

No company on earth has a stronger or more compelling history of delivering the hardworking, innovative, powerful tools that help professionals around the world keep working.

- **$11 billion value on worldwide markets**
- **Global recognition with an outstanding portfolio of global brands**
- **Recognised as among the top 10 global innovators**
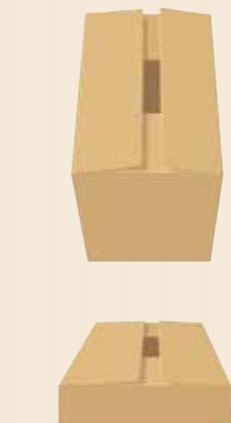- **No.1 for worldwide tool manufacture with oustanding quality control**

CONTENTS

STAPLES - THE SOLUTION FOR YOUR BUSINESS

Whilst there are many different ways of sealing cartons, using staples offers some significant advantages over other methods.

As well as being incredibly quick and easy to use, staples are environmentally friendly and 100% recyclable and do not hide important carton graphics. Their resistance to both heat and humidity also provides an extremely secure seal, protecting the contents throughout the supply chain. Stapling can also be a more cost effective method over other options such as self adhesive tape.

Choose from **cordless, manual or pneumatic** tools...

TOOLS - TO SUIT **YOUR** WORKFLOW

Depending on the size of your operation and whether you need portability you can select from cordless, manual or pneumatic packaging tools as well those that use strips of staples or those collated on a roll. Our range also includes models incorporating features such as hanging ports for heavier tools, resulting in less stress and strain for operators - all important for maximum productivity.

See overleaf to help you select the right tools and staples for your business.

Getting the right tool and fastener

Bostitch Top Sealing tools are designed to offer dependable performance in light, medium or high volume packaging environments.

The range includes portable cordless and manual tools as well as pneumatically operated tools for higher volumes

M Manual Tool

Li-Ion Cordless Tool

AIR Pneumatic Tool

To help choose the right tool and fastener combination to satisfy your requirements, follow the selection process below.

1. What volumes do you do and how portable does the tool need to be?

LOW	MEDIUM	HIGH
M **Li-Ion**	**Li-Ion** **AIR**	**AIR**

2. Choose the staple format best suited to your working environment

STICK	STICK	ROLL

STICK OR ROLL FORMAT STAPLES?

STICK   **ROLL**

STICK format staples are collated into sticks and tools can be loaded with up to two sticks at a time. Suitable for low and medium volumes.

**ROLL** format staples are collated rolls of up to 5000, therefore containing many times more staples per roll than is found on a **STICK**. Tools using **ROLL** format staples will need fewer reloads, making these more appropriate for continuous production line carton closing. However, tools using **ROLL** staples tend to be heavier when loaded - it is advisable to specify these tools with suspension wires to minimise operator fatigue.

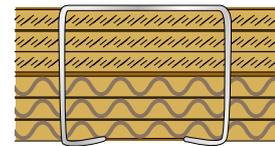**3.** What board thickness is the carton?

Single Wall

Double Wall
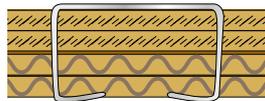
Triple Wall

4. Choose the right staple for the task

STAPLE TYPES

There are 3 important measurements on a carton closing staple - **Crown**, **Leg** and **Wire dimension**. The holding power of a clinched staple is dependent on all these measurements. For convenience, Bostitch carton closing staples are divided into families and are represented by a symbol to make identification easy.

C

Wire dimension
0.9 mm x 1.9 mm

32mm **Crown**

19mm **Leg** Length
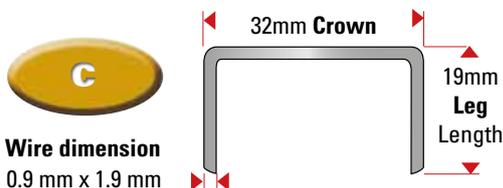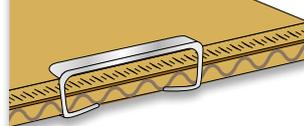
Standard Clinch   **Blind Clinch**
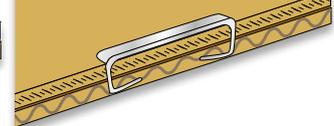
CLINCH TYPES

In most top sealing applications, a **standard clinch** - where the staple passes through both materials and is clinched at the surface - is required.

