

## 2. The Going Train

Platforms. Verges & Pallets. Suspensions & Pendulums.

### AMERICAN VERGES

Our three popular verges that fit over 50 models between them. If none of these suit, you may have to bend your own using the partly made verge.


1		2		3		Buy Online @ www.m-p.co.uk	Call Harvey 24 Hours	Call Harvey our Automated Sales line	
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Price per unit in £ on 19/10/2018

1	POPULAR VERGE 1200 Width of jaw 27mm. Height of vertical face 10mm. Pinhole 13mm from vertical face.	0541 120015	1+	£8.95
2	POPULAR VERGE 4800 Width of jaw 24mm. Vertical face 10mm. Pinhole 8mm from vertical face.	0541 480015	1+	£8.95
3	POPULAR VERGE 4900 Width of jaw 28mm. Vertical face 8mm. Pinhole 15mm from Vertical face.	0541 490015	1+	£8.95



### VERGE ASSORTMENTS FOR AMERICAN CLOCKS

Price per unit in £ on 19/10/2018

	ASSORTMENT OF 9 POPULAR VERGES External only, not suitable for between the plate verges.	0532 000915	1+	£12.50
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### VERGE KITS


Price per unit in £ on 19/10/2018

	PARTLY MADE VERGE Simply bend to match original, harden & polish.	0250 000415	1+	£7.25
	VERGE KIT With all the parts needed to make three verges. Only riveting is required.	0250 000315	1+	N/A

### VERGE AND WHEEL SETS

Sets of matching American verge and escape wheel. Hardened and polished. Ready for fitting. Not all wheels are crossed out by the manufacturer.

Price per unit in £ on 19/10/2018

	VERGE AND WHEEL SET 26 TEETH	0933 002615	1+	£12.45
	VERGE AND WHEEL SET 27 TEETH	0933 002715	1+	£11.89
	VERGE AND WHEEL SET 28 TEETH	0933 002815	1+	£11.89
	VERGE AND WHEEL SET 29 TEETH	0933 002915	1+	£11.89
	VERGE AND WHEEL SET 30 TEETH	0933 003015	1+	£11.89
	VERGE AND WHEEL SET 31 TEETH	0933 003115	1+	£11.89
	VERGE AND WHEEL SET 32 TEETH	0933 003215	1+	£16.52
	VERGE AND WHEEL SET 33 TEETH	0933 003315	1+	£11.89
	VERGE AND WHEEL SET 34 TEETH	0933 003415	1+	£11.89
	VERGE AND WHEEL SET 35 TEETH	0933 003515	1+	£11.89
	VERGE AND WHEEL SET 36 TEETH	0933 003615	1+	£12.45
	VERGE AND WHEEL SET 37 TEETH	0933 003715	1+	£12.85
	VERGE AND WHEEL SET 38 TEETH	0933 003815	1+	£12.85
	VERGE AND WHEEL SET 39 TEETH	0933 003915	1+	£12.45
	VERGE AND WHEEL SET 40 TEETH	0933 004015	1+	£11.89
	VERGE AND WHEEL SET 41 TEETH	0933 004115	1+	£11.89
	VERGE AND WHEEL SET 42 TEETH	0933 004215	1+	£12.85
	VERGE AND WHEEL SET 43 TEETH	0933 004315	1+	£11.89
	VERGE AND WHEEL SET 44 TEETH	0933 004415	1+	£11.89
	VERGE AND WHEEL SET 45 TEETH	0933 004515	1+	£11.89
	VERGE AND WHEEL SET 46 TEETH	0933 004615	1+	£11.89
	VERGE AND WHEEL SET 47 TEETH	0933 004715	1+	£11.89
	VERGE AND WHEEL SET 48 TEETH	0933 004815	1+	£11.89
	VERGE AND WHEEL SET 49 TEETH	0933 004915	1+	£11.89
	VERGE AND WHEEL SET 50 TEETH	0933 005015	1+	£11.89
VERGE AND WHEEL SET 51 TEETH	0933 005115	1+	£11.34	
VERGE AND WHEEL SET 52 TEETH	0933 005215	1+	£12.85	

## 2. The Going Train

### BETWEEN THE PLATE VERGES


A range of verges to go between the plates on American clocks.

1		2		3		<b>Call Harvey</b> for <b>Same day dispatch*</b>  * Conditions apply		<b>Call Harvey</b> for <b>Postage free</b> <b>delivery*</b> * Conditions apply	Call <b>HARVEY</b> on <b>0800 328 9435</b>
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		Price per unit in £ on 19/10/2018	
1	<b>BETWEEN THE PLATE VERGE 2</b> 32mm between plates. Overall length of pallet 23mm.	0541 030215	1+ £8.96
2	<b>BETWEEN THE PLATE VERGE 3</b> 33mm between plates. Overall length of pallet 26mm.	0541 030315	1+ £8.96
3	<b>BETWEEN THE PLATE VERGE 4</b> 45mm between plates. Overall length of pallet 25mm.	0541 030415	1+ £9.40


### AMERICAN VERGE PIN PLATE

Price per unit in £ on 19/10/2018

	<b>AMERICAN VERGE PIN PLATE</b> Ready to rivet onto front plate.	0467 000115	1+ £4.36
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### AMERICAN SLOTTED SUSPENSION STUD

Price per unit in £ on 19/10/2018

	<b>AMERICAN SLOTTED SUSPENSION STUD</b> For supporting the suspension wire.	0468 000115	1+ £3.69
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### CLOCK JEWEL BARS

Price per unit in £ on 19/10/2018

	<b>CLOCK JEWEL BARS</b> Also known as 'Elephant bars' they support swinging arms on clocks. Solid brass bar with 2 jewels in the top. Overall length 27mm, excluding the 15mm of threaded shaft. Distance between centres 18mm.	0984 000115	1+ £26.95
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### FLOATING BALANCE WIRE

Price per unit in £ on 19/10/2018

	<b>FLOATING BALANCE WIRE</b> 1m. coil of 0.2mm floating balance wire. This is the suspension wire, not the coiled spring.	0641 000115	1+ £2.35
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### ASSORTED PALLET BLANKS

Price per unit in £ on 19/10/2018

	<b>ASSORTED PALLET BLANKS</b> 9 small blanks for German and other mass-produced clocks. 2-3mm thick.	0944 000915	1+ £29.95
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### HAIRSPRING ASSORTMENT


Price per unit in £ on 19/10/2018

	<b>HAIRSPRING ASSORTMENT - 14mm &amp; 18mm</b> An assortment of two types of hairsprings (14mm & 18mm) with collets for mass-produced alarm and mantel clocks. (72 per pack) Not suitable for platform escapements or miniature alarm clocks.	0588 007215	1+ £15.85
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### SAPPHIRE PALLET JEWELS


Size given is the diameter. Normally set in place with shellac stick. Red sapphire. 1/3 round, 2/3rds semi-circular.

Price per unit in £ on 19/10/2018

	<b>SAPPHIRE PALLET JEWEL 1.75mm</b> Red sapphire jewel sold singly. 1.75mm diameter.	0654 017515	1+ £12.06
			2+ £10.85
	<b>SAPPHIRE PALLET JEWEL 2mm</b> Red sapphire jewel sold singly. 2mm diameter.	0654 020015	1+ £12.06
			2+ £10.85
	<b>SAPPHIRE PALLET JEWEL 2.25mm</b> Red sapphire jewel sold singly. 2.25mm diameter.	0654 022515	1+ £12.06
			2+ £10.85

### STICK SHELLAC

Price per unit in £ on 19/10/2018


	<b>STICK SHELLAC</b> For setting pallet jewels in place. 50mm stick.	0359 004015	1+ £3.36
			2+ £3.02

## 2. The Going Train

### LONGCASE ESCAPE WHEELS


Cut and crossed out ready for mounting onto existing arbor. 30 teeth. Cut from solid brass.

Price per unit in £ on 19/10/2018

	LONGCASE ESCAPE WHEEL <b>43mm</b> Thickness 1.6mm. Diameter 43mm.	<b>0512 000115</b>	1+	<b>£26.39</b>
	LONGCASE ESCAPE WHEEL <b>45mm</b> Thickness 1.6mm. Diameter 45mm.	<b>0512 000215</b>	1+	<b>£26.39</b>


### LONGCASE WHEELS AND MATCHING PALLETS

Price per unit in £ on 19/10/2018

	LONGCASE WHEEL AND MATCHING PALLET Wheel with matched pallet. 30 teeth. 1 1/2" centres. Small arc suitable for slim cases. Pallet is fully finished, ready for installation.	<b>0587 000215</b>	1+	<b>£79.90</b>
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### ASSORTED PALLET JAWS

Price per unit in £ on 19/10/2018





	ASSORTED PALLET JAWS For cuckoo and German mass-produced clocks. 12 pcs.	<b>0479 001215</b>	1+	<b>£19.70</b>
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### PALLET FORGINGS

Price per unit in £ on 19/10/2018

	FUSEE PALLET FORGING Suitable for making a pallet for any fusee clock.	<b>0480 000115</b>	1+	<b>£4.45</b>
	LONGCASE PALLET FORGING For making any Longcase pallet.	<b>0265 000115</b>	1+	<b>£5.19</b>

### CRUTCH BLANKS


1 	2 	3 	<b>M &amp; P</b> Key Suppliers to Clockmakers		Buy Online @ <a href="http://www.m-p.co.uk">www.m-p.co.uk</a>	Call Harvey 24 Hours

Price per unit in £ on 19/10/2018

1 FUSEE CLOCK CRUTCH BLANK Brass	<b>0314 000115</b>	1+	<b>£4.13</b>
2 FRENCH CRUTCH BLANK Brass	<b>0306 000115</b>	1+	<b>£5.30</b>
3 LONGCASE CRUTCH BLANK Steel	<b>0284 000115</b>	1+	<b>£4.29</b>
		3+	<b>£3.86</b>
		Pack of 10	<b>£3.43</b>
		Pack of 30	<b>£3.22</b>



### LONGCASE & FUSEE TENSION SPRINGS

Price per unit in £ on 19/10/2018

	LONGCASE & FUSEE TENSION SPRING Brass. Square pilot hole.	<b>0291 000115</b>	1+	<b>£1.48</b>
			5+	<b>£1.33</b>
			Pack of 10	<b>£1.18</b>
			Pack of 30	<b>£1.11</b>

### PENDULUM LEADERS






Price per unit in £ on 19/10/2018

	PENDULUM LEADER TYPE A Easily shortened or modified. 134mm from hook to pin. Steel. 5mm wide, 1mm thick. Pendulum pin at bottom.	<b>0561 013415</b>	1+	<b>£14.90</b>
	BLANK BRASS LEADER Hard, flat brass piece for making your own pendulum leader. 20mm x 12mm x 1mm approx.	<b>0561 000115</b>	1+	<b>£2.95</b>

## 2. The Going Train

### SUSPENSION RODS FOR AMERICAN & GERMAN CLOCKS



All sizes approximate.

