

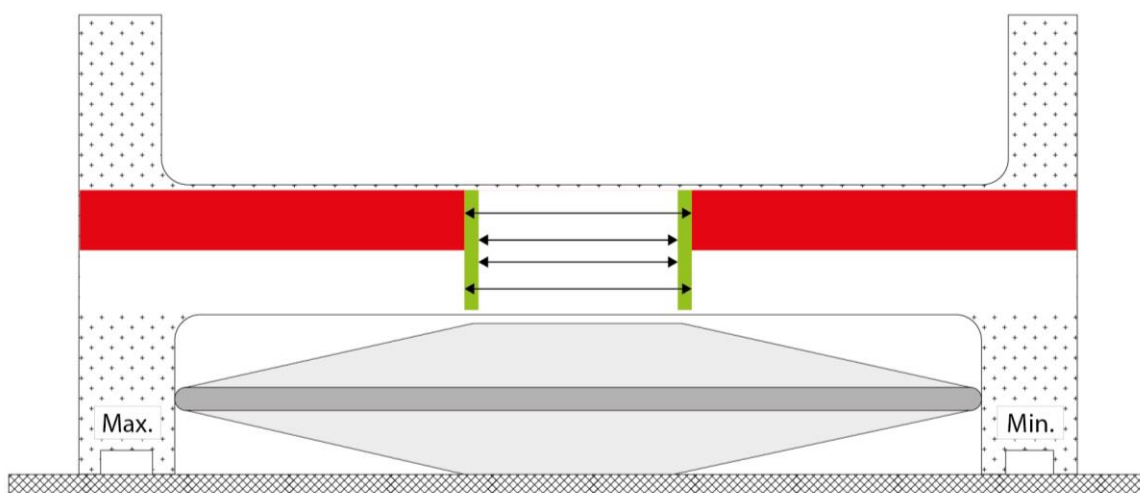
SGT – discus measuring gauge

The SGT – discus measuring gauge allows you to check the discus according to the specifications of rule 189. It allows you to check the discus' diameter, height, core diameter, as well as the ring diameter quickly and correctly.

It is done as follows:

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

Place the discus on a hard and even surface to check if its outer diameter (\emptyset) is legal. Next, move the SGT – discus measuring gauge onto the discus that is being checked. The measuring gauge has to be parallel to the surface over which the discus is placed (see illustration). According to the weight categories, the gauge disposes two big notches when the discus comes to rest. Make sure that the discus' weight category and side orientation always correspond during the gauging process. When positioned correctly, the actual weight category and size specifications will be indicated directly above the discus. The labeling is identical on both the front side and the back side of the SGT – discus measuring gauge, respectively.

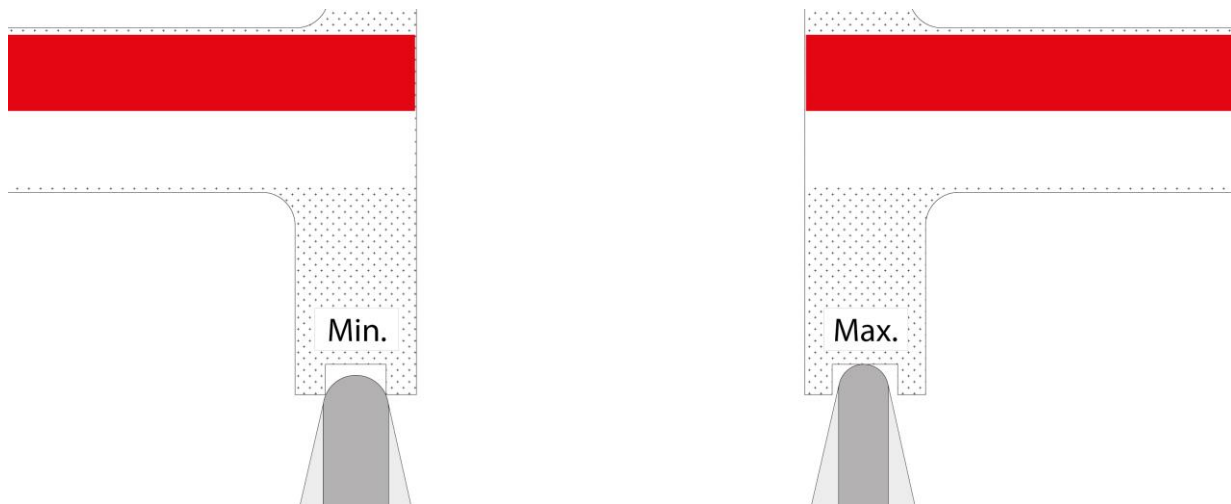


The notch restricts the permitted **maximum outer diameter** of the discus to the left and right side. If the discus measuring gauge **cannot be placed over the sport equipment**, then the discus is **not legal**.

Make sure the discus is assigned correctly to the respective weight categories. Sometimes, when measuring the outer diameter, a gap between the outer edge of the sport equipment and the inner edge of the measuring gauge's notch is detectable. If there is a gap between the notch and the discus it must not be more than 2mm. This can be tested very easily and precisely using the attached 2mm metal strip. For this check, line the discus up precisely with the (from your perspective) measuring gauge's left inner edge. Then slide the metal strip carefully in the gap between the discus' right edge and the inner right edge of the measuring gauge's notch.

If the gap is greater than 2mm the discus is not legal. To check the discus' height, proceed in the same way at the discus' top edge.

Afterwards, check if the discus' ring shows the corresponding thickness at the **testing point S1** – minimum 12mm, maximum 13mm. If the discus edge fits the 12mm gauge without rattling, the implement meets the minimum thickness. If the semicircle does not fit into the 13mm gauge then the discus is too thick.



If the discus fulfills all criteria the discus is legal.