

# 1. Driving Mechanism

Weights & Pulleys. Mainsprings & Clicks. Chains, Lines & Batteries

## LONGCASE LEAD CLOCK WEIGHTS



For English clocks. Diameter 64mm.

Price per unit in £ on 15/08/2017

	LONGCASE LEAD CLOCK WEIGHT 3.6kg (8lbs.) Height 120mm.	0256 080015	1+	£34.45
			2+	£31.00
	LONGCASE LEAD CLOCK WEIGHT 4.5kg (10lbs.) Height 150mm.	0256 100015	1+	£38.90
			2+	£35.01
	LONGCASE LEAD CLOCK WEIGHT 5.5kg (12lbs.) Height 190mm.	0256 120015	1+	£43.35
			2+	£39.01
	LONGCASE LEAD CLOCK WEIGHT 6.4kg (14lbs.) Height 215mm.	0256 140015	1+	£47.31
			2+	£42.58


## WEIGHT HOOKS

Price per unit in £ on 15/08/2017

	'S' CLOCK WEIGHT HOOK Solid brass. For weights up to 6.5kg. Length 32mm. Width 18mm. Wire diameter 3mm. Sold singly.	0258 000115	1+	£1.45
			3+	£1.30
			Pack of 10	£1.09
	STEEL S HOOKS FOR WEIGHTS, BAG OF 6. 1/8" (3mm) wire hooks, suitable for weights up to 20lbs. Natural steel finish. Length 45mm. Width at widest point 25mm. Sold in 6's.	0258 000614	1+	£2.51
			5+	£2.13
			Pack of 10	£1.88
			Pack of 100	£2.51

## COUNTERWEIGHTS



Price per unit in £ on 15/08/2017

	DOUGHNUT (DONUT) 30 HOUR CLOCK COUNTERWEIGHT 140g For rope & chain clocks. 3/4" internal diameter. 1 3/4" external diameter.	0257 000115	1+	£4.25
			2+	£3.82
			Pack of 10	£3.40

## CAST IRON OG WEIGHTS FOR AMERICAN CLOCKS

Available in 30 hour & 8 day sizes.

Price per unit in £ on 15/08/2017

	30 HOUR AMERICAN 'OG' WEIGHT 1.45kg Many American OG clocks had a slightly lighter weight on the strike side. These suit either train. Base diameter 60mm. Top diameter 45mm. Height 95mm. Inset hook.	0235 000115	1+	£16.41
			2+	£14.77
	8 DAY AMERICAN 'OG' WEIGHT 3.75kg (approx) There is a groove down one side. 83mm x 50mm. 120mm high excluding hook.	0236 000115	1+	£29.15
			2+	£26.23

## VIENNA CLOCK WEIGHTS

Polished brass.

1 	2 	3 	Call <b>HARVEY</b> on <b>0800 328 9435</b>	<b>M &amp; P</b> Key Suppliers to Clockmakers		Buy Online @ <b>www.m-p.co.uk</b>
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Price per unit in £ on 15/08/2017

1 VIENNA CLOCK WEIGHT Polished brass. Lead filled. 2 3/4 lbs. Diameter, 1 1/2" / 38mm. Height excluding hook 4 1/2" / 116mm. Height including hook, 5" / 130mm.	0404 023415	1+	£52.89
		2+	£47.60
2 REPLACEMENT VIENNA CLOCK WEIGHT HOOK Polished brass. High quality.	0404 000115	1+	£6.45
		2+	£5.80
3 VIENNA WEIGHT, UNFILLED Ideal for overseas customers. Polished brass. Will weigh 2 3/4lbs when filled with lead (not supplied). 1 1/2" (38mm) diameter. Height excluding hook 4 1/2" (116mm). Height including hook 5" (130mm).	0404 000215	1+	£39.75

## CUCKOO CLOCK WEIGHTS

Cast iron 'Fir Cone' style. Length includes hook. Also suitable for Black Forest clocks.


Price per unit in £ on 15/08/2017

	CUCKOO CLOCK WEIGHT 275g Length 115mm. Diameter 27mm.	0508 027515	1+	£5.89
			2+	£5.30
	CUCKOO CLOCK WEIGHT 375g Length 130mm. Diameter 28mm.	0508 037515	1+	£8.20
			2+	£7.38
	CUCKOO CLOCK WEIGHT 500g Length 140mm. Diameter 32mm.	0508 050015	1+	£12.06
			2+	£10.85
	CUCKOO CLOCK WEIGHT 750g Length 170mm. Diameter 38mm.	0508 075015	1+	£16.47
			2+	£14.82
	CUCKOO CLOCK WEIGHT 1000g Length 195mm. Diameter 40mm.	0508 100015	1+	£19.77
			2+	£17.79
	CUCKOO CLOCK WEIGHT 1260g Length 200mm. Diameter 43mm.	0508 126015	1+	£22.65
			2+	£20.38
	CUCKOO CLOCK WEIGHT 1500g Length 205mm. Diameter 45mm.	0508 150015	1+	£25.63
			2+	£23.07
CUCKOO CLOCK WEIGHT 1750g Length 215mm. Diameter 48mm.	0508 175015	1+	£29.21	
		2+	£26.29	
CUCKOO CLOCK WEIGHT 2100g Length 215mm. Diameter 52mm.	0508 210015	1+	£30.31	
		2+	£27.28	

# 1. Driving Mechanism



## CLOCK WEIGHT HOOKS & RINGS

Price per unit in £ on 15/08/2017

	<b>CLOCK WEIGHT HOOKS &amp; RINGS</b> Used to stop Cuckoo and Black Forest chain passing right through. 6 pairs in brass.	<b>0706 001015</b>	1+	<b>£4.89</b>
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## COMTOISE MORBIER IRON CLOCK WEIGHTS

Price per unit in £ on 15/08/2017

	<b>COMTOISE MORBIER IRON CLOCK WEIGHT 4.2kg</b> Oval shape, maximum width 70mm. Length including integral hook 230mm.	<b>0507 092515</b>	1+	<b>£33.39</b>
			2+	<b>£30.05</b>
	<b>COMTOISE MORBIER CAST IRON CLOCK WEIGHT 4.9kg</b> Bell shape, 85mm diameter at base, 65mm at shoulder. Height including hook 210mm.	<b>0507 110015</b>	1+	<b>£39.11</b>
			2+	<b>£35.20</b>

## DUTCH CLOCK LEAD WEIGHTS


Price per unit in £ on 15/08/2017

	<b>DUTCH CLOCK LEAD WEIGHT</b> 3 1/2 lbs. 2" wide at top, 1 1/2" wide at base. 4" high.	<b>0709 000115</b>	1+	<b>£19.91</b>
			2+	<b>£17.92</b>

## BLACK FOREST WEIGHTS

Brass covered lead weights. Tapered brass shell with folded seam. Natural brass finish.


Price per unit in £ on 15/08/2017

	<b>BLACK FOREST WEIGHT 275g</b> 30 x 130mm	<b>1092 027515</b>	1+	<b>£19.70</b>
	<b>BLACK FOREST WEIGHT 500g</b> 30 x 86mm	<b>1092 050015</b>	1+	<b>£20.95</b>
	<b>BLACK FOREST WEIGHT 750g</b> 30 x 125mm	<b>1092 075015</b>	1+	<b>£29.10</b>
	<b>BLACK FOREST WEIGHT 900g</b> 35 x 105mm	<b>1092 090015</b>	1+	<b>£31.50</b>
	<b>BLACK FOREST WEIGHT 1200g</b> 35 x 140mm	<b>1092 120015</b>	1+	<b>£24.45</b>
	<b>BLACK FOREST WEIGHT 1450g</b> 35 x 155mm	<b>1092 145015</b>	1+	<b>£27.39</b>
	<b>BLACK FOREST WEIGHT 1800g</b> 40 x 140mm	<b>1092 180015</b>	1+	<b>£33.55</b>
	<b>BLACK FOREST WEIGHT 2500g</b> 45 x 170mm	<b>1092 250015</b>	1+	<b>£42.86</b>
	<b>BLACK FOREST WEIGHT 3200g</b> 45 x 215mm	<b>1092 320015</b>	1+	<b>£48.54</b>

## SATIN BRASS WEIGHT SHELLS

Unfilled. Threaded centre rod with hook and cap nut.


Price per unit in £ on 15/08/2017

	<b>SATIN BRASS WEIGHT SHELL 40 x 248mm</b>	<b>1088 402515</b>	1+	<b>£28.07</b>
			3+	<b>£25.26</b>
	<b>SATIN BRASS WEIGHT SHELL 50 x 250mm</b>	<b>1088 502515</b>	1+	<b>£37.55</b>
			3+	<b>£33.79</b>
	<b>SATIN BRASS WEIGHT SHELL 60 x 252mm</b>	<b>1088 602515</b>	1+	<b>£39.54</b>
			3+	<b>£35.59</b>

## POLISHED BRASS WEIGHT SHELLS


Unfilled. Threaded centre rod with hook and cap nut.

Price per unit in £ on 15/08/2017

	<b>POLISHED BRASS WEIGHT SHELL 40 x 248mm</b>	<b>1198 402515</b>	1+	<b>N/A</b>
			3+	<b>N/A</b>
	<b>POLISHED BRASS WEIGHT SHELL 60 x 252mm</b>	<b>1198 602515</b>	1+	<b>£52.95</b>
			3+	<b>£47.65</b>

## ZAANDAM CLOCK WEIGHTS

Price per unit in £ on 15/08/2017


	<b>ZAANDAM CLOCK WEIGHT</b> Brass pear shaped weight for Dutch clocks. Integral hook. 60mm at the widest point. 95mm high including hook. 900g.	<b>1036 000115</b>	1+	<b>£38.46</b>
			2+	<b>£34.61</b>

## HOW HEAVY SHOULD THE WEIGHT BE?

Hang lead shot or similar on the hook until the clock runs properly; then weigh the shot.

## VIENNA CLOCK PULLEY

Price per unit in £ on 15/08/2017

	<b>VIENNA CLOCK PULLEY</b> Brass pulley with screwed brass saddle. Maximum line diameter 1.2mm. Diameter 32mm.	<b>0402 000115</b>	1+	<b>£15.46</b>
			2+	<b>£13.91</b>

# 1. Driving Mechanism

## LONGCASE PULLEYS

Well constructed from brass and steel. Size is wheel diameter.

1		2		3		4		<b>Call Harvey 24 Hours</b>	<b>Call Harvey our Automated Sales line</b>	
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Price per unit in £ on 15/08/2017

1	<b>LONGCASE PULLEY GUT 38mm (1 1/2") DIAMETER.</b>	<b>0261 003815</b>	<table border="1"> <tr><td>1+</td><td style="text-align: right;"><b>£7.54</b></td></tr> <tr><td>2+</td><td style="text-align: right;"><b>£6.79</b></td></tr> <tr><td>Pack of 10</td><td style="text-align: right;"><b>£6.41</b></td></tr> <tr><td>Pack of 30</td><td style="text-align: right;"><b>£6.03</b></td></tr> </table>	1+	<b>£7.54</b>	2+	<b>£6.79</b>	Pack of 10	<b>£6.41</b>	Pack of 30	<b>£6.03</b>
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2+	<b>£6.79</b>										
Pack of 10	<b>£6.41</b>										
Pack of 30	<b>£6.03</b>										
2	<b>LONGCASE PULLEY GUT 44mm (1 3/4") DIAMETER.</b>	<b>0261 004415</b>	<table border="1"> <tr><td>1+</td><td style="text-align: right;"><b>£8.20</b></td></tr> <tr><td>2+</td><td style="text-align: right;"><b>£7.38</b></td></tr> <tr><td>Pack of 10</td><td style="text-align: right;"><b>£6.97</b></td></tr> <tr><td>Pack of 30</td><td style="text-align: right;"><b>£6.56</b></td></tr> </table>	1+	<b>£8.20</b>	2+	<b>£7.38</b>	Pack of 10	<b>£6.97</b>	Pack of 30	<b>£6.56</b>
1+	<b>£8.20</b>										
2+	<b>£7.38</b>										
Pack of 10	<b>£6.97</b>										
Pack of 30	<b>£6.56</b>										
3	<b>LONGCASE PULLEY ROPE 38mm (1 1/2") DIAMETER.</b>	<b>0262 003815</b>	<table border="1"> <tr><td>1+</td><td style="text-align: right;"><b>£10.40</b></td></tr> <tr><td>2+</td><td style="text-align: right;"><b>£9.36</b></td></tr> <tr><td>Pack of 10</td><td style="text-align: right;"><b>£8.84</b></td></tr> <tr><td>Pack of 30</td><td style="text-align: right;"><b>£8.32</b></td></tr> </table>	1+	<b>£10.40</b>	2+	<b>£9.36</b>	Pack of 10	<b>£8.84</b>	Pack of 30	<b>£8.32</b>
1+	<b>£10.40</b>										
2+	<b>£9.36</b>										
Pack of 10	<b>£8.84</b>										
Pack of 30	<b>£8.32</b>										
4	<b>LONGCASE PULLEY CHAIN 38mm (1 1/2") DIAMETER.</b>	<b>0263 003815</b>	<table border="1"> <tr><td>1+</td><td style="text-align: right;"><b>£10.40</b></td></tr> <tr><td>2+</td><td style="text-align: right;"><b>£9.36</b></td></tr> <tr><td>Pack of 10</td><td style="text-align: right;"><b>£8.84</b></td></tr> <tr><td>Pack of 30</td><td style="text-align: right;"><b>£8.32</b></td></tr> </table>	1+	<b>£10.40</b>	2+	<b>£9.36</b>	Pack of 10	<b>£8.84</b>	Pack of 30	<b>£8.32</b>
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2+	<b>£9.36</b>										
Pack of 10	<b>£8.84</b>										
Pack of 30	<b>£8.32</b>										

## LONGCASE CHAIN CONVERSIONS


Eliminate frequent rope replacement and dust.

