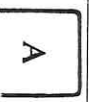


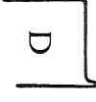










'Monotype'
Boston Stitcher
Number 7

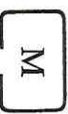





Instruction and Parts Book

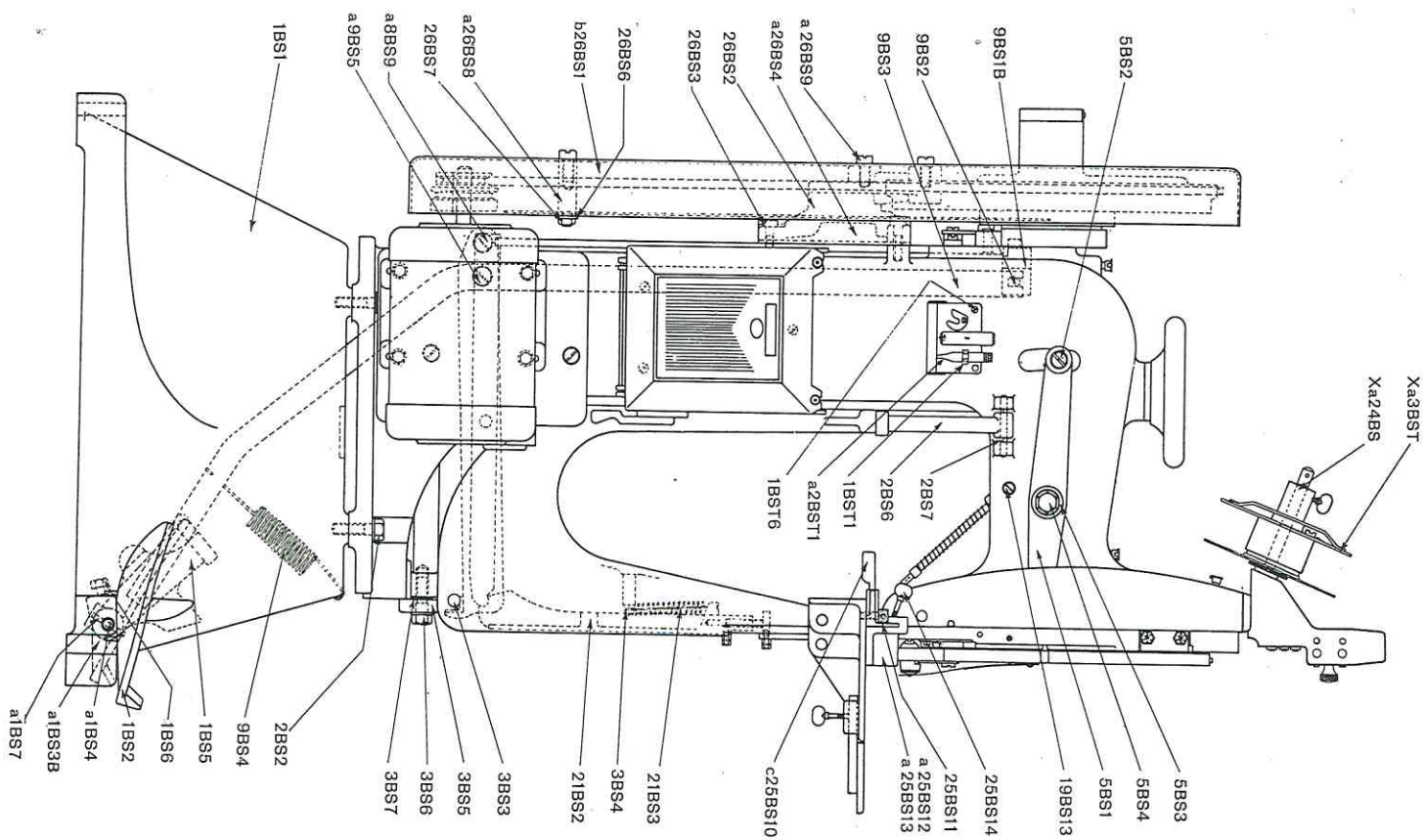
STITCH ADJUSTMENT

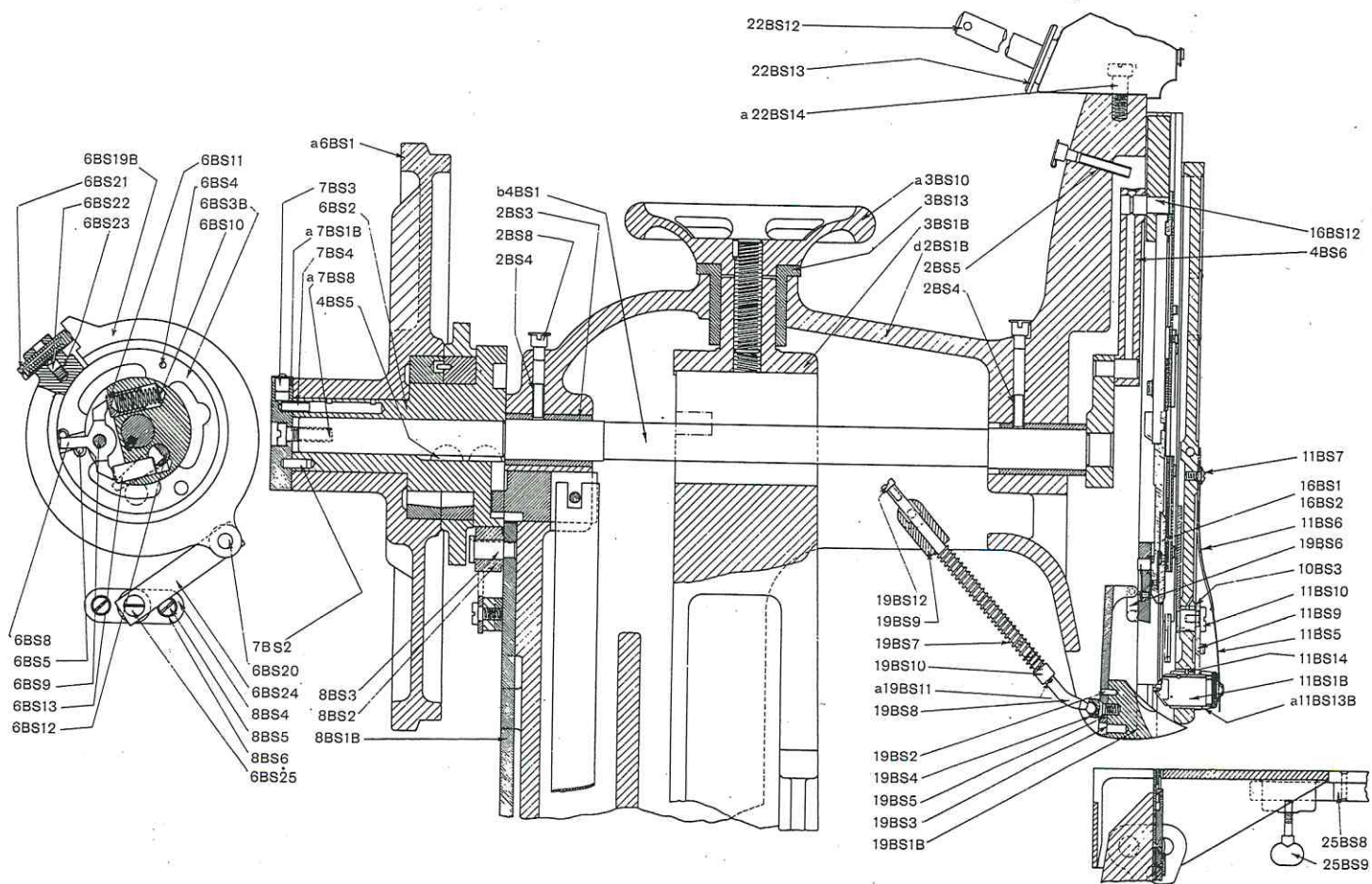
STAPLE	FAULT	CAUSE	REMEDY
	Perfect staple	—	—
	Right leg short	Cutter incorrectly adjusted in relation to swivel	Shorten left leg. Release both rack screws 15BS8, raise wire feed slide adjusting rack 15BS7 slightly; tighten screws. Adjust length of stitch by loosening bush screw 5BS4 and turning adjusting lever eccentric bush 5BS3 right if short, to the left if long. Tighten screw 5BS4.
		Clogged or worn grip	Release wire grip, movable, spring b18BS6 and wire grip screw 18BS2. Remove and clean wire grip, fixed, b18BS1; check teeth for wear. Reverse or replace if necessary.
		Left leg feed incorrectly adjusted	Lengthen left leg. Release both rack screws 15BS8, lower wire feed slide adjusting rack 15BS7 slightly; tighten screws. Adjust length of stitch by loosening bush screw 5BS4 and turning adjusting lever eccentric bush 5BS3 right if short, to the left if long. Tighten screw 5BS4.
	Left leg short		
	Staple corner buckled	Chipped or broken driver	Remove driver 16BS1 or 16BS2, check ends for damage or wear, reverse or replace.
