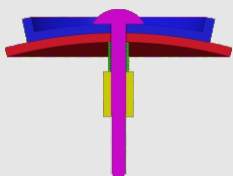
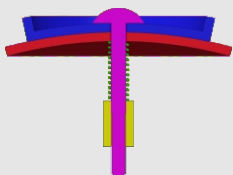
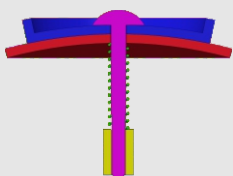


How to tighten the screws

Find your model in the table

Assembly section	Tightness	Models
	tight (no spring)	#61,#75
	tight (spring in green) (Short screw is recommended)	#72,#73,#77,#87,#88 #89
	medium (spring in green)	#94,#93,#90,#86,#85 #83,#82,#81,#80,#79 #78,#76,#71,#70,#69 #68,#67,#66,#65,#64 #63,#62,#60,#59
	loose (spring in green)	Mostly applicable to 'medium' category. Not recommended in general.

1. Tighter is usually better since the spring we provide is soft.
2. Early products had been using longer screws. You can either insert thick washer when necessary or request for short screws in the <Accessory & free parts> directory at our homepage:
<https://www.verypuzzle.com>

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2024/04

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Icosahedron Chaotic

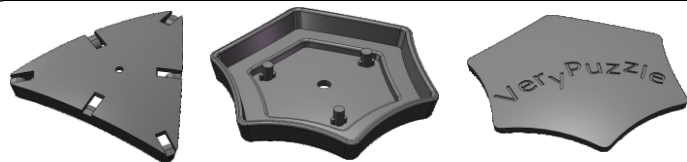
I3-E1

#67

700+ parts
20 axes



1



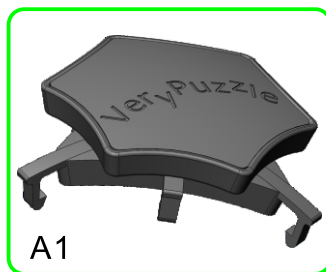
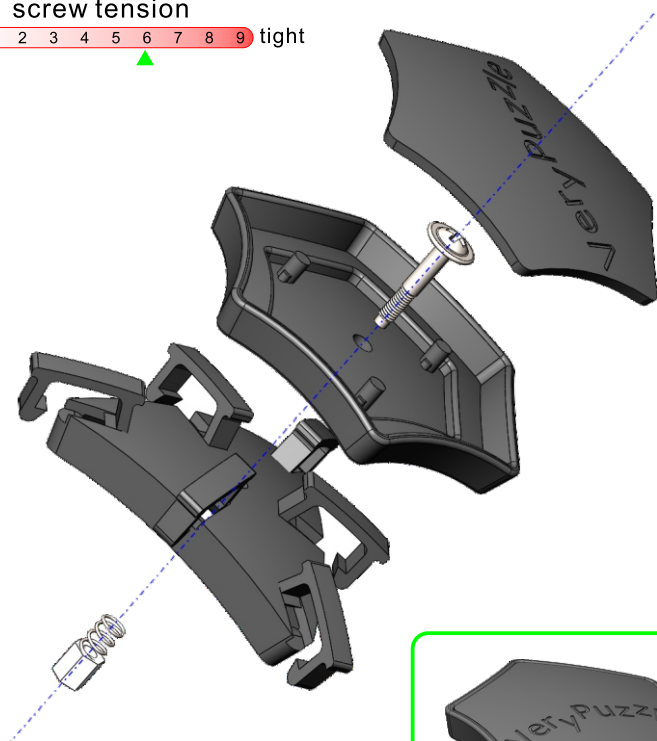
180012
20X

190371
20X

190361
20X

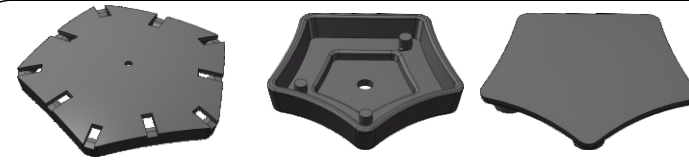
120x 20x 20x 20x

screw tension
no tension 0 1 2 3 4 5 6 7 8 9 tight



A1
20x

2



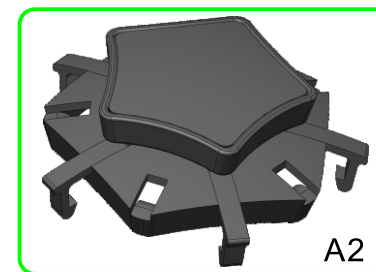
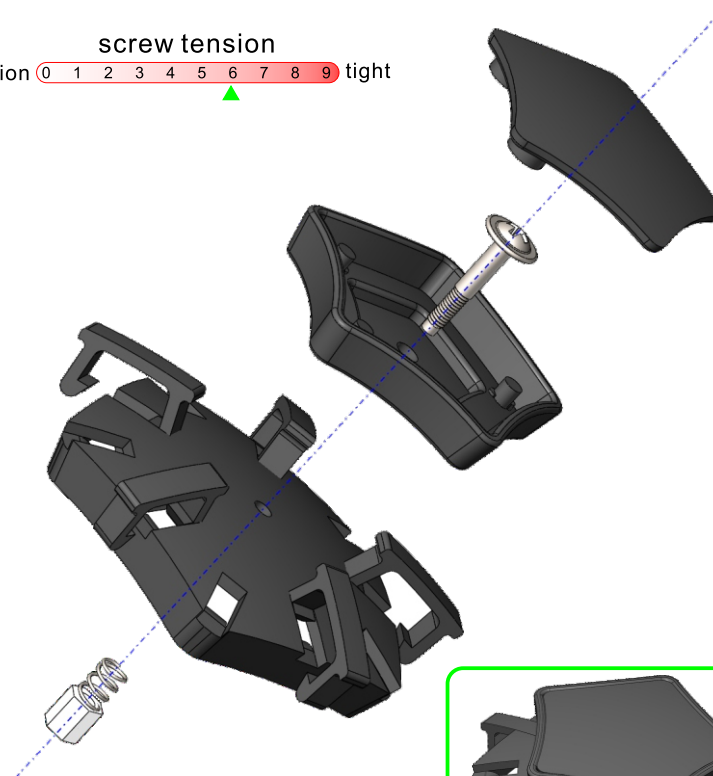
180011
12X