Price per unit in £ on 15/08/2017

	<b>LONGCASE CHAIN CONVERSION KIT</b> Kit contains the two internal pulleys and chain, but not the chain pulley or counterweight. They may be re-useable. Pulleys have 6.4mm internal holes in 11mm brass centres.	<b>0264 000115</b>	<table border="1"> <tr><td>1+</td><td style="text-align: right;"><b>£47.45</b></td></tr> </table>	1+	<b>£47.45</b>						
1+	<b>£47.45</b>										
	<b>CHAIN CONVERSION SPROCKET SET</b> To keep as much original as possible, just fit the pulleys with these chain sprockets. Each set includes 2 sprockets and 2 pairs of washers. No other parts included. Suitable chain : 12ft, 42 links per foot <b>0388 004215</b>	<b>0264 000215</b>	<table border="1"> <tr><td>1+</td><td style="text-align: right;"><b>£16.90</b></td></tr> <tr><td>3+</td><td style="text-align: right;"><b>£14.36</b></td></tr> <tr><td>Pack of 10</td><td style="text-align: right;"><b>£12.67</b></td></tr> <tr><td>Pack of 100</td><td style="text-align: right;"><b>£9.29</b></td></tr> </table>	1+	<b>£16.90</b>	3+	<b>£14.36</b>	Pack of 10	<b>£12.67</b>	Pack of 100	<b>£9.29</b>
1+	<b>£16.90</b>										
3+	<b>£14.36</b>										
Pack of 10	<b>£12.67</b>										
Pack of 100	<b>£9.29</b>										


## AMERICAN CLOCK PULLEYS

Price per unit in £ on 15/08/2017

	<b>AMERICAN CLOCK PULLEY SET</b> 5 assorted pulleys. 2 for the top of 'OG's, one to stop the cord from fouling the movement and 2 for Steeple clocks.	<b>0624 000515</b>	<table border="1"> <tr><td>1+</td><td style="text-align: right;"><b>£8.37</b></td></tr> </table>	1+	<b>£8.37</b>
1+	<b>£8.37</b>				

## O.G. CLOCK DUST COVERS

Price per unit in £ on 15/08/2017

	<b>O.G. CLOCK DUST COVERS</b> Authentic dust covers carved from solid wood, to fit over O.G. and other American clock weight pulleys. 115mm long x 22mm wide and 15mm high. Sold in pairs.	<b>0980 000215</b>	<table border="1"> <tr><td>1+</td><td style="text-align: right;"><b>£4.95</b></td></tr> </table>	1+	<b>£4.95</b>
1+	<b>£4.95</b>				

# 1. Driving Mechanism

## HOLE END CLOCK MAINSPRINGS

Made of quality spring steel. Our stainless springs are made from specialist material, intended for use in clocks. It is not the stainless 'seat-belt' quality steel that has appeared on the market in recent years, which many horologists feel is too strong for clock use. Eyes are fitted at both ends, with a short section of steel softened to ensure a good fit to the barrel and arbor. Each spring is wound to the barrel diameter shown, but it is good practice to release the spring and clean and lubricate it with mainspring grease before fitting with a mainspring winder. Manual insertion of large springs can cause distortion. The material is the nearest metric/imperial equivalent. Three dimensions are required to select a spring:

- A. Height or width in mm.
- B. Strength or thickness in mm.
- C. Internal barrel diameter in mm.

Determining the spring by its length is not recommended as it may have been shortened as a result of a previous fracture. The length of a mainspring can be calculated for an empty barrel as follows:

The spring should occupy 1/3 to 1/2 of the space. The calculation assumes 1/2. 80% of the length calculated is sufficient.

$$\text{Length} = (((3.142 \times (D/2) \times (D/2)) - (3.142 \times (d/2) \times (d/2))) / 2) / t \text{ Where: } D = \text{Internal barrel diameter } d = \text{arbor diameter } t = \text{thickness of material}$$

Important note about the dimensions:

Our springs are listed in metric, but from time to time we have to manufacture from imperial material. There may therefore be a small difference between the size stated and the actual measurement. We only use material which we consider near enough not to cause a problem. New mainsprings are not wound accurately to match the barrel diameter. They are often coated with a rust-resistant chemical, which is not a lubricant. We strongly advise customers to release the spring with extreme care, wipe the surface clean, and fit it using a spring winder. It should then be lubricated with high-pressure oil or mainspring grease. It is not essential to cover every part of the surface with lubricant initially, because the process of winding and unwinding will spread it evenly over the surface. The barrel diameter shown is an indication of suitable length. Springs are cut to the correct length and then coiled by hand and retained by a wire. As a result, the wound diameter may not exactly match the diameter shown. It is not recommended to attempt inserting a coiled spring into a barrel. If the nearest spring is too long, you can easily shorten it. Soften the spring where you want the end to be by heating it gently. Cut it to length with shears and copy the shape of the original hole using a drill and file. Do not overheat, as the material will be too soft and may tear later.

## Conversion Table

0.008" = 0.20mm	1 1/8" = 29mm
0.010" = 0.25mm	1 1/4" = 32mm
0.012" = 0.30mm	1 3/8" = 35mm
0.014" = 0.35mm	1 1/2" = 38mm
0.016" = 0.40mm	1 5/8" = 41mm
0.018" = 0.45mm	1 3/4" = 45mm
0.020" = 0.50mm	2" = 51mm
0.022" = 0.55mm	2 1/8" = 54mm
0.024" = 0.60mm	2 1/4" = 57mm
	2 1/2" = 64mm

## HOLE END CLOCK MAINSPRINGS

Many of M&P's mainsprings are now produced in-house using high quality British carbon steel to BS5770.

Price per unit in £ on 15/08/2017

Description	Part No.	Price	
		1+	3+
HOLE END CLOCK MAINSPRING 2.3mm x 0.18mm x 4mm Clock-grade steel.	0802 180415	£6.30	£5.98
HOLE END CLOCK MAINSPRING 4mm x 0.23mm x 18mm Clock-grade steel.	0804 231815	£9.95	£9.45
HOLE END CLOCK MAINSPRING 4.2mm x 0.30mm x 27mm Clock-grade steel.	0804 302715	£8.90	£8.45
HOLE END CLOCK MAINSPRING 5mm x 0.25mm x 40mm Clock-grade steel.	0805 254015	£9.99	£9.49
HOLE END CLOCK MAINSPRING 5mm x 0.28mm x 25mm Clock-grade steel.	0805 282515	£9.99	£9.49
HOLE END CLOCK MAINSPRING 5.5mm x 0.45mm x 40mm Clock-grade steel.	0805 454015	£14.31	
HOLE END CLOCK MAINSPRING 6mm x 0.28mm x 30mm Clock-grade steel.	0321 062515	N/A	N/A
HOLE END CLOCK MAINSPRING 6mm x 0.45mm x 45mm Clock-grade steel.	0806 454515	£10.61	£10.08
HOLE END CLOCK MAINSPRING 7mm x 0.18mm x 19mm Classic range. Sold singly. Clock-grade steel.	1500 071819	£7.95	
HOLE END CLOCK MAINSPRING 7mm x 0.25mm x 25mm Clock-grade steel.	0807 252515	£7.95	£7.55
HOLE END CLOCK MAINSPRING 8mm x 0.20mm x 30mm Clock-grade steel.	0808 203015	£12.60	£11.97
HOLE END CLOCK MAINSPRING 8mm x 0.25mm x 28mm (700mm) Classic range. Sold singly. Clock-grade steel.	1500 082522	£7.95	
HOLE END CLOCK MAINSPRING 8mm x 0.38mm x 34mm Clock-grade steel.	0808 383415	£8.45	£8.03
HOLE END CLOCK MAINSPRING 8mm x 0.41mm x 38mm Clock-grade steel.	0808 413815	£8.16	£7.75
HOLE END CLOCK MAINSPRING 8mm x 0.25mm x 25mm Clock-grade steel.	0321 082515	£10.95	£10.40
HOLE END CLOCK MAINSPRING 9mm x 0.25mm x 26mm Clock-grade steel.	0809 252015	£9.45	£8.98
HOLE END CLOCK MAINSPRING 9mm x 0.28mm x 28mm Classic range. Sold singly. Clock-grade steel.	1500 092828	£8.45	
HOLE END CLOCK MAINSPRING 9mm x 0.34mm x 27mm Clock-grade steel.	0809 342715	N/A	N/A
HOLE END CLOCK MAINSPRING 9.5mm x 0.43mm x 38mm Clock-grade steel.	0809 433815	£10.01	£9.51
HOLE END CLOCK MAINSPRING 10mm x 0.20mm x 20mm Clock-grade steel.	0810 202015	£11.11	£10.55
HOLE END CLOCK MAINSPRING 10mm x 0.28mm x 28mm Clock-grade steel.	0321 102515	£9.95	£9.45
HOLE END CLOCK MAINSPRING 10mm x 0.30mm x 32mm Clock-grade steel.	0810 303015	£15.95	£15.15
HOLE END CLOCK MAINSPRING 10mm x 0.40mm x 40mm Clock-grade steel.	0810 404515	£9.82	£9.33
HOLE END CLOCK MAINSPRING 10mm x 0.45mm x 45mm Clock-grade steel.	0810 454515	£10.61	£10.08
HOLE END CLOCK MAINSPRING 11mm x 0.20mm x 20mm Clock-grade steel.	0811 202015	£10.61	£10.08
HOLE END CLOCK MAINSPRING 11mm x 0.25mm x 20mm Clock-grade steel.	0811 252015	£10.71	£10.17
HOLE END CLOCK MAINSPRING 11mm x 0.25mm x 25mm Clock-grade steel.	0811 252515	£7.36	£6.99
HOLE END CLOCK MAINSPRING 11mm x 0.30mm x 30mm Clock-grade steel.	0321 113015	£11.50	£10.92
HOLE END CLOCK MAINSPRING 11mm x 0.35mm x 35mm Clock-grade steel.	0321 113515	£10.61	£10.08
HOLE END CLOCK MAINSPRING 11mm x 0.35mm x 65mm Clock-grade steel.	0811 356515	£10.61	£10.08



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HOLE END CLOCK MAINSPRING 12mm x 0.25mm x 25mm Clock-grade steel.	0321 122515	1+	£10.61
		3+	£10.08
HOLE END CLOCK MAINSPRING 12mm x 0.30mm x 25mm Clock-grade steel.	0812 302515	1+	£10.61
		3+	£10.08
HOLE END CLOCK MAINSPRING 12mm x 0.30mm x 30mm Clock-grade steel.	0321 123015	1+	£10.95
		3+	£10.40
HOLE END CLOCK MAINSPRING 12mm x 0.30mm x 32mm Clock-grade steel.	0607 123215	1+	£18.46
		3+	£16.61
HOLE END CLOCK MAINSPRING 12mm x 0.33mm x 25mm Clock-grade steel.	0607 122515	1+	£18.46
		3+	£16.61
HOLE END CLOCK MAINSPRING 12mm x 0.38mm x 24mm Clock-grade steel.	0607 122415	1+	£18.46
		3+	£16.61
HOLE END CLOCK MAINSPRING 12mm x 0.40mm x 40mm Clock-grade steel.	0321 124015	1+	£12.95
		3+	£12.30
HOLE END CLOCK MAINSPRING 12mm x 0.45mm x 45mm Clock-grade steel.	0812 454515	1+	£10.61
		3+	£10.08
HOLE END CLOCK MAINSPRING 13mm x 0.30mm x 30mm Clock-grade steel.	0321 133015	1+	£8.25
		3+	£7.84
HOLE END CLOCK MAINSPRING 13mm x 0.36mm x 30mm Clock-grade steel.	0607 133015	1+	£18.46
		3+	£16.61
HOLE END CLOCK MAINSPRING 13mm x 0.40mm x 35mm Clock-grade steel.	0813 403515	1+	£9.01
		3+	£8.56
HOLE END CLOCK MAINSPRING 13mm x 0.40mm x 40mm Clock-grade steel.	0321 134015	1+	£10.61
		3+	£10.08
HOLE END CLOCK MAINSPRING 13mm x 0.40mm x 50mm Clock-grade steel.	0813 405015	1+	£10.61
		3+	£10.08
HOLE END CLOCK MAINSPRING 13mm x 0.55mm x 32mm Clock-grade steel.	0607 133215	1+	£18.46
		3+	£16.61
HOLE END CLOCK MAINSPRING 14mm x 0.25mm x 25mm Clock-grade steel.	0321 142515	1+	£7.36
		3+	£6.99
HOLE END CLOCK MAINSPRING 14mm x 0.25mm x 30mm Clock-grade steel.	0814 253015	1+	£10.90
		3+	£10.35
HOLE END CLOCK MAINSPRING 14mm x 0.28mm x 28mm Clock-grade steel.	0814 282815	1+	£9.82
		3+	£9.33
HOLE END CLOCK MAINSPRING 14mm x 0.30mm x 30mm Clock-grade steel.	0321 143015	1+	£9.57
		3+	£9.09
		Pack of 10	£8.61
HOLE END CLOCK MAINSPRING 14mm x 0.33mm x 25mm Clock-grade steel.	0607 142515	1+	£18.46
		3+	£16.61
HOLE END CLOCK MAINSPRING 14mm x 0.35mm x 30mm Clock-grade steel.	0814 353015	1+	£14.85
		3+	£14.11
HOLE END CLOCK MAINSPRING 14mm x 0.36mm x 30mm Clock-grade steel.	0607 143015	1+	£18.46
		3+	£16.61
HOLE END CLOCK MAINSPRING 14mm x 0.40mm x 30mm Clock-grade steel.	0814 403015	1+	£6.51
		3+	£6.18
HOLE END CLOCK MAINSPRING 14mm x 0.40mm x 35mm Clock-grade steel.	0814 403515	1+	£7.42
		3+	£7.05
HOLE END CLOCK MAINSPRING 14mm x 0.40mm x 40mm Clock-grade steel.	0321 144015	1+	£7.36
		3+	£6.99
HOLE END CLOCK MAINSPRING 14mm x 0.41mm x 28mm Clock-grade steel.	0607 142815	1+	£18.46
		3+	£16.61
HOLE END CLOCK MAINSPRING 14mm x 0.45mm x 45mm Clock-grade steel.	0814 454515	1+	£19.98
		3+	£18.98
HOLE END CLOCK MAINSPRING 15mm x 0.25mm x 25mm Clock-grade steel.	0321 152515	1+	£7.36
		3+	£6.99
HOLE END CLOCK MAINSPRING 15mm x 0.25mm x 30mm Clock-grade steel.	0815 253015	1+	£7.89
		3+	£7.50
HOLE END CLOCK MAINSPRING 15mm x 0.25mm x 35mm Clock-grade steel.	0815 253515	1+	£10.61
		3+	£10.08
HOLE END CLOCK MAINSPRING 15mm x 0.30mm x 30mm Clock-grade steel.	0321 153015	1+	£9.57
		3+	£9.09
		Pack of 10	£8.61
HOLE END CLOCK MAINSPRING 15mm x 0.45mm x 45mm Clock-grade steel.	0815 454515	1+	£7.36
		3+	£6.99
HOLE END CLOCK MAINSPRING 15mm x 0.50mm x 32mm Clock-grade steel.	0607 153215	1+	£18.46
		3+	£16.61
HOLE END CLOCK MAINSPRING 16mm x 0.25mm x 25mm Clock-grade steel.	0816 252515	1+	£8.00
		3+	£7.60
HOLE END CLOCK MAINSPRING 16mm x 0.25mm x 30mm Clock-grade steel.	0816 253015	1+	£8.00
		3+	£7.60
HOLE END CLOCK MAINSPRING 16mm x 0.25mm x 50mm Clock-grade steel.	0816 255015	1+	£11.17
		3+	£10.61
HOLE END CLOCK MAINSPRING 16mm x 0.28mm x 30mm Classic range. Sold singly. Clock-grade steel.	1500 163030	1+	£7.95
HOLE END CLOCK MAINSPRING 16mm x 0.30mm x 30mm Clock-grade steel.	0321 163015	1+	£8.00
		3+	£7.60
HOLE END CLOCK MAINSPRING 16mm x 0.40mm x 40mm Clock-grade steel.	0321 164015	1+	£8.00
		3+	£7.60
HOLE END CLOCK MAINSPRING 16mm x 0.40mm x 45mm Clock-grade steel.	0816 404515	1+	£12.75
		3+	£12.11
HOLE END CLOCK MAINSPRING 16mm x 0.45mm x 40mm Clock-grade steel.	0816 454015	1+	£11.17
		3+	£10.61
HOLE END CLOCK MAINSPRING 16mm x 0.45mm x 45mm Clock-grade steel.	0321 164515	1+	£8.00
		3+	£7.60
HOLE END CLOCK MAINSPRING 16mm x 0.46mm x 36mm Clock-grade steel.	0607 163615	1+	£18.46
		3+	£16.61
HOLE END CLOCK MAINSPRING 17mm x 0.25mm x 25mm Clock-grade steel.	0817 252515	1+	£13.90
		3+	£13.20
HOLE END CLOCK MAINSPRING 17mm x 0.30mm x 25mm Clock-grade steel.	0817 302515	1+	£7.95
		3+	£7.55
HOLE END CLOCK MAINSPRING 17mm x 0.30mm x 30mm Clock-grade steel.	0321 173015	1+	£8.00
		3+	£7.60
HOLE END CLOCK MAINSPRING 17mm x 0.30mm x 35mm Clock-grade steel.	0817 303515	1+	£11.17
		3+	£10.61