	Either or both legs buckled	Wrong size wire used for work being stitched	Check wire size.
		Dull wire cutters	Remove wire cutters b14BS1; reverse or replace.
		Wrong size wire used for work being stitched	Check wire size.
		Supporter retracts too easily	Increase tension of supporter spring 19BS7 by inserting supporter spring rod split pin a19BS11 in next hole of supporter spring rod 19BS8.
	Bent crown	Wrong setting of stitcher adjustment for thickness of work being stitched	Adjust thickness of work with frame column gauge 2BS6.
	Partially formed staple	Worn bender bar latch	Replace bender bar latch 17BS2. This entails removing right face plate a13BS1B and driver bar assembly.
	Left leg missing	Wire slipping in grip	Remove and clean wire grip, fixed, b18BS1. See instructions at C.
	Right leg missing	Corner of swivel damaged	Remove swivel 11BS1B. If corner over which wire is formed is damaged, stone slightly or renew.

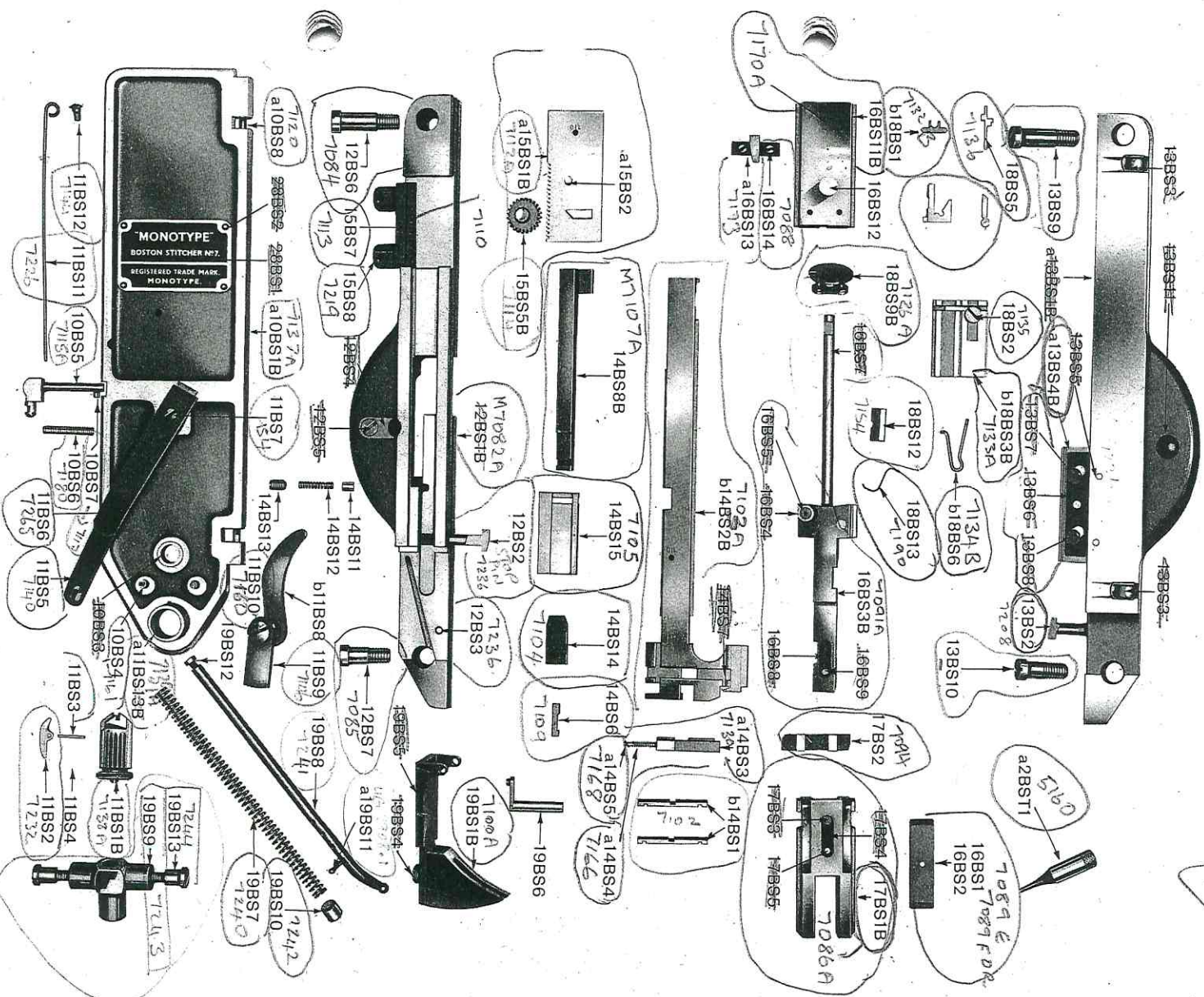
STAPLE	FAULT	CAUSE	REMEDY
	Staple comes out in pieces	Swivel sticking	Clean and lubricate swivel 11BS1B.
		Corner of swivel damaged	Stone damaged corner slightly or renew.
	Corner of staple broken or nearly cut through	Wire too hard	Check wire being used.
		Corner of swivel damaged	Stone damaged corner slightly or renew.
	Corners of staple rounded	Worn swivel	Replace.

