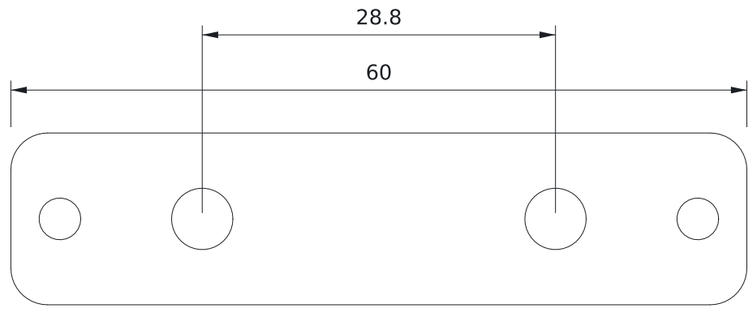
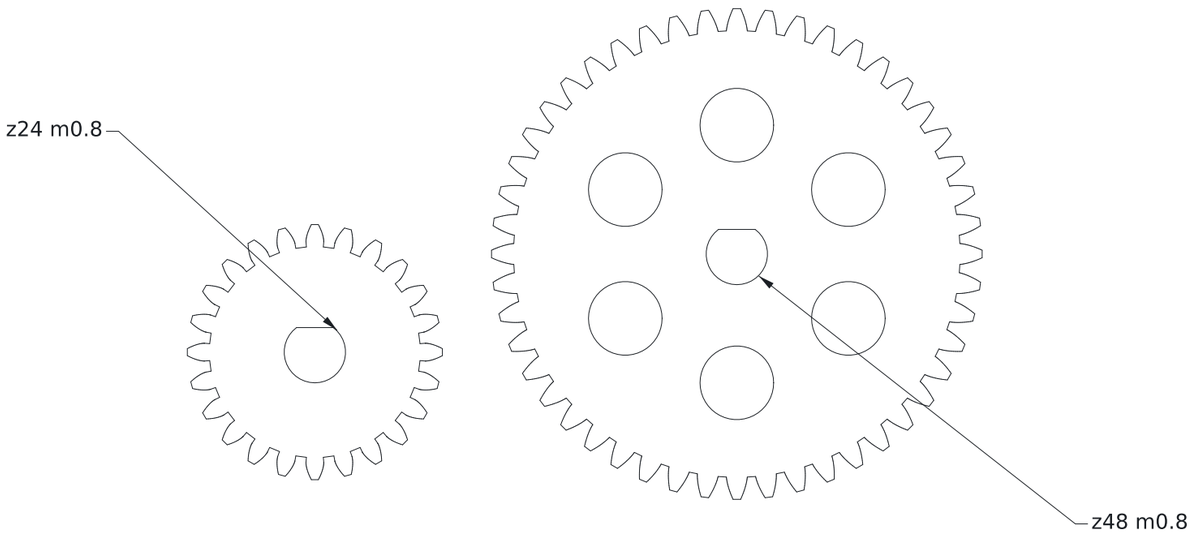
**Front view**




**Plan view**

## Features

1. Gear z = 24, m 0.8, 20°: pitch Ø19.2, tip Ø20.8, root Ø17.2; Ø5 H7 bore with a flat 4.5 - motor shaft with a D flat
2. Gear z = 48, m 0.8, 20°: pitch Ø38.4, tip Ø40.0, root Ø36.4; Ø5 H7 bore with a flat, 6x Ø6 lightening
3. Support plate 60 x 14, 2x Ø5 H7 at 28.8 (the centre distance), 2x Ø3.4 - the pair meshes on it
4. Face width 6; root fillet from the tool; tabs to the plate, filed after

## Notes

1. General tolerances ISO 2768-mK; gear accuracy not stated
2. Three parts nested on one POM-C plate (Studio's nesting), cut free with tabs
3. Centre distance 28.8 = m (z1 + z2) / 2; backlash from the tolerance of the H7 holes

# Spur gear pair and support plate
直齿轮副和支撑板

| | |
|---|---|
| Material POM-C<br>Stock 100 x 70 x 6 mm | **Drawing TW-E06** |
| General tolerances ISO 2768-mK · mm · Ra 1.6 unless noted | Scale 2:1 A3 |
| Twinwright Studio 1.0 example · drawn 2026-10-06 | ISO E (first angle) |