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HOLE END CLOCK MAINSPRING 17mm x 0.35mm x 35mm Clock-grade steel.	0321 173515	1+	£10.40
		3+	£9.88
		Pack of 10	£9.36
HOLE END CLOCK MAINSPRING 17mm x 0.35mm x 40mm Clock-grade steel.	0817 354015	1+	£11.17
		3+	£10.61
HOLE END CLOCK MAINSPRING 17mm x 0.40mm x 40mm Clock-grade steel.	0321 174015	1+	£10.40
		3+	£9.88
		Pack of 10	£9.36
HOLE END CLOCK MAINSPRING 17mm x 0.40mm x 45mm Clock-grade steel.	0817 404515	1+	£11.17
		3+	£10.61
HOLE END CLOCK MAINSPRING 17mm x 0.40mm x 50mm Clock-grade steel.	0817 405015	1+	£13.72
		3+	£13.03
HOLE END CLOCK MAINSPRING 17mm x 0.45mm x 45mm Clock-grade steel.	0321 174515	1+	£10.40
		3+	£9.88
		Pack of 10	£9.36
HOLE END CLOCK MAINSPRING 17mm x 0.50mm x 45mm Clock-grade steel.	0817 504515	1+	£11.17
		3+	£10.61
HOLE END CLOCK MAINSPRING 18mm x 0.25mm x 25mm Clock-grade steel.	0321 182515	1+	£8.00
		3+	£7.60
HOLE END CLOCK MAINSPRING 18mm x 0.25mm x 30mm Clock-grade steel.	0818 253015	1+	£10.40
		3+	£9.88
		Pack of 10	£9.36
HOLE END CLOCK MAINSPRING 18mm x 0.25mm x 35mm Clock-grade steel.	0321 180015	1+	£11.17
		3+	£10.61
HOLE END CLOCK MAINSPRING 18mm x 0.30mm x 30mm Clock-grade steel.	0321 183015	1+	£10.40
		3+	£9.88
		Pack of 10	£9.36
HOLE END CLOCK MAINSPRING 18mm x 0.35mm x 35mm Clock-grade steel.	0321 183515	1+	£8.00
		3+	£7.60
HOLE END CLOCK MAINSPRING 18mm x 0.35mm x 40mm Clock-grade steel.	0818 354015	1+	£11.17
		3+	£10.61
HOLE END CLOCK MAINSPRING 18mm x 0.40mm x 40mm Clock-grade steel.	0321 184015	1+	£10.40
		3+	£9.88
		Pack of 10	£10.40
HOLE END CLOCK MAINSPRING 18mm x 0.40mm x 45mm Clock-grade steel.	0818 404515	1+	£10.40
		3+	£9.88
		Pack of 10	£9.36
HOLE END CLOCK MAINSPRING 18mm x 0.41mm x 32mm Clock-grade steel.	0607 183215	1+	£18.46
		3+	£16.61
HOLE END CLOCK MAINSPRING 18mm x 0.45mm x 40mm Clock-grade steel.	0818 454015	1+	£8.00
		3+	£7.60
HOLE END CLOCK MAINSPRING 18mm x 0.45mm x 45mm Clock-grade steel.	0321 184515	1+	£10.40
		3+	£9.88
		Pack of 10	£9.36
HOLE END CLOCK MAINSPRING 18mm x 0.46mm x 38mm Clock-grade steel.	0607 183815	1+	£18.46
		3+	£16.61
HOLE END CLOCK MAINSPRING 18mm x 0.50mm x 45mm Clock-grade steel.	0818 504515	1+	£10.40
		3+	£9.88
		Pack of 10	£9.36
HOLE END CLOCK MAINSPRING 18mm x 0.50mm x 50mm Clock-grade steel.	0818 505015	1+	£11.17
		3+	£10.61
HOLE END CLOCK MAINSPRING 19mm x 0.25mm x 25mm Clock-grade steel.	0819 252515	1+	£8.00
		3+	£7.60
HOLE END CLOCK MAINSPRING 19mm x 0.30mm x 30mm Clock-grade steel.	0321 193015	1+	£10.40
		3+	£9.88
		Pack of 10	£9.36
HOLE END CLOCK MAINSPRING 19mm x 0.30mm x 35mm Clock-grade steel.	0819 303515	1+	£8.00
		3+	£7.20
HOLE END CLOCK MAINSPRING 19mm x 0.40mm x 35mm Clock-grade steel.	0819 403515	1+	£11.17
		3+	£10.05
HOLE END CLOCK MAINSPRING 19mm x 0.40mm x 40mm Clock-grade steel.	0321 194015	1+	£8.00
		3+	£7.60
HOLE END CLOCK MAINSPRING 19mm x 0.40mm x 45mm Clock-grade steel.	0819 404515	1+	£11.17
		3+	£10.05
HOLE END CLOCK MAINSPRING 19mm x 0.40mm x 65mm Clock-grade steel.	0819 406515	1+	£32.33
		3+	£29.10
HOLE END CLOCK MAINSPRING 19mm x 0.41mm x 38mm Clock-grade steel.	0607 193815	1+	£18.46
		3+	£16.61
HOLE END CLOCK MAINSPRING 19mm x 0.43mm x 36mm Clock-grade steel.	0607 193615	1+	£18.46
		3+	£16.61
HOLE END CLOCK MAINSPRING 19mm x 0.45mm x 45mm Clock-grade steel.	0321 194515	1+	£10.40
		3+	£9.88
		Pack of 10	£9.36
HOLE END CLOCK MAINSPRING 19mm x 0.50mm x 50mm Clock-grade steel.	0819 505015	1+	£11.17
		3+	£10.05
HOLE END CLOCK MAINSPRING 20mm x 0.25mm x 30mm Clock-grade steel.	0820 253015	1+	£10.40
		3+	£9.88
		Pack of 10	£9.36
HOLE END CLOCK MAINSPRING 20mm x 0.30mm x 30mm Clock-grade steel.	0321 203015	1+	£10.40
		3+	£9.88
		Pack of 10	£9.36
HOLE END CLOCK MAINSPRING 20mm x 0.30mm x 35mm Clock-grade steel.	0820 303515	1+	£11.95
		3+	£10.75
HOLE END CLOCK MAINSPRING 20mm x 0.35mm x 35mm Clock-grade steel.	0321 203515	1+	£10.40
		3+	£9.88
HOLE END CLOCK MAINSPRING 20mm x 0.40mm x 35mm Clock-grade steel.	0820 403515	1+	£7.95
		3+	£7.15
HOLE END CLOCK MAINSPRING 20mm x 0.40mm x 40mm Clock-grade steel.	0321 204015	1+	£10.13
		3+	£9.62
HOLE END CLOCK MAINSPRING 20mm x 0.40mm x 45mm Clock-grade steel.	0820 404515	1+	£10.54
		3+	£9.49
HOLE END CLOCK MAINSPRING 20mm x 0.41mm x 38mm Clock-grade steel.	0607 203815	1+	£21.65
		3+	£19.48
HOLE END CLOCK MAINSPRING 20mm x 0.45mm x 45mm Clock-grade steel.	0321 204515	1+	£16.06
		3+	£15.26
		Pack of 10	£14.45
HOLE END CLOCK MAINSPRING 20mm x 0.45mm x 65mm Clock-grade steel.	0820 456515	1+	£26.44
		3+	£23.80
HOLE END CLOCK MAINSPRING 20mm x 0.50mm x 45mm Clock-grade steel.	0820 504515	1+	£14.84
		3+	£13.36

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HOLE END CLOCK MAINSPRING 20mm x 0.50mm x 50mm Clock-grade steel.	0820 505015	1+	£16.96
		3+	£15.26
HOLE END CLOCK MAINSPRING 20mm x 0.50mm x 55mm Clock-grade steel.	0820 505515	1+	£19.08
		3+	£17.17
HOLE END CLOCK MAINSPRING 20mm x 0.50mm x 60mm Clock-grade steel.	0820 506015	1+	£21.20
		3+	£19.08
HOLE END CLOCK MAINSPRING 20mm x 0.60mm x 65mm Clock-grade steel.	0321 206515	1+	£36.12
		3+	£34.31
HOLE END CLOCK MAINSPRING 21mm x 0.25mm x 30mm Clock-grade steel.	0821 253015	1+	£12.43
		3+	£11.19
HOLE END CLOCK MAINSPRING 21mm x 0.30mm x 30mm Clock-grade steel.	0821 303015	1+	£12.02
		3+	£11.42
		Pack of 10	£10.82
HOLE END CLOCK MAINSPRING 21mm x 0.38mm x 50mm Clock-grade steel.	0607 215015	1+	£20.67
		3+	£18.60
HOLE END CLOCK MAINSPRING 21mm x 0.40mm x 35mm Clock-grade steel.	0821 403515	1+	£12.72
		3+	£11.45
HOLE END CLOCK MAINSPRING 21mm x 0.40mm x 40mm Clock-grade steel.	0821 404015	1+	£13.25
		3+	£11.92
HOLE END CLOCK MAINSPRING 21mm x 0.40mm x 45mm Clock-grade steel.	0821 404515	1+	£13.78
		3+	£12.40
HOLE END CLOCK MAINSPRING 21mm x 0.40mm x 50mm Clock-grade steel.	0821 405015	1+	£14.31
		3+	£12.88
HOLE END CLOCK MAINSPRING 21mm x 0.45mm x 45mm Clock-grade steel.	0321 214515	1+	£10.13
		3+	£9.62
HOLE END CLOCK MAINSPRING 22mm x 0.25mm x 28mm Clock-grade steel.	0822 252815	1+	£12.43
		3+	£11.19
HOLE END CLOCK MAINSPRING 22mm x 0.30mm x 30mm Clock-grade steel.	0321 223015	1+	£12.02
		3+	£11.42
		Pack of 10	£10.82
HOLE END CLOCK MAINSPRING 22mm x 0.30mm x 35mm Clock-grade steel.	0822 303515	1+	£12.43
		3+	£11.19
HOLE END CLOCK MAINSPRING 22mm x 0.30mm x 40mm Clock-grade steel.	0822 304015	1+	£13.72
		3+	£12.35
HOLE END CLOCK MAINSPRING 22mm x 0.40mm x 35mm Clock-grade steel.	0822 403515	1+	£12.43
		3+	£11.19
HOLE END CLOCK MAINSPRING 22mm x 0.40mm x 40mm Clock-grade steel.	0321 224015	1+	£12.45
		3+	£11.83
HOLE END CLOCK MAINSPRING 22mm x 0.40mm x 45mm Clock-grade steel.	0822 404515	1+	£12.43
		3+	£11.19
HOLE END CLOCK MAINSPRING 22mm x 0.40mm x 50mm Clock-grade steel.	0822 405015	1+	£14.31
		3+	£12.88
HOLE END CLOCK MAINSPRING 22mm x 0.40mm x 55mm Clock-grade steel.	0822 405515	1+	£16.90
		3+	£15.21
HOLE END CLOCK MAINSPRING 22mm x 0.45mm x 40mm Clock-grade steel.	0822 454015	1+	£11.50
		3+	£10.35
HOLE END CLOCK MAINSPRING 22mm x 0.45mm x 45mm Clock-grade steel.	0321 224515	1+	£13.45
		3+	£12.78
HOLE END CLOCK MAINSPRING 22mm x 0.45mm x 50mm Clock-grade steel.	0822 455015	1+	£15.84
		3+	£14.26
HOLE END CLOCK MAINSPRING 22mm x 0.45mm x 55mm Clock-grade steel.	0822 455515	1+	£16.85
		3+	£15.16
HOLE END CLOCK MAINSPRING 22mm x 0.50mm x 50mm Clock-grade steel.	0822 505015	1+	£12.43
		3+	£11.19
HOLE END CLOCK MAINSPRING 22mm x 0.60mm x 60mm Clock-grade steel.	0321 226015	1+	£37.36
		3+	£35.49
HOLE END CLOCK MAINSPRING 24mm x 0.30mm x 30mm Clock-grade steel.	0824 303015	1+	£12.43
		3+	£11.81
HOLE END CLOCK MAINSPRING 24mm x 0.30mm x 40mm Clock-grade steel.	0824 304015	1+	£13.78
HOLE END CLOCK MAINSPRING 24mm x 0.35mm x 35mm Clock-grade steel.	0824 353515	1+	£12.43
		3+	£11.81
HOLE END CLOCK MAINSPRING 24mm x 0.40mm x 40mm Clock-grade steel.	0321 244015	1+	£12.02
		3+	£11.42
		Pack of 10	£10.82
HOLE END CLOCK MAINSPRING 24mm x 0.45mm x 45mm Clock-grade steel.	0321 244515	1+	£10.74
		3+	£10.20
HOLE END CLOCK MAINSPRING 24mm x 0.45mm x 50mm Clock-grade steel.	0824 455015	1+	£13.00
		3+	£11.70
HOLE END CLOCK MAINSPRING 24mm x 0.45mm x 70mm Clock-grade steel.	0824 457015	1+	£41.34
		3+	£37.21
HOLE END CLOCK MAINSPRING 24mm x 0.50mm x 50mm Clock-grade steel.	0321 245015	1+	£12.61
		3+	£11.98
		Pack of 10	£11.35
HOLE END CLOCK MAINSPRING 25mm x 0.35mm x 35mm Clock-grade steel.	0825 353515	1+	£10.13
		3+	£9.12
HOLE END CLOCK MAINSPRING 25mm x 0.35mm x 44mm Clock-grade steel.	0825 354415	1+	£12.43
		3+	£11.19
HOLE END CLOCK MAINSPRING 25mm x 0.40mm x 40mm Clock-grade steel.	0825 404015	1+	£13.11
		3+	£11.80
HOLE END CLOCK MAINSPRING 25mm x 0.45mm x 50mm Clock-grade steel.	0321 254515	1+	£18.55
		3+	£17.62
HOLE END CLOCK MAINSPRING 25mm x 0.50mm x 50mm Clock-grade steel.	0825 505015	1+	£12.43
		3+	£11.19
HOLE END CLOCK MAINSPRING 25mm x 0.55mm x 50mm Clock-grade steel.	0825 555015	1+	£17.43
		3+	£15.69
HOLE END CLOCK MAINSPRING 25mm x 0.55mm x 60mm Clock-grade steel.	0825 556015	1+	£20.98
		3+	£18.88
HOLE END CLOCK MAINSPRING 26mm x 0.40mm x 65mm Clock-grade steel.	0826 406515	1+	£12.43
		3+	£11.19
HOLE END CLOCK MAINSPRING 26mm x 0.45mm x 45mm Clock-grade steel.	0826 454515	1+	£13.11
		3+	£11.80
HOLE END CLOCK MAINSPRING 27mm x 0.35mm x 45mm Clock-grade steel.	0827 354515	1+	£12.43
		3+	£11.19
HOLE END CLOCK MAINSPRING 27mm x 0.45mm x 45mm Clock-grade steel.	0321 274515	1+	£12.61
		3+	£11.98
HOLE END CLOCK MAINSPRING 27mm x 0.45mm x 50mm Clock-grade steel.	0827 455015	1+	£12.97
		3+	£11.67