1		2		3		4		<p><b>Call Harvey our Automated Sales line</b></p> 	<p><b>Call Harvey for Same day dispatch*</b></p> <p>* Conditions apply</p>
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			Price per unit in £ on 19/10/2018	
1	SUSPENSION ROD RIVETED 16" The suspension is riveted to the end of the wire.	0239 000115	1+	£1.99
			3+	£1.79
			Pack of 10	£1.59
			Pack of 100	£1.29
2	SUSPENSION ROD IN ONE PIECE 24" / 600mm total length. The suspension has been made by flattening the wire. Hammered end.	0239 000315	1+	£3.20
			3+	£2.88
3	AMERICAN SUSPENSION T TYPE HANGER - STRAIGHT 12" / 300mm total length.	0239 000415	1+	£4.79
4	AMERICAN SUSPENSION T TYPE HANGER - BENT 12 1/4" / 315mm total length.	0239 000515	1+	£5.55













### LONGCASE CLOCK SUSPENSIONS

Price per unit in £ on 19/10/2018

	LONGCASE SINGLE ENDED CLOCK SUSPENSION This is intended as a replacement for an existing pendulum that still has the brass block at the top of the rod.	0270 000115	1+	£1.60
			3+	£1.44
			Pack of 10	£1.44
			Pack of 30	£1.36
	LONGCASE DOUBLE ENDED CLOCK SUSPENSION 1/8" Whitworth thread. This is normally used when making up a complete pendulum. It comes complete with the lower brass block that screws onto the top of the steel rod.	0271 000115	1+	£2.75
			3+	£2.47
			Pack of 10	£2.47
			Pack of 30	£2.34

### FRENCH CLOCK SUSPENSIONS

Standard quality units with metal blocks. See catalogue appendix for actual sizes.

1		2		3		4		5		6		7	
8		9		10		11		 <p><b>Call Harvey for Postage free delivery*</b></p> <p>* Conditions apply</p>	<p><b>Call HARVEY on 0800 328 9435</b></p>				

Price per unit in £ on 19/10/2018






1	FRENCH CLOCK SUSPENSION TYPE A 25 x 5mm. European made.	0297 000115	1+	£3.50
			3+	£3.15
			Pack of 10	£2.97
			Pack of 50	£2.62
2	FRENCH CLOCK SUSPENSION TYPE B 31 x 6mm. European made.	0298 000115	1+	£3.50
			3+	£3.15
			Pack of 10	£2.97
			Pack of 50	£2.62
3	FRENCH CLOCK SUSPENSION TYPE C 27 x 5mm. European made.	0299 000115	1+	£3.50
			3+	£3.15
			Pack of 10	£2.97
			Pack of 50	£2.62
4	FRENCH CLOCK SUSPENSION TYPE D 24 X 5mm. European made.	0347 000115	1+	£3.50
			3+	£3.15
			Pack of 10	£2.97
			Pack of 50	£2.62
5	FRENCH CLOCK SUSPENSION TYPE E 20 x 4mm. European made.	0300 000115	1+	£3.50
			3+	£3.15
			Pack of 10	£2.97
			Pack of 50	£2.62
6	FRENCH CLOCK SUSPENSION TYPE L 20 x 10mm.	0513 000115	1+	£4.33
			3+	£3.90
			Pack of 10	£3.68
7	FRENCH CLOCK SUSPENSION TYPE V 22 x 5mm.	1310 004615	1+	£3.58
			3+	£3.22
			Pack of 10	£3.04
			Pack of 50	£2.68
8	FRENCH CLOCK SUSPENSION TYPE X 18 x 5mm.	1310 000715	1+	N/A
			3+	N/A
			Pack of 10	N/A
			Pack of 50	N/A
9	FRENCH CLOCK SUSPENSION TYPE Y 27 x 5mm.	1310 003515	1+	£3.58
			3+	£3.22
			Pack of 10	£3.04
			Pack of 50	£2.68
10	FRENCH CLOCK SUSPENSION TYPE Z 22 x 5mm.	1310 005215	1+	£3.58
			3+	£3.22
			Pack of 10	£3.04
			Pack of 50	£2.68
11	FRENCH CLOCK SILK 1 metre coil of silk for French suspensions.	0514 000115	1+	£0.98
			2+	£0.88
			Pack of 10	£0.78

## 2. The Going Train

### SUSPENSIONS FOR BRITISH/GERMAN CLOCKS, M N P & Q

With metal blocks. Supplied complete with brass leader and rivet. Size of the leader: 60 x 5mm. Supplied in three easy to assemble parts. See Catalogue Appendix for actual sizes.














1 	2 	3 	4 	<b>M &amp; P</b> Key Suppliers to Clockmakers		Buy Online @ <a href="http://www.m-p.co.uk">www.m-p.co.uk</a>
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			Price per unit in £ on 19/10/2018	
1	BRITISH/GERMAN CLOCK SUSPENSION TYPE M 36 x 4mm.	0560 000115	1+	£9.43
			3+	£8.49
2	BRITISH/GERMAN CLOCK SUSPENSION TYPE N 31 x 4mm.	0560 000215	1+	£9.43
			3+	£8.49
3	BRITISH/GERMAN CLOCK SUSPENSION TYPE P 27 x 4mm.	0560 000315	1+	£9.43
			3+	£8.49
4	BRITISH/GERMAN CLOCK SUSPENSION TYPE Q 21 x 4mm.	0560 000415	1+	£9.43
			3+	£8.49

### SUSPENSIONS FOR BRITISH & GERMAN CLOCKS


High quality, with metal blocks. See Catalogue Appendix for actual sizes.

1 	2 	3 	4 	5 	6 	7 
8 	9 	Call Harvey 24 Hours	Call Harvey our Automated Sales line		Call Harvey for Same day dispatch*  * Conditions apply	

			Price per unit in £ on 19/10/2018	
1	BRITISH/GERMAN CLOCK SUSPENSION TYPE F. 15 x 8mm.	0336 000115	1+	£2.95
			3+	£2.65
			Pack of 10	£2.51
			Pack of 50	£2.21
2	BRITISH/GERMAN CLOCK SUSPENSION TYPE G. 17 x 10mm.	0337 000115	1+	£2.95
			3+	£2.65
			Pack of 10	£2.51
			Pack of 50	£2.21
3	BRITISH/GERMAN CLOCK SUSPENSION TYPE H. 19 x 10mm.	0338 000115	1+	£2.95
			3+	£2.65
			Pack of 10	£2.51
			Pack of 50	£2.21
4	BRITISH/GERMAN CLOCK SUSPENSION TYPE J. 20 x 10mm.	0339 000115	1+	£2.95
			3+	£2.65
			Pack of 10	£2.51
			Pack of 50	£2.21
5	BRITISH/GERMAN CLOCK SUSPENSION TYPE K. 25 x 12mm.	0340 000115	1+	£3.50
			3+	£3.15
			Pack of 10	£2.97
			Pack of 50	£2.62
6	BRITISH/GERMAN CLOCK SUSPENSION TYPE R 16 x 17mm. Suitable for Kundo ATO battery clocks.	0672 000115	1+	£9.85
			3+	£8.86
			Pack of 10	£8.37
7	BRITISH/GERMAN CLOCK SUSPENSION TYPE S 29 x 15mm.	0925 000115	1+	£4.02
			3+	£3.62
			Pack of 10	£3.42
8	SUSPENSION FOR URGOS CLOCK, SMALL. TYPE T 30 x 8mm.	1089 000115	1+	£9.54
9	SUSPENSION FOR URGOS CLOCK, LARGE. TYPE U 42 x 12mm.	1089 000215	1+	£9.54

### SUSPENSION FOR BULLE CLOCK

Price per unit in £ on 19/10/2018

	SUSPENSION RIBBON FOR BULLE CLOCK 2 strips, 1 white and 1 black, 30cm approx.	1602 000115	1+	£1.65
			2+	£1.48

## 2. The Going Train

### CLOCK SUSPENSION ASSORTMENT

1 	2 	3 	<b>Call Harvey</b> for <b>Postage free</b> <b>delivery*</b> <small>* Conditions apply</small>	Call <b>HARVEY</b> on <b>0800 328 9435</b>	<b>M &amp; P</b> Key Suppliers to Clockmakers	
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Price per unit in £ on 19/10/2018

<b>1</b> <b>CLOCK SUSPENSION ASSORTMENT</b> Pack of 12 assorted popular suspensions for mass-produced French, German & British clocks. All with metal blocks.	<b>0640 001215</b>	1+	<b>£21.90</b>
<b>2</b> <b>FRENCH CLOCK SUSPENSION ASSORTMENT</b> For French clocks. Pack of 5.	<b>0640 000506</b>	1+	<b>£13.50</b>
<b>3</b> <b>GERMAN CLOCK SUSPENSION ASSORTMENT</b> For German and British clocks. Pack of 5.	<b>0640 000507</b>	1+	<b>£10.95</b>

### CLOCK SUSPENSION STRIP


Coils of high grade hardened, tempered & polished suspension steel spring, for repairing and making suspensions.

Price per unit in £ on 19/10/2018

	<b>CLOCK SUSPENSION STRIP 1 metre. 6.0mm x 0.080mm</b>	<b>1411 608015</b>	1+	<b>£5.60</b>
	<b>CLOCK SUSPENSION STRIP 1 metre. 6.0mm x 0.100mm</b>	<b>1411 610015</b>	1+	<b>£5.60</b>
	<b>CLOCK SUSPENSION STRIP 1 metre. 6.0mm x 0.130mm</b>	<b>1411 613015</b>	1+	<b>£5.60</b>
	<b>CLOCK SUSPENSION STRIP 1 metre. 6.0mm x 0.145mm</b>	<b>1411 614515</b>	1+	<b>£5.60</b>
	<b>CLOCK SUSPENSION STRIP 1 metre. 6.0mm x 0.150mm</b>	<b>1411 615015</b>	1+	<b>£5.60</b>
	<b>CLOCK SUSPENSION STRIP 1 metre. 6.0mm x 0.155mm</b>	<b>1411 615515</b>	1+	<b>£5.60</b>

### CLOCK SUSPENSION SPRING STEEL ASSORTMENT



Price per unit in £ on 19/10/2018

	<b>CLOCK SUSPENSION SPRING STEEL ASSORTMENT</b> Assorted spring sheet for making unusual sizes. 8 pieces 60 x 60mm. 0.04mm-0.12mm thick.	<b>0626 000815</b>	1+	<b>£50.49</b>
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### FUSEE CLOCK SUSPENSION


(See catalogue appendix for actual sizes)

Price per unit in £ on 19/10/2018

	<b>FUSEE CLOCK SUSPENSION TYPE AA</b> 63 x 6mm overall. Suspension steel spring, with one brass end. The spring steel fits into a slot in the top of the pendulum.	<b>0319 000115</b>	1+	<b>£3.58</b>
			3+	<b>£3.22</b>
			Pack of 10	<b>£3.04</b>
	<b>SUSPENSION TYPE W</b> 72 x 5mm.	<b>1310 005115</b>	1+	<b>£4.96</b>
			3+	<b>£4.46</b>
			Pack of 10	<b>£4.22</b>
			Pack of 50	<b>£3.72</b>


### ZAANDAM CLOCK SUSPENSION

Price per unit in £ on 19/10/2018

	<b>SUSPENSION FOR ZAANDAM CLOCKS</b> 38mm overall, 8mm end width, 4mm body width. (approx)	<b>1316 032215</b>	1+	<b>£9.19</b>
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### BRILLIE SUSPENSION

Price per unit in £ on 19/10/2018

	<b>BRILLIE SUSPENSION SPRING</b> 19 x 12mm. Holes: 12mm apart, 1.25mm wide. 2 x pins: 1.25mm wide, 9mm long.	<b>1318 000115</b>	1+	<b>£19.84</b>
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### 400 DAY SUSPENSIONS IN ASSORTMENTS

Price per unit in £ on 19/10/2018

	<b>400 DAY CLOCK SUSPENSION POPULAR ASSORTMENT</b> Assortment contains the following sizes.	<b>0401 000115</b>	1+	<b>£18.45</b>
	1 x 0.051mm 0.0020"    2 x 0.081mm 0.0032" 2 x 0.058mm 0.0023"    2 x 0.089mm 0.0035" 1 x 0.064mm 0.0025"    1 x 0.094mm 0.0037" 1 x 0.076mm 0.0030"    2 x 0.102mm 0.0040"			
	<b>400 DAY CLOCK SUSPENSION INTERMEDIATE ASSORTMENT</b> Assortment contains the following sizes.	<b>0401 000215</b>	1+	<b>£18.45</b>
	1 x 0.046mm 0.0018"    1 x 0.079mm 0.0031" 1 x 0.048mm 0.0019"    1 x 0.084mm 0.0033" 1 x 0.053mm 0.0021"    1 x 0.091mm 0.0036" 1 x 0.056mm 0.0022"    1 x 0.097mm 0.0038" 1 x 0.061mm 0.0024"    1 x 0.114mm 0.0045" 1 x 0.071mm 0.0028"    1 x 0.127mm 0.0050"			

## 2. The Going Train

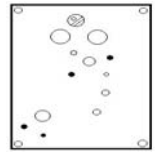
### 400 DAY CLOCK SUSPENSION WIRES

Available in a range of thicknesses. Length 140mm. Width 0.5mm


Due to the wide variations in characteristics of spring steel and because many older suspensions were made of bronze, it is impossible to supply a replacement wire simply by measuring the old one. Only a laboratory can establish the spring characteristics of the material. It is most important that the correct wire be fitted if a lot of wasted time is to be avoided.

