Centering Tool Instruction Manual

— For Trading Cards —





TLdesign

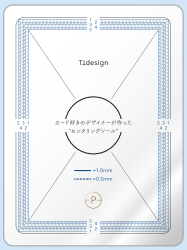
How to Use the TTdesign Centering Tool

Made for Collectors

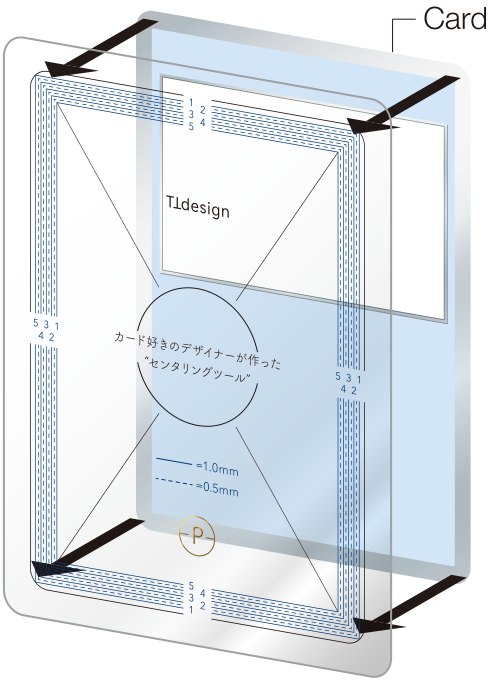


What is TTdesign?

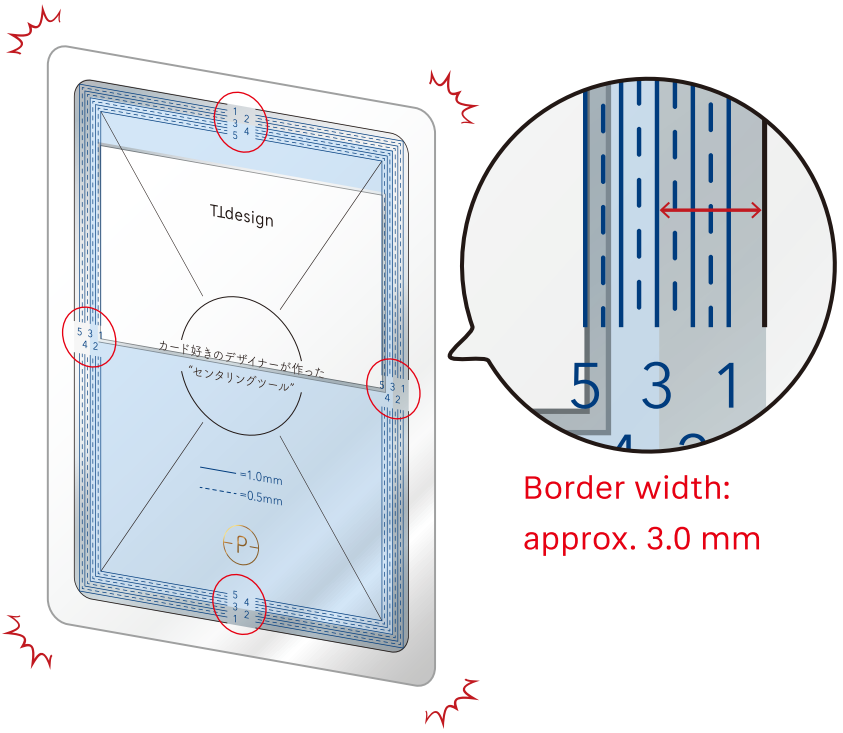
TTdesign is a designer-created brand
dedicated to high-quality trading card tools.
We create practical, thoughtfully designed products
with collectors in mind.



