MANUFACTURING PROCESS

Process overview and technical characteristics | concept and CAD evidence

01 PRODUCT CONCEPT

A four-piece collection inspired by traditional Polish Bolesławiec ceramics.

02 MATERIAL

Brushed stainless steel; grade SUS304 and 1.5 mm thickness per application form.

03 PRECISION CUTTING

AMADA ENSIS 3015AJ; floral motifs, circular ornament rings and small perforations.

04 MICRO-BRIDGES

CAD drawings show narrow metal bridges retaining inner centers of ring motifs.

05 FORMING

Bent tray and basket walls; U-shaped folded base of napkin holder.

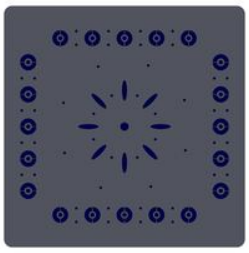
06 LAYERED ASSEMBLY

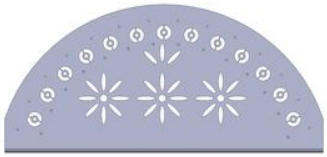
Blue inserts visible below cutouts on tray, fruit basket and plate.

07 FINISHING / QC

Deburr and inspect edges; check motif integrity, fit and finish before assembly.

DETAIL: LASER-CUT ORNAMENT WITH MICRO-BRIDGES



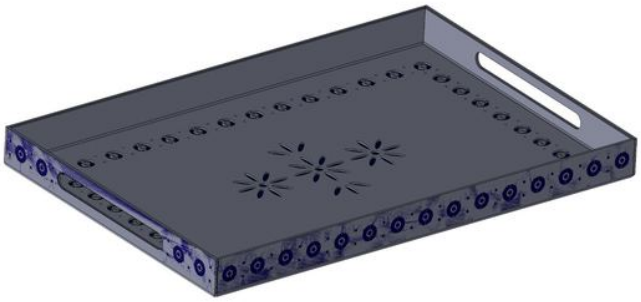


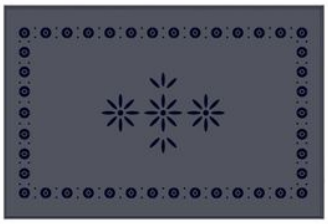
Verification before production: joint widths, tolerances and deburring are not specified in the supplied screenshots and must be confirmed against native CAD files.

ASSEMBLY & PROCESS EVIDENCE

Source drawings from SOLIDWORKS | not a substitute for fabrication drawings

TACA / SERVING TRAY



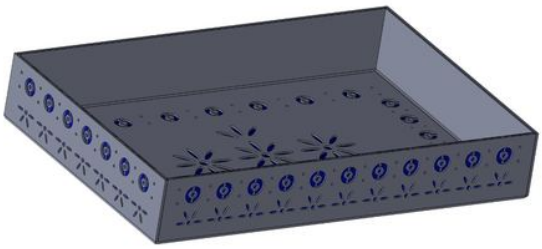


CAD VIEW

300 × 200 × 25 mm

Tray: raised walls, short-side handle openings; rings in base and sidewalls.

KOSZYK / FRUIT BASKET





CAD VIEW

240 × 160 × 40 mm

Basket: sidewall flower repeats and rim of circular details; no handles.

To complete: record actual CAD/CAM programming and machine operating times, bend sequence, assembly of blue inserts and measured tolerances.