However, in some instances, a **blind clinch** is preferred. In a blind clinch, a shorter staple is used and is clinched **before** it fully penetrates the second layer as shown above.

5. Choose the right tool and fastener combination
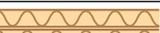
> **i** **Remember!** The wider the crown and the thicker wire, the more secure the fastening will be.

Stick Format Tools

Cordless		N/A	DSA-3519-U	DSA-3522-U	N/A	N/A	N/A
Manual		MS-3219-E	MS-3519-E	MS-3522-E	MS-SW19-E	MS-SW22-E	N/A
Pneumatic		DS-3219-E	DS-3519-E	DS-3522-E	DS-SW19-E	DS-SW22-E	D31AD-E
Staple Family		32mm Crown **C** 0.9mm x 1.9mm	35mm Crown **A** 0.8mm x 2.25mm		35mm Crown **SW7437** 0.95mm x 1.93mm OR	35mm Crown **SW9040** 0.95 mm x 2.28mm	32mm Crown **SW9060** 1.52mm x 2.28mm
Board Type / Staple Length	Single Wall	15-19mm	15-19mm		15-19mm		
	Double Wall	19mm	19mm	19-22mm	19mm	19-22mm	
	Triple Wall						25-38mm*

*Comes pre-fitted with clinchers for 38mm staples. Please ask for details.

Roll Format Tools

Pneumatic		D62ADC-E	RAB-19-E	RAB-22-E
Staple Family		35mm Crown **SWC7437** 0.94mm x 1.88mm	35mm Crown **AR** 0.9 mm x 2.25mm	
Board Type / Staple Length	Single Wall	15-19mm	15-19mm	
	Double Wall	19mm	19mm	19-22mm

> **i** The **Bostitch** range of staples offers secure and reliable fastening, time and after time.
>
> Many of the staples in the range are **fully compatable** with other tools in the market. For more information, please contact **Customer Services**.

Cordless Top Sealer DSA Series

The battery powered **DSA-3519-E** and **DSA-3522-E** gives users true portability and includes a range of features to deliver superb performance in any location.

The tool comes complete with 2 Lithium-Ion batteries driving up to 800 staples per charge, so whether on a packaging line or out on the road you can keep working all day long.

Board type			Model	Staple Type
Single wall	Double wall	Triple wall		
✔	✔	-	DSA-3519-U	**A**
-	✔	-	DSA-3522-U	

Tool features:

2x Li-Ion batteries with fast 45 min recharge time and up to 800 staples per charge

Smooth base plate for faster stapling

Quick staple length change when working on different cartons

Secondary safety handle for safe operation

Mounting lug- for wire support, reduces user fatigue

Manual Top Sealer MS-Series

Fitted with a comfortable to use top grip and made from rugged aluminium, these manually operated tools are ideal for lower volumes of top sealing for single and double wall cartons.

Tool features:

Manual tool- no air supply required & highly portable

Board type				
Single wall	Double wall	Triple wall	Model	Staple Type
✔	✔	-	MS-3219-E	C
✔	✔	-	MS-3519-E	A
-	✔	-	MS-3522-E	A
✔	✔	-	MS-SW19-E	SW9040 or
-	✔	-	MS-SW22-E	SW7437

Pneumatic Top Sealer DS-Series

Built for larger volumes, these tools are pneumatically operated, providing a consistent clinch with minimal effort.

Ideal for despatch lines, they provide consistent top sealing time after time.

Tool features:

Pneumatic tool- reduces fatigue in busy packing environments

Hand pad- comfortable housing cover

Mounting lug- for wire support, reduces user fatigue

Rear exhaust- directs air away from the operator

Board type				
Single wall	Double wall	Triple wall	Model	Staple Type
✔	✔	-	DS-3219-E	C
✔	✔	-	DS-3519-E	A
-	✔	-	DS-3522-E	A
✔	✔	-	DS-SW19-E	SW9040 or
-	✔	-	DS-SW22-E	SW7437

Pneumatic Heavy Duty Top Sealer D31AD-E

The pneumatically driven **D31AD-E** is the largest tool in our top sealing range.

It is extremely powerful and makes light work of clinching triple wall cartons or materials with a combined thickness of up to 22mm.