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HOLE END CLOCK MAINSPRING 28mm x 0.40mm x 40mm Clock-grade steel.	0828 404015	1+	£13.67
		3+	£12.30
HOLE END CLOCK MAINSPRING 28mm x 0.45mm x 45mm Clock-grade steel.	0828 454515	1+	£13.67
		3+	£12.30
HOLE END CLOCK MAINSPRING 28mm x 0.50mm x 50mm Clock-grade steel.	0828 505015	1+	£13.67
		3+	£12.30
HOLE END CLOCK MAINSPRING 28mm x 0.55mm x 55mm Clock-grade steel.	0828 555515	1+	£13.67
		3+	£12.30
HOLE END CLOCK MAINSPRING 29mm x 0.40mm x 54mm Clock-grade steel.	0321 295415	1+	£17.49
		3+	£16.62
HOLE END CLOCK MAINSPRING 29mm x 0.40mm x 64mm Clock-grade steel.	0321 296415	1+	£18.97
		3+	£18.02
HOLE END CLOCK MAINSPRING 30mm x 0.45mm x 45mm Clock-grade steel.	0830 454515	1+	£13.67
		3+	£12.30
HOLE END CLOCK MAINSPRING 30mm x 0.60mm x 60mm Clock-grade steel.	0830 606015	1+	£49.66
		3+	£44.69
HOLE END CLOCK MAINSPRING 30mm x 0.65mm x 60mm Clock-grade steel.	0830 656015	1+	£54.48
		3+	£49.03
HOLE END CLOCK MAINSPRING 31mm x 0.30mm x 30mm Clock-grade steel.	0831 303015	1+	£15.64
		3+	£14.08
HOLE END CLOCK MAINSPRING 31mm x 0.30mm x 35mm Clock-grade steel.	0831 303515	1+	£15.64
		3+	£14.08
HOLE END CLOCK MAINSPRING 31mm x 0.30mm x 45mm Clock-grade steel.	0831 304515	1+	£15.64
		3+	£14.08
HOLE END CLOCK MAINSPRING 31mm x 0.30mm x 50mm Clock-grade steel.	0831 305015	1+	£15.64
		3+	£14.08
HOLE END CLOCK MAINSPRING 32mm x 0.40mm x 45mm Clock-grade steel.	0832 404515	1+	£19.25
		3+	£17.32
HOLE END CLOCK MAINSPRING 32mm x 0.40mm x 50mm Clock-grade steel.	0321 325015	1+	£20.39
		3+	£19.37
HOLE END CLOCK MAINSPRING 32mm x 0.40mm x 55mm Clock-grade steel.	0832 405515	1+	£27.56
		3+	£24.80
HOLE END CLOCK MAINSPRING 32mm x 0.40mm x 60mm Clock-grade steel.	0832 406015	1+	£33.92
		3+	£30.53
HOLE END CLOCK MAINSPRING 32mm x 0.45mm x 45mm Clock-grade steel.	0832 454515	1+	£17.49
		3+	£15.74
HOLE END CLOCK MAINSPRING 32mm x 0.45mm x 51mm Clock-grade steel.	0321 325115	1+	£18.55
		3+	£17.62
HOLE END CLOCK MAINSPRING 32mm x 0.45mm x 54mm Clock-grade steel.	0321 325415	1+	£23.85
		3+	£22.66
HOLE END CLOCK MAINSPRING 32mm x 0.50mm x 50mm Clock-grade steel.	0832 505015	1+	£13.18
		3+	£11.86
HOLE END CLOCK MAINSPRING 35mm x 0.40mm x 40mm Clock-grade steel.	0835 404015	1+	£21.90
		3+	£19.71
HOLE END CLOCK MAINSPRING 35mm x 0.40mm x 45mm Clock-grade steel.	0835 404515	1+	£25.50
		3+	£22.95
HOLE END CLOCK MAINSPRING 35mm x 0.40mm x 50mm Clock-grade steel.	0835 405015	1+	£28.90
		3+	£26.01
HOLE END CLOCK MAINSPRING 35mm x 0.40mm x 55mm Clock-grade steel.	0835 405515	1+	£31.50
		3+	£28.35
HOLE END CLOCK MAINSPRING 35mm x 0.45mm x 45mm Clock-grade steel.	0321 354515	1+	£21.73
		3+	£20.64
HOLE END CLOCK MAINSPRING 35mm x 0.45mm x 51mm Clock-grade steel.	0321 355115	1+	£27.40
		3+	£26.03
		Pack of 10	£24.66
HOLE END CLOCK MAINSPRING 35mm x 0.45mm x 54mm Clock-grade steel.	0321 355415	1+	£29.85
		3+	£28.36
		Pack of 10	£26.86
HOLE END CLOCK MAINSPRING 35mm x 0.45mm x 57mm Clock-grade steel.	0321 355715	1+	£36.57
		3+	£34.74
HOLE END CLOCK MAINSPRING 35mm x 0.45mm x 64mm Clock-grade steel.	0321 356415	1+	£38.16
		3+	£36.25
HOLE END CLOCK MAINSPRING 35mm x 0.50mm x 50mm Clock-grade steel.	0835 505015	1+	£28.46
		3+	£25.61
HOLE END CLOCK MAINSPRING 35mm x 0.50mm x 55mm Clock-grade steel.	0835 505515	1+	£31.37
		3+	£28.23
HOLE END CLOCK MAINSPRING 35mm x 0.55mm x 55mm Clock-grade steel.	0835 555515	1+	£31.58
		3+	£28.42
HOLE END CLOCK MAINSPRING 35mm x 0.55mm x 65mm Clock-grade steel.	0835 556515	1+	£40.81
HOLE END CLOCK MAINSPRING 35mm x 0.70mm x 112mm Clock-grade steel.	0835 703315	1+	£32.52
HOLE END CLOCK MAINSPRING 38mm x 0.40mm x 50mm Clock-grade steel.	0838 405015	1+	£28.56
		3+	£25.70
HOLE END CLOCK MAINSPRING 38mm x 0.40mm x 55mm Clock-grade steel.	0838 405715	1+	£31.80
		3+	£28.62
HOLE END CLOCK MAINSPRING 38mm x 0.40mm x 60mm Clock-grade steel.	0838 406015	1+	£34.45
		3+	£31.00
HOLE END CLOCK MAINSPRING 38mm x 0.40mm x 70mm Clock-grade steel.	0838 407015	1+	£58.30
		3+	£52.47
HOLE END CLOCK MAINSPRING 38mm x 0.45mm x 45mm Clock-grade steel.	0321 384515	1+	£31.27
		3+	£29.71
HOLE END CLOCK MAINSPRING 38mm x 0.45mm x 51mm Clock-grade steel.	0321 385115	1+	£32.40
		3+	£30.78
HOLE END CLOCK MAINSPRING 38mm x 0.45mm x 54mm Clock-grade steel.	0321 385415	1+	£33.39
		3+	£31.72
		Pack of 10	£30.05
HOLE END CLOCK MAINSPRING 38mm x 0.45mm x 57mm Clock-grade steel.	0321 385715	1+	£34.98
		3+	£33.23
HOLE END CLOCK MAINSPRING 38mm x 0.45mm x 60mm Clock-grade steel.	0321 386015	1+	£37.10
		3+	£35.24
HOLE END CLOCK MAINSPRING 38mm x 0.45mm x 64mm Clock-grade steel.	0321 386415	1+	£39.75
		3+	£37.76
HOLE END CLOCK MAINSPRING 38mm x 0.45mm x 70mm Clock-grade steel.	0838 457015	1+	£55.12
		3+	£49.61
HOLE END CLOCK MAINSPRING 38mm x 0.50mm x 50mm Clock-grade steel.	0838 505015	1+	£34.45
		3+	£31.00
HOLE END CLOCK MAINSPRING 38mm x 0.50mm x 55mm Clock-grade steel.	0838 505515	1+	£36.57
		3+	£32.91




# 1. Driving Mechanism

HOLE END CLOCK MAINSPRING 38mm x 0.50mm x 60mm Clock-grade steel.	0838 506015	1+	£40.81
		3+	£36.73
HOLE END CLOCK MAINSPRING 38mm x 0.60mm x 55mm Clock-grade steel.	0838 605515	1+	£19.11
		3+	£17.20
HOLE END CLOCK MAINSPRING 38mm x 0.70mm x 70mm Clock-grade steel.	0838 707015	1+	£86.92
		3+	£78.23
HOLE END CLOCK MAINSPRING 38mm x 0.70mm x 80mm Clock-grade steel.	0838 708015	1+	£94.34
		3+	£84.91
HOLE END CLOCK MAINSPRING 40mm x 0.45mm x 45mm Clock-grade steel.	0840 454515	1+	£31.80
		3+	£28.62
HOLE END CLOCK MAINSPRING 40mm x 0.45mm x 50mm Clock-grade steel.	0840 455115	1+	£32.86
		3+	£29.57
HOLE END CLOCK MAINSPRING 40mm x 0.45mm x 57mm Clock-grade steel.	0840 455715	1+	£40.28
		3+	£36.25
HOLE END CLOCK MAINSPRING 40mm x 0.50mm x 50mm Clock-grade steel.	0840 505015	1+	£31.69
		3+	£28.52
HOLE END CLOCK MAINSPRING 41mm x 0.45mm x 51mm Clock-grade steel.	0321 415115	1+	£19.36
		3+	£18.39
HOLE END CLOCK MAINSPRING 41mm x 0.45mm x 54mm Clock-grade steel.	0321 415415	1+	£19.36
		3+	£18.39
HOLE END CLOCK MAINSPRING 41mm x 0.45mm x 57mm Clock-grade steel.	0321 415715	1+	£19.36
		3+	£18.39
HOLE END CLOCK MAINSPRING 41mm x 0.45mm x 64mm Clock-grade steel.	0321 416415	1+	£19.36
		3+	£18.39
HOLE END CLOCK MAINSPRING 45mm x 0.45mm x 54mm Clock-grade steel.	0321 455415	1+	£19.36
		3+	£18.39
HOLE END CLOCK MAINSPRING 45mm x 0.65mm x 65mm Clock-grade steel.	0845 606515	1+	£50.35
		3+	£45.31
HOLE END CLOCK MAINSPRING 51mm x 0.50mm x 50mm Clock-grade steel.	0851 505015	1+	£23.10
		3+	£20.79

## HOLE END TIME RECORDER SPRING

Also suitable for use as hole end clock mainspring.


Price per unit in £ on 15/08/2017

	HOLE END CLOCK MAINSPRING 35mm x 0.70mm x 112mm Clock-grade steel. Suitable for time recorders.	0835 703315	1+	£32.52

## MAINSRING STEEL IN COILS - VARIOUS SIZES

Fixed lengths of clock-grade carbon steel, sheared ends only. We may be able to supply specific lengths as required, please phone with requests.

Price per unit in £ on 15/08/2017

	SPRING STEEL COIL, 5.5mm X 0.45 X 1300mm Straight cut ends.	1432 005515	1+	£9.45
	SPRING STEEL COIL, 5.7mm X 0.45 X 1300mm Straight cut ends.	1432 005715	1+	£9.45
	SPRING STEEL COIL, 7mm X 0.45 X 1300mm Straight cut ends.	1432 000715	1+	£9.45
	SPRING STEEL 3m, 19mm x 0.35mm When we relocated to Brighton we found some spring steel, made in the UK 30 years ago. Sheared ends. Due to its age, some may have superficial rust marks. The quality is far in excess of that used by British spring makers today.	1432 303415	1+	£9.45
	SPRING STEEL 3m, 22mm x 0.35mm When we relocated to Brighton we found some spring steel, made in the UK 30 years ago. Sheared ends. Due to its age, some may have superficial rust marks. The quality is far in excess of that used by British spring makers today.	1432 307815	1+	£9.45
	SPRING STEEL 3m, 35mm x 0.45mm When we relocated to Brighton we found some spring steel, made in the UK 30 years ago. Sheared ends. Due to its age, some may have superficial rust marks. The quality is far in excess of that used by British spring makers today.	1432 313815	1+	£10.44
	SPRING STEEL 3m, 35mm x 0.55mm When we relocated to Brighton we found some spring steel, made in the UK 30 years ago. Sheared ends. Due to its age, some may have superficial rust marks. The quality is far in excess of that used by British spring makers today.	1432 355515	1+	£19.00

## LOOP END CLOCK MAINSPRINGS


The measurements required to identify a spring are: Width in mm, Strength or thickness in mm and Length in mm.

It makes no difference to the clock if the end is riveted or not. Although American clocks were originally fitted with riveted end springs, it is much easier to replace them with open loops. Riveted ends can be removed simply by heating to red heat and cutting off with snips. Assemble the clock with no springs. This makes it easier to get all the striking train in the correct sequence. Simply fit the inner end to the arbor, and wind most of the material onto the clock. Slip the open loop over the pillar, ensuring that the tail fits between the coils.

Mainspring clamps ref: 0249 000215 are ideal for holding loop end springs while working on the movement. Please refer to the index.

