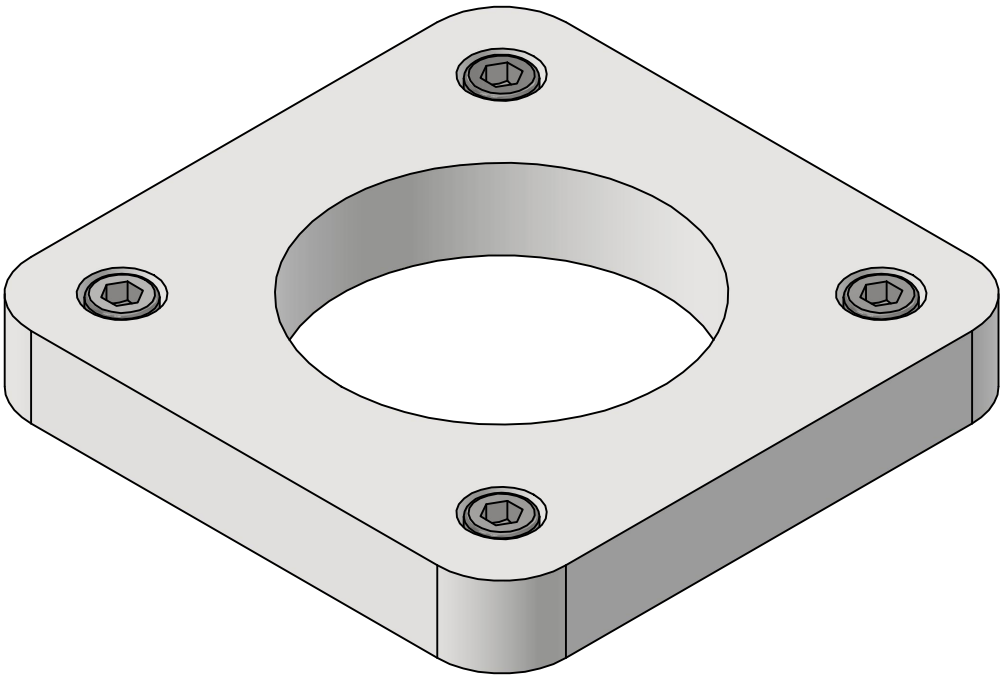


Machine: Raptor X-SL CNC

Assignment:

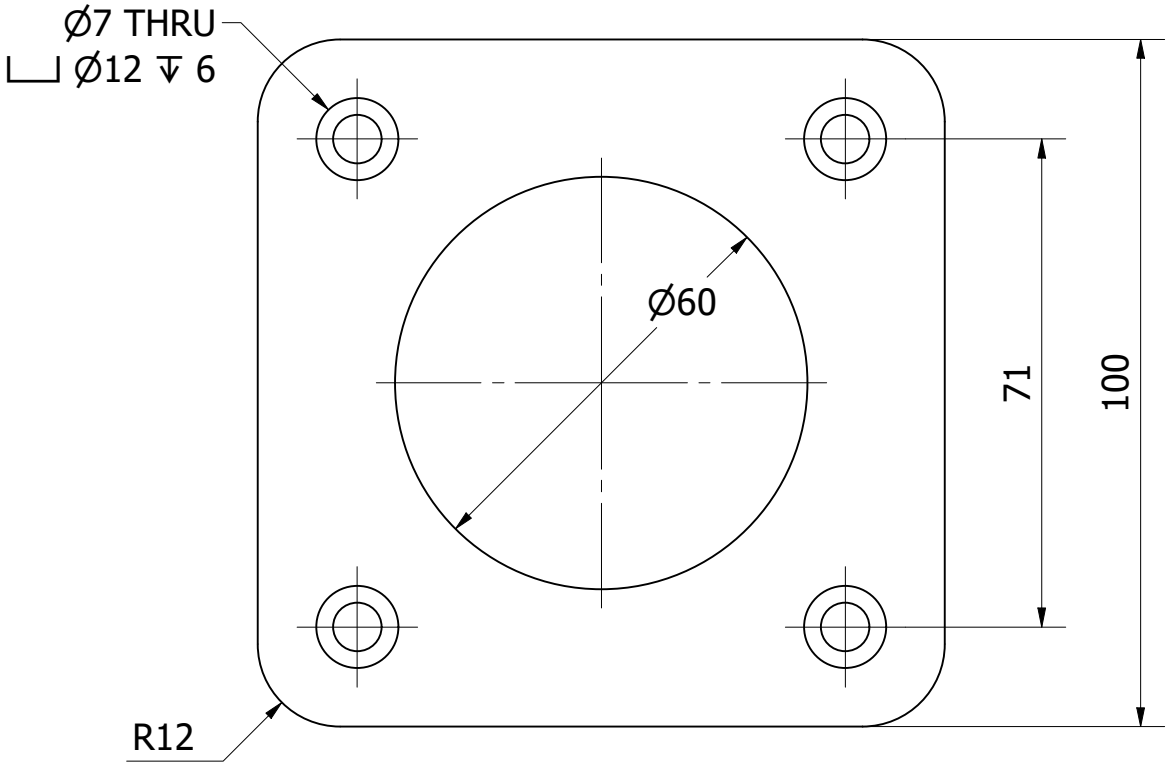
- -Create the part in CAD
- -Use CAM to program toolpaths for machine
- -Mill out shape out of stock
- -Match dimensions with reasonable accuracy
- -Remove any tabs and deburr edges

