

## The Yankee Master tank Part 6

### 1. The entire tank kit

These are the components of the Yankee Master Tank M-18. The light here was quite contrasty, so the outflow pattern of the lid (left, upper) isn't clearly shown. Note that both reels are collapsed to the 110/16mm film size.



## 2. The central spool

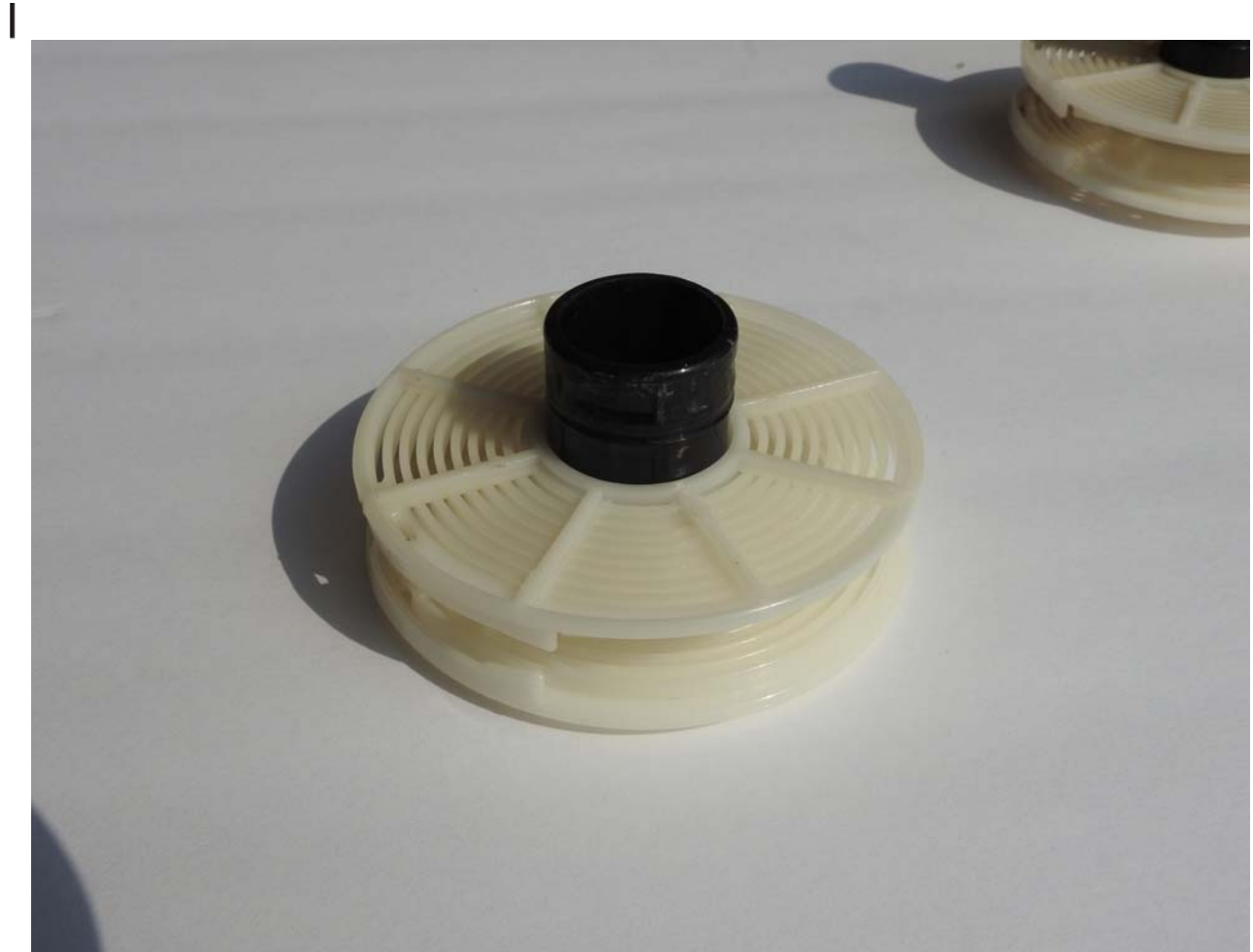
The central spool inner diameter is 21mm (9/16 inch) and the outer diameter is 25mm (1 inch). For comparison purposes, the Yankee Clipper spool has an outer diameter of 25mm (1 inch) and an inner diameter of 21mm (9/16 inch) stepped down to 16mm (5/8 inch) for the Clipper stirring spindle/thermometer. The central spool length is suitable for 110/16mm, 35mm, 126, 828, 127, and 120 films. The spiral length is sufficient to accommodate at least two long or three short lengths of 110/16mm film for development of multiple films at once in the same baths.



## The Yankee Master tank Part Two

### 3. The second spool

This spool or reel has a larger central diameter of 25mm (1 inch) and. The central cylinder can be cut off at the 110/16mm setting to allow second and third reels in the same tank. The tab can, in some cases, be removed to accommodate 9.2mm films (see below). I have not been successful in so doing, however. As a bonus, the second spool internal diameter (in unmodified form) will fit over the Yankee Clipper and Clipper spools to allow additional rolls to be developed in the same tank. Each spool is of sufficient spiral length to accommodate three short film strips, so you can possibly develop up to nine short films in a single Yankee Master tank (six in a Yankee Clipper/Clipper tank). Note that the Master Tank and Clipper Tank central spool outer diameters are the same so these second spools can also be used in Yankee Clipper tanks.



. The cap and stirring spindle

Rarely used, the stirring spindle is usually missing from used reels on the used markets. The cap, fits tightly over the tank top such that inversion agitation is possible, though very slight leakage may develop over long usage. Rarely legible inside the cap is the listing of needed volumes for different sizes and numbers of reels. The reading difficulty stems from the lettering being raised in black on a black background. I have copied the information for reference.



### The Yankee Master tank Part Three

#### 5. The tank top

This larger view of the tank top shows more clearly the larger drainage apertures near the top which enable very rapid discharge of the tank contents. The tank top screws firmly onto a softer plastic seal on the tank base, ensuring more leak-proof inversions.



6. The central spool ad used for 110/16mm size films.

Note the rounded tab depending from the top spiral it is this tab which may be removed to enable 9.2mm films.

