

USA Magnetic Tumblers

Part #s

82-268 (Single Speed) 82-268A (Single Speed)	110V 220V	Mini Red	10-15 Rings
82-268-USA (Variable Speed) 82-268A-USA (Variable Speed)	110V 220V	Mini Red	10-15 Rings
82-270-USA 82-270A-USA	110V 220V	Medium	100 Rings
82-277-USA 82-277A-USA	110V 220V	Large Yellow	300 Rings

All units come complete with one custom plexi-glass bowl, stainless steel pins and tumbling soap. The mini and medium tumbler have a timer, a protective fuse, and lamp indicating the unit is on. The automatic reverse option is standard with the large unit.

Pin Amounts:

1. 82-268-USA 82-268A-USA	Mini Red Tumbler	5" Bowl *Use 150 Grams
2. 82-270-USA 82-270A-USA	Medium Tumbler	8-1/2" Bowl *Use 350 Grams
3. 82-277-USA 82-277A-USA	Large Yellow Tumbler	11" Bowl *Use 500 Grams

Water Amounts:

Water level should be approximately 1" (25mm) deep in the bowl before adding the pieces to be polished.

HELPFUL HINT:

The correct amount of water is where the pins and the jewelry are circulating in a "storm-like action". You may have to adjust the amount of water in relation to your speed, quantity, and the amount of pins.

Water Changes:

IMPORTANT: As with any water based tumbling system, it is best to use clean water and soap every polishing cycle.

HELPFUL HINTS:

1 - Do not let the soapy solution stay in the bowl when not running for long periods (overnight, etc.) since this may result in the pins turning black. If The pins do become dark, run them with clean water and 750 soap shot cleaner (82-070-D).

2 - Time required to finish should be determined by a simple examination of the jewelry after 10 minutes of running, 20 minutes, 30 minutes etc. until the desired finish is achieved.

3 - Do not overload the bowl with pins or pieces to be finished. The maximum quantity should be the quantity listed on the reverse side for each unit.

4 - Do not allow the pin and/or solution to be under the bowl when operating. This will quickly wear out the plate under the bowl

Soap Amounts:

Mini-Tumbler	5" Bowl	1 Tablespoon each of powder and liquid
Medium Tumbler	8-1/2" Bowl	5 Tablespoons each of powder and liquid
Large Tumbler	11" Bowl	7 Tablespoons each of powder and liquid

Replacement Items:

82-2733	.3mm x dia x 5mm long stainless steel pins (250gram bottle)
82-273	.5mm x dia x 5mm long stainless steel pins (250gram bottle)
82-2733-3	1.2mm dia x 5mm stainless steel balls (250gram bottle)
80-0975	White concentrated soap powder (4lb/box)
80-0985-QT	Blue Magic liquid tumbling soap (1 quart/liter bottle)
80-0985-GL	Blue Magic liquid tumbling soap (1 gallon/ 4 liter bottle)
82-268-R-B	125mm - 5" dia mini bowl
82-269-R-B	169mm - 6 3/4" dia small bowl
82-270-R-B	213mm - 8 1/2" dia medium bowl
82-275-R-B	275mm -11" dia large bowl