To establish the correct replacement, you must refer to 'Anniversary Clock Identification' by Mervyn Passmore (our part number 0412 21226) or the 'Horolovar 400 Day Repair Guide' (our part number 0412 000126) or send us an actual size scale drawing or photocopy of the blackplate of clock movement, showing all holes, screws and any text marked, for us to do this on your behalf. From this we can establish which factory made the movement. WE MAKE A SMALL SAMPLES CHARGE FOR THIS SERVICE. The name on the dial is often irrelevant. Please indicate whether a complete unit or just the wire is required. When only the wire is available, you may need to purchase a pack of blocks and forks. The kind of drawing we need to identify the model is shown. Please do not email it, because we cannot be certain that it will print out the same size. We have to compare your drawing with hundreds of similar actual size photos and drawings. Likewise, photos are no use for this purpose.











































[www.anniversaryclockidentification.com](http://www.anniversaryclockidentification.com) has a free online 400 day movement identification system.



Price per unit in £ on 19/10/2018

	<b>400 DAY CLOCK SUSPENSIONS .046mm</b> Pack of 3 400 day wires. .046mm .0018"	<b>0401 001815</b>	1+	£4.95
	<b>400 DAY CLOCK SUSPENSIONS .048mm</b> Pack of 3 400 day wires. .048mm .0019"	<b>0401 001915</b>	1+	£4.95
	<b>400 DAY CLOCK SUSPENSIONS .051mm</b> Pack of 3 400 day wires. .051mm .0020"	<b>0401 002015</b>	1+	£4.95
	<b>400 DAY CLOCK SUSPENSIONS .053mm</b> Pack of 3 400 day wires. .053mm .0021"	<b>0401 002115</b>	1+	£4.95
	<b>400 DAY CLOCK SUSPENSIONS .056mm</b> Pack of 3 400 day wires. .056mm .0022"	<b>0401 002215</b>	1+	£4.95
	<b>400 DAY CLOCK SUSPENSIONS .058mm</b> Pack of 3 400 day wires. .058mm .0023"	<b>0401 002315</b>	1+	£4.95
	<b>400 DAY CLOCK SUSPENSIONS .061mm</b> Pack of 3 400 day wires. .061mm .0024"	<b>0401 002415</b>	1+	£4.95
	<b>400 DAY CLOCK SUSPENSIONS .064mm</b> Pack of 3 400 day wires. .064mm .0025"	<b>0401 002515</b>	1+	£4.95
	<b>400 DAY CLOCK SUSPENSIONS .071mm</b> Pack of 3 400 day wires. .071mm .0028"	<b>0401 002815</b>	1+	£4.95
	<b>400 DAY CLOCK SUSPENSIONS .076mm</b> Pack of 3 400 day wires. .076mm .0030"	<b>0401 003015</b>	1+	£4.95
	<b>400 DAY CLOCK SUSPENSIONS .079mm</b> Pack of 3 400 day wires. .079mm .0031"	<b>0401 003115</b>	1+	£4.95
	<b>400 DAY CLOCK SUSPENSIONS .081mm</b> Pack of 3 400 day wires. .081mm .0032"	<b>0401 003215</b>	1+	£4.95
	<b>400 DAY CLOCK SUSPENSIONS .084mm</b> Pack of 3 400 day wires. .084mm .0033"	<b>0401 003315</b>	1+	£4.95
	<b>400 DAY CLOCK SUSPENSIONS .086mm</b> Pack of 3 400 day wires. .086mm .0034"	<b>0401 003415</b>	1+	£4.95
	<b>400 DAY CLOCK SUSPENSIONS .089mm</b> Pack of 3 400 day wires. .089mm .0035"	<b>0401 003515</b>	1+	£4.95
	<b>400 DAY CLOCK SUSPENSIONS .091mm</b> Pack of 3 400 day wires. .091mm .0036"	<b>0401 003615</b>	1+	£4.95
	<b>400 DAY CLOCK SUSPENSIONS .094mm</b> Pack of 3 400 day wires. .094mm .0037"	<b>0401 003715</b>	1+	£4.95
	<b>400 DAY CLOCK SUSPENSIONS .097mm</b> Pack of 3 400 day wires. .097mm .0038"	<b>0401 003815</b>	1+	£4.95
	<b>400 DAY CLOCK SUSPENSIONS .102mm</b> Pack of 3 400 day wires. .102mm .0040"	<b>0401 004015</b>	1+	£4.95
	<b>400 DAY CLOCK SUSPENSIONS .11mm</b> Pack of 12 400 day wires. .114mm .0045"	<b>0401 004515</b>	1+	£17.52
<b>400 DAY CLOCK SUSPENSIONS .12mm</b> Pack of 12 400 day wires. .127mm .0050"	<b>0401 005015</b>	1+	£17.52	
<b>400 DAY CLOCK SUSPENSIONS .14mm</b> Pack of 12 400 day wires. .140mm .0055"	<b>0401 005515</b>	1+	£17.52	
<b>400 DAY CLOCK SUSPENSIONS .15mm</b> Pack of 12 400 day wires. .152mm .0060"	<b>0401 006015</b>	1+	£17.52	

### SUSPENSION RANGE

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	

## 2. The Going Train

43		44		45		46		47		48		49	
50		51		52		53		54		55		56	
57		58		59		60		61		62		63	
64		65		66		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 19/10/2018

1	SUSPENSION I - 002 15mm x 9mm	1322 000215	1+	£3.58
			3+	£3.22
			Pack of 10	£3.04
			Pack of 50	£2.68
2	SUSPENSION I - 005 18mm x 9mm	1322 000515	1+	N/A
			3+	N/A
			Pack of 10	N/A
			Pack of 50	N/A
3	SUSPENSION I - 015 17mm x 8mm	1322 001515	1+	£3.58
			3+	£3.22
			Pack of 10	£3.04
			Pack of 50	£2.68
4	SUSPENSION I - 016 16mm x 9mm	1322 001615	1+	£3.58
			3+	£3.22
			Pack of 10	£3.04
			Pack of 50	£2.68
5	SUSPENSION I - 017 18mm x 7mm	1322 001715	1+	£3.58
			3+	£3.22
			Pack of 10	£3.04
			Pack of 50	£2.68
6	SUSPENSION I - 018 21mm x 7mm	1322 001815	1+	£3.58
			3+	£3.22
			Pack of 10	£3.04
			Pack of 50	£2.68
7	SUSPENSION I - 019 18mm x 7mm	1322 001915	1+	£3.58
			3+	£3.22
			Pack of 10	£3.04
			Pack of 50	£2.68
8	SUSPENSION I - 020 23mm x 9mm	1322 002015	1+	£3.58
			3+	£3.22
			Pack of 10	£3.04
			Pack of 50	£2.68
9	SUSPENSION I - 022 16mm x 11mm	1322 002215	1+	£3.58
			3+	£3.22
			Pack of 10	£3.04
			Pack of 50	£2.68
10	SUSPENSION I - 023 18mm x 11mm	1322 002315	1+	£3.58
			3+	£3.22
			Pack of 10	£3.04
			Pack of 50	£2.68
11	SUSPENSION I - 024 18mm x 11mm	1322 002415	1+	£3.58
			3+	£3.22
			Pack of 10	£3.04
			Pack of 50	£2.68
12	SUSPENSION I - 025 19mm x 11mm	1322 002515	1+	£3.58
			3+	£3.22
			Pack of 10	£3.04
			Pack of 50	£2.68
13	SUSPENSION I - 026 20mm x 11mm	1322 002615	1+	£3.58
			3+	£3.22
			Pack of 10	£3.04
			Pack of 50	£2.68
14	SUSPENSION I - 027 21mm x 11mm	1322 002715	1+	£3.58
			3+	£3.22
			Pack of 10	£3.04
			Pack of 50	£2.68
15	SUSPENSION I - 028 22mm x 10mm	1322 002815	1+	£3.58
			3+	£3.22
			Pack of 10	£3.04
			Pack of 50	£2.68
16	SUSPENSION I - 029 17mm x 6mm	1322 002915	1+	£3.58
			3+	£3.22
			Pack of 10	£3.04
			Pack of 50	£2.68
17	SUSPENSION I - 030 19mm x 6mm	1322 003015	1+	£3.58
			3+	£3.22
			Pack of 10	£3.04
			Pack of 50	£2.68



## 2. The Going Train

18 SUSPENSION I - 031 23mm x 9mm	1322 003115	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
19 SUSPENSION I - 032 24mm x 10mm	1322 003215	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
20 SUSPENSION I - 033 23mm x 11mm	1322 003315	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
21 SUSPENSION I - 036 24mm x 5mm	1322 003615	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
22 SUSPENSION I - 037 42mm x 6mm	1322 003715	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
23 SUSPENSION I - 039 24mm x 12mm	1322 003915	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
24 SUSPENSION I - 041 22mm x 11mm	1322 004115	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
25 SUSPENSION I - 042 25mm x 11mm	1322 004215	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
26 SUSPENSION I - 044 30mm x 13mm	1322 004415	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
27 SUSPENSION I - 045 34mm x 13mm	1322 004515	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
28 SUSPENSION I - 047 17mm x 7mm	1322 004715	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
29 SUSPENSION I - 048 30mm x 15mm	1322 004815	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
30 SUSPENSION I - 049 16mm x 6mm	1322 004915	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
31 SUSPENSION I - 050 51mm x 6mm	1322 005015	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
32 SUSPENSION I - 053 15mm x 6mm	1322 005315	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
33 SUSPENSION I - 054 15mm x 7mm	1322 005415	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
34 SUSPENSION I - 060 26mm x 12mm	1322 006015	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
35 SUSPENSION I - 061 18mm x 8mm	1322 006115	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
36 SUSPENSION I - 063 18mm x 7mm	1322 006315	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
37 SUSPENSION I - 064 18mm x 8mm	1322 006415	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
38 SUSPENSION I - 065 20mm x 9mm	1322 006515	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
39 SUSPENSION I - 068 15mm x 7mm	1322 006815	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
40 SUSPENSION I - 040 20mm x 11mm	1322 004015	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
41 SUSPENSION I - 069 18mm x 8mm	1322 006915	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
42 SUSPENSION I - 070 17mm x 7mm	1322 007015	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
43 SUSPENSION I - 071 14mm x 6mm	1322 007115	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68

