<page>169v</page>

<image>http://gallica.bnf.fr/ark:/12148/btv1b10500001g/f344.image</image>

<div>

<id>p169v\_1</id>

<head>Molding very thin like <pro><fr>bimbalotiers</fr></pro> do</head>

<ab>They mold in <tl><m>paper</m></tl> &amp; <tl><m><fr>carton</fr></m></tl>, for neither <m>earth</m>, sand, nor <m>metal</m> would mold as neatly, &amp; would not receive. Or else they engrave in <tl><m>stone from <pl><fr>Istre</fr></pl></m></tl> the principal side, &amp; the reverse is of <tl><m>paper</m></tl> or <tl><m><fr>carton</fr></m></tl>.</ab>

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<id>p169v\_2</id>

<head>Reducing a round figure into a hollow one</head>

<ab>You need to firstly mold it with some <m>plaster</m>, as said before, &amp; in the <m>plaster</m> cast in <m>wax</m>, from which will come out a relief that you will repair very neatly, and <del><fr>b</fr></del>model it as you fancy. And then, you will model this relief of <m>wax</m> again in <m>plaster</m>, or better yet, with your wet sand <figure>#</figure> like for <fr>noyau</fr>, &amp; in the latter cast in some <m>lead</m>, &amp; from this you will have a very neat relief, &amp; if it is not, repair <add>on the <m>ciment</m> or otherwise</add>, &amp; take heed that it is always of good release. And this one will always serve you well for making as many hollows as you please, in this way. Place <add>half of</add> your figure of <m>lead</m>, <m>oiled</m> &amp; wetted with <m>eau-de-vie</m> according to the above, in the <tl><m>clay</m> slab</tl>, then mold this half with some <m>white plaster</m>. Having set <del>next</del> <add>and having well smoothed &amp; flattened the <m>plaster</m></add>, take your <m>black wax mixed with sulfur</m>, as is said, because it leaves nothing in the <tl>mold</tl> &amp; melts quicker. Wet it in <m>warm <bp>urine</bp></m>, &amp; once softened enough, make it into an imprint on the half of the <m>lead</m> figure, and <del>it</del> you will have a very neat hollow. Shape next the <m>wax</m> hollow in a square shape, as you please, with sufficient thickness &amp; smooth it well on all sides, &amp; <del>thus</del> next, mold this hollowed <m>wax</m>, both imprinted on one part &amp; flat &amp; smooth on the other, in the same fashion that you mold flat medals of <m>wax</m> or <del>other</del> <m>metal</m> in <fr>noyau</fr>. And the <tl>mold</tl> in <fr>noyau</fr> will render in <m>silver</m> or such <m>metal</m> as pleases you <del>the <fr>m</fr></del> a similar figure to the <m>wax</m>, that is to say flat &amp; smooth on one side &amp; hollow on the other. And having cleaned &amp; put this hollow to be whitened, if it is <m>silver</m>, you will be able to mix there some works of <m>sugar</m>,</ab>

<ab><margin>left-middle</margin><figure>#</figure>

having made a hole in your <tl><m>clay</m> slab</tl> &amp; having <del><fr>en</fr></del> packed in it half of the <del><ill/></del> <add>f</add>igure of <m>wax</m>, a little <m>oiled</m>, to pull it out better.</ab>

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<m>Transparent wax</m> is not good, but rather the one which has body, to make an imprint well.</ab>

<figure>

<id>fig\_p169v\_3</id>

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<link><https://drive.google.com/open?id=0B9-oNrvWdlO5MGtBY2MyYTNKTUE></link>

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As you have molded with <m>plaster</m> &amp; <m>wax</m> one half, you can mold the other the same.</ab>

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