Board type			Model	Staple Type
Single wall	Double wall	Triple wall		
-	-	✔	D31AD-E	SW9060

Tool features:

Pneumatic tool- reduces fatigue in busy packing environments

Mounting lug- for wire support, reduces user fatigue

Rear exhaust- directs air away from the operator

Pneumatic Top Sealer RAB-Series

Ideal for busy production environments, both the **RAB Series** and the **D62ADC-E** pneumatic tools use staples collated on rolls for minimal reloading and also feature comfortable hand pads and mounting lugs. They're the popular choice of operators working on busy packing lines.

Tool features:

Pneumatic tool- reduces fatigue in busy packing environments

Hand pad- comfortable housing cover

Mounting lug- for wire support, reduces user fatigue

Rear exhaust- directs air away from the operator

Board type		Model	Staple Type
Single wall	Double wall		
✔	✔	RAB-19-E	AR
-	✔	RAB-22-E	

Uses rolls of 1000 staples

Pneumatic Top Sealer D62ADC-E

Built for larger volumes and heavy applications where a wider wire gauge is needed, these tools are the largest 'roll' tools in the range.

Tool features:

Pneumatic tool- reduces fatigue in busy packing environments

Hand pad- comfortable housing cover

Mounting lug- for wire support, reduces user fatigue

Rear exhaust- directs air away from the operator

Board type		Model	Staple Type
Single wall	Double wall		
✔	✔	D62ADC-E	SWC7437

Uses rolls of 1000 staples

Foot Bottomers

Fast, efficient bottom sealing

Designed for stapling the bottom of cartons by using a fixed anvil post, these foot-operated tools are a vital part of a productive packing line. They can be used to seal the bottom of single or double-walled cartons quickly and easily.

Tool features:

M **Manual tool-** no power supply required

	Stick Format Tools
Model	**FSSW**

Staple Family	SW7437 35mm 0,95mm x 1,93mm	OR	SW9040 35mm 0,95 mm x 2,28mm

Board Type / Staple Length		SW7437	SW9040
	Single Wall	15-19mm	15-19mm
	Double Wall	15-22mm	15-22mm

A solution for every situation

As well as carton closing, the Bostitch range includes tools and fasteners designed for both general and specialised packaging applications, including sealing header cards, postal tubes, bags and wrapping.

Based on volumes and/or application the range includes both pneumatic and manual tools to meet the needs of all sizes of packaging environments.

Using the chart opposite, decide on the likely use and select from a manual or pneumatic plier.

Select tool

	LOW	MEDIUM	HIGH
Model	P6C-6 P6C-8	JB600 ESD-450S2P	P51-Series ESD-450S2P

> **i** **Remember!** The wider the crown and the thicker wire, the more secure the fastening will be.
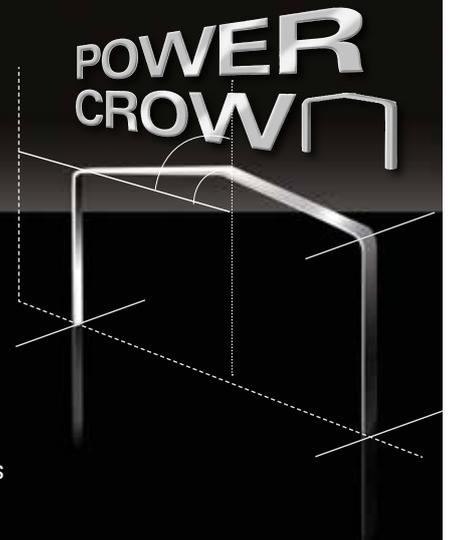
PLIER TOOL SUMMARY

Each plier type has features applicable to certain applications and packaging environments:

P6C-6 and P6C-8

Basic stapling pliers, ideal for small, light duty applications.

JB600

Pneumatic plier designed for light duty, medium volume environments.

P51-Series and ESD-450S2P

Pneumatic pliers for higher volume carton sides, lids and heavier duty applications.

Staple Family	10mm Crown STCR 2619 0.6 mm x 0.5mm	10mm Crown STCR 5019 1.3 mm x 0.5 mm	12.7mm Crown SB5019 0.48mm x 1.3mm	12.7mm Crown SB103020 0.51mm x 2.61mm	25mm Crown S2 1.4mm x 1.6mm
P6C-6	6-10mm				
P6C-8		6-10mm			
JB600		6-10mm			
P51-5B-E			10-15mm		
P51-10B-E				10-15mm	
ESD-450S2P					25-50mm

Tool Staple Length

HIGH POWER STAPLING.