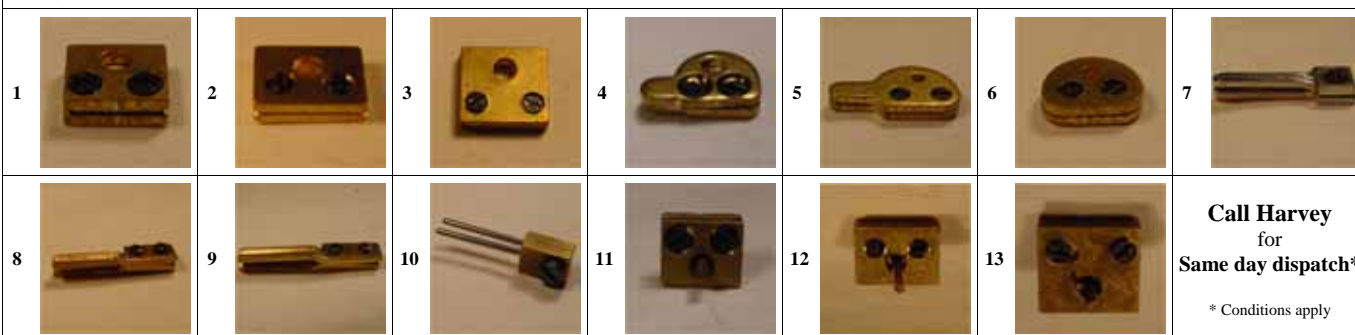
## 2. The Going Train

44 SUSPENSION I - 072 21mm x 9mm	1322 007215	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
45 SUSPENSION I - 073 17mm x 8mm	1322 007315	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
46 SUSPENSION I - 074 16mm x 7mm	1322 007415	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
47 SUSPENSION I - 075 18mm x 8mm	1322 007515	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
48 SUSPENSION I - 076 17mm x 7mm	1322 007615	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
49 SUSPENSION I - 077 23mm x 9mm	1322 007715	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
50 SUSPENSION I - 082 35mm x 5mm	1322 008215	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
51 SUSPENSION I - 083 30mm x 5mm	1322 008315	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
52 SUSPENSION I - 084 35mm x 15mm	1322 008415	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
53 SUSPENSION I - 085 22mm x 13mm	1322 008515	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
54 SUSPENSION I - 086 25mm x 10mm	1322 008615	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
55 SUSPENSION I - 088 43mm x 6mm	1322 008815	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
56 SUSPENSION I - 090 26mm x 11mm	1322 009015	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
57 SUSPENSION I - 091 21mm x 8mm	1322 009115	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
58 SUSPENSION I - 092 19mm x 8mm	1322 009215	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
59 SUSPENSION I - 096 21mm x 9mm	1322 009615	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
60 SUSPENSION I - 097 19mm x 7mm	1322 009715	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
61 SUSPENSION I - 098 19mm x 7mm	1322 009815	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
62 SUSPENSION I - 099 21mm x 9mm	1322 009915	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
63 SUSPENSION I - 100 26mm x 11mm	1322 010015	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
64 SUSPENSION I - 101 34mm x 5mm	1322 010115	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
65 SUSPENSION I - 105 18mm x 7mm	1322 010515	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68
66 SUSPENSION I - 305 17mm x 8mm	1322 030515	1+	£3.58
		3+	£3.22
		Pack of 10	£3.04
		Pack of 50	£2.68

## 2. The Going Train

### BLOCKS AND FORKS FOR 400 DAY CLOCKS

A range of blocks and forks to suit 400 day torsion clocks. Sold individually unless described otherwise.



Call Harvey  
for  
Same day dispatch\*



\* Conditions apply

Price per unit in £ on 19/10/2018

1	RECTANGULAR TOP BLOCK FOR 400 DAY CLOCKS. SMALL. 6mm x 5mm.	1301 010115	1+	£2.18
			3+	£1.96
			Pack of 10	£1.74
			Pack of 50	£1.42
2	RECTANGULAR TOP BLOCK FOR 400 DAY CLOCKS. MEDIUM. 8mm x 6mm.	1301 010215	1+	£2.18
			3+	£1.96
			Pack of 10	£1.74
			Pack of 50	£1.42
3	RECTANGULAR TOP BLOCK FOR 400 DAY CLOCKS. LARGE. 13mm x 6mm.	1301 010315	1+	£2.18
			3+	£1.96
			Pack of 10	£1.74
			Pack of 50	£1.42
4	CURVED TOP BLOCK FOR 400 DAY CLOCKS. SMALL.	1301 010415	1+	£2.18
			3+	£1.96
			Pack of 10	£1.74
			Pack of 50	£1.42
5	CURVED TOP BLOCK FOR 400 DAY CLOCKS. LARGE.	1301 010515	1+	£2.18
			3+	£1.96
			Pack of 10	£1.74
			Pack of 50	£1.42
6	ROUNDED TOP BLOCK FOR 400 DAY CLOCKS.	1301 010615	1+	£2.18
			3+	£1.96
			Pack of 10	£1.74
			Pack of 50	£1.42
7	PRESSED FORK FOR 400 DAY CLOCKS. SMALL. 13mm x 3.5mm	1301 020115	1+	£2.18
			3+	£1.96
			Pack of 10	£1.74
			Pack of 50	£1.42
8	PRESSED FORK FOR 400 DAY CLOCKS. MEDIUM. 15mm x 3.5mm	1301 020215	1+	£2.18
			3+	£1.96
			Pack of 10	£1.74
			Pack of 50	£1.42
9	PRESSED FORK FOR 400 DAY CLOCKS. LARGE. 18mm x 3.5mm	1301 020315	1+	£2.18
			3+	£1.96
			Pack of 10	£1.74
			Pack of 50	£1.42
10	FORK FOR 400 DAY CLOCKS. STEEL PINS. This is the modern improved fork with steel pins in a solid brass block. Not as originally fitted to most clocks.	1301 020415	1+	£4.25
			3+	£4.04
11	RECTANGULAR BOTTOM BLOCK FOR 400 DAY CLOCKS. SMALL. 6mm x 5mm.	1301 030115	1+	£2.18
			3+	£1.96
			Pack of 10	£1.74
			Pack of 50	£1.42
12	RECTANGULAR BOTTOM BLOCK FOR 400 DAY CLOCKS. MEDIUM. 8mm x 6mm.	1301 030215	1+	£2.18
			3+	£1.96
			Pack of 10	£1.74
			Pack of 50	£1.42
13	RECTANGULAR BOTTOM BLOCK FOR 400 DAY CLOCKS. LARGE. 13mm x 6mm.	1301 030315	1+	£2.18
			3+	£1.96
			Pack of 10	£1.74
			Pack of 50	£1.42


### 400 DAY BLOCKS & FORKS

Price per unit in £ on 19/10/2018

	<b>FORKS &amp; BLOCKS</b> Assorted top & bottom blocks & forks for assembling suspension units. Pack of 12. 3 x top rectangular blocks. 3x shaped top blocks. 3 x forks. 3 x bottom blocks. All 12 are different.	0401 001015	1+	£17.08
			2+	£15.37
	<b>400 DAY LOWER BRASS BLOCKS ASSORTMENT</b> These tend to go missing first. 6pcs. 2 of each size.	0401 000615	1+	£10.47
			2+	£9.42

### 400 DAY SUSPENSION ASSEMBLY JIG

Price per unit in £ on 19/10/2018

	<b>ANNIVERSARY CLOCK SUSPENSION JIG</b> A jig for assembling 400 day clock units. Spring clips hold the component parts of a unit such as the top and bottom blocks in position to facilitate assembly of these delicate items.	1302 000115	1+	£24.85
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## 2. The Going Train

### 400 DAY BATTERY BOX

Price per unit in £ on 19/10/2018



**400 DAY BATTERY BOX** For converting clocks that took the large 1.5v battery to take a modern 1400 (R14). Fits most models and has screw terminals for connection, as did the originals. Dimensions: 80mm x 100mm x 22mm.

0686 000115

1+

£19.72

### 400 DAY CLOCK SUSPENSION UNITS

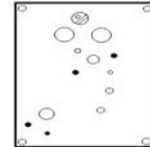
These units are assembled in individual jigs. The width and thickness of the spring may not be the same as for the spring which it replaces, but its torsion characteristics are nevertheless correct.

Due to the wide variations in characteristics of spring steel and because many older suspensions were made of bronze, it is impossible to supply a replacement wire simply by measuring the old one. Only a laboratory can establish the spring characteristics of the material. It is most important that the correct wire be fitted if a lot of wasted time is to be avoided.

To establish the correct replacement, you should refer to one of the specialist books on the subject, such as 'Anniversary Clock Identification' by Mervyn Passmore (0412 021226) or the 'Horolovar 400 Day Repair Guide' (our part number 0412 000126).

[www.anniversaryclockidentification.com](http://www.anniversaryclockidentification.com) has a free online 400 day movement identification system.

Alternatively you can send us an actual size scale drawing or photocopy of the blackplate of clock movement, showing all holes, screws and any text marked, for us to do this on your behalf. From this we can establish which factory made the movement. The name on the dial is often irrelevant. Please indicate whether a complete unit or just the wire is required. When only the wire is available, you may need to purchase a pack of blocks and forks. The kind of drawing we need to identify the model is shown. Please do not email it, because we cannot be certain that it will print out the same size. We have to compare your drawing with hundreds of similar actual drawings. Likewise, photos are no use for this purpose.



