


## Rod/Bead pin

The size given for the rod is always the net length - there is an additional 1.5 mm long thread on both sides so the total length is the given length plus 3 mm .
The easiest way to measure the hole's length is to use a caliper.
You should take into account that the larger the diameter of the hole the more ball-shaped end pieces will slide into the bead so you will need a shorter rod. The ideal hole diameter is $1.5-2$ mm . You can melt the glass directly on the rod so no end-piece is necessary. If you melt a glass on total length of the rods, please let free the end of pins or cover the end ( $3-4 \mathrm{~mm}$ ) of the pin with "bead release". You can melt the glass just on the last $3-4 \mathrm{~mm}$ of the pins to close it, this case the pin do not need a special handling. Use aways a controlled kiln cold down for glass. Use pin holder tool for flame work. Ref Nr: 230066.
Please heat the pin gently. Pin is very slim, if you heat it to long, you can melt it! 2 bead pins / package, no other elements included Dimensions:
$8 \mathrm{~mm}, 10 \mathrm{~mm}, 12 \mathrm{~mm}, 14 \mathrm{~mm}, 16 \mathrm{~mm}, 18 \mathrm{~mm}, 20 \mathrm{~mm}, \ldots .56 \mathrm{~mm}, 60 \mathrm{~mm}, 65 \mathrm{~mm}$, and 70 mm


