The following grid can be used to design **DUPLO compatible plates**. It shows the basic 16mm grid with nobs (diameter 9.6mm) and build areas of several 3D printers and the smallest size of Ponoko and related 2D cutting services.

— MakerBot Replicater: 145×225mm											
- Ultir	naker: 21	$0{ imes}210{ m mm}$									
	indisci. 21	0.21011111									
Ponc	oko P1 (cı	utting ser	vice): 181	×181 mm							
— Make	erGear M	osaic: 127	7×127mm			0				0	
Mak	er Gear Wi	osaic. 127	×12/IIIII								
	1 1	ing-O-Mat pcake CN	: : :								
	0										

Markble track dimensions: The bars should not be tight, so I choose make them 12 mm diameter (including an expected 0.25 mm laser cutter width. Marble holes are 16 mm diameter and marble tracks 12 mm, so marbles should have diameter between 13 and 15 mm.

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