Price per unit in £ on 19/10/2018

<b>400 DAY CLOCK SUSPENSION UNIT 1 (KO-S)</b> Suitable for the Kieninger & Obergfell Standard movement with an arm adjuster (70 x 92mm, KO-SA), and the Standard movement with an eccentric nut adjuster (68 x 92mm, KO-SE).	0679 000115	1+	£20.29
<b>400 DAY CLOCK SUSPENSION UNIT 3A</b>	0679 000301	1+	£20.29
<b>400 DAY CLOCK SUSPENSION UNIT 3B</b>	0679 000302	1+	£20.67
<b>400 DAY CLOCK SUSPENSION UNIT 3C (KO-SN)</b> Suitable for the Kieninger & Obergfell Standard Narrow movement (44 x 93mm, KO-SN). You will have to drive out the bottom block pin and enlarge the hole when used with the Kundo 'Loose pin' pendulum, or replace the bottom block with a top block.	0679 000303	1+	£20.29
<b>400 DAY CLOCK SUSPENSION UNIT 5A</b>	0679 000501	1+	£20.29
<b>400 DAY CLOCK SUSPENSION UNIT 5B</b>	0679 000502	1+	£20.29
<b>400 DAY CLOCK SUSPENSION UNIT 5E (KO-MIN)</b> Suitable for the Kieninger & Obergfell Miniature movement (44 x 70mm with no cutout in the bottom of the backplate, KO-MIN) You will have to drive out the bottom block pin and enlarge the hole when used with a Kundo 'Loose pin' pendulum.	0679 000505	1+	£20.29
<b>400 DAY CLOCK SUSPENSION UNIT 5F (KO-MID)</b> Suitable for the Kieninger & Obergfell Midget movement (44 x 70mm with a cutout in the bottom of the backplate, KO-MID) You will have to drive out the bottom block pin and enlarge the hole when used with a Kundo 'Loose pin' pendulum.	0679 000506	1+	£20.29
<b>400 DAY CLOCK SUSPENSION UNIT 10A (JS-53)</b> Suitable for the Jahresuhrenfabrik A Schatz movement marked with 53 inside a circle. (44 x 64mm, Vest shape (JS-53V) and Legged type, JS-53L)	0679 001001	1+	£25.38
<b>400 DAY CLOCK SUSPENSION UNIT 10B (JS-54)</b> Suitable for the Jahresuhrenfabrik A Schatz movement marked with 54 inside a circle. (43 x 60mm, Curved legs (JS-54C) and straight legs, JS-54S).	0679 001002	1+	£25.38
<b>400 DAY CLOCK SUSPENSION UNIT 10C (JS-JM)</b> Suitable for the Schatz Miniature 44mm x 67mm vest shaped JUM/7 and Schatz BA Miniature Remontoire.	0679 001003	1+	£25.38
<b>400 DAY CLOCK SUSPENSION UNIT 11A (KS-SE)</b> Suitable for the Kern Standard Early 69mm x 93mm (KS-SE) movement. (No locking bracket screw holes at the bottom of the back plate.) Unsuitable for the later model with locking bracket holes at the bottom of the backplate.	0679 001101	1+	£20.29
<b>400 DAY CLOCK SUSPENSION UNIT 11B (KS-SL)</b> Suitable for the Kern Standard Late 69mm x 93mm KS-SL (with locking bracket screw holes) and the Kern Standard Narrow 44mm x 93mm KS-SN Unsuitable for the early Standard model with no locking bracket holes at the bottom of the backplate.	0679 001102	1+	£20.29
<b>400 DAY CLOCK SUSPENSION UNIT 12C (KS-ML)</b> Suitable for the Kern Miniature, lh. winder, eccentric, 44 x 60mm KS-MLE and Kern Miniature, lh. winder, bracket, 44 x 60mm LS-MLB In most situations. A small number of clocks appear to need a KS-MLT, depending on the case and bob used.	0679 001203	1+	£20.29
<b>400 DAY CLOCK SUSPENSION UNIT 12D (KS-MLB)</b> Suitable for the Kern Miniature, Remontoire, 44 x 60mm KS-REM and in some cases the Kern Miniature, lh. winder, bracket, 44 x 60mm KS-MLB when the case is restricted.	0679 001204	1+	£20.29
<b>400 DAY CLOCK SUSPENSION UNIT 12E</b> Correct for the Kern Midget 44 x 54mm, frequently marked K.u.S. Pl.	0679 001205	1+	£20.29
<b>400 DAY CLOCK SUSPENSION UNIT 12F</b> Correct for Kern Miniature 44 x 60mm with the winder on the right side of the the backplate, sometimes marked MIV.	0679 001206	1+	£20.29
<b>400 DAY CLOCK SUSPENSION UNIT 13B</b> Konrad Mauch (Koma) Standard early, 73 x 85mm Konrad Mauch (Koma) Standard late, 66 x 86mm	0679 001302	1+	£21.57
<b>400 DAY CLOCK SUSPENSION UNIT 13C</b>	0679 001303	1+	£21.57
<b>400 DAY CLOCK SUSPENSION UNIT 14A</b> KM-MINE Konrad Mauch (Koma) Miniature early, 42 x 77mm KM-MINL Konrad Mauch (Koma) Miniature late, 42 x 77mm KM-MINI Konrad Mauch (Koma) Miniature Int ratchet, 42 x 77mm Not if the weights are conical.	0679 001401	1+	£21.57
<b>400 DAY CLOCK SUSPENSION UNIT 14B</b> KM-MINE Konrad Mauch (Koma) Miniature early, 42 x 77mm Only with conical bob weights made of solid brass.	0679 001402	1+	£20.29
<b>400 DAY CLOCK SUSPENSION UNIT 16</b>	0679 001615	1+	£20.29
<b>400 DAY CLOCK SUSPENSION UNIT 18C</b> WP-STD Petersen Standard 67 x 89mm. To use a modern fork or unit, you must rotate the top block by 90 degrees	0679 001803	1+	£20.29
<b>400 DAY CLOCK SUSPENSION UNIT 20A</b>	0679 002001	1+	£20.29
<b>400 DAY CLOCK SUSPENSION UNIT 20B</b>	0679 002002	1+	£20.29
<b>400 DAY CLOCK SUSPENSION UNIT 23A</b> HR-ML10 Herr & Reiner Miniature late, 44 x 70mm ONLY when the top suspension guard screw hole is below the anchor pivot hole and under a 10" (250mm) dome.	0679 002301	1+	£20.29
<b>400 DAY CLOCK SUSPENSION UNIT 23B</b>	0679 002302	1+	£20.29
<b>400 DAY CLOCK SUSPENSION UNIT 25A</b> FH-STD Franz Hermle Standard, 69 x 93mm	0679 002501	1+	£20.29
<b>400 DAY CLOCK SUSPENSION UNIT 25B</b> FH-MIN Franz Hermle Miniature, 43 x 65mm	0679 002502	1+	£20.29
<b>400 DAY CLOCK SUSPENSION UNIT 27A</b> HR-STD Herr & Reiner Standard, 66 x 88mm	0679 002701	1+	£20.29
<b>400 DAY CLOCK SUSPENSION UNIT 27B</b> HR-SNR Herr & Reiner Standard Narrow, 44 x 93mm	0679 002702	1+	£20.29
<b>400 DAY CLOCK SUSPENSION UNIT 27C</b>	0679 002703	1+	£20.29
<b>400 DAY CLOCK SUSPENSION UNIT 28A</b>	0679 002801	1+	£20.29
<b>400 DAY CLOCK SUSPENSION UNIT 28B</b> HR-MINE Herr & Reiner Miniature early, 44 x 70mm	0679 002802	1+	£20.29




## 2. The Going Train

<b>400 DAY CLOCK SUSPENSION UNIT 28C</b> HR-ML8 Herr & Reiner Miniature late, 44 x 70mm ONLY when the top suspension guard screw hole is below the anchor pivot hole and under an 8" (200mm) dome.	<b>0679 002803</b>	1+	<b>£20.29</b>
<b>400 DAY CLOCK SUSPENSION UNIT 29A</b>	<b>0679 002901</b>	1+	<b>£20.29</b>
<b>400 DAY CLOCK SUSPENSION UNIT 29B</b> EH-MIN Edgar Henn Miniature late, 43 x 75mm	<b>0679 002902</b>	1+	<b>£20.29</b>
<b>400 DAY CLOCK SUSPENSION UNIT 31</b>	<b>0679 003115</b>	1+	<b>£20.29</b>
<b>400 DAY CLOCK SUSPENSION UNIT 32</b>	<b>0679 003215</b>	1+	<b>£20.29</b>
<b>400 DAY CLOCK SUSPENSION UNIT 33</b> SH-SNE Seigfried Haller Standard Narrow Early	<b>0679 003315</b>	1+	<b>£20.29</b>
<b>400 DAY CLOCK SUSPENSION UNIT 34</b> JK-SN Kaiser Standard narrow Globe Pendulum Correct for J. Kaiser 44 x 88mm Globe pendulum movements Unsuitable for the Petersen 67 x 89mm movement used by Kaiser.	<b>0679 003415</b>	1+	<b>£20.29</b>
<b>400 DAY CLOCK SUSPENSION UNIT 35</b> KM-MIDGE Konrad Mauch (Koma) Midget early, 42 x 54mm KM-MIDGL Konrad Mauch (Koma) Midget late, 42 x 54mm	<b>0679 003515</b>	1+	<b>£20.29</b>
<b>400 DAY CLOCK SUSPENSION UNIT 36B</b>	<b>0679 003602</b>	1+	<b>£20.29</b>
<b>400 DAY CLOCK SUSPENSION UNIT 38A</b>	<b>0679 003801</b>	1+	<b>£20.29</b>
<b>400 DAY CLOCK SUSPENSION UNIT 41B</b>	<b>0679 004102</b>	1+	<b>£20.29</b>
<b>400 DAY CLOCK SUSPENSION UNIT 42A</b> SH-SNL Seigfried Haller Standard Narrow Late	<b>0679 004201</b>	1+	<b>£20.29</b>
<b>400 DAY CLOCK SUSPENSION UNIT 43A</b> SH-MINL Siegfried Haller Miniature Late 44 x 60mm Suitable for the Haller Miniature movement that has a pivot adjuster in an arm on the front plate. Not suitable for the Midget of the same size.	<b>0679 004301</b>	1+	<b>£20.29</b>
<b>400 DAY CLOCK SUSPENSION UNIT 44A</b> SH-MIDGE Siegfried Haller Midget Early 44 x 60mm SH-MIDGL Siegfried Haller Midget Late 44 x 60mm	<b>0679 004401</b>	1+	<b>£20.29</b>
<b>400 DAY CLOCK SUSPENSION UNIT 45A</b> NC-SNR Nisshin Master Standard Narrow, Round corners 44 x 60mm	<b>0679 004501</b>	1+	<b>£20.29</b>
<b>400 DAY CLOCK SUSPENSION UNIT 47</b>	<b>0679 004715</b>	1+	<b>£20.29</b>
<b>400 DAY CLOCK SUSPENSION UNIT 48B</b>	<b>0679 004802</b>	1+	<b>£20.29</b>
<b>400 DAY CLOCK SUSPENSION UNIT 49B</b>	<b>0679 004902</b>	1+	<b>£20.29</b>
<b>400 DAY CLOCK SUSPENSION UNIT 50B</b>	<b>0679 005002</b>	1+	<b>£20.29</b>
<b>400 DAY CLOCK SUSPENSION UNIT 51B</b>	<b>0679 005102</b>	1+	<b>£20.29</b>
<b>400 DAY CLOCK SUSPENSION UNIT 52B</b>	<b>0679 005202</b>	1+	<b>£18.44</b>
<b>400 DAY CLOCK SUSPENSION UNIT 53B</b>	<b>0679 005302</b>	1+	<b>£20.29</b>
<b>400 DAY CLOCK SUSPENSION UNIT 54B</b>	<b>0679 005402</b>	1+	<b>£20.29</b>
<b>400 DAY CLOCK SUSPENSION UNIT 55</b>	<b>0679 005515</b>	1+	<b>£20.29</b>
<b>400 DAY CLOCK SUSPENSION UNIT 56</b>	<b>0679 005615</b>	1+	<b>£20.29</b>
<b>400 DAY CLOCK SUSPENSION UNIT 57</b>	<b>0679 005715</b>	1+	<b>£20.29</b>
<b>400 DAY CLOCK SUSPENSION UNIT 58</b>	<b>0679 005815</b>	1+	<b>£20.29</b>
<b>400 DAY CLOCK SUSPENSION UNIT 59</b>	<b>0679 005915</b>	1+	<b>£20.29</b>
<b>400 DAY CLOCK SUSPENSION UNIT 60B</b>	<b>0679 006002</b>	1+	<b>£20.29</b>
<b>400 DAY CLOCK SUSPENSION UNIT 61B</b>	<b>0679 006102</b>	1+	<b>£20.29</b>
<b>400 DAY CLOCK SUSPENSION UNIT 63B</b>	<b>0679 006302</b>	1+	<b>£18.44</b>
<b>400 DAY CLOCK SUSPENSION UNIT 67B</b>	<b>0679 006702</b>	1+	<b>£20.29</b>
<b>400 DAY CLOCK SUSPENSION UNIT 68B</b>	<b>0679 006802</b>	1+	<b>£20.29</b>
<b>400 DAY CLOCK SUSPENSION UNIT 6789</b>	<b>0679 678915</b>	1+	<b>£25.38</b>

### 400 DAY QUARTZ CLOCK SUSPENSION UNITS

Text refers to backplate movement number and year of manufacture only. Illustration shows style only; not to scale.

