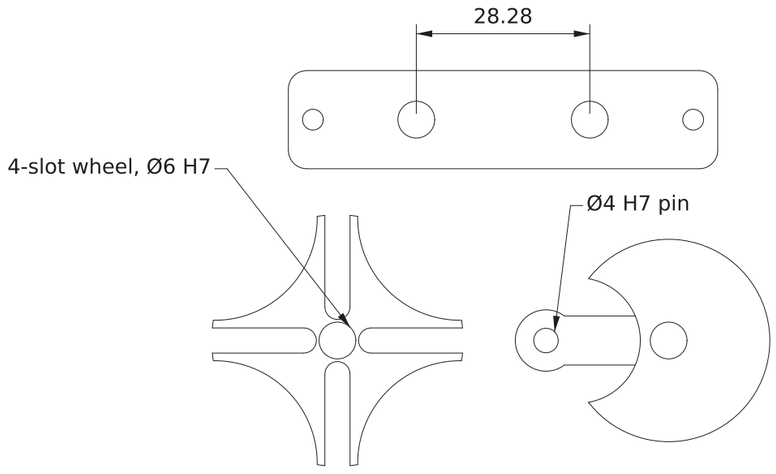
Front view





Plan view

Features

1. Wheel: 4 slots 4.1 wide, locking arcs R16.70, rim R20.50, Ø6 H7
2. Driver: locking disc R16.50 with its relief, pin hole Ø4 H7 at R20.00, Ø6 H7 - a Ø4 dowel is the pin
3. Driver's arm and pin boss milled down to 3 thick (pocket ↧5 from the top) - they pass under the wheel
4. Base plate 70 x 16: 2x Ø6 H7 at 28.28, 2x Ø3.4 - the set turns on it
5. Three parts nested on one plate, cut free with tabs

Notes

1. General tolerances ISO 2768-mK
2. Centre distance = R / sin(180° / 4); the pin enters the slots tangentially
3. Contours along true arcs (G2/G3) with exact offsets
4. Assembly: the wheel stands on a 3 mm spacer (Ø10 x 3) on its shaft, so the driver's arm passes under it; the Ø4 x 12 dowel is pressed into the boss and stands up into the slots

Geneva drive set
槽轮机构全套

Material 7075-T6 Stock 110 x 80 x 8 mm	**Drawing TW-E07**
General tolerances ISO 2768-mK · mm · Ra 1.6 unless noted	Scale 1:1 A3
Twinwright Studio 1.0 example · drawn 2026-10-06	ISO E (first angle)