## LOOP END CLOCK MAINSPRINGS

Price per unit in £ on 15/08/2017


	LOOP END CLOCK MAINSPRING 4.0mm x 0.25mm x 800mm	2040 250815	1+	£5.44
			3+	£4.90
	LOOP END CLOCK MAINSPRING 4.0mm x 0.30mm x 670mm	2040 300615	1+	£8.30
			3+	£7.47
	LOOP END CLOCK MAINSPRING 5.0mm x 0.25mm x 600mm	2050 250615	1+	£5.69
			3+	£5.12
	LOOP END CLOCK MAINSPRING 5.0mm x 0.35mm x 650mm	2050 350615	1+	£8.22
			3+	£7.40
	LOOP END CLOCK MAINSPRING 6.0mm x 0.30mm x 800mm	2060 300815	1+	£11.68
			3+	£10.51
	LOOP END CLOCK MAINSPRING 6.0mm x 0.40mm x 1000mm	2060 401015	1+	£9.75
			3+	£8.77
	LOOP END CLOCK MAINSPRING 6.4mm x 0.31mm x 1041mm	2060 301015	1+	£6.44
			3+	£5.80
	LOOP END CLOCK MAINSPRING 6.4mm x 0.41mm x 1370mm	2064 411315	1+	£7.16
			3+	£6.44
LOOP END CLOCK MAINSPRING 6.7mm x 0.40mm x 1000mm	2067 401015	1+	£5.88	
		3+	£5.29	
LOOP END CLOCK MAINSPRING 7.0mm x 0.22mm x 1500mm	2070 220115	1+	£11.80	
		3+	£10.62	
LOOP END CLOCK MAINSPRING 7.0mm x 0.30mm x 1000mm	2070 301015	1+	£9.54	
		3+	£8.59	
LOOP END CLOCK MAINSPRING 7.0mm x 0.45mm x 1200mm	2070 451215	1+	£11.45	
		3+	£10.30	

# 1. Driving Mechanism

LOOP END CLOCK MAINSPRING 7.5mm x 0.25mm x 800mm	2075 250815	1+	£6.33
		3+	£5.70
LOOP END CLOCK MAINSPRING 7.5mm x 0.20mm x 1500mm	2075 201515	1+	£7.65
		3+	£6.88
LOOP END CLOCK MAINSPRING 7.5mm x 0.32mm x 950mm	2075 320915	1+	£10.85
		3+	£9.76
LOOP END CLOCK MAINSPRING 7.5mm x 0.40mm x 1100mm	2075 401115	1+	£11.95
		3+	£10.75
LOOP END CLOCK MAINSPRING 8.0mm x 0.25mm x 600mm	2080 250615	1+	£6.75
		3+	£6.07
LOOP END CLOCK MAINSPRING 8.0mm x 0.25mm x 800mm	2080 250815	1+	£14.21
		3+	£12.79
LOOP END CLOCK MAINSPRING 8.0mm x 0.30mm x 1000mm	2080 301015	1+	N/A
		3+	N/A
LOOP END CLOCK MAINSPRING 8.0mm x 0.38mm x 1066mm	2080 384215	1+	£7.10
		3+	£13.24
LOOP END CLOCK MAINSPRING 8.0mm x 0.40mm x 1000mm	2080 401015	1+	£11.92
		3+	£12.30
LOOP END CLOCK MAINSPRING 8.0mm x 0.40mm x 1800mm	2080 381015	1+	£11.07
		3+	£14.75
LOOP END CLOCK MAINSPRING 8.0mm x 0.50mm x 1300mm	2080 511315	1+	£13.27
		3+	£12.10
LOOP END CLOCK MAINSPRING 9.0mm x 0.40mm x 1000mm	2090 401015	1+	£12.10
		3+	£10.89
LOOP END CLOCK MAINSPRING 9.0mm x 0.45mm x 1300mm	2090 451315	1+	£12.90
		3+	£11.61
LOOP END CLOCK MAINSPRING 9.5mm x 0.35mm x 1346mm	2095 351215	1+	£7.95
		3+	£7.15
LOOP END CLOCK MAINSPRING 9.5mm x 0.36mm x 1524mm	2095 361515	1+	£9.95
		3+	£8.95
LOOP END CLOCK MAINSPRING 9.5mm x 0.48mm x 1219mm	2095 481215	1+	£8.37
		3+	£7.53
LOOP END CLOCK MAINSPRING 9.5mm x 0.36mm x 1219mm	2090 364815	1+	£7.65
		3+	£10.66
LOOP END CLOCK MAINSPRING 10.0mm x 0.40mm x 1000mm	2100 401015	1+	£9.59
		3+	£9.42
LOOP END CLOCK MAINSPRING 11mm x 0.36mm x 1829mm	2011 361815	1+	£8.48
		3+	£12.38
LOOP END CLOCK MAINSPRING 11.0mm x 0.46mm x 1219mm	2011 461215	1+	£11.14
		3+	£12.30
LOOP END CLOCK MAINSPRING 12.7mm x 0.41mm x 1676mm	2012 411615	1+	£11.07
		3+	£14.95
LOOP END CLOCK MAINSPRING 12.7mm x 0.46mm x 2438mm	2012 462415	1+	£13.45
		3+	£12.40
LOOP END CLOCK MAINSPRING 14.3mm x 0.38mm x 1980mm	2014 381915	1+	£11.16
		3+	£17.25
LOOP END CLOCK MAINSPRING 14.3mm x 0.46mm x 2438mm	2014 462415	1+	£15.52
		3+	£12.40
LOOP END CLOCK MAINSPRING 16mm x 0.33mm x 1753mm	2016 331715	1+	£11.16
		3+	£7.65
LOOP END CLOCK MAINSPRING 16.0mm x 0.46mm x 2430mm	2016 462415	1+	£6.88
		3+	N/A
LOOP END CLOCK MAINSPRING 17.5mm x 0.38mm x 2743mm	2017 382715	1+	N/A
		3+	N/A
LOOP END CLOCK MAINSPRING 17.5mm x 0.46mm x 2430mm	2017 462415	1+	£7.65
		3+	£6.88
LOOP END CLOCK MAINSPRING 19mm x 0.32mm x 1800mm	2190 321815	1+	£15.03
		3+	£13.53
LOOP END CLOCK MAINSPRING 19mm x 0.36mm x 2743mm	2190 362715	1+	£16.25
		3+	£14.62
LOOP END CLOCK MAINSPRING 19mm x 0.40mm x 4200mm 31 day clocks.	2190 404215	1+	£16.25
		3+	£14.62
LOOP END CLOCK MAINSPRING 19mm x 0.43mm x 3040mm 31 day clocks.	2190 433015	1+	£17.55
		3+	£15.79
LOOP END CLOCK MAINSPRING 19mm x 0.45mm x 2430mm	2190 452415	1+	£16.25
		3+	£14.62

## BRASS FUSEE SET-UP RATCHET


Price per unit in £ on 15/08/2017

	BRASS FUSEE SET-UP RATCHET 25mm diameter solid brass ratchet wheel. 3mm thick. 5mm square centre hole.	1191 000115	1+	£14.99
			3+	£13.49

## RATCHET WHEELS

2mm thick, with small hole.

Price per unit in £ on 15/08/2017


























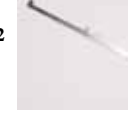

	BRASS RATCHET WHEEL FOR CLOCKS 10mm	0335 001015	1+	£2.30
			3+	£2.07
	BRASS RATCHET WHEEL FOR CLOCKS 11mm	0335 001115	1+	£2.30
			3+	£2.07
	BRASS RATCHET WHEEL FOR CLOCKS 12mm	0335 001215	1+	£2.30
			3+	£2.07
	BRASS RATCHET WHEEL FOR CLOCKS 13mm	0335 001315	1+	£2.30
			3+	£2.07
	BRASS RATCHET WHEEL FOR CLOCKS 14mm	0335 001415	1+	£2.30
			3+	£2.07
	BRASS RATCHET WHEEL FOR CLOCKS 15mm	0335 001515	1+	£2.30
			3+	£2.07
	BRASS RATCHET WHEEL FOR CLOCKS 16mm	0335 001615	1+	£2.30
			3+	£2.07
BRASS RATCHET WHEEL FOR CLOCKS 17mm	0335 001715	1+	£2.30	
		3+	£2.07	
BRASS RATCHET WHEEL FOR CLOCKS 18mm	0335 001815	1+	£2.99	
		3+	£2.69	
BRASS RATCHET WHEEL FOR CLOCKS 19mm	0335 001915	1+	£2.99	
		3+	£2.69	

# 1. Driving Mechanism

BRASS RATCHET WHEEL FOR CLOCKS 20mm	0335 002015	1+	£3.25
		3+	£2.92
BRASS RATCHET WHEEL FOR CLOCKS 21mm	0335 002115	1+	£3.25
		3+	£2.92
BRASS RATCHET WHEEL FOR CLOCKS 22mm	0335 002215	1+	£3.25
		3+	£2.92
BRASS RATCHET WHEEL FOR CLOCKS 23mm	0335 002315	1+	£3.25
		3+	£2.92
BRASS RATCHET WHEEL FOR CLOCKS 24mm	0335 002415	1+	£3.25
		3+	£2.92
RATCHET WHEEL SET 1 each of 11mm - 20mm.	0335 000115	1+	£14.44

## CLICKS - FOR MASS PRODUCED CLOCKS

(For actual sizes, see appendix)

1 	2 	3 	4 	5 	6 	7 
8 	9 	10 	11 	12 	13 	14 
15 	16 	17 	18 	19 	20 	21 
22 	23 	24 	25 	26 	27 	28 
29 	30 	31 	32 	33 	34 	35 
36 	37 	38 	39 	40 	41 	42 
43 	Call Harvey for Same day dispatch* * Conditions apply		Call Harvey for Postage free delivery* * Conditions apply	Call HARVEY on 0800 328 9435	M & P Key Suppliers to Clockmakers	

Price per unit in £ on 15/08/2017


1 CLICK - MASS PRODUCED CLOCKS NO. 1, LEFT: Length from curve to end, 22mm. Length from eyelet to end, 7.5mm.	0509 000115	1+	£5.44
2 CLICK - MASS PRODUCED CLOCKS NO. 2, RIGHT: Length from curve to end, 23mm. Length from eyelet to end, 7.5mm.	0509 000215	1+	£5.44
3 CLICK - MASS PRODUCED CLOCKS NO. 3: Full length, 47mm. Length from eyelet to end, 6.5mm.	0509 000315	1+	£3.19
4 CLICK - MASS PRODUCED CLOCKS NO. 4: Full length, 47mm. Length from eyelet to end, 6.25mm.	0509 000415	1+	£3.19
5 CLICK - MASS PRODUCED CLOCKS NO. 5: Full width, 41mm. Length from eyelet to end, 10.5mm.	0509 000515	1+	£5.25
6 CLICK - MASS PRODUCED CLOCKS NO. 6: Full width, 23mm. Length from eyelet to end, 7.15mm.	0509 000615	1+	£5.25
7 CLICK - MASS PRODUCED CLOCKS NO. 7: Mouth width, 10mm. Length from eyelet to end, 6mm.	0509 000715	1+	£5.25
8 CLICK - MASS PRODUCED CLOCKS NO. 8: Mouth width, 10mm. Length from eyelet to end, 6mm.	0509 000815	1+	£5.25
9 CLICK - MASS PRODUCED CLOCKS NO. 9: Full length, 30mm. Mouth width, 11mm. Length from eyelet to end, 8mm.	0509 000915	1+	£5.44
10 CLICK - MASS PRODUCED CLOCKS NO. 19: Width, 15mm. Length from eyelet to end, 3.5mm.	0509 001915	1+	£5.25
11 CLICK - MASS PRODUCED CLOCKS NO. 23: Full width, 7mm. Mouth width, 1.35mm.	0509 002315	1+	£5.25
12 CLICK - MASS PRODUCED CLOCKS NO. 36: Full length, 45mm. Length from eyelet to end, 8mm.	0509 003615	1+	N/A
13 CLICK - MASS PRODUCED CLOCKS NO. 39: Full width, 6mm. Mouth width, 1.45mm.	0509 003915	1+	£5.25
14 CLICK - MASS PRODUCED CLOCKS NO. 40: Full width, 8mm. Mouth width, 1.35mm.	0509 004015	1+	£5.25
15 CLICK - MASS PRODUCED CLOCKS NO. 41: Full width, 9mm. Mouth width, 2mm.	0509 004115	1+	£5.25
16 CLICK - MASS PRODUCED CLOCKS NO. 43: Full width, 10.25mm. Mouth width, 2.2mm.	0509 004315	1+	£5.25
17 CLICK - MASS PRODUCED CLOCKS NO. 44: Full width, 11mm. Mouth width, 1.75mm.	0509 004415	1+	£5.25
18 CLICK - MASS PRODUCED CLOCKS NO. 54: Full width, 11.4mm. Length between notches, 6.5mm.	0509 005415	1+	£5.25
19 CLICK - MASS PRODUCED CLOCKS NO. 55: Full width, 20mm. Length between notches, 9mm.	0509 005515	1+	£5.25
20 CLICK - MASS PRODUCED CLOCKS NO. 56: Full width, 21.8mm. Length between notches, 3.6mm.	0509 005615	1+	£5.25