Price per unit in £ on 19/10/2018

	<b>400 DAY QUARTZ CLOCK SUSPENSION UNIT 967</b> , For Hermle movement no.: 967. Made in 1977.	<b>1481 229015</b>	1+	<b>£12.84</b>
	<b>400 DAY QUARTZ CLOCK SUSPENSION UNIT 977</b> , For Hermle movement no.: 977. Made in 1981.	<b>1481 237015</b>	1+	<b>£13.09</b>
	<b>400 DAY QUARTZ CLOCK SUSPENSION UNIT 987</b> , For Hermle skeleton clock movement no.: 987. Made in 1983.	<b>1481 250015</b>	1+	<b>£12.84</b>
	<b>400 DAY QUARTZ CLOCK SUSPENSION UNIT 977726</b> , For Hermle movement no.: 977726. Made in 1985.	<b>1481 270015</b>	1+	<b>£12.84</b>
	<b>400 DAY QUARTZ CLOCK SUSPENSION UNIT 2300-005</b> , For Hermle movement no.: 2300-005. Made in 1989.	<b>1481 282415</b>	1+	<b>£12.84</b>
	<b>400 DAY QUARTZ CLOCK SUSPENSION UNIT 2300-003</b> , For Hermle movement no.: 2300-003. Made in 1989.	<b>1481 283315</b>	1+	<b>£12.84</b>
	<b>400 DAY QUARTZ CLOCK SUSPENSION UNIT 2300-003</b> , For Hermle movement no.: 2300-003. Made in 1989.	<b>1481 283415</b>	1+	<b>£12.84</b>
	<b>400 DAY QUARTZ CLOCK SUSPENSION UNIT 2300-007</b> , For Hermle movement no.: 2300-007. Made in 1991.	<b>1481 282315</b>	1+	<b>£12.84</b>

### BALL AND CORD FOR HOROLOVAR FLYING PENDULUM CLOCK

Price per unit in £ on 19/10/2018

	<b>REPLACEMENT BALL AND CORD FOR JEROME IGNATZ BALL CLOCK</b> For Horolovar reproduction of the Ignatz flying pendulum clock. With extra-length cord 165mm approx and instructions.	<b>1315 000115</b>	1+	<b>£11.75</b>
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## 2. The Going Train

### WOODEN PENDULUM RODS & BOBS

All parts sold individually. Select a suitable bob, then select its appropriate rod. Each rod needs a pack of fittings.



			Price per unit in £ on 19/10/2018	
1	<b>BRASS FACED PENDULUM BOB 80mm</b> Requires type A wooden rod.	0408 108015	1+	£26.35
2	<b>BRASS FACED PENDULUM BOB 115mm</b> Requires type A wooden rod.	0408 111515	1+	N/A
3	<b>BRASS FACED PENDULUM BOB 140mm</b> Requires type A wooden rod.	0408 114015	1+	N/A
4	<b>BRASS FACED PENDULUM BOB 165mm</b> Requires type B wooden rod.	0408 116515	1+	£35.75
5	<b>WOODEN PENDULUM ROD TYPE A: 900mm LONG</b> Suitable for 80, 100 & 115mm bobs. 19 x 6mm oval. Each rod requires a set of brass & steel fittings sold separately. 900mm long - Total dimensions exceed the Royal Mail maximum length.	0408 075015	1+	£22.95
6	<b>WOODEN PENDULUM ROD TYPE B: 900mm LONG</b> Suitable for 140 & 165mm bobs. 25 x 7mm oval. Each rod requires a set of brass & steel fittings sold separately. 900mm long - Total dimensions exceed the Royal Mail maximum length.	0408 095015	1+	£18.00
7	<b>FITTINGS - PENDULUM RODS A &amp; B</b>	0408 000315	1+	£21.95

### LONGCASE PENDULUMS

			Price per unit in £ on 19/10/2018	
	<b>LONGCASE PENDULUM MILD STEEL 32 inch</b> Mild steel rod 32". 3.12mm (1/8") diameter. 1/8" whitworth thread at both ends. Please note: Due to difficulties packing and posting this item within Royal Mail's restrictions, this item is now sent via carrier. This will be reflected in the postage fee.	0272 000115	1+	£3.03
			5+	£2.58
			Pack of 10	£2.73
			Pack of 30	£2.58
	<b>LONGCASE PENDULUM INVAR</b> Invar rod 33". 3.12mm (1/8") diameter. 1/8" whitworth thread at both ends. Please note: Due to difficulties packing and posting this item within Royal Mail's restrictions, this item is now sent via carrier. This will be reflected in the postage fee.	0272 000215	1+	£11.27
			3+	£9.02
	<b>LONGCASE PENDULUM MILD STEEL 33inch</b> Mild steel rod 33". 3.12mm (1/8") diameter. 1/8" whitworth thread at both ends. Please note: Due to difficulties packing and posting this item within Royal Mail's restrictions, this item is now sent via carrier. This will be reflected in the postage fee.	0272 000315	1+	£3.03
			5+	£2.58
			Pack of 10	£2.73
			Pack of 30	£2.58
	<b>INVAR ROD</b> Invar steel pendulum rods for regulators. Diameter : 6mm. Length : 1270mm. Unthreaded. Please note: This item exceeds the maximum acceptable length for overseas postage and is therefore more expensive to send. This will be reflected in the international postage fee.	0991 000615	1+	£29.50
			2+	£26.55

### FLAT AND NUT FOR LONGCASE

			Price per unit in £ on 19/10/2018	
	<b>FLAT AND NUT FOR LONGCASE</b> 1/8" whitworth hole in the top. This screws to the lower end of the pendulum rod. The bob slides up and down this part, according to the position of the regulating nut.	0273 000115	1+	£6.25
			3+	£5.62
			Pack of 10	£5.31

### LONGCASE BOBS

			Price per unit in £ on 19/10/2018	
	<b>LEAD BOB FOR LONGCASE</b> Diameter: 120mm.	0274 000115	1+	£23.65
	<b>BRASS FACED LEAD BOB FOR LONGCASE</b> Diameter: 100 mm.	0515 000115	1+	£39.49

### BLACK FOREST PENDULUMS

1		2		3			Call Harvey for Postage free delivery* * Conditions apply	Call HARVEY on 0800 328 9435	M & P Key Suppliers to Clockmakers
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			Price per unit in £ on 19/10/2018	
1	<b>BLACK FOREST PENDULUM BOB 55mm</b> Brass covered wooden bob.	0447 005515	1+	£16.18
2	<b>BLACK FOREST PENDULUM BOB 70mm</b> Brass covered wooden bob.	0447 007015	1+	£16.50
3	<b>BLACK FOREST PENDULUM ROD 950mm</b> Black steel. Bob not included. Please note: Due to difficulties packing and posting this item within Royal Mail's restrictions, this item is now sent via carrier. This will be reflected in the postage fee.	0447 000115	1+	£4.08
			2+	£3.67
			Pack of 10	£3.26
			Pack of 50	£2.86

### CUCKOO CLOCK PENDULUMS

Carved wooden bob. Stained brown, with hook. Carving may vary.

			Price per unit in £ on 19/10/2018	
	<b>CUCKOO CLOCK PENDULUM, SMALL</b> 170mm long, 70mm wide. Total weight 15g.	0563 006515	1+	£7.04
	<b>CUCKOO CLOCK PENDULUM, MEDIUM</b> 190mm long, 60mm wide. Total weight 15g.	0563 007015	1+	£7.65
	<b>CUCKOO CLOCK PENDULUM, LARGE</b> 210mm long, 75mm wide. Total weight 30g.	0563 008015	1+	£8.26

## 2. The Going Train

### FRENCH CLOCK PENDULUMS

As a guide, small French timepieces used pendulum No. 0, standard striking models took No. 1 and movements with larger than average diameter plates took No. 2. Many French clocks have a number on the bottom of the backplate, indicating the pendulum length e.g. 4.2. Multiply the first number by 27.07. Multiply the second number by 2.256. Add them together and you will have the pendulum length in mm. Don't use the serial number by mistake!

### FRENCH CLOCK PENDULUMS

Top of rod on standard rods is unthreaded, as this may need to be shortened.



Price per unit in £ on 19/10/2018

<b>1</b>	<b>CHERUB CAST PENDULUM</b> Width: 95mm. Height: 340mm. Weight: 225g.	<b>1126 000115</b>	1+	<b>£28.34</b>
<b>2</b>	<b>EMPIRE PORTICO PENDULUM 160g</b> Hook not included.	<b>1125 000115</b>	1+	<b>£23.68</b>
<b>3</b>	<b>FRENCH CLOCK PENDULUM SIZE 0.</b> Standard pendulum with turned brass bob and central rating nut. Hook not included. 1 1/4" diameter. 1 3/4 oz.	<b>0292 000015</b>	1+	<b>£6.48</b>
			2+	<b>£5.83</b>
			Pack of 10	<b>£5.51</b>
			Pack of 30	<b>£5.18</b>
<b>4</b>	<b>FRENCH CLOCK PENDULUM SIZE 1.</b> Standard pendulum with turned brass bob and central rating nut. Hook not included. 1 3/8" diameter. 2 oz.	<b>0292 000115</b>	1+	<b>£6.54</b>
			2+	<b>£5.89</b>
			Pack of 10	<b>£5.56</b>
			Pack of 30	<b>£5.23</b>
<b>5</b>	<b>FRENCH CLOCK PENDULUM SIZE 2.</b> Standard pendulum with turned brass bob and central rating nut. Hook not included. 1 1/2" diameter. 2 1/2 oz.	<b>0292 000215</b>	1+	<b>£6.65</b>
			2+	<b>£5.98</b>
			Pack of 10	<b>£5.65</b>
			Pack of 30	<b>£5.32</b>
<b>6</b>	<b>FRENCH CLOCK SILK PENDULUM</b> Pendulum for silk suspension clock with wire hook. Brass bob 26mm x 4mm. Wire 200mm. Brass block 4mm x 4mm x 9mm. Wire is 1mm thick steel.	<b>0293 000115</b>	1+	<b>£5.09</b>
			2+	<b>£4.58</b>
			Pack of 10	<b>£4.07</b>
			Pack of 30	<b>£3.82</b>
<b>7</b>	<b>FRENCH CLOCK PENDULUM HOOK</b> Hook for No's 0-2 & Sunburst. A pilot hole which may need to be enlarged to suit the pendulum. If this is not practical, the diameter of the rod may need to be reduced.	<b>0294 000115</b>	1+	<b>£1.48</b>
			2+	<b>£1.41</b>
			Pack of 10	<b>£1.38</b>
			Pack of 30	<b>£1.33</b>
<b>8</b>	<b>BRONZE SUNBURST FOR FRENCH CLOCK, LARGE</b> Hook not included. If a standard hook is used, you will need to reduce the diameter of the rod to enter the hook. 110mm Diameter. 21" Rod.	<b>0292 115015</b>	1+	<b>N/A</b>
<b>9</b>	<b>BRONZE SUNBURST FOR FRENCH CLOCK, SMALL</b> If a standard hook is used, you will need to reduce the diameter of the rod to enter the hook. 60mm diameter, 9" rod.	<b>0292 650015</b>	1+	<b>N/A</b>

### AMERICAN PENDULUM BOBS



Price per unit in £ on 19/10/2018

<b>1</b>	<b>AMERICAN PENDULUM BOB NO. 1</b> Diameter: 1 3/4". 2 1/2 oz. Adjustable, complete with wire & rating nut.	<b>0231 021215</b>	1+	<b>£6.89</b>
<b>2</b>	<b>AMERICAN PENDULUM BOB NO. 2</b> Diameter: 1 1/4". 1 1/2 oz. Unadjustable.	<b>0232 011415</b>	1+	<b>£6.24</b>
<b>3</b>	<b>AMERICAN PENDULUM BOB NO. 3</b> Diameter: 1 1/2". 2 oz. Adjustable, complete with wire & rating nut. The standard 30 hour bob.	<b>0230 020015</b>	1+	<b>£7.58</b>
<b>4</b>	<b>AMERICAN PENDULUM BOB NO. 4</b> Diameter: 2". 3 oz. Adjustable, complete with wire & rating nut. The standard 8 day bob.	<b>0233 030015</b>	1+	<b>£6.55</b>
			2+	<b>£5.89</b>
<b>5</b>	<b>FANCY AMERICAN PENDULUM A</b> For kitchen clocks etc. Complete with original style rod. 155mm.	<b>0516 000115</b>	1+	<b>£12.95</b>
<b>6</b>	<b>FANCY AMERICAN PENDULUM B</b> For kitchen clocks etc. Complete with original style rod. 155mm.	<b>0516 000215</b>	1+	<b>£12.95</b>

### AMERICAN BOB WIRES

Complete with rating nut. Length is overall length.

