

Aluminum extrusion tech drawing

Cut-to-length and drilling for the PhysiClaw frame · 7 pieces, 4 specifications · EU-standard T-slot profiles

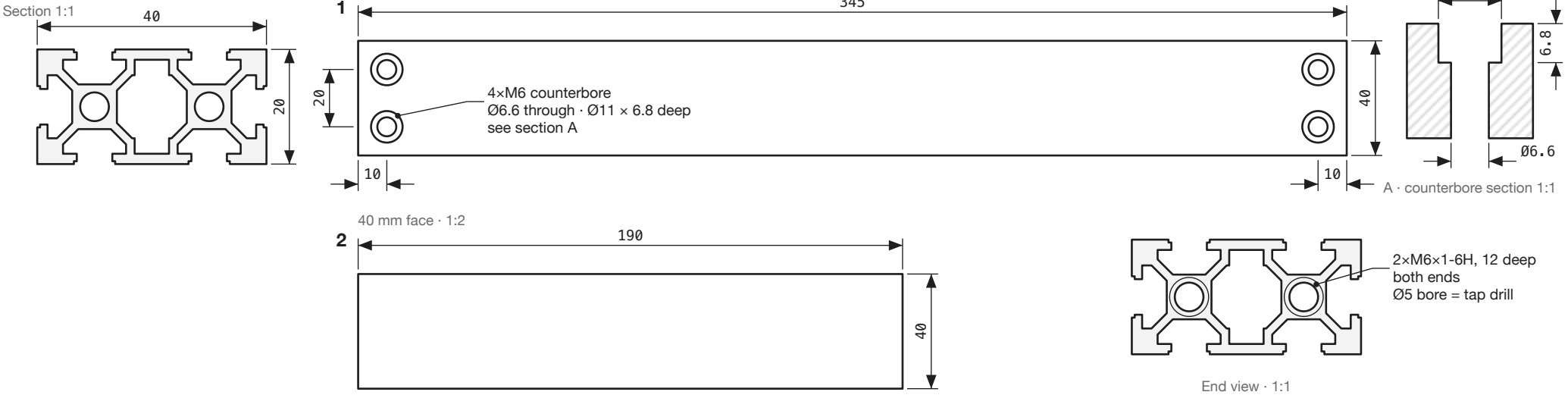
PhysiClaw.ai

Dimensions in mm · Do not scale the drawing

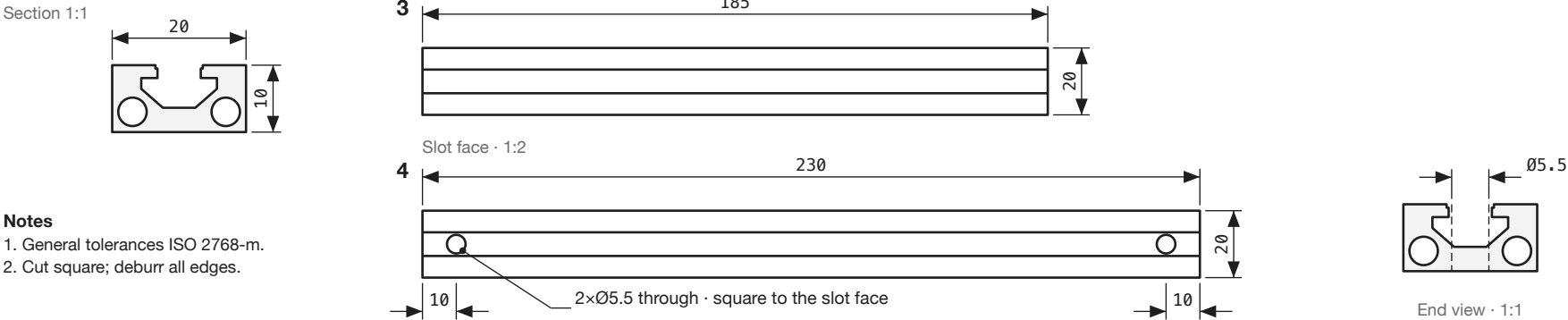
NO.	PROFILE	FINISH	LENGTH	QTY	MACHINING	APPLICATION
1	2040	Black anodized	345 mm	2	4×M6 counterbore (two per end): Ø6.6 through, Ø11 × 6.8 deep, on the 40 mm face, 10 mm from the end · for M6 socket head cap screws	Frame side rails
2	2040	Black anodized	190 mm	2	Both ends: tap the two center bores (Ø5 tap drill) M6×1-6H, 12 mm deep	Frame end rails
3	1020	—	185 mm	1	Cut to length only	Gantry X beam
4	1020	—	230 mm	2	2×Ø5.5 through, square to the slot face, centered, 10 mm from each end	Phone bed cross-beam

Total 7 pieces

2040 · 40 × 20



1020 · 20 × 10



Notes

- General tolerances ISO 2768-m.
- Cut square; deburr all edges.