# 1. Driving Mechanism




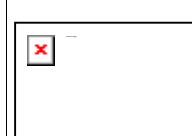
21	CLICK - MASS PRODUCED CLOCKS NO. 59: Mouth width, 19mm. Length between notches, 6mm.	0509 005915	1+	£5.25
22	CLICK - MASS PRODUCED CLOCKS NO. 60: Full width, 18mm. Length between notches, 6.3mm.	0509 006015	1+	£5.25
23	CLICK - MASS PRODUCED CLOCKS NO. 61: Full width, 16.8mm. Distance between notches, 11mm.	0509 006115	1+	£5.25
24	CLICK - MASS PRODUCED CLOCKS NO. 63: Mouth width, 25.5mm. Length between notches, 6mm.	0509 006315	1+	£5.25
25	CLICK - MASS PRODUCED CLOCKS NO. 64: Full width, 19mm. Distance between notch and end, 7mm.	0509 006415	1+	£5.25
26	CLICK - MASS PRODUCED CLOCKS NO. 65: Full width, 25mm. Distance between notches, 11mm.	0509 006515	1+	£5.25
27	CLICK - MASS PRODUCED CLOCKS NO. 141: Full width, 8mm. Mouth width, 3.2mm.	0509 014115	1+	£5.25
28	CLICK - MASS PRODUCED CLOCKS NO. 145: Full width, 8mm. Mouth width, 2.25mm.	0509 014515	1+	£5.25
29	CLICK - MASS PRODUCED CLOCKS NO. 147: Full width, 10mm. Mouth width, 2mm.	0509 014715	1+	£5.25
30	CLICK - MASS PRODUCED CLOCKS NO. 148: Full width, 19mm. Mouth width, 14.7mm.	0509 014815	1+	£5.25
31	CLICK - MASS PRODUCED CLOCKS NO. 149: Full width, 11.5mm. Mouth width, 17.5mm.	0509 014915	1+	£5.25
32	CLICK - MASS PRODUCED CLOCKS NO. 151: Full width, 9mm. Mouth width, 3.9mm.	0509 015115	1+	£5.25
33	CLICK - MASS PRODUCED CLOCKS NO. 156: Mouth width, 20mm. Length between notches, 5.8mm.	0509 015615	1+	£5.25
34	CLICK - MASS PRODUCED CLOCKS NO. 2007: Full width, 21mm. Length from eyelet to end, 5.3mm.	0509 200715	1+	£5.25
35	CLICK - MASS PRODUCED CLOCKS NO. 2011: Full width, 19.7mm. Mouth width, 13mm.	0509 201115	1+	£5.25
36	CLICK - MASS PRODUCED CLOCKS NO. 2012: Full width, 19mm. Length from eyelet to end, 1mm.	0509 201215	1+	£5.25
37	CLICK - MASS PRODUCED CLOCKS NO. 2013: Full width, 17.5mm. Length from eyelet to end, 3mm.	0509 201315	1+	£5.25
38	CLICK - MASS PRODUCED CLOCKS NO. 2018: Full width, 16mm. Mouth width, 10mm.	0509 201815	1+	£5.25
39	CLICK SPRING FOR HERMLE CLOCKS: 21mm long	0509 001515	1+	£4.95
			2+	£4.45
40	CLICK SPRING FOR HERMLE CLOCKS: 26mm long	0509 001615	1+	£4.95
			2+	£4.45
41	CLICK SPRING FOR HERMLE CLOCKS: 23mm long	0509 001715	1+	£4.95
			2+	£4.45
42	CLICK SPRING FOR HERMLE CLOCKS: 62mm long	0509 001815	1+	£4.95
			2+	£4.45
43	CLICK ASSORTMENT 20 POPULAR CLICKS	0747 002015	1+	£27.85

## BRASS CLICKS FOR AMERICAN CLOCKS

Price per unit in £ on 15/08/2017


	BRASS CLICKS FOR AMERICAN CLOCKS Complete with rivets and springs. Three right and three left per packet.	0251 000615	1+	£4.24
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## LONGCASE CLICKS & CLICK SPRINGS

1 	2 	3 	Buy Online @ <a href="http://www.m-p.co.uk">www.m-p.co.uk</a>	Call Harvey 24 Hours	Call Harvey our Automated Sales line	
Price per unit in £ on 15/08/2017						
1	LONGCASE CLICK Steel click 3BA thread.	0285 000115	1+	£4.30		
			2+	£3.87		
2	LONGCASE CLICK SPRING, COMMA	0286 000115	1+	£1.59		
			2+	£1.43		
			Pack of 10	£1.27		
			Pack of 30	£1.19		
3	LONGCASE CLICK SPRING, BI-PIN	0286 000215	1+	£1.43		
			2+	£1.29		
			Pack of 10	£1.14		
			Pack of 30	£1.07		

## FUSEE CLICK SPRINGS

Price per unit in £ on 15/08/2017

	FUSEE CLICK SPRING In brass.	0315 000115	1+	£2.07
			5+	£1.86
			Pack of 10	£1.66
			Pack of 30	£1.55


## FRENCH CLICKS

Price per unit in £ on 15/08/2017

	FRENCH CLICK In steel.	0296 000115	1+	£2.24
			2+	£2.02
			Pack of 10	£1.79
			Pack of 30	£1.68

## FUSEE STOP ARMS


Price per unit in £ on 15/08/2017

	FUSEE STOP ARM Bright steel.	1448 000115	1+	£6.95
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# 1. Driving Mechanism

## FRENCH CLOCK SCREW SPRINGS

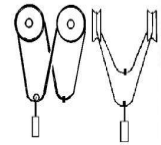
Price per unit in £ on 15/08/2017

	<b>FRENCH CLOCK SCREW SPRINGS, PACK OF 3</b> Blued steel M1.6 screw with an 80mm length of 0.45mm blued spring steel fitted to the end. Used in French Clocks as return springs.	<b>1194 000115</b>	1+	<b>£5.95</b>
			3+	<b>£5.35</b>

## LONGCASE CLOCK ROPE

Woven linen Longcase (Grandfather) clock cord. For 30 hour clocks. Clock rope needs to have a central core, unlike normal rope or sash cord which is not suitable. Now available in both 12ft & 100ft lengths.

**Instructions:** Remove the old rope putting ordinary string in its place if uncertain about the correct route. Position the new rope. The join must not be thicker than the rope. There is a centre core which should be knotted and is strong enough to take the weight. Cut the rest at varying lengths to spread the join along the rope and sew loosely with extra strong cotton.



						<b>Call Harvey for Same day dispatch*</b> * Conditions apply
1	2	3	4	5	6	

Price per unit in £ on 15/08/2017

<b>1</b>	<b>CLOCK ROPE: 5mm / 12ft.</b> Diameter 5.0mm. Aka No. 2 rope, often used for Lantern clocks. Made from traditional natural hemp with a central core.	<b>0361 205015</b>	1+	<b>£5.95</b>
			3+	<b>£5.65</b>
			Pack of 10	<b>£5.35</b>
<b>2</b>	<b>CLOCK ROPE: 6mm / 12ft.</b> Diameter 6.0mm. Made from traditional natural hemp with a central core.	<b>0361 407015</b>	1+	<b>£6.89</b>
			3+	<b>£6.55</b>
			Pack of 10	<b>£6.20</b>
<b>3</b>	<b>CLOCK ROPE: 7mm / 12ft.</b> Diameter 7.0mm. Made from traditional natural hemp with a central core.	<b>0361 507515</b>	1+	<b>£7.95</b>
			3+	<b>£7.55</b>
			Pack of 10	<b>£7.15</b>
<b>4</b>	<b>CLOCK ROPE: 5mm / 100ft.</b> Diameter 5.0mm, 100ft reel. Aka 2 rope, often used for lantern clocks. Made from traditional natural hemp with a central core.	<b>0361 100515</b>	1+	<b>N/A</b>
<b>5</b>	<b>CLOCK ROPE: 6mm / 100ft.</b> Diameter 6.0mm, 100ft reel. Made from traditional natural hemp with a central core.	<b>0361 100615</b>	1+	<b>N/A</b>
<b>6</b>	<b>CLOCK ROPE: 7mm / 100ft.</b> Diameter 7.0mm, 100ft reel. Made from traditional natural hemp with a central core.	<b>0361 100715</b>	1+	<b>N/A</b>

## COMTOISE CORDS

					<b>Call Harvey for Postage free delivery*</b> * Conditions apply	<b>Call HARVEY on 0800 328 9435</b>
1	2	3	4	5		


Price per unit in £ on 15/08/2017

<b>1</b>	<b>COMTOISE CORD; Diameter: 2mm, Length: 21ft. Colour: Natural</b>	<b>0608 002115</b>	1+	<b>£6.95</b>
			3+	<b>£6.25</b>
<b>2</b>	<b>COMTOISE CORD; Diameter: 2mm, Length: 50m. Colour: Natural</b>	<b>0608 005015</b>	1+	<b>N/A</b>
			3+	<b>N/A</b>
<b>3</b>	<b>COMTOISE CORD; Diameter: 2mm, Length: 21ft. Colour: Red</b>	<b>0608 002118</b>	1+	<b>£7.45</b>
			3+	<b>£6.70</b>
<b>4</b>	<b>COMTOISE CORD; Diameter: 2mm, Length: 50m. Colour: Red</b>	<b>0608 005018</b>	1+	<b>N/A</b>
			3+	<b>N/A</b>

## AMERICAN WEIGHT CLOCK CORDS

Woven Synthetic cord 4ft long. O.G. clocks use about 3ft per train. We supply synthetic cord because the original type perishes rapidly, causing the weights to fall.

Price per unit in £ on 15/08/2017

	<b>AMERICAN WEIGHT CLOCK CORD 30hr</b> Woven synthetic cord. Diameter: 1.0mm Length: 4' SWL: 9lbs.	<b>0247 000415</b>	1+	<b>£0.95</b>
			3+	<b>£0.85</b>
			Pack of 10	<b>£0.76</b>
	<b>AMERICAN WEIGHT CLOCK CORD 8 DAY</b> Woven synthetic cord. Diameter: 1.5mm Length: 4' SWL: 20lbs.	<b>0248 000415</b>	1+	<b>£0.95</b>
			3+	<b>£0.85</b>
			Pack of 10	<b>£0.76</b>

## FUSEE CLOCK LINES

Each train normally uses about 4'6". S.W.L. stands for safe working load, 1/5th of the minimum breaking strain. We cannot calculate this figure for natural products such as gut line.

					<b>M &amp; P Key Suppliers to Clockmakers</b>	
1	2	3	4	5		

Price per unit in £ on 15/08/2017

<b>1</b>	<b>NATURAL GUT</b> Diameter: 1.2 - 1.4mm, Length: 5' Very high quality hand made cutgut line for Fusee Bracket and Office Dial clocks.	<b>0317 000515</b>	1+	<b>£3.85</b>
			3+	<b>£3.46</b>
			Pack of 10	<b>£3.27</b>
<b>2</b>	<b>GALVANIZED WIRE</b> Dia: 1.2mm, Length: 5', SWL: 22kg	<b>1196 000515</b>	1+	<b>£1.96</b>
			3+	<b>£1.76</b>
<b>3</b>	<b>GALVANISED WIRE</b> Diameter: 1.5mm, Length: 5', SWL: 36lbs	<b>0318 000515</b>	1+	<b>£2.80</b>
			3+	<b>£2.52</b>
			Pack of 10	<b>£2.24</b>
<b>4</b>	<b>PHOSPHOR BRONZE</b> Diameter: 1.4mm, Length 5', SWL: 15lbs	<b>0510 000515</b>	1+	<b>£3.86</b>
			3+	<b>£3.47</b>
<b>5</b>	<b>SYNTHETIC GUT</b> Diameter: 1.4mm, Length: 5', SWL: 39lbs	<b>0511 000515</b>	1+	<b>£1.37</b>
			3+	<b>£1.23</b>

# 1. Driving Mechanism













## LONGCASE (GRANDFATHER) CLOCK LINES

Each train normally uses 10ft. S.W.L. stands for safe working load, 1/5th of the minimum breaking strain. We cannot calculate this figure for natural products such as gut line.

															
1	2	3	4	5	6	7									
Price per unit in £ on 15/08/2017															
1	LONGCASE NATURAL GUT LINE Diameter: 1.2 - 1.4mm, Length: 21'. Very high quality hand made cutgut line for Longcase (Grandfather) clocks.					0259 002115	<table border="1"> <tr><td>1+</td><td>£6.22</td></tr> <tr><td>3+</td><td>£5.60</td></tr> <tr><td>Pack of 10</td><td>£5.29</td></tr> <tr><td>Pack of 100</td><td>£4.98</td></tr> </table>	1+	£6.22	3+	£5.60	Pack of 10	£5.29	Pack of 100	£4.98
1+	£6.22														
3+	£5.60														
Pack of 10	£5.29														
Pack of 100	£4.98														
2	LONGCASE CLOCK SYNTHETIC GUT Diameter: 1.4mm, Length: 21', SWL: 39lbs					0511 002115	<table border="1"> <tr><td>1+</td><td>£2.95</td></tr> <tr><td>3+</td><td>£2.65</td></tr> </table>	1+	£2.95	3+	£2.65				
1+	£2.95														
3+	£2.65														
3	LONGCASE CLOCK SYNTHETIC GUT Diameter: 1.4mm, Length: 200m, SWL: 39lbs					0511 020015	<table border="1"> <tr><td>1+</td><td>£37.63</td></tr> </table>	1+	£37.63						
1+	£37.63														
4	NATURAL HIDE LINE Diameter: 1.2 - 1.4mm, Length : 21'					1156 002115	<table border="1"> <tr><td>1+</td><td>£7.36</td></tr> <tr><td>3+</td><td>£6.62</td></tr> </table>	1+	£7.36	3+	£6.62				
1+	£7.36														
3+	£6.62														
5	GALVANIZED WIRE FOR LONGCASE CLOCK Diameter: 1.2mm, Length: 21', SWL: 22kg					1196 002115	<table border="1"> <tr><td>1+</td><td>£5.19</td></tr> <tr><td>3+</td><td>£4.67</td></tr> </table>	1+	£5.19	3+	£4.67				
1+	£5.19														
3+	£4.67														
6	GALVANIZED WIRE FOR LONGCASE CLOCK Diameter: 1.5mm, Length: 21', SWL: 36kg.					0260 002115	<table border="1"> <tr><td>1+</td><td>£4.58</td></tr> <tr><td>3+</td><td>£4.12</td></tr> <tr><td>Pack of 10</td><td>£3.66</td></tr> </table>	1+	£4.58	3+	£4.12	Pack of 10	£3.66		
1+	£4.58														
3+	£4.12														
Pack of 10	£3.66														
7	LONGCASE PHOSPHOR BRONZE CLOCK LINE Diameter: 1.4mm, Length: 21', SWL: 15lbs					0510 002115	<table border="1"> <tr><td>1+</td><td>£15.99</td></tr> <tr><td>3+</td><td>£14.39</td></tr> <tr><td>Pack of 10</td><td>£13.59</td></tr> </table>	1+	£15.99	3+	£14.39	Pack of 10	£13.59		
1+	£15.99														
3+	£14.39														
Pack of 10	£13.59														

## VIENNA LINES

Fine lines for Vienna regulators & miniature fusee clocks Our natural gut is the finest quality available.