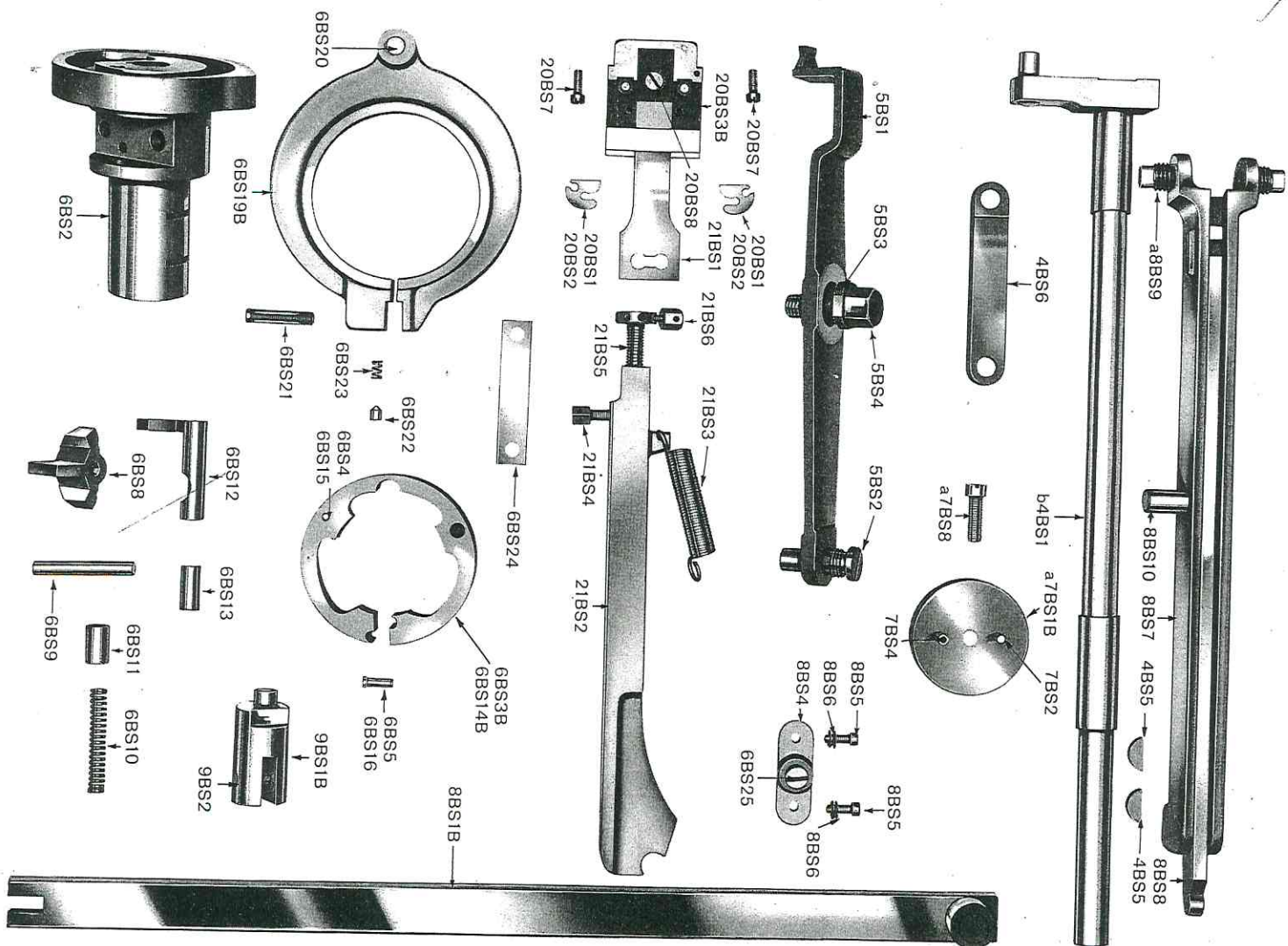
DRIVEN AND CLINCHED STAPLES

STAPLE	FAULT	CAUSE	REMEDY
	Perfect stitch	—	—
		Wrong setting of stitcher adjustment for thickness of work being stitched and clinchers set too low	Adjust thickness of work with frame column gauge 2BS6, and raise clinchers 20BS1 or 20BS2.
	Loose clinch	Wrong setting of stitcher adjustment for thickness of work being stitched and clinchers set too high	Adjust thickness of work with frame column gauge 2BS6, and lower clinchers 20BS1 or 20BS2.
		Worn wire cutters	Reverse or replace wire cutters b14BS1.
	Tight clinch	Wire straighteners incorrectly adjusted	Straighten wire.
		Worn bender bar	Replace bender bar 17BS1B. This entails removing right face plate a13BS1B and driver bar assembly.
	Staple legs spread	Worn wire cutters	Reverse or replace wire cutters b14BS1.
		Wire straighteners incorrectly adjusted	Straighten wire.
	Staple legs contracted	Worn wire cutters	Reverse or replace wire cutters b14BS1.
		Wire straighteners incorrectly adjusted	Straighten wire.
	Crown buckled, tearing paper	Wrong setting of stitcher adjustment for thickness of work being stitched	Adjust thickness of work with frame column gauge 2BS6.