POWER CROWN

The unique shape of Bostitch PowerCrown staples gives you more penetration with less effort.

Available in a wide range of lengths they are ideally suited to fastening paper, card and light plastics such as end caps, carded and uncarded bag tops, trays and small boxes.

Plier P6C Series

P6C-6 and P6C-8

Lightweight squeeze tacker with easy, top loading magazine.

Ideal for:

- Small carton lids
- Polythene bag sealing
- Card topped bags
- Card/ padded envelopes
- General stapling

Model	Staple Type
P6C-6 (6-10mm)	10mm Crown STCR 2619 0.6 mm x 0.5mm
P6C-8 (6-10mm)	10mm Crown STCR 5019 1.3 mm x 0.5mm

Tool features:

M **Manual tool**- no air supply required & highly portable

+ **Uses PowerCrown staples**- for greater power

POWER CROWN

Pneumatic Plier JB600

Pneumatic squeeze tacker designed for repetitive fastening.

Top loading magazine for easy loading of PowerCrown staples.

Ideal for:

- Endcaps for tubes and packs
- Small carton lids
- Polythene bag sealing
- Card topped bags

Model	Staple Type
JB600 (6-10mm)	STCR 5019

Tool features:

AIR **Pneumatic tool**- reduces fatigue in busy packing environments

+ **Uses PowerCrown staples**- for greater power

POWER CROWN

Pneumatic Plier P51-Series

Model	Staple Type
P51-5B-E (10-15mm)	◄ 12.7mm Crown ► SB5019 0.48mm x 1.3mm ►◄
P51-10B-E (10-15mm)	◄ 12.7mm Crown ► SB103020 0.51mm x 2.61mm ►◄

P51-10B-E and P51-5B-E

The versatile P51 Series pliers are compact and lightweight pneumatic pliers. The deep jaw depth of 150mm means that they can be used across a wide variety of applications, from carton lids and trays through to sealing end caps for postal and storage tubes.

The P51 series pliers can also be fitted with an optional C-blade attachment.

C Blade

Tool features:

Pneumatic tool- reduces fatigue in busy packing environments

Mounting lug- for wire support, reduces user fatigue

150mm jaw depth- for easy stapling away from the edge

Pneumatic Plier ESD-450S2P

Model	Staple Type
ESD-450S2P (25-50mm)	S2

The ESD-450S2P pneumatic plier is the heavy duty model compared to the P51 series.

Using the much larger S2 staple, it is designed specifically for applications requiring clinching of more than 6 layers of cardboard such as end caps or spacers.

With a deeper jaw depth of 200mm it can also reach further into the material.

Tool features:

Pneumatic tool- reduces fatigue in busy packing environments

200mm jaw depth- for easy stapling away from the edge

Hammer Tackers H30-8-E, PC2K & BHT150C

Rugged & dependable

Bostitch tackers are built with the same care and attention to detail as our heavy duty tools and are designed for versatile tacking in production environments.

Ideal for a whole range of packaging applications, these tools are the perfect workhorses for despatch bays and production lines alike.

Model	Staple Type
H30-8-E (6-10 mm)	10 mm Crown STCR 5019 — 1.3 mm x 0.5 mm
PC2K (6-12 mm)	
BHT150C (6-14 mm)	10.7 mm Crown BTA — 0.4 x 0.5 mm

H30-8-E

The **H30-8-E** is ideal for dispatch labels and general tacking.

PC2K

Perfectly balanced with an ergonomic design, the **PC2K** makes light work of slam tacking jobs. Ideal for case lining and insulation.

BHT150C

Heavy duty hammer tacker that drives standard staples from 6-14mm. Includes full-rubber grip to absorb shock and protect hand.

Squeeze Tackers T6 Series

PC8000/T6 & PC8000/T6-KIT

The PC8000/T6 series is precision engineered with an easy-grip handle, steel nose plate and rugged construction to make this tool powerful yet simple to use.

Designed with an anti jam magazine for easy maintenance, it is robust enough to withstand the rigours of a production environment.

The tools shown on this page use the unique PowerCrown staple - for greater power than a conventional staple.