Price per unit in £ on 19/10/2018








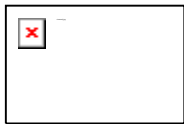




	<b>AMERICAN BOB WIRE 2 3/4"</b>	<b>0589 023415</b>	1+	<b>£1.59</b>
			2+	<b>£1.43</b>
	<b>AMERICAN BOB WIRE 3 1/8"</b>	<b>0589 031815</b>	1+	<b>£1.59</b>
			2+	<b>£1.43</b>
	<b>AMERICAN BOB WIRE 4"</b>	<b>0589 040015</b>	1+	<b>£1.59</b>
			2+	<b>£1.43</b>

### CAST BRASS BOB & ROD ZAANDAM CLOCK

Price per unit in £ on 19/10/2018

	<b>CAST BRASS BOB &amp; ROD ZAANDAM CLOCK</b> Cast brass pendulum for Zaandam clocks, featuring a horse and rider. Bob is secured to the rod by a coiled friction spring. Brass rating nut. 40mm wide. 35mm high. Rod 215mm including integral hook. 33g.	<b>1035 000115</b>	1+	<b>£21.93</b>
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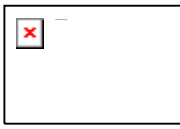
## 2. The Going Train

AMERICAN BARREL PENDULUMS		Price per unit in £ on 19/10/2018	
	AMERICAN BARREL PENDULUM Single Barrel. Overall length 6 1/2".	0517 000015	1+ £19.50
	AMERICAN BARREL PENDULUM Double Barrel. Overall length 7 1/2".	0517 000115	1+ £28.55
NAPOLEON PENDULUMS		Price per unit in £ on 19/10/2018	
	NAPOLEON PENDULUM BLANK TYPE Brass faced. 100g. 45mm diameter.	0562 000115	1+ £12.26
	NAPOLEON PENDULUM SLOTTED TYPE For 'Enfield' and similar models. Slotted head type that hangs on a cross pin. 1 7/16" diameter, 2 3/4" long. 60g.	0562 000215	1+ £31.45
FUSEE PENDULUMS		Price per unit in £ on 19/10/2018	
All parts are sold separately. Suspension not included. For use with suspension part no. 0319 000115			
			
1	2	3	4
			
		Call Harvey for Postage free delivery* * Conditions apply	Call <b>HARVEY</b> on <b>0800 328 9435</b>
1 FUSEE PENDULUM BOB Lead pendulum bob, brass faced on both sides. 15mm thick, 75mm diameter, for fusee & bracket clocks. A slot is cast in position through the lead pendulum, to fit standard fusee pendulum rod of 6mm x 3mm. Bob features dove tail design and is supplied with bob tail nut.		0316 000115	1+ £33.45
2 FUSEE PENDULUM ROD 7 1/2" The rod can be shortened if necessary. Length given is the total length.		0316 173415	1+ £15.68
3 FUSEE PENDULUM ROD 9 1/2" The rod can be shortened if necessary. Length given is the total length.		0316 191215	1+ £15.68
4 FUSEE PENDULUM ROD 10 1/2" The rod can be shortened if necessary. Length given is the total length.		0316 101115	1+ £16.43
GRID-IRON PENDULUMS		Price per unit in £ on 19/10/2018	
Brass with imitation enamel 'RA' bobs.			
	GRID-IRON PENDULUM 142mm 2 steel grids. 63mm bob.	0779 014215	1+ £37.95
	GRID-IRON PENDULUM 180mm 2 steel grids. 63mm bob.	0779 018015	1+ £36.99
	GRID-IRON PENDULUM 236mm 2 steel grids. 63mm bob.	0779 023615	1+ £43.97
	GRID-IRON PENDULUM 305mm 4 steel grids. 80mm bob.	0779 030515	1+ £29.45
	GRID-IRON PENDULUM 370mm 4 steel grids. 80mm bob.	0779 037015	1+ £69.90
BRASS RATING NUTS		Price per unit in £ on 19/10/2018	
	BRASS RATING NUTS 1/2" square brass. Pilot hole provided for tapping with the appropriate thread. Packs of 3.	0721 001215	1+ £3.50
MORBIER BRASS BOBS & RODS		Price per unit in £ on 19/10/2018	
Brass pendulum bobs. Supplied with foldable rods.			
	MORBIER BRASS BOB 130mm With rod. Unpolished. 180g.	1116 013015	1+ £27.77
	MORBIER BRASS BOB 155mm With rod. Unpolished. 230g.	1116 015515	1+ £28.59
	MORBIER BRASS BOB 140mm With rod. Unpolished.	1116 014015	1+ N/A
	MORBIER BRASS BOB 165mm With rod. Unpolished.	1116 016515	1+ N/A
ROI SOLEIL 'SUNBURST' PENDULUM BOB & ROD		Price per unit in £ on 19/10/2018	
Brass pendulum bobs. Supplied with foldable rod.			
	SUNBURST PENDULUM 125mm BOB & ROD Polished. 190g.	1117 012515	1+ £35.36
	SUNBURST PENDULUM 155mm BOB & ROD Polished. 240g.	1117 015515	1+ £36.72







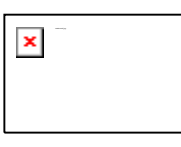
## 2. The Going Train

### MOREZ LEAD PENDULUM AND ROD

			<b>M &amp; P</b> Key Suppliers to Clockmakers		Buy Online @ <a href="http://www.m-p.co.uk">www.m-p.co.uk</a>	Call Harvey 24 Hours
Price per unit in £ on 19/10/2018						
1 MOREZ LEAD PENDULUM AND ROD 240g Antique finish (i.e. rod is rusty).				1123 024015	1+	£40.89
2 MORBIER LEAD PENDULUM 190g Hand made. Antique finish (i.e. rod is rusty).				1123 215015	1+	£40.89
3 MORBIER LEAD PENDULUM 220g Hand made. Antique finish (i.e. rod is rusty).				1123 221515	1+	£40.89








### LYRE PENDULUMS

Antique finish. Unpolished bob.

				Call Harvey our Automated Sales line		Call Harvey for Same day dispatch*  * Conditions apply
Price per unit in £ on 19/10/2018						
1 7 STRAIGHT RODS LYRE PENDULUM 240mm BOB 97cm total length / 750g. Measures 5" wide at widest point.				1111 240115	1+	£100.11
					2+	£90.10
2 7 TWISTED RODS LYRE PENDULUM 240mm BOB 750g. 97cm.				1111 240218	1+	£100.11
					2+	£90.10
3 9 STRAIGHT RODS LYRE PENDULUM 270mm BOB 1000g. 105cm.				1112 270115	1+	£106.80
					2+	£96.12
4 9 TWISTED RODS LYRE PENDULUM 270mm BOB 1000g. 105cm.				1112 270218	1+	£101.94
					2+	£91.75








### MORBIER EMBOSSED PENDULUMS

Pressed (repousse) Morbier pendulums. Beautifully stamped items. Antique finish comes as standard, ready to be fitted to the clock. Colour hand painted versions available too. Total length 105cm. Weight approx 750g.

						
Price per unit in £ on 19/10/2018						
1 MORBIER EMBOSSED PENDULUM, BOUQUET 1				1110 719115	1+	£127.01
					2+	£114.31
2 MORBIER EMBOSSED PENDULUM, FLOWERS & CORN				1110 706115	1+	£142.48
					2+	£128.23
3 MORBIER EMBOSSED PENDULUM, BOUQUET 2				1110 811215	1+	£154.21
					2+	£138.79
4 MORBIER EMBOSSED PENDULUM, THE FARM				1110 714115	1+	£154.21
					2+	£138.79
5 MORBIER EMBOSSED PENDULUM, GRAPE HARVEST				1110 813115	1+	£164.80
					2+	£148.32
6 MORBIER EMBOSSED PENDULUM, THE LOVERS				1110 705115	1+	£162.60
					2+	£146.34
7 MORBIER EMBOSSED PENDULUM, SUNBURST				1110 713115	1+	£127.01
					2+	£114.31


### AUTOMATED MORBIER PENDULUMS

Similar to our range of pressed Morbier pendulums. When the pendulum swings, the character or scene on the bob moves.

						
Price per unit in £ on 19/10/2018						
1 AUTOMATED PENDULUM, ARTIST				1145 000115	1+	£208.22
2 AUTOMATED PENDULUM, DANCER				1145 000415	1+	£208.22
3 AUTOMATED PENDULUM, HORSE VEHICLE				1145 000715	1+	£208.22
4 AUTOMATED PENDULUM, HUNTER				1145 000815	1+	£208.22
5 AUTOMATED PENDULUM, DRINKER				1145 001615	1+	£230.28
6 AUTOMATED PENDULUM, HARVESTER				1145 001815	1+	£230.28
7 AUTOMATED PENDULUM, VINTAGE				1145 001915	1+	£230.28

### MERCURY PENDULUMS

We also stock a range of empty glass tubes for these pendulums.


	MERCURY PENDULUM Brass and steel with glass tubes and polished steel inserts to simulate mercury. Overall length, 175mm, and is fitted with a hook Bob size 50mm wide x 60mm tall. Replacement glass tubes: 0710 000815 / Replacement mock mercury insert: 1309 073815	0710 022515	1+	£62.50
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## 2. The Going Train

### MERCURY PENDULUM TUBES

Empty glass tubes. Intended for modern pendulums. A cap or stopper MUST be fitted to secure end before use.