General index of symbols and names of parts

DIRECTIONS FOR ORDERING PARTS

To enable us to complete orders correctly, the following information is essential:

- 1) The full name of the part as printed in the index.
- 2) The complete symbol of the part, using lower-case letters, capitals, and figures exactly as printed. Every character of the symbol must be plainly written.
- 3) The quantity required of each part.
- 4) The serial number of the machine.

HOW THE SYMBOLS ARE CONSTRUCTED

The capital letters BS are used throughout the symbols to indicate 'Boston Stitches' parts.

The number preceding the capital letters indicates the number of the sub-group in that section; the number following the capital letters indicates a definite part in that group.

If a lower-case letter precedes the first figure in the symbol (for example: a6BS1) it indicates there have been modifications in the construction of that component; the modified component may not be interchangeable with the superseded one unless changes or alterations are made in other parts.

If the capital letter is repeated at the end of the symbol (for example: d2BS1B) it indicates a main part that can only be supplied with certain components assembled with the main part; in such cases a reference mark is given (such as *, †, etc.), and a note at the foot of the group gives details of the parts which will be supplied, and which comprise the complete assembly.

When a capital 'X' is the first character of a symbol (for example: X2BS) it indicates that a complete group may be ordered under that symbol alone; in which case the component parts of such group will be supplied. Where reference marks are applied (such as *, †, ‡) always refer to the corresponding footnote before ordering such parts.

In writing a symbol do not use a capital letter where a lower-case letter is indicated.

EXAMPLES

Name	Quantity	Symbol
Wire Cutter _s	(2)	b14BS1

Symbols

2BS

The figure or figures preceding the capital letters indicate a group of parts of a main section (1st group, 2nd group, etc.).

2BS8

3BS1B

The figure or figures following the capital letters (but not capital X), indicate a definite part of a group. The repetition of the capital letter indicates that the part is supplied assembled with other parts.

a6BS1

X2BS

A lower-case letter prefix indicates a modification in design of a part or of a group. These modifications are indicated in alphabetical order. A prefixed capital 'X' indicates a complete group of parts forming a complete sub-section or part of a sub-section.

1BS

Base

Foot Rest

Treadle

Treadle Shaft (Not supplied separately, order a1BS3B)

Treadle Shaft Arm Set Screw, $\frac{3}{8}$ " x $1\frac{1}{8}$ ", hexagon

Treadle Set Screw, $\frac{3}{8}$ " x $\frac{1}{2}$ ", hexagon

Treadle Taper Pin

Treadle Guard

Treadle Guard, Nut (4)

Treadle Guard, Washer (4)

Base group; consists of 1BS1 and 2, a1BS3B, 1BS5 and 6, 1BS8, 1BS9 (4), and 10 (4)

*a1BS3B consists of a1BS3 and 4, a1BS7 †Boston Stitches No. 1001 to 1064 inclusive were equipped with this part ‡The fitting of this part requires special skill and/or tools not normally in the possession of an operator. It is recommended that the 'Monotype' Area Technical Representative is contacted before ordering

Xb1BS

d2BS1B*†

2BS2

2BS3†

2BS4†

Frame

Screw (4), $\frac{7}{8}$ " x $1\frac{1}{4}$ ", hexagon, to Base

Bush (2), for Mainshaft

Oil Tube, short (2)

2BS

2BS continued

2BS5† Oil Tube, long
2BS6† Column Gauge
2BS7† Column Gauge Pin
2BS8 Oil (3)
2BS9 Screw Lock Washer (4)
X2BS Frame group; consists of d2BS1B, 2BS2 (4), 2BS9 (4)

*d2BS1B consists of d2BS1, 2BS3 (2), 2BS4 (2), 2BS5, 6 and 7, 2BS8 (3)

†The fitting of this part requires special skill and/or tools not normally in the possession of an operator. It is recommended that the 'Monotype' Area Technical Representative is contacted before ordering

3BS

3BS1B* Column
3BS2 Bush, small (2), for Work Table Lock Pin
3BS3 Pin for Clincher Driving Bar Connector
3BS4 Shoe
3BS5 Spring Pin, for Clincher Slide Actuating Link
3BS6 Adjusting Block
3BS7† Adjusting Block Screw, $\frac{7}{8}$ " \times $\frac{1}{4}$ " hexagon
3BS8† Adjusting Block Washer, thin, .010"
3BS9† Adjusting Block Washer, medium, .015"
a3BS10 Adjusting Block Washer, thick, .033"
3BS13 Handwheel
Xa3BS Bush, large, for Frame Column group; consists of 3BS1B, 3BS5 and 6, 3BS7 or 8 or 9 (as required), a3BS10, 3BS13

*3BS1B consists of 3BS1, 3BS2 (2), 3BS3 and 4

†Order to suit requirements

4BS

b4BS1* Mainshaft
4BS5 Key, Woodruff (2)
4BS6 Connecting Link
X4BS Mainshaft group; consists of b4BS1, 4BS5(2), 4BS6

*The fitting of this part requires special skill and/or tools not normally in the possession of an operator. It is recommended that the 'Monotype' Area Technical Representative is contacted before ordering

5BS

5BS1 Adjusting Lever
5BS2 Stud
5BS3 Eccentric Bush
5BS4 Eccentric Bush Screw, $\frac{1}{4}$ " \times $\frac{1}{4}$ ", hexagon
X5BS Adjusting Lever group; consists of 5BS1 to 4 inclusive

