


# 15. Gramophone Parts

## Gramophone needles. Diaphragms. Gramophone and phonograph springs.

### GRAMOPHONE NEEDLES

Good quality steel needles, in bags of 100. Needles get louder if you use them more than once. It is not recommended to use the needles more than once. Multi-use needles are no longer available.

Price per unit in £ on 04/12/2017

	<b>GRAMOPHONE NEEDLES, MEDIUM</b> 1.6mm diameter tapering to a point. Length 15mm.	<b>1027 000315</b>	1+	£4.38
			2+	£3.94

### ROUND PRESSED ALUMINIUM DIAPHRAGMS




			Price per unit in £ on 04/12/2017	
1	<b>ALUMINIUM DIAPHRAGM</b> ; 51mm diameter, single 1mm centre hole.	<b>1029 005115</b>	1+	£4.51
			2+	£4.06
2	<b>ALUMINIUM DIAPHRAGM</b> ; 55mm diameter, single 1mm centre hole.	<b>1029 005515</b>	1+	£4.51
			2+	£4.06
3	<b>ALUMINIUM DIAPHRAGM</b> ; 60mm diameter, single 1mm centre hole. Four evenly spaced 1mm holes inset 2mm from outer edge.	<b>1029 006015</b>	1+	£4.51
			2+	£4.06
4	<b>ALUMINIUM DIAPHRAGM</b> ; 61mm diameter, single 1mm centre hole. Four evenly spaced 1mm holes inset 2mm from outer edge.	<b>1029 006115</b>	1+	£4.51
			2+	£4.06
5	<b>ALUMINIUM DIAPHRAGM</b> ; 62mm diameter 'A' type, single 1mm centre hole. Four evenly spaced 1mm holes inset 2mm from outer edge.	<b>1029 006201</b>	1+	£4.51
			2+	£4.06
6	<b>ALUMINIUM DIAPHRAGM</b> ; 62mm diameter 'B' type, No holes.	<b>1029 006215</b>	1+	£4.51
			2+	£4.06
7	<b>ALUMINIUM DIAPHRAGM</b> ; 63mm diameter, single 1mm centre hole. Five evenly spaced 1mm holes inset 2mm from outer edge.	<b>1029 006315</b>	1+	£4.51
			2+	£4.06

### MICA DIAPHRAGMS

High quality mica with centre hole. The models shown are the typical ones for that size, and they fit other unlisted gramophones.

Price per unit in £ on 04/12/2017

	<b>MICA DIAPHRAGM 1 5/16"</b> Edison/Columbia cylinder type	<b>1029 000115</b>	1+	£7.04
	<b>MICA DIAPHRAGM 1 9/16"</b> Victor Concert	<b>1029 000215</b>	1+	£7.04
	<b>MICA DIAPHRAGM 1 3/4"</b> Columbia	<b>1029 000415</b>	1+	£7.04
	<b>MICA DIAPHRAGM 1 7/8"</b> HMV No. 2, Silvertone	<b>1029 000515</b>	1+	N/A
	<b>MICA DIAPHRAGM 1 15/16"</b> Sonora, Heinman	<b>1029 000615</b>	1+	N/A
	<b>MICA DIAPHRAGM 1 31/32"</b> Pathe, Sonora	<b>1029 000715</b>	1+	N/A
	<b>MICA DIAPHRAGM 2 1/16"</b> Heineman, Vitanola	<b>1029 000815</b>	1+	N/A
	<b>MICA DIAPHRAGM 2 1/8"</b> HMV No. 4, Vocalian	<b>1029 000915</b>	1+	N/A
	<b>MICA DIAPHRAGM 2 5/32"</b> Harmonola	<b>1029 001015</b>	1+	N/A
	<b>MICA DIAPHRAGM 2 3/8"</b> Pathe, Vocalian	<b>1029 001215</b>	1+	£14.50
	<b>MICA DIAPHRAGM 2 7/16"</b> Granby	<b>1029 001315</b>	1+	N/A
	<b>MICA DIAPHRAGM 2 9/16"</b> Pathe concert, Pianina, Brunswick, Sonora	<b>1029 001415</b>	1+	£5.89

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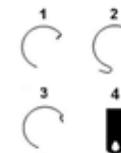
### GRAMOPHONE SPRINGS

Other sizes of Gramophone springs are available to order. Many Gramophones use clock springs, so please look in the spring list in chapter 1 if you do not find what you are looking for here.

Sizes given are Height, Strength and Length.

All dimensions are in mm.

Figure: (1): 90 degree hub. (2): Outer hook. (3): Hub. (4): eye.