	Fastener	6mm	8mm	10mm	12mm	14mm
	10mm Crown STCR 5019 — 1.3 mm x 0.5 mm					
Tool	PC8000/T6	✓	✓	✓	✓	✓
	PC8000/T6-KIT	✓	✓	✓	✓	✓

Walking Stick
438S2-1-WS (19-38mm)

Specifically designed for sealing oversized folding boxes and fastening them to pallet bases, this practical tool is lightweight and easy to place. Its long handle makes it comfortable to use all day long.

Model	Staple Type
438S2-1-WS (19-38mm)	S2

Tool features:

Pneumatic tool- reduces fatigue in busy packing environments

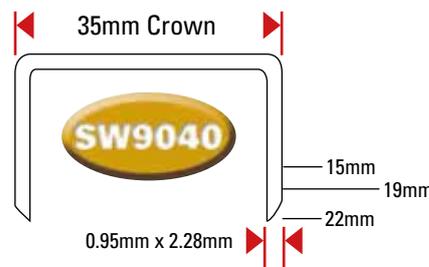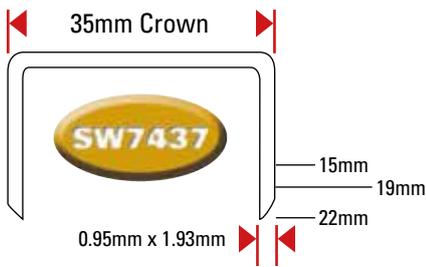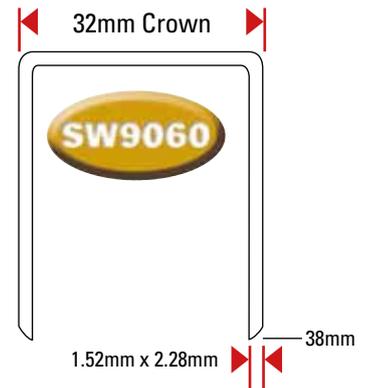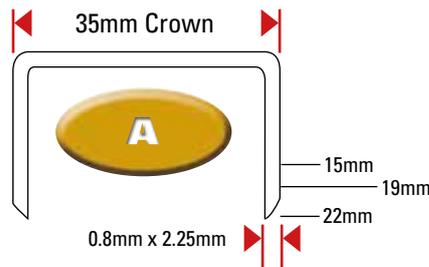**Aluminium Housing**- durable and lightweight for all day use

The right tool & fastener for the job

To help select the right staple for your needs, these staples are shown at **actual size** - allowing you to compare materials or staples as a guide to selection.

i To view the complete range of **carton closing & packaging** staples, please visit **www.bostitch.co.uk**.

Carton Closing Staples (Page 4-11)

32mm Crown	35mm Crown	32mm Crown
C	A	SW9060
0.9mm x 1.9mm — 15mm / 19mm	0.8mm x 2.25mm — 15mm / 19mm / 22mm	1.52mm x 2.28mm — 38mm