6BS

6BS1† Driving Pulley
a6BS1 Driving Pulley
6BS2 Clincher Cam
6BS3B* Clutch Ring

6BS continued

6BS4 Clutch Ring Safety Pin
6BS5† Clutch Ring Expanding Pin, small (2), .156"
6BS6† Clutch Ring Expanding Pin, medium (2), .166"
6BS7† Clutch Ring Expanding Pin, large (2), .176"
6BS8 Clutch Lever
6BS9 Clutch Lever Pivot Pin
6BS10 Clutch Lever Spring
6BS11 Clutch Lever Spring Plunger
6BS12 Clutch Pawl
6BS13 Clutch Pawl Plunger
6BS14B† Brake Ring
6BS15 Brake Ring Safety Pin
6BS16† Brake Ring Expanding Pin, small (2), .156"
6BS17† Brake Ring Expanding Pin, medium (2), .166"
6BS18† Brake Ring Expanding Pin, large (2), .176"
6BS19B† Brake Band
6BS20 Brake Band
6BS21 Brake Band Adjusting Screw
6BS22 Brake Band Adjusting Screw Lock
6BS23 Brake Band Adjusting Screw Lock Spring
6BS24 Brake Band Link
6BS25 Brake Band Link Stud
X6BS† Driving Pulley group; consists of 6BS1 and 2, 6BS3B, 6BS5 (2) or 6BS6 (2) or 6BS7 (2) (as required), 6BS8 to 13 inclusive, 6BS14B, 6BS16 (2) or 6BS17 (2) or 6BS18 (2) (as required), 6BS19B, 6BS21 to 25 inclusive

Xa6BS

Driving Pulley group; consists of a6BS1, 6BS2, 6BS3B, 6BS5 (2) or 6BS6 (2) or 6BS7 (2) (as required), 6BS8 to 13 inclusive, 6BS14B, 6BS16 (2) or 6BS17 (2) or 6BS18 (2) (as required), 6BS19B, 6BS21 to 25 inclusive
*6BS3B consists of 6BS3 and 4
†6BS14B consists of 6BS14 and 15
†6BS19B consists of 6BS19 and 20
§Order to suit requirements
¶For Boston Stitchers not equipped with Two Speed Drive

7BS

a7BS1B* Driving Pulley Washer
7BS2 Dowel
7BS3 Oil
7BS4 Oil Tube
a7BS8 Screw, $\frac{3}{8}$ " \times $\frac{1}{8}$ " to Mainshaft
Xa7BS Driving Pulley Washer group; consists of a7BS1B, a7BS8

*a7BS1B consists of a7BS1, 7BS2, 3 and 4

8BS

8BS1B* Clincher Driving Bar
8BS2† Roller
8BS3† Roller Stud
8BS4 Strap
8BS5 Strap Screw (2), $\frac{3}{8}$ " \times $\frac{9}{16}$ "
8BS6 Strap Spring Washer (2)

8BS continued

8BS7 Connector Shoe
 8BS8 Connector
 a8BS9 Connector Shoe Screw (2)
 8BS10 Connector Pin
 8BS11 Connector Shoe Screw Lock Nut (2)
 X8BS Clincher Driving Bar group; consists of 8BS1B, 8BS4, 8BS5 (2), 8BS6 (2), 8BS7 and 8, a8BS9 (2), 8BS10, 8BS11 (2)
 *8BS1B consists of 8BS1, 2 and 3

†The fitting of this part requires special skill and/or tools not normally in the possession of an operator. It is recommended that the 'Monotype' Area Technical Representative is contacted before ordering

9BS1B* Stop Plunger
 9BS2 Pin
 9BS3 Lever
 9BS4 Lever Spring
 a9BS5 Lever Screw
 9BS6 Lever Screw Lock Nut
 X9BS Stop Plunger group; consists of 9BS1B, 9BS3 and 4, a9BS5, 9BS6
 *9BS1B consists of 9BS1 and 2

†The fitting of this part requires special skill and/or tools not normally in the possession of an operator. It is recommended that the 'Monotype' Area Technical Representative is contacted before ordering

10BS

a10BS1B*† Door
 10BS2 Stop
 10BS3 Bush, for Swivel Operating Lever
 10BS4 Stop Pin, short, for Swivel Operating Lever
 10BS5 Latch
 10BS6 Latch Spring
 10BS7 Latch Stop Screw, .099" x $\frac{3}{8}$ "
 a10BS8 Hinge Screw (2)
 10BS11 Stop Pin, long, for Swivel Operating Lever and Finger Guard, front
 Door group; consists of a10BS1B, a10BS8 (2), X28BS

Xc10BS†

*a10BS1B consists of a10BS1, 10BS2 to 7 inclusive, 10BS11, a11BS13B

†The fitting of this part requires special skill and/or tools not normally in the possession of an operator. It is recommended that the 'Monotype' Area Technical Representative is contacted before ordering

11BS

11BS1B* Swivel
 b11BS1B† Swivel, for Hard Wire
 11BS2 Hook
 11BS3 Hook Pin
 11BS4 Hook Spring
 b11BS4 Hook Spring, for Hard Wire
 11BS5 Spring
 11BS6 Spring Reinforcing Strap
 11BS7 Spring Screw
 b11BS8 Operating Lever
 11BS9 Operating Lever Sector
 11BS10 Operating Lever Sector Screw, .190" x $\frac{1}{8}$ "
 11BS11 Operating Lever Spring

11BS continued

11BS12 Operating Lever Spring Screw
 a11BS13B† Bush, in Door
 11BS14† Bush Locating Pin, in Door
 Xa11BS Swivel group; consists of 11BS1B, 11BS5 to 7 inclusive, b11BS8, 11BS9 to 12 inclusive

*11BS1B consists of 11BS1 to 4 inclusive
 †b11BS1B consists of b11BS1, 11BS2 and 3, b11BS4
 †a11BS13B consists of a11BS13, 11BS14 (included in a10BS1B)

\$Not included as part of the standard equipment

†The fitting of this part requires special skill and/or tools not normally in the possession of an operator. It is recommended that the 'Monotype' Area Technical Representative is contacted before ordering