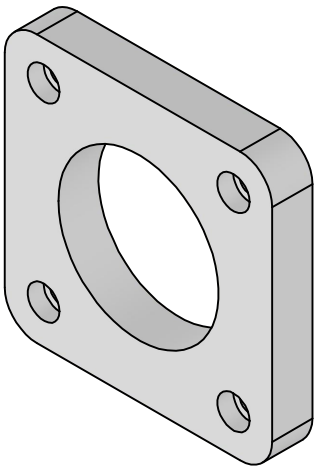
github.com/FabLab-Halmstad

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	MP1-001	Mounting plate
2	4	M6 x 16	Hex socket screw

Drawn by: Benjamin Solar	Date: 2024-11-16	WEDU	All units in metric General Tolerance: ISO 2768-1M Sharp corners broken ISO unless otherwise spec.
FABLAB WORKSHOP	Mounting plate		

Part	Stock	Scale	Rev: 3	Sheet
MP1	-	1 : 1		1 / 1





Drawn by: Benjamin Solar	Date: 2024-11-16	WEDU	All units in metric General Tolerance: ISO 2768-1M Sharp corners broken ISO unless otherwise spec.
FABLAB WORKSHOP	Mount plate base		
	Part: MP1-001	Stock: Plywood 15 mm	Scale: 10:11 / Rev: 3 / Sheet: 1 / 1

FABLAB
WORKSHOP

Job name:	WEDU	Program No. :	MP1-001_CAM1	Machining time
Date created:	5-011-2024	Comment:	OP1	7m:12s

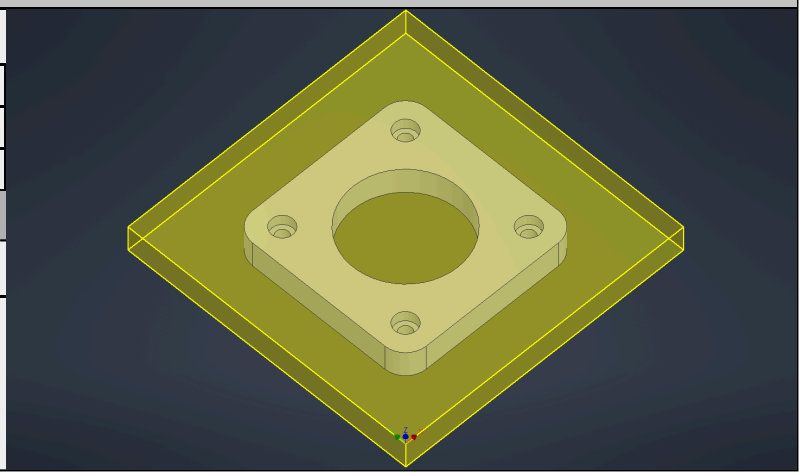
SETUP

STOCK	PART
X: 160.00	X: 100.00
Y: 160.00	Y: 100.00
Z: 15.00	Z: 15.00

G54

SETUP NOTES

All units are metric.



TOOLS

Type	T	H	DIA	NoF	Desc.	CMT	BL	Shaft	Vendor	ID
flat end mill	T1	H1	Ø10	2	2F Dual Ply cutter	Plywood	47.8	Ø10	Onsrud	60-155MC
flat end mill	T2	H2	Ø5	1	1F Upward Spiral	N1.1 Hard Plastic	25	Ø6	LMT Belin	13050B