35mm Crown	35mm Crown
SW7437	SW9040
0.95mm x 1.93mm — 15mm / 19mm / 22mm	0.95mm x 2.28mm — 15mm / 19mm / 22mm
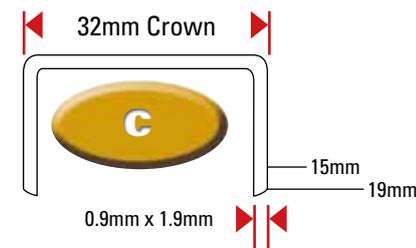
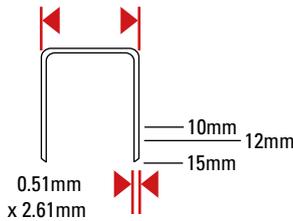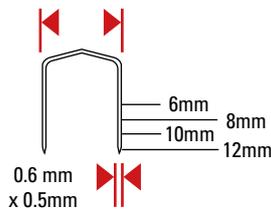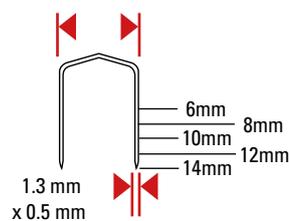| STAPLE FAMILY	CROWN WIDTH	LENGTH	SKU	FINISH	DESCRIPTION	QUANTITY PER BOX
C	32	15	1301500Z	LIQUOR	C/32 CARTON STAPLES 15MM LIQUOR 2M	2000
C	32	18	1301800Z	LIQUOR	C/32 CARTON STAPLES 18MM LIQUOR 2M	2000
SW9060	32	38	SW90601-1/2	LIQUOR	SW9060 CARTON STAPLES 38MM 4M	4000
A	35	15	1331500Z	LIQUOR	A/35 CARTON STAPLES 15MM LIQUOR 2M	2000
A	35	18	1331800Z	LIQUOR	A/35 CARTON STAPLES 18MM LIQUOR 2M	2000
A	35	19	1351900Z	LIQUOR	MONO A/35 CARTON STAPLES 19 MM 2M	2000
A	35	22	1332200Z	LIQUOR	A/35 CARTON STAPLES 22MM LIQUOR 2M	2000
SW7437	35	15	SW743715Z	LIQUOR	SW7437 CARTON STAPLES 15MM LIQUOR 2.4M	2400
SW7437	35	19	SW743719Z	LIQUOR	SW7437 CARTON STAPLES 19MM LIQUOR 2.4M	2400
SW7437	35	22	SW743722Z	LIQUOR	SW7437 CARTON STAPLES 22MM LIQUOR 2.4M	2400
SW9040	35	19	SW9004019Z	LIQUOR	SW9040 CARTON STAPLES 19MM LIQUOR 2M	2000
SW9040	35	22	SW904022Z	LIQUOR	SW9040 CARTON STAPLES 22MM LIQUOR 2M	2000

Packaging Staples (Page 12-16)
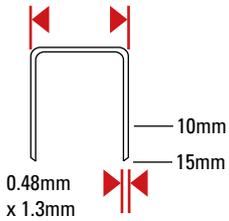
SB5019 — 12.7mm Crown — 10mm / 15mm — 0.48mm x 1.3mm

SB103020 — 12.7mm Crown — 10mm / 12mm / 15mm — 0.51mm x 2.61mm

STCR 2619 — 10mm Crown — 6mm / 8mm / 10mm / 12mm — 0.6 mm x 0.5mm

STCR 5019 — 10mm Crown — 6mm / 8mm / 10mm / 12mm / 14mm — 1.3 mm x 0.5 mm

BTA — 10.7mm Crown — 6mm / 8mm / 10mm / 12mm / 14mm — 0.4 mm x 0.5 mm
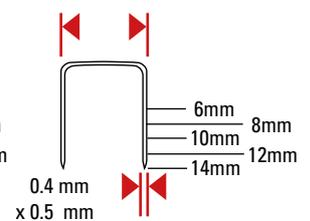
STAPLE FAMILY	CROWN WIDTH	LENGTH	SKU	FINISH	DESCRIPTION	QUANTITY PER BOX
SB5019	12.7	10	SB501910Z	GALV	SB5019 STAPLE 10MM GALV 8M	8000
SB5019	12.7	15	SB501915Z	GALV	SB5019 STAPLE 15MM GALV 4M	4000
SB103020	12.7	10	SB103020010Z	GALV	SB103020 STAPLE 10MM GALV 2.9M	2900
SB103020	12.7	12	SB103020012Z	GALV	SB103020 STAPLE 12MM GALV 2.1M	2100
SB103020	12.7	15	SB103020015Z	GALV	SB103020 STAPLE 15MM GALV 2.5M	2500
STCR2619	10	6	STCR26191/4	GALV	STCR2619 STAPLE 1/4-6MM GALV 5M	5000
STCR2619	10	8	STCR26195/16	GALV	STCR2619 STAPLE 9/16-8MM GALV 5M	5000
STCR2619	10	10	STCR26193/8	GALV	STCR2619 STAPLE 3/8-10MM GALV 5M	5000
STCR2619	10	12	STCR26191/2	GALV	STCR2619 STAPLE 1/2-12MM GALV 5M	5000
STCR5019	10	6	STCR501906AL	ALU	STCR5019 STAPLE 6MM ALU 5M	5000
STCR5019	10	6	STCR501906Z	GALV	STCR5019 STAPLE 6MM GALV 5M	5000
STCR5019	10	6	STCR50191/4-1M	GALV	STCR5019 STAPLE 1/4-06MM GALV 1M	1000
STCR5019	10	8	STCR501908Z	GALV	STCR5019 STAPLE 8MM GALV 5M	5000
STCR5019	10	10	STCR501910Z	GALV	STCR5019 STAPLE10MM GALV 5M	5000
STCR5019	10	10	STCR50193/8-1M	GALV	STCR5019 STAPLE 3/8-10MM GALV 1M	1000
STCR5019	10	12	STCR50191/2-1M	GALV	STCR5019 STAPLE 1/2-12MM GALV 1M	1000
STCR5019	10	12	STCR501912Z	GALV	STCR5019 STAPLE 12MM GALV 5M	5000
STCR5019	10	14	STCR501914Z	GALV	STCR5019 STAPLE 14MM GALV 5M	5000
BTA	10.7	6	BTA704-5C	GALV	BTA STAPLE 6MM GALV 5M FITS: BHT, PHT, TR60-100	5000
BTA	10.7	8	BTA705-5C	GALV	BTA STAPLE 8MM GALV 5M FITS: BHT, PHT, TR60-100	5000
BTA	10.7	10	BTA706-5C	GALV	BTA STAPLE 10MM GALV 5M FITS: BHT, PHT, TR60-100	5000
BTA	10.7	12	BTA708-5C	GALV	BTA STAPLE 12MM GALV 5M FITS: BHT, PHT, TR60-100	5000