12BS

12BS1B* Face Plate, left
 12BS2† Latch Wedge
 12BS3 Stop Pin
 12BS4 Door Catch
 12BS5 Door Catch Screw, $\frac{1}{4}$ " x $\frac{1}{4}$ ", countersunk
 12BS6 Screw, upper
 12BS7 Screw, lower
 X12BS Face Plate, left, group; consists of 12BS1B, 12BS4 to 7 inclusive

*12BS1B consists of 12BS1, 2 and 3

†The fitting of this part requires special skill and/or tools not normally in the possession of an operator. It is recommended that the 'Monotype' Area Technical Representative is contacted before ordering

13BS

a13BS1B* Face Plate, right
 13BS2† Latch Wedge
 13BS3† Hinge (2)
 a13BS4B†† Wire Guide
 13BS5 Wire Retainer
 13BS6† Wire Retainer Stud, upper
 13BS7† Wire Retainer Stud, upper
 13BS8† Wire Retainer Stud, lower
 13BS9 Screw, upper
 13BS10 Screw, lower
 13BS11 Stop, for Door
 X13BS Face Plate, right, group; consists of a13BS1B, 13BS9 and 10

*a13BS1B consists of a13BS1, 13BS2, 13BS3 (2), a13BS4B, 13BS5 (2), 13BS8, 13BS11

†a13BS4B consists of a13BS4, 13BS6, 7 and 8

†The fitting of this part requires special skill and/or tools not normally in the possession of an operator. It is recommended that the 'Monotype' Area Technical Representative is contacted before ordering

14BS

Wire Cutter (2)

b14BS1
b14BS2B*
a14BS3
a14BS4
a14BS5
14BS6
14BS7†
14BS8B†
14BS9†
14BS10†
14BS11
14BS12
14BS13
14BS14
14BS15
14BS18
14BS19

Holder

Holder Slide Spring

Holder Slide Spring Pin

Retainer

Block

Slide

Slide Block

Slide Friction Pad

Slide Friction Pad Spring

Slide Friction Pad Spring Screw, $\frac{1}{4} \times \frac{3}{8}$ "

Slide Shoe

Slide Wedge

Stop

Stop Rivet

Wire Cutter group; consists of b14BS1 (2), b14BS2B, a14BS3, 4 and 5, 14BS6, 14BS8B, 14BS11 to 15 inclusive

* b14BS2B consists of b14BS2, 14BS7, 14BS18 and 19

† 14BS8B consists of 14BS8 and 9, 14BS10 (2)

† The fitting of this part requires special skill and/or tools not normally in the possession of an operator. It is recommended that the 'Monotype' Area Technical Representative is contacted before ordering

14BS

Wire Feed Slide

Stud

Clip

Clip Rivet (2)

Adjusting Pinion

Adjusting Pinion Stud (Not supplied separately, order 15BS5B)

Adjusting Rack

Adjusting Rack Screw (2)

Wire Feed Slide group; consists of a15BS1B, 15BS5B, 15BS7, 15BS8 (2)

* a15BS1B consists of a15BS1 and 2, 15BS3, 15BS4 (2)

† 15BS5B consists of 15BS5 and 6

† The fitting of this part requires special skill and/or tools not normally in the possession of an operator. It is recommended that the 'Monotype' Area Technical Representative is contacted before ordering

15BS

Wire Feed Slide

Stud

Clip

Clip Rivet (2)

Adjusting Pinion

Adjusting Pinion Stud (Not supplied separately, order 15BS5B)

Adjusting Rack

Adjusting Rack Screw (2)

Wire Feed Slide group; consists of a15BS1B, 15BS5B, 15BS7, 15BS8 (2)

* a15BS1B consists of a15BS1 and 2, 15BS3, 15BS4 (2)

† 15BS5B consists of 15BS5 and 6

† The fitting of this part requires special skill and/or tools not normally in the possession of an operator. It is recommended that the 'Monotype' Area Technical Representative is contacted before ordering

16BS

Driver, Flat Wire

Driver, Round Wire

Bar, lower

Bar Roller

Bar Roller Stud

Bar Guide

Bar Guide Rod

Bar Spring

Bar Spring Rivet

Bar Rivet

16BS continued

Bar, upper

Bar Crank Pin

Bar Wedge

Bar Wedge Screw (2), $\frac{1}{4} \times \frac{1}{2}$ ", counter-sunk

Driver group; consists of 16BS1 and 2, 16BS3B, 16BS11B, a16BS13, 16BS14 (2)

* 16BS3B consists of 16BS3 to 10 inclusive

† 16BS11B consists of 16BS11 and 12

† The fitting of this part requires special skill and/or tools not normally in the possession of an operator. It is recommended that the 'Monotype' Area Technical Representative is contacted before ordering

17BS

Bender Bar

Latch

Latch Friction Pad

Latch Friction Pad Spring

Latch Friction Pad Spring Rivet

Bender Bar group; consists of 17BS1B, 17BS2

* 17BS1B consists of 17BS1, 17BS3, 4 and 5

† The fitting of this part requires special skill and/or tools not normally in the possession of an operator. It is recommended that the 'Monotype' Area Technical Representative is contacted before ordering

18BS

Wire Grip, fixed

Wire Grip (fixed) Screw

Holder

Holder Pin

Wire Grip, movable

Wire Grip (movable) Spring

Plate

Plate, small (Not supplied separately, order 18BS9B)

Plate Stud (2) (Not supplied separately, order 18BS9B)

Shoe (2)

Shoe Spring

Wire Grip group; consists of b18BS1, 18BS2, b18BS3B, 18BS5, b18BS6

* b18BS3B consists of b18BS3, 18BS4

† 18BS9B consists of 18BS9 and 10, 18BS11 (2)

† The fitting of this part requires special skill and/or tools not normally in the possession of an operator. It is recommended that the 'Monotype' Area Technical Representative is contacted before ordering

19BS

Supporter

Dowel

Stud

Screw

19BS continued

19BS5	Link (Not supplied separately, order 19BS1B)
19BS6	Crank Link (2)
19BS7	Spring
19BS8	Spring Rod
19BS9	Spring Rod Guide
19BS10	Spring Rod Collar
a19BS11	Spring Rod Split Pin, $\frac{3}{8}'' \times \frac{3}{8}''$
19BS12	Spring Rod Stop Screw, $\cdot 164'' \times \frac{1}{16}''$
19BS13	Spring Rod Guide Stud (2)
X19BS	Supporter group; consists of 19BS1B, 19BS6 (2), 19BS7 to 10 inclusive, a19BS11, 19BS12, 19BS13 (2)