铝型材加工图

PhysiClaw 框架铝型材下料与钻孔 · 共 7 根，4 种规格 · 欧标 T 型槽铝型材

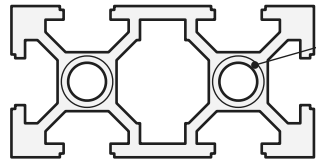
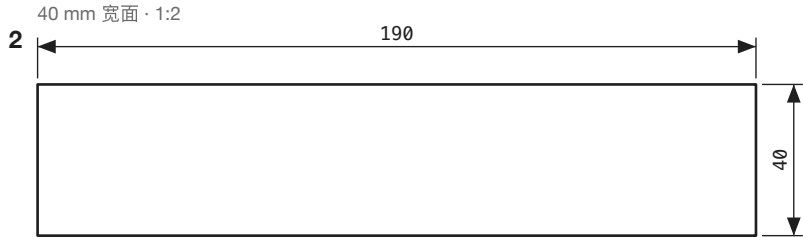
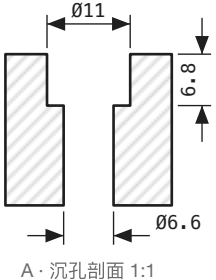
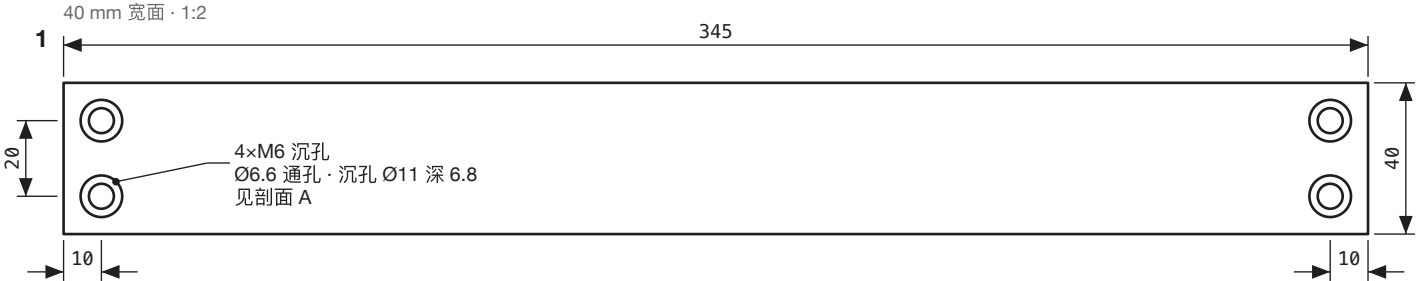
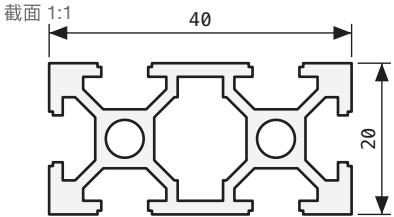
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单位：mm · 以标注尺寸为准，请勿量图

序号	型材	表面处理	长度	数量	加工要求	用途
1	2040	黑色阳极氧化	345 mm	2	4×M6 沉孔（每端 2 个）：Ø6.6 通孔，沉孔 Ø11 深 6.8，开在 40 mm 宽面，距端面 10 mm，配合 M6 圆柱头螺栓使用	框架长边
2	2040	黑色阳极氧化	190 mm	2	两端各 2 个中心孔（Ø5 底孔）攻丝 M6×1-6H，深 12 mm	框架短边
3	1020	—	185 mm	1	仅下料	龙门架横梁
4	1020	—	230 mm	2	2×Ø5.5 通孔，垂直槽面钻穿，位于截面中心，距两端 10 mm	手机托架横梁

合计 7 根

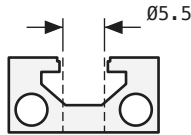
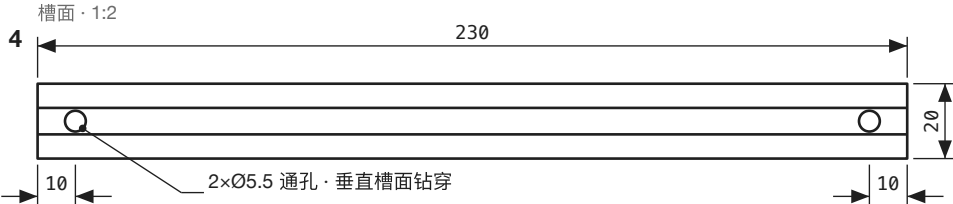
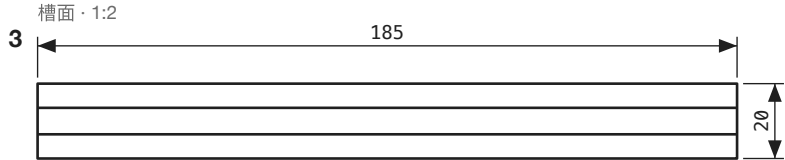
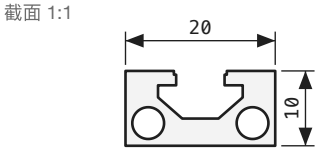
2040 · 40 × 20



2×M6×1-6H 攻丝，深 12
两端相同
底孔为型材 Ø5 中心孔

端面 · 1:1

1020 · 20 × 10



端面 · 1:1

技术要求

- 未注公差按 GB/T 1804-m。
- 切口平整垂直，全部去毛刺。