						
1	2	3	4	5	6	7
8						<p>Buy Online @ <a href="http://www.m-p.co.uk">www.m-p.co.uk</a></p> <p>Call Harvey 24 Hours</p>

Price per unit in £ on 15/08/2017											
1	NATURAL CLOCK GUT - ULTRA FINE Diameter: 0.4mm Length: 1.25m Very high quality hand made cutgut line for weight driven Vienna Regulators.					0674 000415	<table border="1"> <tr><td>1+</td><td>£4.95</td></tr> <tr><td>3+</td><td>£4.45</td></tr> </table>	1+	£4.95	3+	£4.45
1+	£4.95										
3+	£4.45										
2	NATURAL CLOCK GUT - EXTRA FINE Diameter: 0.6mm Length: 1.25m Very high quality hand made cutgut line for weight driven Vienna Regulators.					0674 000615	<table border="1"> <tr><td>1+</td><td>£4.17</td></tr> <tr><td>3+</td><td>£3.75</td></tr> </table>	1+	£4.17	3+	£3.75
1+	£4.17										
3+	£3.75										
3	NATURAL CLOCK GUT - FINE Diameter: 0.8mm Length: 1.25m Very high quality hand made cutgut line for weight driven Vienna Regulators.					0674 000815	<table border="1"> <tr><td>1+</td><td>£4.72</td></tr> <tr><td>3+</td><td>£4.25</td></tr> </table>	1+	£4.72	3+	£4.25
1+	£4.72										
3+	£4.25										
4	NATURAL CLOCK GUT - EXTRA FINE Diameter: 0.6mm Length: 2.5m Very high quality hand made cutgut line for weight driven Vienna Regulators.					0674 250615	<table border="1"> <tr><td>1+</td><td>£6.35</td></tr> </table>	1+	£6.35		
1+	£6.35										
5	NATURAL CLOCK GUT - FINE Diameter: 0.8mm Length: 2.5m Very high quality hand made cutgut line for weight driven Vienna Regulators.					0674 250815	<table border="1"> <tr><td>1+</td><td>£7.60</td></tr> </table>	1+	£7.60		
1+	£7.60										
6	NATURAL CLOCK GUT - EXTRA FINE Diameter: 0.6mm Length: 6m Very high quality hand made cutgut line for weight driven Vienna Regulators.					0674 600615	<table border="1"> <tr><td>1+</td><td>£11.94</td></tr> </table>	1+	£11.94		
1+	£11.94										
7	NATURAL CLOCK GUT - FINE Diameter: 0.8mm Length: 6m Very high quality hand made cutgut line for weight driven Vienna Regulators.					0674 600815	<table border="1"> <tr><td>1+</td><td>£12.05</td></tr> </table>	1+	£12.05		
1+	£12.05										
8	NATURAL CLOCK GUT - FINE Diameter: 1mm Length: 21' Very high quality hand made cutgut line for weight driven Vienna Regulator clocks.					0403 002115	<table border="1"> <tr><td>1+</td><td>£5.78</td></tr> <tr><td>3+</td><td>£5.20</td></tr> </table>	1+	£5.78	3+	£5.20
1+	£5.78										
3+	£5.20										
9	SYNTHETIC GUT - FINE Diameter: 0.85mm Length: 21' SWL: 15lbs					1008 002115	<table border="1"> <tr><td>1+</td><td>£2.18</td></tr> <tr><td>3+</td><td>£1.96</td></tr> </table>	1+	£2.18	3+	£1.96
1+	£2.18										
3+	£1.96										
10	SYNTHETIC GUT - FINE Diameter: 0.85mm Length: 200m SWL:15lbs					1008 020015	<table border="1"> <tr><td>1+</td><td>£24.40</td></tr> <tr><td>3+</td><td>£21.96</td></tr> </table>	1+	£24.40	3+	£21.96
1+	£24.40										
3+	£21.96										
11	BRASS VIENNA REGULATOR LINE Diameter: 0.8mm Length: 1m.					1423 000115	<table border="1"> <tr><td>1+</td><td>£3.95</td></tr> <tr><td>3+</td><td>£3.55</td></tr> </table>	1+	£3.95	3+	£3.55
1+	£3.95										
3+	£3.55										
12	BRASS VIENNA REGULATOR LINE. Diameter: 0.8mm Length: 10m.					1423 001015	<table border="1"> <tr><td>1+</td><td>£24.85</td></tr> <tr><td>3+</td><td>£22.36</td></tr> </table>	1+	£24.85	3+	£22.36
1+	£24.85										
3+	£22.36										

## TURRET CLOCK WIRES

Galvanised. Sold by the metre. Safe Working Load is 1/5th of the minimum breaking strain. Other diameters can be supplied to special order.







Price per unit in £ on 15/08/2017

	TURRET CLOCK WIRE Diameter: 2mm SWL: 120lbs	0909 002015	<table border="1"> <tr><td>1+</td><td>£1.65</td></tr> </table>	1+	£1.65
1+	£1.65				
	TURRET CLOCK WIRE Diameter: 3mm SWL: 220lbs.	0909 003015	<table border="1"> <tr><td>1+</td><td>£1.92</td></tr> </table>	1+	£1.92
1+	£1.92				
	TURRET CLOCK WIRE Diameter: 4mm SWL: 380lbs	0909 004015	<table border="1"> <tr><td>1+</td><td>£2.08</td></tr> </table>	1+	£2.08
1+	£2.08				

# 1. Driving Mechanism


## CLOCK BATTERIES

Some batteries have had several reference numbers over the years. Those shown in brackets are old manufacturer's references. Sold singly.

1		2		3		4		5		<b>Call Harvey our Automated Sales line</b>					
										Price per unit in £ on 15/08/2017					
<b>1 CAR ALARM AND LIGHTER BATTERY 12v 23A/VR22 (23, 23L&amp;M, EL12)</b>										<b>0349 002215</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%;">1+</td><td style="width: 50%; text-align: right;">£1.02</td></tr> <tr><td>5+</td><td style="text-align: right;">£0.92</td></tr> </table>	1+	£1.02	5+	£0.92
1+	£1.02														
5+	£0.92														
<b>2 BATTERY FOR CALCULATOR, GAMES, TOYS 1.5v 2 PACK LR44 (RW82, V13GA, A76, AG13)</b>										<b>0349 004415</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%;">1+</td><td style="width: 50%; text-align: right;">£2.75</td></tr> </table>	1+	£2.75		
1+	£2.75														
<b>3 BATTERY CAMERA 3v LITHIUM CR123.</b>										<b>0349 012315</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%;">1+</td><td style="width: 50%; text-align: right;">£3.98</td></tr> </table>	1+	£3.98		
1+	£3.98														
<b>4 CLOCK BATTERY LR1</b> Used in many small clocks and insertion movements. Also known as N, MN9100, AM5, A23, 4001, 910A, E90.										<b>0349 000115</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%;">1+</td><td style="width: 50%; text-align: right;">£1.27</td></tr> <tr><td>5+</td><td style="text-align: right;">£1.14</td></tr> </table>	1+	£1.27	5+	£1.14
1+	£1.27														
5+	£1.14														
<b>5 6V 11A ALKALINE BATTERY - 11A-C1</b> 10 X 16MM, 1 piece, suitable for remote control, lighter and other electronic devices.										<b>0349 110015</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%;">1+</td><td style="width: 50%; text-align: right;">£1.59</td></tr> </table>	1+	£1.59		
1+	£1.59														

## WATCH BATTERIES (Button cells)

Sold individually.







1		2		3		4		5		6		7							
8		9		10		11		12		13		14							
15		16		17		18		19		20		21							
												Price per unit in £ on 15/08/2017							
<b>1 WATCH BATTERY 315</b> 1.5v Low drain silver oxide 7.9 x 1.6 (RW316 SR716SW 40)										<b>0928 031515</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%;">1+</td><td style="width: 50%; text-align: right;">£1.92</td></tr> <tr><td>10+</td><td style="text-align: right;">£1.25</td></tr> <tr><td>Pack of 50</td><td style="text-align: right;">£1.06</td></tr> <tr><td>Pack of 100</td><td style="text-align: right;">£0.96</td></tr> </table>	1+	£1.92	10+	£1.25	Pack of 50	£1.06	Pack of 100	£0.96
1+	£1.92																		
10+	£1.25																		
Pack of 50	£1.06																		
Pack of 100	£0.96																		
<b>2 WATCH BATTERY 317</b> 1.5v Low drain silver oxide 5.8 x 1.6 (RW326 SR516SW)										<b>0928 031715</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%;">1+</td><td style="width: 50%; text-align: right;">£1.92</td></tr> <tr><td>10+</td><td style="text-align: right;">£1.25</td></tr> <tr><td>Pack of 50</td><td style="text-align: right;">£1.06</td></tr> <tr><td>Pack of 100</td><td style="text-align: right;">£0.96</td></tr> </table>	1+	£1.92	10+	£1.25	Pack of 50	£1.06	Pack of 100	£0.96
1+	£1.92																		
10+	£1.25																		
Pack of 50	£1.06																		
Pack of 100	£0.96																		
<b>3 WATCH BATTERY 319</b> 1.5v Low drain silver oxide 5.8 x 2.7 (RW328 SR527SW)										<b>0928 031915</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%;">1+</td><td style="width: 50%; text-align: right;">£1.92</td></tr> <tr><td>10+</td><td style="text-align: right;">£1.25</td></tr> <tr><td>Pack of 50</td><td style="text-align: right;">£1.06</td></tr> <tr><td>Pack of 100</td><td style="text-align: right;">£0.96</td></tr> </table>	1+	£1.92	10+	£1.25	Pack of 50	£1.06	Pack of 100	£0.96
1+	£1.92																		
10+	£1.25																		
Pack of 50	£1.06																		
Pack of 100	£0.96																		
<b>4 WATCH BATTERY 321</b> 1.5v Low drain silver oxide 6.8 x 1.6 (RW321 SR616SW 38)										<b>0928 032115</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%;">1+</td><td style="width: 50%; text-align: right;">£1.92</td></tr> <tr><td>10+</td><td style="text-align: right;">£1.25</td></tr> <tr><td>Pack of 50</td><td style="text-align: right;">£1.06</td></tr> <tr><td>Pack of 100</td><td style="text-align: right;">£0.96</td></tr> </table>	1+	£1.92	10+	£1.25	Pack of 50	£1.06	Pack of 100	£0.96
1+	£1.92																		
10+	£1.25																		
Pack of 50	£1.06																		
Pack of 100	£0.96																		
<b>5 WATCH BATTERY 341</b> 1.5v Low drain silver oxide 7.9 x 1.5										<b>0928 034115</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%;">1+</td><td style="width: 50%; text-align: right;">£2.75</td></tr> <tr><td>10+</td><td style="text-align: right;">£1.79</td></tr> <tr><td>Pack of 50</td><td style="text-align: right;">£1.51</td></tr> <tr><td>Pack of 100</td><td style="text-align: right;">£1.37</td></tr> </table>	1+	£2.75	10+	£1.79	Pack of 50	£1.51	Pack of 100	£1.37
1+	£2.75																		
10+	£1.79																		
Pack of 50	£1.51																		
Pack of 100	£1.37																		
<b>6 WATCH BATTERY 357</b> 1.5v High drain silver oxide 11.6 x 5.4 (RW42 SR44W 7)										<b>0928 035715</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%;">1+</td><td style="width: 50%; text-align: right;">£1.92</td></tr> <tr><td>10+</td><td style="text-align: right;">£1.25</td></tr> </table>	1+	£1.92	10+	£1.25				
1+	£1.92																		
10+	£1.25																		
<b>7 WATCH BATTERY 362</b> 1.5v Low drain silver oxide 7.9 x 2.1 (RW310 SR721SW 19)										<b>0928 036215</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%;">1+</td><td style="width: 50%; text-align: right;">£1.92</td></tr> <tr><td>10+</td><td style="text-align: right;">£1.25</td></tr> <tr><td>Pack of 50</td><td style="text-align: right;">£1.06</td></tr> <tr><td>Pack of 100</td><td style="text-align: right;">£0.58</td></tr> </table>	1+	£1.92	10+	£1.25	Pack of 50	£1.06	Pack of 100	£0.58
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<b>8 WATCH BATTERY 364</b> 1.5v Low drain silver oxide 6.8 x 2.1 (RW320 SR621SW 31)										<b>0928 036415</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%;">1+</td><td style="width: 50%; text-align: right;">£1.52</td></tr> <tr><td>10+</td><td style="text-align: right;">£0.99</td></tr> <tr><td>Pack of 50</td><td style="text-align: right;">£0.84</td></tr> <tr><td>Pack of 100</td><td style="text-align: right;">£0.46</td></tr> </table>	1+	£1.52	10+	£0.99	Pack of 50	£0.84	Pack of 100	£0.46
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<b>9 WATCH BATTERY 370</b> 1.5v High drain silver oxide 9.5 x 2.1 (RW415 SR920W 36)										<b>0928 037015</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%;">1+</td><td style="width: 50%; text-align: right;">£1.92</td></tr> <tr><td>10+</td><td style="text-align: right;">£1.25</td></tr> <tr><td>Pack of 50</td><td style="text-align: right;">£1.06</td></tr> <tr><td>Pack of 100</td><td style="text-align: right;">£0.96</td></tr> </table>	1+	£1.92	10+	£1.25	Pack of 50	£1.06	Pack of 100	£0.96
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<b>10 WATCH BATTERY 371</b> 1.5v Low drain silver oxide 9.5 x 2.1 (RW315 SR920SW 30)										<b>0928 037115</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%;">1+</td><td style="width: 50%; text-align: right;">£1.92</td></tr> <tr><td>10+</td><td style="text-align: right;">£1.25</td></tr> <tr><td>Pack of 50</td><td style="text-align: right;">£1.06</td></tr> <tr><td>Pack of 100</td><td style="text-align: right;">£0.96</td></tr> </table>	1+	£1.92	10+	£1.25	Pack of 50	£1.06	Pack of 100	£0.96
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<b>11 WATCH BATTERY 373</b> 1.5v Low drain silver oxide 9.5 x 1.6 (RW317 SR916SW 41)										<b>0928 037315</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%;">1+</td><td style="width: 50%; text-align: right;">£1.92</td></tr> <tr><td>10+</td><td style="text-align: right;">£1.25</td></tr> <tr><td>Pack of 50</td><td style="text-align: right;">£1.06</td></tr> <tr><td>Pack of 100</td><td style="text-align: right;">£0.96</td></tr> </table>	1+	£1.92	10+	£1.25	Pack of 50	£1.06	Pack of 100	£0.96
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<b>12 WATCH BATTERY 377</b> 1.5v Low drain silver oxide 6.8 x 2.6 (RW329 SR626SW 37)										<b>0928 037715</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%;">1+</td><td style="width: 50%; text-align: right;">£1.52</td></tr> <tr><td>10+</td><td style="text-align: right;">£0.99</td></tr> <tr><td>Pack of 50</td><td style="text-align: right;">£0.84</td></tr> <tr><td>Pack of 100</td><td style="text-align: right;">£0.46</td></tr> </table>	1+	£1.52	10+	£0.99	Pack of 50	£0.84	Pack of 100	£0.46
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<b>13 WATCH BATTERY 379</b> 1.5v Low drain silver oxide 5.8 x 2.1 (RW327 SR521SW 50)										<b>0928 037915</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%;">1+</td><td style="width: 50%; text-align: right;">£1.65</td></tr> <tr><td>10+</td><td style="text-align: right;">£1.07</td></tr> <tr><td>Pack of 50</td><td style="text-align: right;">£0.91</td></tr> <tr><td>Pack of 100</td><td style="text-align: right;">£0.82</td></tr> </table>	1+	£1.65	10+	£1.07	Pack of 50	£0.91	Pack of 100	£0.82
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# 1. Driving Mechanism

14 WATCH BATTERY 381 1.5v Low drain silver oxide 11.6 x 2.1 (RW30 SR1120SW 34)	0928 038115	1+	£2.48
		10+	£1.61
		Pack of 50	£1.36
		Pack of 100	£1.24
15 WATCH BATTERY 389 1.5v High drain silver oxide 11.6 x 3.1 (RW49 SR1130W 17)	0928 038915	1+	£1.92
		10+	£1.25
		Pack of 50	£1.06
		Pack of 100	£0.96
16 WATCH BATTERY 390 1.5v Low drain silver oxide 11.6 x 3.1 (RW39 SR1130SW 11)	0928 039015	1+	£1.92
		10+	£1.25
		Pack of 50	£1.06
		Pack of 100	£0.96
17 WATCH BATTERY 391 1.5v High drain silver oxide 11.6 x 2.1 (RW40 SR1120W 23)	0928 039115	1+	£1.92
		10+	£1.25
18 WATCH BATTERY 392 1.5v High drain silver oxide 7.9 x 3.6 (RW47 SR42W 2)	0928 039215	1+	£1.92
		10+	£1.25
		Pack of 50	£1.06
		Pack of 100	£0.96
19 WATCH BATTERY 394 1.5v Low drain silver oxide 9.5 x 3.6 (RW33 SR936SW 27)	0928 039415	1+	£1.92
		10+	£1.25
20 WATCH BATTERY 395 1.5v Low drain silver oxide 9.5 x 2.6 (RW313 SR927SW 25)	0928 039515	1+	£1.92
		10+	£1.25
		Pack of 50	£1.06
		Pack of 100	£0.96
21 WATCH BATTERY 399 1.5v High drain silver oxide 9.5 x 2.6 (RW413 SR927W 35)	0928 039915	1+	£1.92
		10+	£1.25
		Pack of 50	£1.06
		Pack of 100	£0.96

## LITHIUM BUTTON CELLS

For computers, toys, remote controls etc.