1 Align the centering tool with the outer edges of the card.

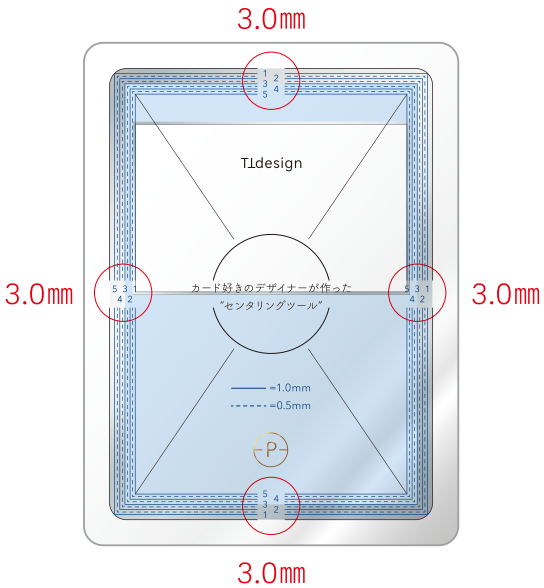


2 Measure the border widths at the top, bottom, left, and right of the card.



Border width:
approx. 3.0 mm

3 If the measured values match any of the ratios below, the card's centering is within the indicated range.

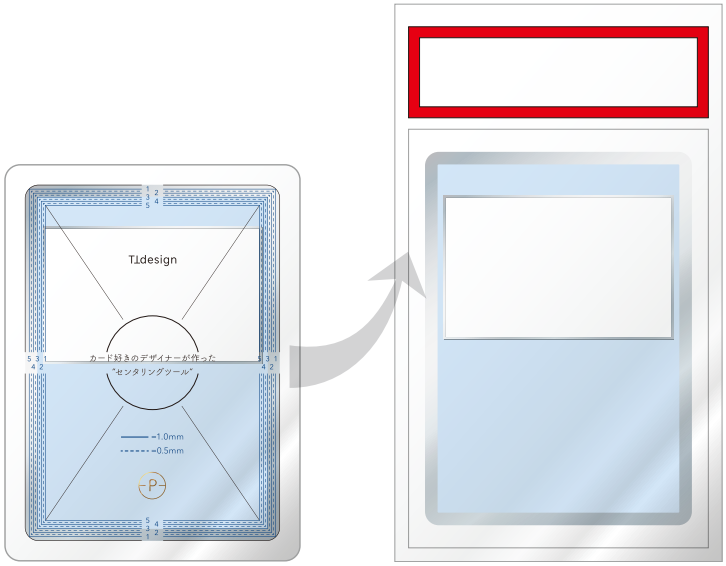


Card Front Ratio Chart (up to 55:45)

Scale	Ratio
3.0:3.0	50:50
3.5:3.0	54:46
3.5:3.5	50:50
2.5:2.5	50:50

4 Proper Centering Matters for Grading.

Proper Centering
Is Key to Card Grading.





5 Insert the card into a semi-rigid card holder for grading submission.

When submitting to a grading company (such as PSA or BGS),
place the card in a semi-rigid card holder.

TTdesign's grading kit includes semi-rigid card holders
to help prepare your cards for grading submission.

Card Centering Ratio Reference Chart

– Based on the Latest Grading Standards

This chart is based on PSA's published centering guidelines, including updates introduced in 2025.

Use this chart as a reference when checking your card's centering.

PSA 10 centering guidelines: **Front up to 55:45** / **Back up to 75:25.**

Card Front Ratio Chart (up to 55:45)

Scale	Ratio	Scale	Ratio	Scale	Ratio
1.0:1.0	50:50	3.0:3.0	50:50	4.5:4.0	53:47
1.5:1.5	50:50	3.5:3.0	54:46	4.5:4.5	50:50
2.0:2.0	50:50	3.5:3.5	50:50	5.0:4.5	53:47
2.5:2.5	50:50	4.0:3.5	53:47	5.0:5.0	50:50
3.0:2.5	55:45	4.0:4.0	50:50		

Card Back Ratio Chart (up to 75:25)

The front centering ratios (up to 55:45) also apply to the back of the card.

Scale	Ratio	Scale	Ratio	Scale	Ratio
1.5:1.0	60:40	3.5:1.5	70:30	4.5:2.5	64:36
2.0:1.0	67:33	3.5:2.0	64:36	4.5:3.0	60:40
2.0:1.5	57:43	3.5:2.5	58:42	4.5:3.5	56:44
2.5:1.0	71:29	4.0:1.5	73:27	5.0:2.0	71:29
2.5:1.5	63:37	4.0:2.0	67:33	5.0:2.5	67:33
2.5:2.0	56:44	4.0:2.5	62:38	5.0:3.0	63:37
3.0:1.0	75:25	4.0:3.0	57:43	5.0:3.5	59:41
3.0:1.5	67:33	4.5:1.5	75:25	5.0:4.0	56:44
3.0:2.0	60:40	4.5:2.0	69:31		

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Card Centering Ratios in Grading Evaluation

(Officially Published Standards)

PSA publishes centering guidelines
for grades 7 through 10 on its official website.
The table below summarizes these guidelines
for reference when checking your cards' centering.

Grade	Front	Back
PSA10	55:45	75:25
PSA 9	60:40	90:10

Grade	Front	Back
PSA 8	65:35	90:10
PSA 7	70:30	90:10

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Source: PSA Grading Standards — www.psacard.com/gradingstandards