S2 — 25mm Crown — 19mm / 25mm / 28mm / 30mm / 32mm / 35mm / 38mm / 44mm / 50mm — 1.4mm x 1.6mm
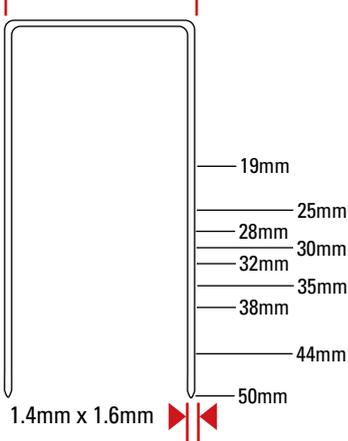
ESD-450S2P (Page 15) & Walking Stick Models (Page 17)

Authorised distributor

TOOL TECHNICAL DATA

Model	Weight	Magazine Capacity	Vibration	LPA 1sd	Noise LWA 1sd	LPA 1s, 1m
DSA-3519-U	2.81 kg	108	<2.5 ms²	77.4 dB	88.6 dB	-
DSA-3522-U	2.81 kg	108	<2.5 ms²	77.4 dB	88.6 dB	-
DS-3219-E	2.45 kg	120	<2.5 ms²	82.1 dB	88.4 dB	75.4 dB
DS-3519-E	2.45 kg	100	<2.5 ms²	82.1 dB	88.4 dB	75.4 dB
DS-3522-E	2.45 kg	100	<2.5 ms²	82.1 dB	88.4 dB	75.4 dB
DS-SW19-E	2.45 kg	100	<2.5 ms²	82.1 dB	88.4 dB	75.4 dB
DS-SW22-E	2.45 kg	100	<2.5 ms²	82.1 dB	88.4 dB	75.4 dB
D31AD-E	6.0 kg	100	<2.5 ms²	89 dB	93 dB	80 dB

Model	Weight	Magazine Capacity	Vibration	LPA 1sd	Noise LWA 1sd	LPA 1s, 1m
RAB-19-E	2.4 kg	1000	<2.5 ms²	84.9 dB	89 dB	76 dB
RAB-22-E	2.4 kg	1000	<2.5 ms²	84.9 dB	89 dB	76 dB
D62ADC-E	2.5 kg	1000	<2.5 ms²	77.7 dB	84.9 dB	71.9 dB
JB600	1.09 kg	84	<2.5 ms²	77 dB	95.8 dB	84.6 dB
P51-5B-E	2.04 kg	168	3.75 ms²	77.7 dB	85 dB	72 dB
P51-10B-E	2.04 kg	100	3.651 ms²	77.5 dB	86.3 dB	73.3 dB
ESD-450S2P	3.86 kg	100	<2.5 ms²	100.98 dB	107.36 dB	93.06 dB
438S2-1-WS	2.08 kg	100	<2.5 ms²	91.8 dB	97.6 dB	84.6 dB

All tool data shown is for comparative purposes only. Full Health & Safety technical data is available on request.

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