1 	2 	3 	4 	5 	<p><b>Call Harvey</b> for <b>Same day dispatch*</b></p> <p>* Conditions apply</p>	

				Price per unit in £ on 15/08/2017	
1 LITHIUM BATTERY 3v. 2430. Diameter: 24mm Height: 3.0mm	0928 243015	1+	£2.14		
		10+	£1.39		
2 LITHIUM BATTERY 3v. 2450. Diameter: 24mm Height: 5.0mm	0928 245015	1+	£2.32		
		10+	£1.51		
3 LITHIUM BATTERY 3v. 2025. Diameter: 20mm Height: 2.5mm	0928 202515	1+	£2.14		
		10+	£1.39		
		Pack of 50	£1.18		
		Pack of 100	£0.64		
4 LITHIUM BATTERY 3v. 2016. Diameter: 20mm Height: 1.6mm	0928 201615	1+	£2.33		
		10+	£1.51		
		Pack of 50	£1.28		
		Pack of 100	£0.70		
5 LITHIUM BATTERY 3v. 2032. Diameter: 20mm Height: 3.2mm	0928 203215	1+	£2.14		
		10+	£1.39		
		Pack of 50	£1.18		
		Pack of 100	£0.64		

## HEARING AID BATTERIES

1.4v Renata zinc-air batteries. Known by colour and part number. 6 batteries per handy pack.

1 	2 	3 	<p><b>Call Harvey</b> for <b>Postage free delivery*</b></p> <p>* Conditions apply</p>	<p>Call <b>HARVEY</b> on <b>0800 328 9435</b></p>	<p><b>M &amp; P</b> <b>Key Suppliers to</b> <b>Clockmakers</b></p>	

				Price per unit in £ on 15/08/2017	
1 HEARING AID BATTERIES ZA10 X 6 YELLOW (10AE, AC10/230, L10ZA, PR70, 10A)	1157 001006	1+	£5.77		
		10+	£5.19		
2 HEARING AID BATTERIES ZA13 X 6 ORANGE (13AE, AC13, DA13, PR48, 13A, V13)	1157 001306	1+	£4.72		
		10+	£4.25		
3 HEARING AID BATTERIES ZA312 X 6 BROWN (312AE, AC312, PR41, 312A, V312)	1157 031206	1+	£4.95		
		10+	£4.45		




# 1. Driving Mechanism

## CLOCK CHAIN

The list is in order of ascending internal link length. External link length is the internal length (I/L) plus twice the wire diameter. Pitch is twice the internal link length. Links per foot (LPF) is  $(304.8 - (2 \times \text{the wire diameter}))$  divided by the internal length. Internal length is  $(304.8 - (2 \times \text{the wire diameter}))$  divided by the links per foot. See **Catalogue Appendix for more information**

Price per unit in £ on 15/08/2017

	<b>CLOCK CHAIN NO.19</b> Brass. I/L: 4.80mm. E/W:3.60mm. Wire: 0.90mm. LPF: 63.1. Len: 6ft. <b>0388 001915</b>	1+	<b>£6.55</b>
	<b>CLOCK CHAIN NO.158</b> Brass. I/L: 5.02mm. E/W:3.50mm. Wire: 0.86mm. LPF: 58.8. Len: 6ft. <b>0388 015815</b>	1+	<b>£8.75</b>
	<b>CLOCK CHAIN NO.13</b> Brass. I/L: 5.70mm. E/W:4.20mm. Wire: 1.00mm. LPF: 53.1. Len: 6ft. <b>0388 001315</b>	1+	<b>£6.52</b>
	<b>CLOCK CHAIN NO.100</b> Iron. I/L: 6.00mm. E/W: 4.40mm. Wire: 1.00mm. LPF: 50.5. Len: 6ft. <b>0388 010014</b>	1+	<b>£6.48</b>
	<b>CLOCK CHAIN NO.100</b> Brass. I/L: 6.00mm. E/W: 4.40mm. Wire: 1.00mm. LPF: 50.5. Len: 6ft. <b>0388 010018</b>	1+	<b>£6.48</b>
	<b>CLOCK CHAIN NO.37</b> Iron. I/L: 6.10mm. E/W:4.80mm. Wire: 1.00mm. LPF: 49.6. Len: 6ft. <b>0388 003714</b>	1+	<b>£6.73</b>
	<b>CLOCK CHAIN NO.37</b> Brass. I/L: 6.10mm. E/W:4.80mm. Wire: 1.00mm. LPF: 49.6. Len: 6ft. <b>0388 003715</b>	1+	<b>£7.62</b>
	<b>CLOCK CHAIN NO.39</b> Brass. I/L: 6.30mm. E/W:5.30mm. Wire: 1.30mm. LPF: 47.9. Len: 6ft. <b>0388 003915</b>	1+	<b>£6.52</b>
	<b>CLOCK CHAIN NO.44</b> Brass. I/L: 6.30mm. E/W:4.60mm. Wire: 1.05mm. LPF: 48.0. Len: 6ft. <b>0388 004415</b>	1+	<b>£9.87</b>
	<b>CLOCK CHAIN NO.12</b> Brass. I/L: 6.40mm. E/W:4.60mm. Wire: 1.05mm. LPF: 47.2. Len: 6ft. <b>0388 001218</b>	1+	<b>£6.52</b>
	<b>CLOCK CHAIN NO.1</b> Iron. I/L: 6.50mm. E/W:5.00mm. Wire: 1.50mm. LPF: 46.4. Len: 6ft. <b>0388 000114</b>	1+	<b>£6.55</b>
	<b>CLOCK CHAIN NO.147</b> Brass. I/L: 6.50mm. E/W:5.95mm. Wire: 1.62mm. LPF: 46.6. Len: 6ft. <b>0388 014715</b>	1+	<b>£24.68</b>
	<b>CLOCK CHAIN NO.146</b> Brass. I/L: 6.56mm. E/W:5.35mm. Wire: 1.35mm. LPF: 46.4. Len: 6ft. <b>0388 014615</b>	1+	<b>£21.95</b>
	<b>CLOCK CHAIN NO.159</b> Iron. I/L: 6.60mm. E/W:3.60mm. Wire: 0.90mm. LPF: 46.0. Len: 6ft. <b>0388 015914</b>	1+	<b>£7.88</b>
	<b>CLOCK CHAIN NO.103</b> Brass. I/L: 6.60mm. E/W:5.00mm. Wire: 1.35mm. LPF: 45.8. Len: 6ft. <b>0388 010318</b>	1+	<b>£8.70</b>
	<b>CLOCK CHAIN NO.103</b> Iron. I/L: 6.60mm. E/W:5.00mm. Wire: 1.35mm. LPF: 45.8. Len: 6ft. <b>0388 010314</b>	1+	<b>£6.55</b>
	<b>CLOCK CHAIN NO.106</b> Iron. I/L: 6.80mm. E/W:3.70mm. Wire: 0.90mm. LPF: 44.6. Len: 6ft. <b>0388 010614</b>	1+	<b>£6.55</b>
	<b>CLOCK CHAIN NO.106</b> Brass. I/L: 6.80mm. E/W:3.70mm. Wire: 0.90mm. LPF: 44.6. Len: 6ft. <b>0388 010618</b>	1+	<b>£6.55</b>
	<b>CLOCK CHAIN NO.42</b> Iron. I/L: 7.20mm. E/W:6.70mm. Wire: 1.60mm. LPF: 41.8. Len: 12ft. <b>0388 004215</b>	1+	<b>£9.90</b>
	<b>CLOCK CHAIN NO.140</b> Iron. I/L: 7.20mm. E/W:4.80mm. Wire: 1.18mm. LPF: 40.0. Len: 6ft. <b>0388 014014</b>	1+	<b>£16.95</b>
	<b>CLOCK CHAIN NO.104</b> Copper finish. I/L: 7.25mm. E/W:5.00mm. Wire: 1.20mm. LPF: 41.7. Len: 6ft. <b>0388 010414</b>	1+	<b>£8.42</b>
	<b>CLOCK CHAIN NO.101</b> Iron. I/L: 7.90mm. E/W:5.10mm. Wire: 1.55mm. LPF: 38. Len: 6ft. <b>0388 010114</b>	1+	<b>£6.55</b>
	<b>CLOCK CHAIN NO.101</b> Brass. I/L: 7.90mm. E/W:5.10mm. Wire: 1.55mm. LPF: 38. Len: 6ft. <b>0388 010118</b>	1+	<b>N/A</b>
	<b>CLOCK CHAIN NO.105</b> Iron. I/L: 8.10mm. E/W:4.60mm. Wire: 1.00mm. LPF: 37.4. Len: 6ft. <b>0388 010514</b>	1+	<b>N/A</b>
	<b>CLOCK CHAIN NO.105</b> Brass. I/L: 8.10mm. E/W:4.60mm. Wire: 1.00mm. LPF: 37.4. Len: 6ft. <b>0388 010518</b>	1+	<b>£6.55</b>
	<b>CLOCK CHAIN NO.109</b> Iron. I/L: 8.30mm. E/W:6.90mm. Wire: 1.80mm. LPF: 36.0. Len: 6ft. <b>0388 010914</b>	1+	<b>N/A</b>
	<b>CLOCK CHAIN NO.136</b> Brass. I/L: 8.30mm. E/W:6.60mm. Wire: 1.80mm. LPF: 36.8. Len: 6ft. <b>0388 013615</b>	1+	<b>£16.74</b>
	<b>CLOCK CHAIN NO.36</b> Iron. I/L: 8.50mm. E/W:7.00mm. Wire: 1.80mm. LPF: 36.0. Len: 12ft. <b>0388 003614</b>	1+	<b>£9.99</b>
	<b>CLOCK CHAIN NO.33</b> Iron. I/L: 9.00mm. E/W:6.70mm. Wire: 1.90mm. LPF: 33.4. Len: 12ft. <b>0388 003315</b>	1+	<b>£9.45</b>
	<b>CLOCK CHAIN NO.108</b> Iron. I/L: 9.45mm. E/W:5.14mm. Wire: 1.18mm. LPF: 31.0. Len: 6ft. <b>0388 010814</b>	1+	<b>N/A</b>
<b>CLOCK CHAIN NO.107</b> Chromed Brass. I/L: 9.60mm. E/W:6.60mm. Wire: 1.50mm. LPF: 31.5. Len: 6ft. <b>0388 010714</b>	1+	<b>£11.55</b>	

# M&P's Horogrene<sup>TM</sup>.com

## The Horological Green Cleaner

M&P's  
3-Stage Clock  
Cleaning System



- ✓ **No strong fumes**
- ✓ **No toxic chemicals**
- ✓ **Environmentally friendly**
- ✓ **Water soluble**
- ✓ **Quick and easy to use**
- ✓ **Kind to brass**

### 3-Stage cleaning system

125ml Kit contains enough to clean several clocks.

Degreasing concentrate

Lacquer remover

Surface cleaning concentrate

Plastic gloves

Full instructions



Using only non-toxic, non-flammable and non-ammoniated liquids, M&P's Horogrene<sup>TM</sup> Clock Cleaning Kit can be used safely in the home-workshop, in classrooms and public places etc. without creating unpleasant smells, fire hazards or toxic vapours.

For decades strong mixtures of solutions containing ammonia, flammable solvents and toxic chemicals have been used to clean clocks. Whilst effective, their toxic nature and pungent smells have become less appropriate in the home and workplace. Transporting hazardous fluids has become problematic, and inappropriate disposal of chemicals can affect the environment.

*Please bear in mind that the purpose of the products in M&P's Horogrene<sup>TM</sup> is to strip off dirt, varnish and tarnish, and although they are not harmful, they will also remove natural oils from your skin. Avoid contact with skin whenever possible and wash your hands with soapy water at every opportunity. Consider the use of moisturising creams after use.*

*Use common sense. Keep out of reach of children and pets, and avoid contact with the eyes by splashing. None of the products is harmful to the environment and can all be disposed of down the drain in kit quantities.*

### How M&P's Horogrene<sup>TM</sup> works

A typical clock in need of restoration normally suffers from three distinct problems:

- The mechanism will have congealed oil mixed with dust and dirt over much of the surface
- Some parts may have been lacquered
- Parts not still lacquered may be tarnished

M&P's Horogrene<sup>TM</sup> is a 3-stage process, with each stage designed to resolve one of these problems. It is important to follow the instructions carefully and to carry out the stages in the correct order.

The amount of product to add to water is only a guide. For badly soiled parts, make the solution stronger, but not normally more than 15% concentrate. Excessively strong mixtures will not normally improve results.

Price correct at time of printing (March 2014) but subject to change without notice.

Meadows & Passmore Ltd. 1, Ellen Street, Portslade, Brighton BN41 1EU +44 (0)1273 421321 sales@m-p.co.uk

Only  
**£10.96**  
Excl. P&P and VAT  
**Part No. 1304 012515**  
Kit contains three 125ml bottles of cleaner, one for each of the three stages, plus disposable gloves and full instructions.

**500ml**  
**Individual replacement bottles & full kit also available**  
See part No's.  
1304 050001 / 2 / 3  
+ 1304 050015