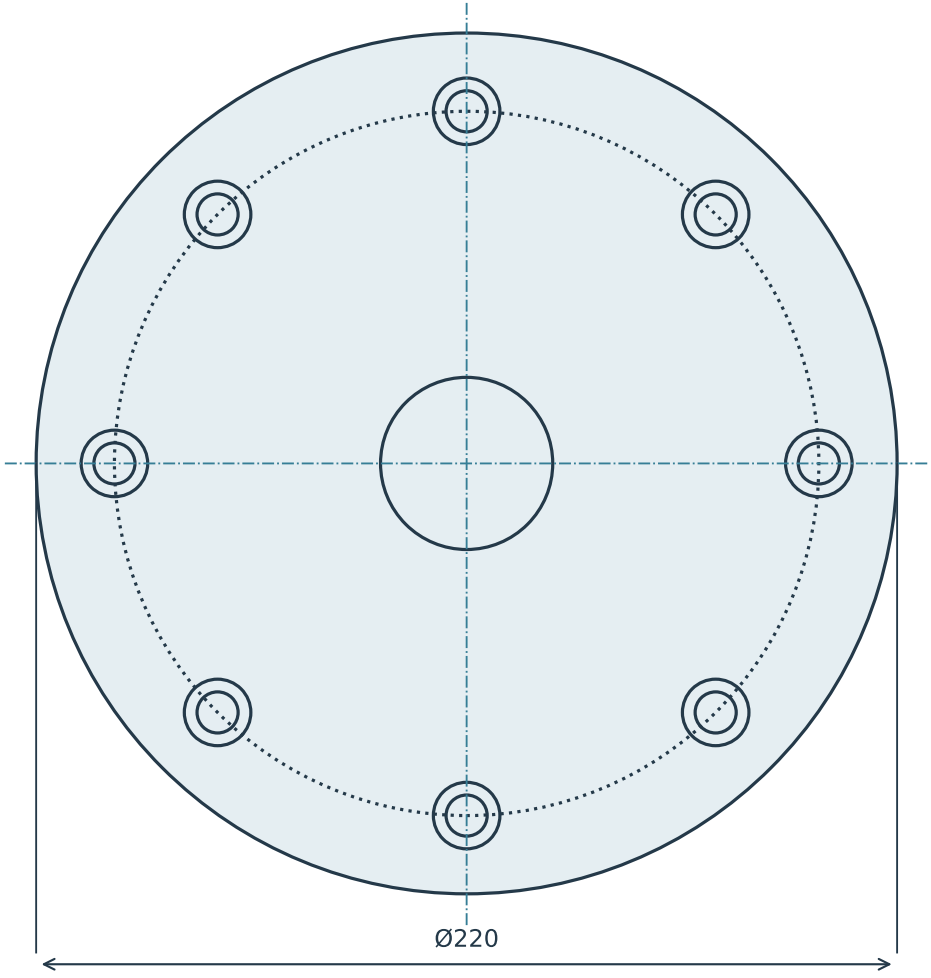
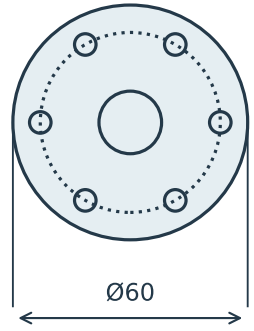
INDRBT | BASE & TOOL INTERFACES

Orthographic end views; original flange pattern; all holes explicitly modeled.

BASE: 8 × Ø10.5 THRU
Ø17 counterbore, 7 deep
PCD 180 / pilot cable bore Ø44
Plate thickness 20



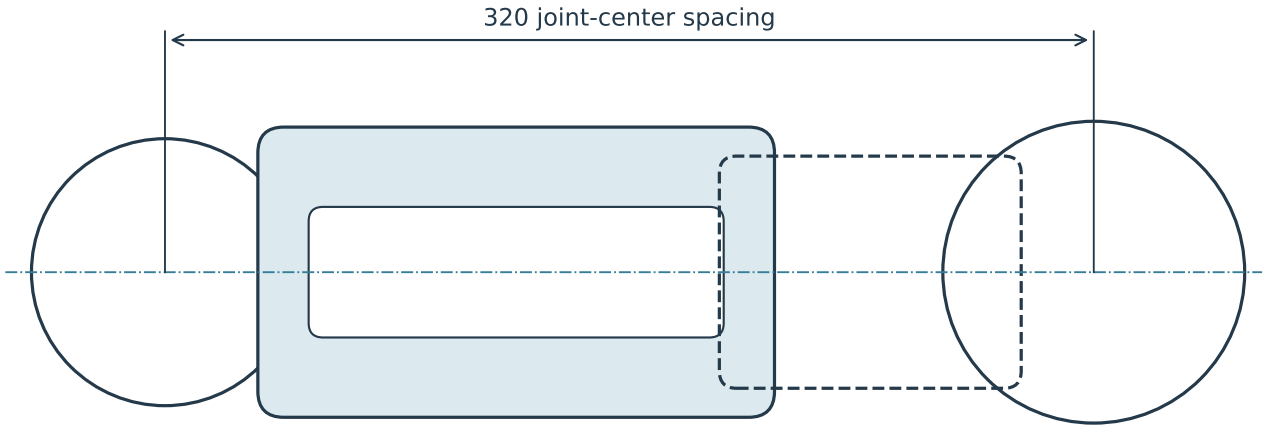
TOOL: 6 × Ø5.5 THRU
PCD 46 / cable bore Ø16
Flange plate 8 + Ø30 × 4 pilot
Adapter Ø60 × 8 / bore Ø30.2



