

Instruction manual



Hammer certification unit

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page 1

Note: The hammer is a three part device that includes a **metal ball, called 'head'**, attached to a steel wire with a **grip or 'handle'** on the end.

The MuM- hammer certifying device enables the checking of a hammer used in competition. You can easily check the hammer's specifications according to the IWR rule 191. You can immediately decide if the hammer is legal or not.

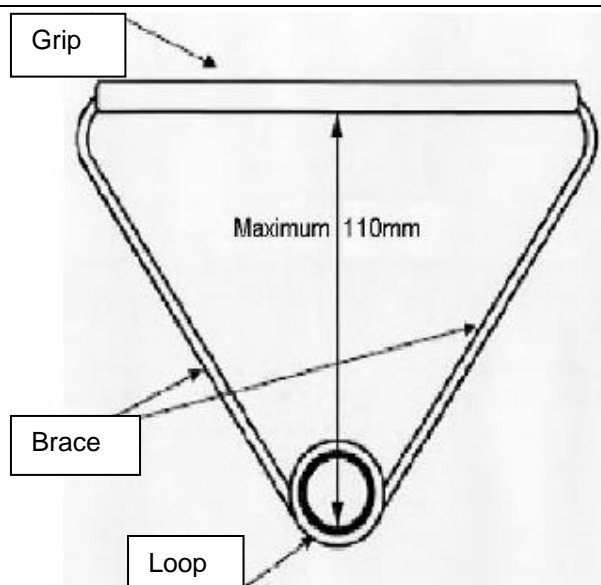
It is done as follows:

Check the hammer's weight with a standardized and calibrated scale (calibration class III). The permitted weight values for the respective hammer categories are stated in the valid IWR rule 191.9 (most recent edition).

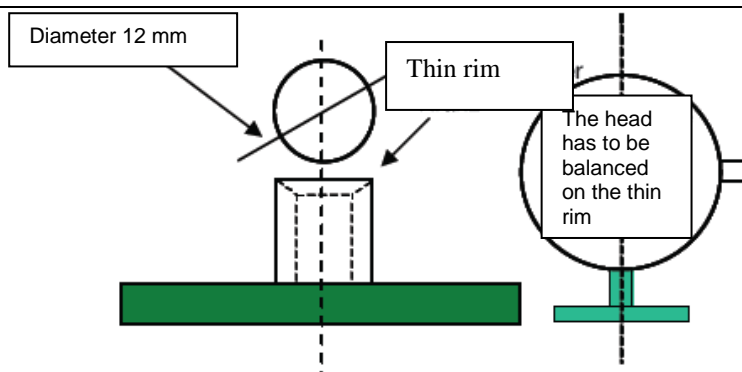
To check the legal outer diameter (\varnothing) of the hammer use the respective shot/hammer measuring gauge (not included in product contents). The minimum/maximum diameter is gauged easily.

Next, check if the wire thickness is legal. Use the wire thickness gauge.

The hand grip has to be stiff and without any kind of hinges.

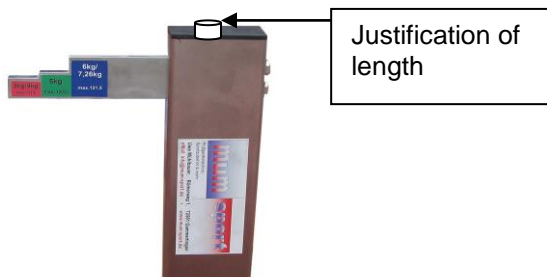


Then check the center of gravity of the head (metal ball) with the center of gravity gauging device. Place the head on the certification unit. If the head stays on the small tube it is legal.



To check the hammer's length, place the hammer with its handle on the suspension (see marking). The head must not lie on the certification unit's foot. If the head is freely movable the hammer is legal.

Justification of length. Suspension to check the hammer's length. If the head is freely movable the hammer is legal.



Suspension to check the hammer's length



If the head is freely movable the hammer is legal



If the hammer touches the certification unit's foot its length is not legal.

You do not check the minimum length anymore.

The wire's length is checked during the competition as well.
If the hammer fulfills all criteria the hammer is legal.