

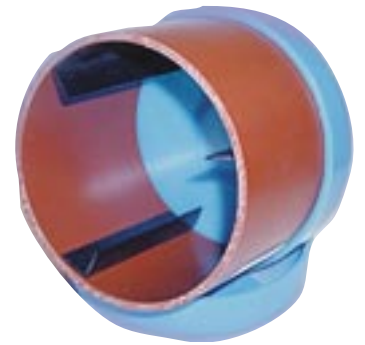
## General Instructions for Metal Finishing with a Tumble-Polisher

When finishing metal parts, such as silver castings, there are several different compounds which may be used: the most common being stainless-steel burnishing shapes (94-089) of different sizes as a pre-polish, followed by impregnated media such as crushed walnut shell (Ref 94-084) or maize (Ref 94-088).

When used, the stainless steel shapes should be small enough to pass through any holes in the object.



**Step 1)** A mixture of about two-parts stainless steel shapes (in volume) to a maximum of one-part items to be polished, should be placed in the (vaned) barrel. Do not fill the barrel to more than about 2/3rds full.



**Step 2)** Add about one heaped tablespoonful of tumbling 'soap' (Ref 94-087) for a 1400gms barrel (or one level tablespoonful for a 900gms barrel) to act as a lubricant and polishing agent and to assist as a rust inhibitor for the steel.

**Step 3)** Add water to the barrel content to just cover the mix. After replacing the lid, the barrel should be run for as long as is necessary; inspecting it every half hour or so until the required finish is obtained.

Remember that the steel shapes will only polish a smooth surface - they will not remove material or get 'pitting' out of a bad casting. If the work comes out dirty or tarnished, it is usually a sign that the soap needs replacing: wash out the barrel and recharge as above.

Never the leave the steel shapes in just water alone as they will cease to polish effectively.

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