*19BS1B consists of 19BS1 to 5 inclusive

20BS

20BS1	Clincher, Flat Wire (2)
20BS2	Clincher, Round Wire (2)
20BS3B*	Plate
20BS4	Plate Distance Stud (2) (Not supplied separately, order 20BS3B)
20BS5	Plate Pivot Stud (2) (Not supplied separately, order 20BS3B)
20BS6	Plate Dowel (2)
20BS7	Plate Screw (2), $\cdot 190'' \times \frac{1}{16}''$
20BS8	Plate Screw, $\frac{1}{4}'' \times \frac{1}{4}''$, countersunk
20BS9	Guide Plate (Not supplied separately, order 20BS3B)
20BS10	Slide Strap (Not supplied separately, order 20BS3B)
20BS11	Slide Strap Rivet (2) (Not supplied separately, order 20BS3B)

X20BS

Clincher group; consists of 20BS1 (2), 20BS2 (2), 20BS3B, 20BS6 (2), 20BS7 (2), 20BS8
 *20BS3B consists of 20BS3, 20BS4 (2), 20BS5 (2), 20BS9 and 10, 20BS11 (2)

21BS

21BS1	Clincher Slide
21BS2	Actuating Link
21BS3	Actuating Link Spring
21BS4	Actuating Link Set Screw
21BS5	Actuating Link Plunger
21BS6	Actuating Link Plunger Retaining Screw
X21BS	Clincher Slide group; consists of 21BS1 to 6 inclusive

22BS

a22BS1B*	Wire Straightener Bracket
22BS2II	Stud
22BS3II	Roller (4)
22BS4	Roller Stud (4)
22BS5B†II	Eccentric (2)
22BS6II	Eccentric Roller (2)
22BS7II	Eccentric Roller Stud (2)
22BS8II	Eccentric Friction Stud (2)
22BS9II	Eccentric Friction Pad (2)
22BS10II	Eccentric Friction Screw (2), $\frac{1}{4}'' \times \frac{3}{8}''$, grub Eccentric Pin (2)

22BS continued

22BS11II	Eccentric Washer
22BS12	Spool Stud
22BS13	Spool Stud Washer, large
a22BS14	Screw, $\frac{3}{8}'' \times \frac{3}{8}''$
22BS15	Roller, lower (2)
22BS16	Roller, upper (2)
22BS17B†	Wire Adjusting Slide, lower
22BS18B§	Wire Adjusting Slide, upper
22BS19	Wire Adjusting Slide, Adjusting Screw, knurled (2)
22BS20	Wire Adjusting Slide, Adjusting Screw, Retaining Pin (2)
22BS21	Wire Adjusting Slide, Adjusting Screw Spring Washer (2)
22BS22	Wire Adjusting Slide, Roller, lower (2)
22BS23	Wire Adjusting Slide, Roller, upper (2)
22BS24	Wire Adjusting Slide, Roller Stud (4)
22BS25	Wire Retaining Roller (4)
22BS26	Wire Retaining Roller Circip (4)
a22BS27	Wire Retaining Roller Spindle (4)
a22BS28	Wire Retaining Roller Spindle Plunger (4)
22BS29	Wire Retaining Roller Spindle Plunger Screw (4), $\frac{3}{8}'' \times \frac{3}{8}''$
22BS30	Wire Retaining Roller Spindle Plunger Spring (4)

Xa22BS

Wire Straightener Bracket group; consists of a22BS1B, a22BS14

*a22BS1B consists of a22BS1, 22BS4 (4), 22BS12 and 13, 22BS15 (2), 22BS16 (2), 22BS17B, 22BS18B, 22BS19 (2), 22BS20 (2), 22BS21 (2), 22BS25 (4), 22BS26 (4), a22BS27 (4), a22BS28 (4), 22BS29 (4), 22BS30 (4)
 †22BS3B each consists of 22BS5, 6 and 7
 ‡22BS17B consists of 22BS17, 22BS22 (2), 22BS24 (2)
 §22BS18B consists of 22BS18, 22BS23 (2), 22BS24 (2)
 ||Boston Stitchers numbered 1001 to 2103 inclusive were equipped with these parts

23BS

b23BS1	Wire Guide Spring (Not supplied separately, order Xa23BS)
a23BS2*	Stud (4)
Xa23BS	Wire Guide Spring group; consists of b23BS1, a23BS2 (4)

*The fitting of this part requires special skill and/or tools not normally in the possession of an operator. It is recommended that the "MonoType" Area Technical Representative is contacted before ordering

24BS

24BS5	Wire Spool Friction Tube (Not supplied separately, order Xa24BS)
24BS4	Thumb Screw
Xa24BS	Wire Spool Friction Tube group; consists of 24BS4 and 5

25BS

25BS1B*	Work Table
b25BS1B†	Work Table, STABBING ATTACHMENT
25BS2	Lock Pin
25BS3	Lock Pin Bush
25BS4	Lock Pin Stop
25BS5	Lock Pin Spring
25BS6	Swivel Pin (2)
a25BS7	Swivel Pin Thumb Screw (2)
25BS8	Extension
25BS9	Extension Thumb Screw (2)
a25BS10	Guide for Work, STABBING ATTACHMENT
c25BS10	Guide, for Work
25BS11	Guide Screw (2)
a25BS12	Guide Stop, left
a25BS13	Guide Stop, right
25BS14	Guide Stop Thumb Screw (2)
25BS15	Hinge Pin (2), STABBING ATTACHMENT
25BS16	Hinge Pin Retainer (2), STABBING ATTACHMENT
25BS17	Locating Pin, STABBING ATTACHMENT
25BS18	Reinforcing Strip (2), STABBING ATTACHMENT (Not supplied separately, order b25BS1B)
25BS19	Reinforcing Strip Rivet (4), STABBING ATTACHMENT
a25BS20	Support, STABBING ATTACHMENT (Not supplied separately, order b25BS1B)
25BS21	Support Rivet (5), STABBING ATTACHMENT
25BS22	Support Bolt (5), $\frac{1}{8}$ " x $\frac{3}{4}$ " countersunk, STABBING ATTACHMENT
25BS23	Support Bolt Nut (5), STABBING ATTACHMENT
X25BS	Work Table group: consists of 25BS1B, 25BS6 (2), a25BS7 (2), 25BS8, 25BS9 (2), c25BS10, 25BS11 (2), a25BS12 and 13, 25BS14 (2)
Xb25BS	Work Table, STABBING ATTACHMENT, group: consists of b25BS1B, a25BS10, 25BS11 (2), a25BS12 and 13, 25BS14 (2), 25BS15 (2), 25BS17 (Order by Attachment symbol IBSU1)
	To accommodate the same distance for right hand as for left hand stitching, we furnish:
	Work Table
e25BS10 assd.†§	Guide, assembled
e25BS10§	Guide
c25BS12§	Guide Stop, left
25BS14§	Guide Stop Thumb Screw
a25BS26§	Guide Extension
25BS27§	Guide Extension Screw (2), $\frac{1}{4}$ " x $\frac{1}{4}$ ", countersunk