Price per unit in £ on 04/12/2017

	<b>GRAMOPHONE SPRING</b> 16mm x 0.55mm x 2500mm. Centre Eye. Outer Eye.	<b>1028 160215</b>	1+	<b>£41.87</b>
	<b>GRAMOPHONE SPRING</b> 18mm x 0.50mm x 2000mm. Centre Eye. Outer Eye.	<b>1028 180115</b>	1+	<b>£32.12</b>
	<b>GRAMOPHONE SPRING</b> 18mm x 0.55mm x 2500mm. Centre Eye. Outer Eye.	<b>1028 180215</b>	1+	<b>£41.87</b>
	<b>GRAMOPHONE SPRING</b> 20mm x 0.65mm x 3500mm. Centre Hub. Outer Eye.	<b>1028 200215</b>	1+ 3+	<b>£46.80</b> <b>£42.12</b>
	<b>GRAMOPHONE SPRING</b> 20mm x 0.65mm x 3500mm. Centre 1/8" 90 deg Hub. Outer Eye.	<b>1028 200315</b>	1+ 3+	<b>£39.00</b> <b>£35.10</b>
	<b>GRAMOPHONE SPRING</b> 22mm x 0.55mm x 2700mm. Centre Hub. Outer Eye.	<b>1028 220115</b>	1+	<b>£52.47</b>
	<b>GRAMOPHONE SPRING</b> 20mm x 0.65mm x 3500mm. Centre Eye. Outer Eye.	<b>1028 200515</b>	1+ 3+	<b>£38.69</b> <b>£34.82</b>
	<b>GRAMOPHONE SPRING</b> 22mm x 0.55mm x 2700mm. Centre Eye. Outer Eye.	<b>1028 220215</b>	1+	<b>£52.47</b>
	<b>GRAMOPHONE SPRING</b> 22mm x 0.55mm x 3500mm. Centre Eye. Outer Eye.	<b>1028 220315</b>	1+	<b>£43.59</b>
	<b>GRAMOPHONE SPRING</b> 25mm x 0.55mm x 2745mm. Centre Eye. Outer Eye.	<b>1028 250115</b>	1+ 3+	<b>£58.50</b> <b>£52.65</b>
	<b>GRAMOPHONE SPRING</b> 25mm x 0.55mm x 2745mm. Centre Hub. Outer Eye.	<b>1028 250215</b>	1+ 3+	<b>£49.50</b> <b>£44.55</b>
	<b>GRAMOPHONE SPRING</b> 25mm x 0.55mm x 4250mm. Centre Eye. Outer Eye.	<b>1028 250315</b>	1+ 3+	<b>£65.00</b> <b>£58.50</b>
	<b>GRAMOPHONE SPRING</b> 25mm x 0.55mm x 4250mm. Centre Hub. Outer Eye.	<b>1028 250415</b>	1+ 3+	<b>£58.50</b> <b>£52.65</b>
	<b>GRAMOPHONE SPRING</b> 25mm x 0.55mm x 5900mm. Centre Hub. Outer Eye.	<b>1028 250515</b>	1+ 3+	<b>£71.50</b> <b>£64.35</b>
	<b>GRAMOPHONE SPRING</b> 30mm x 0.65mm x 6122mm. Centre Eye. Outer Eye.	<b>1028 300615</b>	1+ 3+	<b>£53.95</b> <b>£48.55</b>
	<b>GRAMOPHONE SPRING</b> 32mm x 0.61mm x 4100mm. Centre Hub. Outer Hook.	<b>1028 320115</b>	1+	<b>£65.00</b>
	<b>GRAMOPHONE SPRING</b> 32mm x 0.61mm x 4100mm. Centre Hub. Outer Eye.	<b>1028 320415</b>	1+	<b>£65.00</b>
<b>GRAMOPHONE SPRING</b> 32mm x 0.61mm x 5000mm. Centre Eye. Outer Eye.	<b>1028 320215</b>	1+	<b>£71.50</b>	

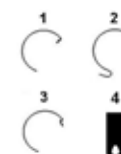
### PHONOGRAPH SPRINGS

Other sizes of Phonograph springs are available to order.

Sizes given are Height, Strength and Length.

All dimensions are in mm.

Figure: (1): 90 degree hub. (2): Outer hook. (3): Hub. (4): eye.



Price per unit in £ on 04/12/2017

	<b>PHONOGRAPH SPRING, PUCK</b> 11mm x 0.50mm x 1650mm. Centre Eye. Outer Loop.	<b>1028 110115</b>	1+	<b>£36.31</b>
	<b>PHONOGRAPH SPRING PATHE/PERFECTA/COLUMBIA</b> 13mm x 0.50mm x 2400mm. Centre Eye. Outer Eye.	<b>1028 130115</b>	1+	<b>£32.67</b>
	<b>PHONOGRAPH SPRING GEM</b> 16mm x 0.50mm x 3200mm. Centre Eye. Outer Loop.	<b>1028 160115</b>	1+	<b>£41.87</b>
	<b>PHONOGRAPH SPRING STANDARD/FIRESIDE</b> 25mm x 0.75mm x 3345mm. Centre Eye. Outer Eye.	<b>1028 250615</b>	1+	<b>£53.95</b>
	<b>PHONOGRAPH SPRING HOME</b> 32mm x 0.75mm x 4000mm. Centre Eye. Outer Eye.	<b>1028 320315</b>	1+	<b>£49.66</b>

### RECORD SLEEVES

Price per unit in £ on 04/12/2017

	<b>RECORD SLEEVES</b> x 25 10". White.	<b>1446 102515</b>	1+	<b>£31.50</b>
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