Price per unit in £ on 19/10/2018

	GLASS TUBE - MERCURY, EMPTY 8 x 41mm Inner diameter: 4.9mm. Inner length: 38mm. Heat sealed bottom.	0710 084015	1+	£8.25
	GLASS TUBE - MERCURY, EMPTY 10 x 31mm Inner diameter: 6.8mm. Inner length: 28mm. Heat sealed bottom.	0710 103015	1+	£8.25
	GLASS TUBE - MERCURY, EMPTY 10 x 42mm Inner diameter: 6.9mm. Inner length: 40mm. Heat sealed bottom.	0710 104215	1+	£8.25
	GLASS TUBE - MERCURY, EMPTY 10 x 47mm Inner diameter: 6.9mm. Inner length: 45mm. Heat sealed bottom.	0710 104715	1+	£8.25
	GLASS TUBE - MERCURY, EMPTY 10 x 52mm Inner diameter: 6.9mm. Inner length: 50mm. Heat sealed bottom.	0710 105215	1+	£8.25
	GLASS TUBE - MERCURY, EMPTY 10 x 56mm Inner diameter: 6.9mm. Inner length: 53.6mm. Heat sealed bottom.	0710 105615	1+	£8.25
	GLASS TUBE - MERCURY, EMPTY 10 x 60mm Inner diameter: 6.9mm. Inner length: 59mm. Heat sealed bottom.	0710 106015	1+	£8.25
	GLASS TUBE - MERCURY, EMPTY 11 X 55mm Inner diameter: 7.8mm. Inner length: 53mm. Heat sealed bottom.	0710 000215	1+	£7.65
	GLASS TUBE - MERCURY, EMPTY 11 x 66mm Inner diameter: 6.4mm. Inner length: 63mm. Heat sealed bottom.	0710 116615	1+	£8.25
	GLASS TUBE - MERCURY, EMPTY 11 x 75mm Inner diameter: 6.4mm. Inner length: 73mm. Heat sealed bottom. Includes shaped cork stopper.	0710 000615	1+	£7.65
	GLASS TUBE - MERCURY, EMPTY 12 x 53mm Inner diameter: 8.9mm. Inner length: 51mm. Heat sealed bottom. Includes shaped cork stopper.	0710 125315	1+	£8.25
	GLASS TUBE - MERCURY, EMPTY 12 x 60mm Inner diameter: 8.7mm. Inner length: 58mm. Heat sealed bottom.	0710 126015	1+	£8.25
	GLASS TUBE - MERCURY, EMPTY 12 x 73mm Inner diameter: 9.8mm. Inner length: 71mm. Heat sealed bottom.	0710 127315	1+	£8.25
	GLASS TUBE - MERCURY, EMPTY 13 x 53mm Inner diameter: 9.7mm. Inner length: 51mm. Heat sealed bottom.	0710 135315	1+	£8.25
	GLASS TUBE - MERCURY, EMPTY 13 x 60mm Inner diameter: 9.7mm. Inner length: 57mm. Heat sealed bottom.	0710 136015	1+	£8.25
	GLASS TUBE - MERCURY, EMPTY 13 x 65mm Inner diameter: 9.9mm. Inner length: 63mm. Heat sealed bottom.	0710 136515	1+	£8.25
	GLASS TUBE - MERCURY, EMPTY 13 x 68mm Inner diameter: 9.7mm. Inner length: 66mm. Heat sealed bottom.	0710 136815	1+	£8.25
	GLASS TUBE - MERCURY, EMPTY 13 x 72mm Inner diameter: 9.9mm. Inner length: 70mm. Heat sealed bottom.	0710 137215	1+	£8.25
	GLASS TUBE - MERCURY, EMPTY 14 x 55mm Inner diameter: 10.8mm. Inner length: 53mm. Heat sealed bottom.	0710 145515	1+	£8.25
	GLASS TUBE - MERCURY, EMPTY 14 x 60mm Inner diameter: 10.6mm. Inner length: 58mm. Heat sealed bottom.	0710 146015	1+	£8.25
	GLASS TUBE - MERCURY, EMPTY 14 x 77mm Inner diameter: 10.5mm. Inner length: 75mm. Heat sealed bottom.	0710 147715	1+	£8.25
	GLASS TUBE - MERCURY, EMPTY 17 x 60mm Inner diameter: 13mm. Inner length: 58mm. Heat sealed bottom.	0710 176015	1+	£8.25
	GLASS TUBE - MERCURY, EMPTY 20 x 75mm Inner diameter: 16mm. Inner length: 72mm. Heat sealed bottom.	0710 207515	1+	£8.25
	OPEN-ENDED GLASS TUBE - EMPTY 10mm (8mm Internal) x 55mm Suitable for use with silvered pendulum inserts, part nos. 1309 073315 / 1309 073815.	0710 000815	1+	£8.25

### SILVERED HOLLOW INSERT FOR MOCK 'MERCURY' PENDULUMS

A sympathetic alternative if the use of mercury proves impractical.

Price per unit in £ on 19/10/2018

	SILVERED PENDULUM INSERT, 5 x 28mm	1309 052815	1+	£6.57
	SILVERED PENDULUM INSERT, 5 x 30mm	1309 073815	1+	£6.85

### PENDULUM BOB, WITH R & A

Price per unit in £ on 19/10/2018

	PENDULUM BOB, BRASS WITH R & A 80mm	1179 008015	1+	£17.95
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### ATMOS CLOCK PARTS

Price per unit in £ on 19/10/2018


	SUSPENSION UNIT FOR ATMOS CLOCK	1076 000115	1+	£26.45
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## 2. The Going Train

### BACK COCKS

Well constructed longcase back cocks. Brass. Suspension slot cut, with curved suspension seat. Not castings, but made from solid brass.

Price per unit in £ on 19/10/2018

	<b>LONGCASE BACK COCK, TWIN ARM.</b> For later clocks. Arm 44mm. Pivot hole 15mm from plate face. Blank so that holes can be created to suit.	<b>1458 000215</b>	1+	<b>£27.49</b>
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### PLATFORM ESCAPEMENTS

Very high quality Swiss escapements. Fitted with 8 leaf escapements. Fully jewelled. See Catalogue Appendix for more information.

1		2		3		4		5			<b>Call Harvey for Postage free delivery* * Conditions apply</b>
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Price per unit in £ on 19/10/2018

<b>1 PLATFORM ESCAPEMENT TYPE C 25 x 36mm</b> Usable pinion depth below platform between 1-7mm The pinion pivot is located centrally, 9mm from front edge. Module 0.250	<b>0307 253615</b>	1+	<b>£97.28</b>
<b>2 PLATFORM ESCAPEMENT TYPE D 24 x 44mm</b> Usable pinion depth below platform between 1-5mm The pinion pivot is located centrally, 12mm from front edge. Module 0.250	<b>0307 244415</b>	1+	<b>£97.28</b>
<b>3 PLATFORM ESCAPEMENT TYPE E 30 x 41mm</b> Usable pinion depth below platform between 1-7mm The pinion pivot is located centrally, 10mm from front edge. Module 0.250	<b>0307 304115</b>	1+	<b>£97.28</b>
<b>4 PLATFORM ESCAPEMENT TYPE F 23 x 36mm</b> Usable pinion depth below platform between 1-7mm The pinion pivot is located centrally, 9mm from front edge. Module 0.250	<b>0307 233615</b>	1+	<b>£97.28</b>
<b>5 PLATFORM ESCAPEMENT TYPE H 34 x 45.3mm</b> Usable pinion depth below platform between 1-7mm The pinion pivot is located centrally, 10.0mm from front edge. Module 0.250	<b>0307 344515</b>	1+	<b>N/A</b>

### PLATFORM ESCAPE WHEELS

These only fit new platforms, supplied by us. They will not fit any older units.


Price per unit in £ on 19/10/2018

	<b>PLATFORM ESCAPE WHEEL 6 LEAF. TYPE C-H</b> Module 0.285. External diameter 2.100mm. Pitch diameter 1.710mm.	<b>0307 200615</b>	1+	<b>£37.75</b>
	<b>PLATFORM ESCAPE WHEEL 7 LEAF. TYPE C-H</b> Module 0.280. External diameter 2.330mm. Pitch diameter 1.960mm.	<b>0307 200715</b>	1+	<b>£34.13</b>
	<b>PLATFORM ESCAPE WHEEL 8 LEAF. TYPE C-H</b> Module 0.250. External diameter 2.325mm. Pitch diameter 2.000mm.	<b>0307 200815</b>	1+	<b>£35.85</b>
	<b>PLATFORM ESCAPE WHEEL 9 LEAF. TYPE C-H</b> Module 0.250. External diameter 2.585mm. Pitch diameter 2.250mm.	<b>0307 200915</b>	1+	<b>£34.13</b>

### PLATFORM BALANCES

These will only fit new platforms, supplied by us.


Price per unit in £ on 19/10/2018

	<b>PLATFORM BALANCE COMPLETE - TYPE C-H</b>	<b>0307 200215</b>	1+	<b>£38.05</b>
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### PLATFORM LEVERS

These will only fit new platforms supplied by us.


Price per unit in £ on 19/10/2018

	<b>PLATFORM LEVER FOR TYPE C-H</b>	<b>0307 200115</b>	1+	<b>£35.67</b>
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### PLATFORM RETAINING WASHERS


Domed washers

Price per unit in £ on 19/10/2018

	<b>DOMED RETAINING WASHERS</b> Platform location is critical. These facilitate final adjustments. Blue steel. 36pcs.	<b>0609 003615</b>	1+	<b>£5.58</b>
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### PLATFORM FIXING SCREWS

Price per unit in £ on 19/10/2018

	<b>PLATFORM FIXING SCREW SET</b> A compartmented box containing 50 assorted blued steel screws specially made for fixing platform escapements. Includes a small quantity of retaining washers . 10 of each of 1.0mm, 1.20mm, 1.40mm, 1.60mm and 1.80mm.	<b>0535 005015</b>	1+	<b>£17.12</b>
	<b>PLATFORM FIXING SCREWS 1.00mm</b> Pack of 10.	<b>0535 001015</b>	1+	<b>£6.99</b>
	<b>PLATFORM FIXING SCREWS 1.20mm</b> Pack of 10.	<b>0535 001215</b>	1+	<b>£6.99</b>
	<b>PLATFORM FIXING SCREWS 1.40mm</b> Pack of 10.	<b>0535 001415</b>	1+	<b>£6.99</b>
	<b>PLATFORM FIXING SCREWS 1.60mm</b> Pack of 10.	<b>0535 001615</b>	1+	<b>£6.99</b>
	<b>PLATFORM FIXING SCREWS 1.80mm</b> Pack of 10.	<b>0535 001815</b>	1+	<b>£6.99</b>

## HINTS ON SELECTING 400 DAY CLOCK SUSPENSIONS

400 Day or Anniversary clocks have been made in large numbers by numerous factories in Europe. Selecting a replacement suspension wire or unit is only successful if the actual model of movement is correctly identified. Trying to order a part for these is like asking a garage for a part for a Ford. Even if you quote the model and the year of manufacture, you may still need the engine number to get the correct piece. Sadly there are no records for all the 400 day clock makes and models in existence.

Due to the variations in the characteristics of spring steel and the fact that many older suspensions were made from bronze, it is impossible to supply a replacement wire simply by measuring the old one. Only a laboratory can establish the spring characteristics of the material. It is vital that the correct wire be fitted if a lot of wasted time is to be avoided.

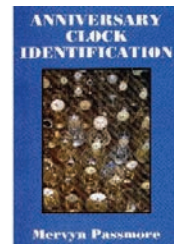
The name on the dial is often quite irrelevant. You can still purchase a 400 day clock today with 'Harrods' on the dial, but 'Made in West Germany' on the back-plate.

The three main ways to identify a clock are:

Mervyn Passmore's **Anniversary Clock Identification** provides a mass of information and help on identification of these clocks, with hundreds of photos of clocks and backplates for almost every model made during the last 100 years, with details of their suspensions etc. Soft cover, wire bound.

ISBN 0-907109-01-2

Part number **0412 021226**

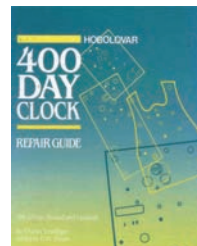


**www.anniversaryclockidentification.com** has a free interactive clock identification system with photos of the main distinguishing features for each model, with details of the wire thicknesses etc. Using the width and height of the backplate, and any makers names or logos, follow the interactive program.



The **Horolovar 400 Day Repair Guide** has hundreds of line drawings of clock backplates and suspension units, plus chapters on repairs and adjustments. 237 pages. Hard cover.

Part number **0412 000126**



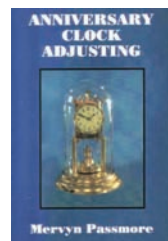
### ANNIVERSARY CLOCK ADJUSTING

By Mervyn Passmore

This explains in simple layman's language how to set up, adjust and regulate these clocks. Soft cover, wire bound.

ISBN 0-907109-01-2

Part number **0412 016226**



You could also visit **www.anniversaryclocks.org**