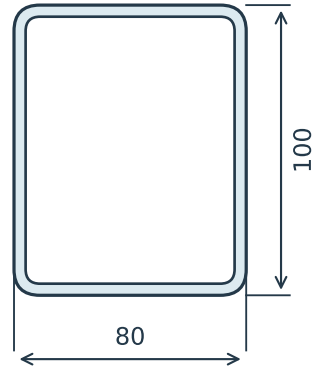
DIMENSIONS: mm | Concept interface drawing | Parameter source: config/robot.yaml
No manufacturing tolerances assigned. Fit, fastener length, thread engagement and assembly require detailed design.

INDRBT | LINK SECTIONS & JOINT CENTERS

Side outline and nominal extrusion section. Access windows require a separate structural refinement.



UPPER NOMINAL
80 × 100 × 4 wall

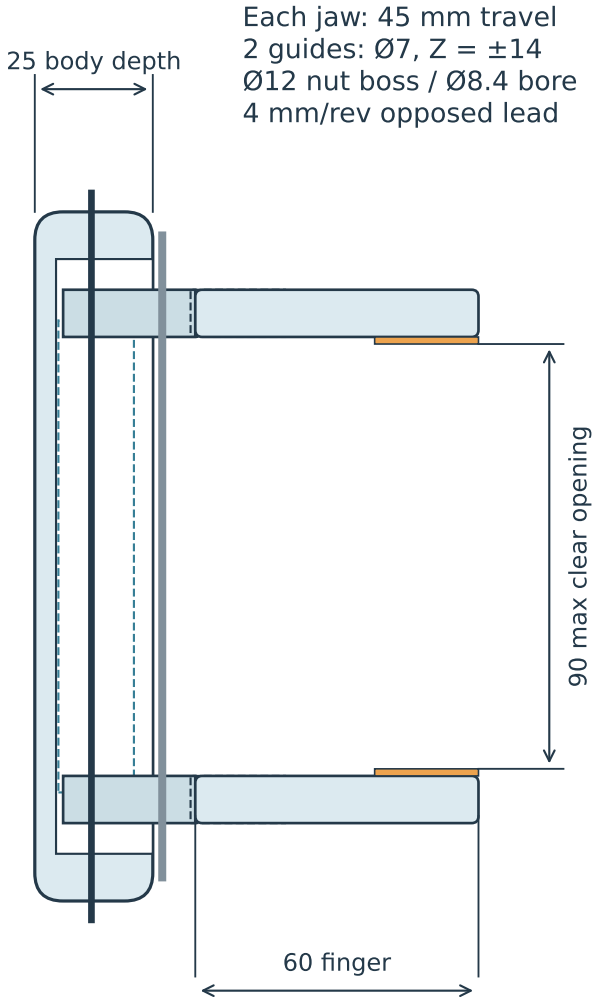


FOREARM: 280 center spacing; 65 × 80 × 4 wall.
Longitudinal fillets R9 outside / R5 inside; service cover mounting Ø3.4.
Joint barrels, fork bridges and material overlap are structural assembly interfaces.

DIMENSIONS: mm | Concept interface drawing | Parameter source: config/robot.yaml
No manufacturing tolerances assigned. Fit, fastener length, thread engagement and assembly require detailed design.

INDRBT | SYMMETRIC PARALLEL GRIPPER

Top view: transverse opposite-hand screw and two guides; fingers translate along ±Y.



Finger section 10 × 18; replaceable 1.5-thick pads. TCP at X=110, jaw mid-plane.
Ø8 screw envelope; connected nut bridges; top service hatch (dashed); no thread/preload detail.

DIMENSIONS: mm | Concept interface drawing | Parameter source: config/robot.yaml
No manufacturing tolerances assigned. Fit, fastener length, thread engagement and assembly require detailed design.