*25BS1B consists of 25BS1 to 5 inclusive

†b25BS1B consists of b25BS1, 25BS16 (2), 25BS18 (2), 25BS19 (4), a25BS20, 25BS22 (5), 25BS23 (5)

‡e25BS10 assembled consists of e25BS10, c25BS12, 25BS14, a25BS26, 25BS27 (2)

§Not included as part of the standard equipment

||Attachments supplied on and after 12th July 1951 and prior to December 1955 were equipped with these parts

26BS

b26BS1	Belt Guard
26BS2	Bracket
26BS3	Bracket Screw (2), $\frac{1}{8}$ " x $1\frac{1}{2}$ "
a26BS4	Shield
26BS5*	Shield Screw, $\frac{3}{8}$ " x $2\frac{3}{4}$ ", hexagon
26BS6	Shield Stud Washer
26BS7	Shield Stud Nut
26BS8*	Shield Distance Piece
a26BS8	Shield Stud
a26BS9	Screw (3), knurled
Xb26BS	Belt Guard group: consists of b26BS1, 26BS2, 26BS3 (2), a26BS4, 26BS6 and 7, a26BS8, a26BS9 (3)

*For Boston Stitches not equipped with Two Speed Drive

27BS

b27BS1	Finger Guard, front
b27BS18	Finger Guard, rear
27BS27	Lock Screw, knurled (2)
27BS28	Stop Plate
Xc27BS	Finger Guard group: consists of b27BS1, b27BS18, 27BS27 (2), 27BS28

28BS

28BS1	Nameplate
28BS2	Screw (4)
X28BS	Nameplate group: consists of 28BS1, 28BS2 (4)

50BS

50BS1	Church Guard
50BS2	Screw (4), $\frac{1}{2}$ " x $\frac{1}{8}$ "

1BS

1BS1	Tool Tray
1BS16	Screw (3), $\frac{3}{8}$ " x $\frac{1}{8}$ "
X1BS1	Tool Tray group: consists of 1BS11, 1BS16 (3)

2BS

a2BS11	Pin Wrench
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3BS

3BS1	Wire Spool
3BS11	Flange, removable (2)
a3BS12	Hub (2)
3BS13	Flange Screw (6), $\frac{1}{4}$ " x $\frac{1}{8}$ "
3BS14	Clip, for Wire (2)
3BS15	Flange, adjustable (2)
3BS16	Hub Adjusting Screw (6)
3BS17	Hub Retaining Screw (2)
3BS18	Hub Spring (6)
Xa3BS1	Wire Spool, group (2) each consists of 3BS11, a3BS12, 3BS13 (3), 3BS14 and 5, 3BS16 (3), 3BS17, 3BS18 (3)

4BSTI *	Belt, V Drive	4BSU	Belt Guard Attachment
a4BSTI	Belt, V Drive		<i>Object</i> —To enable a Belt Guard to be fitted to a machine not originally so equipped
	<i>*For Boston Stitchers not equipped with Two Speed Drive</i>		
b5BSTI	Motor Bracket, A.C. and D.C. Lawrence	a2BSUI	<i>For machines equipped for Motor Drive (not suitable for machines equipped for Line Shaft Drive)</i>
d5BSTI	Scott or Lancaster Dynamo Co. Motors		
	Motor Bracket, A.C. and D.C. Crompton		
5BST3	Motors		
a5BST4	Screw (2), $\frac{3}{8}$ " \times $\frac{1}{2}$ "	3BSU	Two Speed Drive Attachment
5BST5	Motor Screw, A.C. Motor (4), $\frac{1}{16}$ " \times $\frac{3}{4}$ ", hexagon		<i>Object</i> —To vary the speed of machine according to thickness of work being stitched by providing a Two Speed Drive
	Washer (4)		<i>For Boston Stitchers numbered 1001 to 1300 inclusive, 1307, 1315, 1341, 1345 to 1355 inclusive, 1357 to 1370 inclusive, 1372 to 1380 inclusive, 1382, (if equipped for Motor Drive)</i>
		3BSUI	Two Speed Drive Attachment; consists of a6BS1, a26BS8, a26BS9 (3), a4BSTI and Motor Pulley
			<i>Note: Boston Stitchers numbered 1301 to 1306 inclusive, 1308 to 1314 inclusive, 1316 to 1340 inclusive, 1342, 1343, 1344, 1356, 1371, 1381, 1383 and over incorporate the Two Speed Drive Attachment</i>
IBSU	Stabbing Attachment		
	<i>Object</i> —To stab together paper to form books etc., varying between 1" and 1 $\frac{1}{4}$ " thick by means of unclinked staples driven from each side and overlapping in the centre		
	<i>For Boston Stitchers numbered prior to 2066.</i>		
IBSUI	Stabbing Attachment; consists of Xb25BS, Xa3BST		
	<i>For Boston Stitchers numbered 2066 and over</i>		
aIBSUI	Stabbing Attachment; consists of Xc25BS, Xa3BST		

LIGHT MINERAL OILS

Castrol Hyspin 40
Shell Tellus 15
Gulf Hydrasil 35
Duckhams Q 5578
Power B.P. Energol HL 40
Mobil Velocite No. 6
Esso Nuto H 36