190341
12X

190342
12X

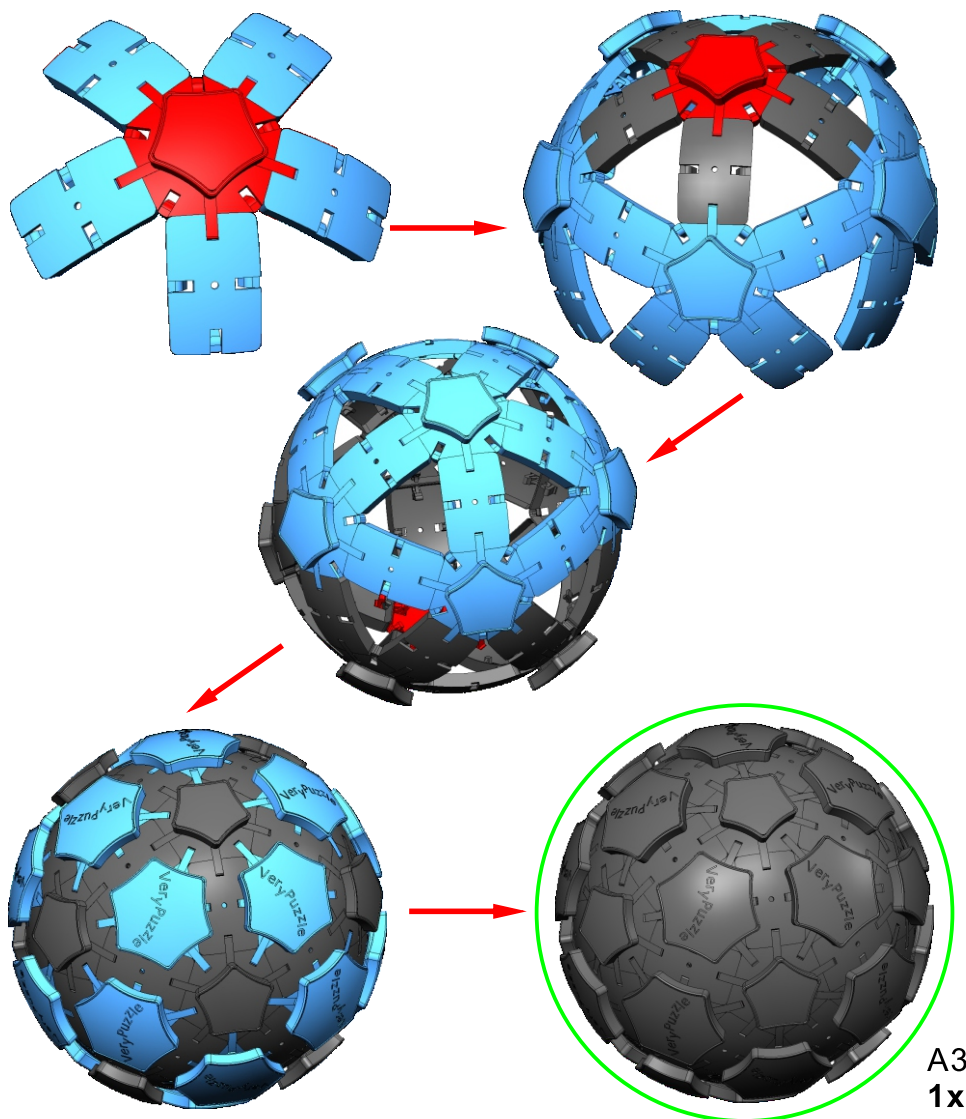
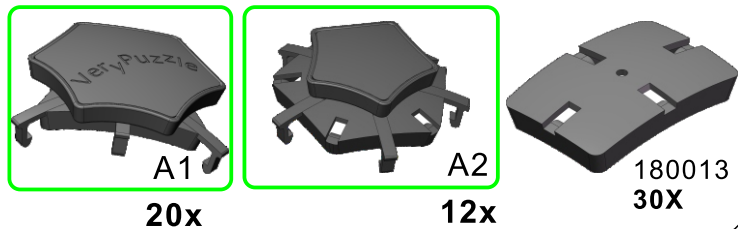
60x 12x 12x 12x

screw tension
no tension 0 1 2 3 4 5 6 7 8 9 tight

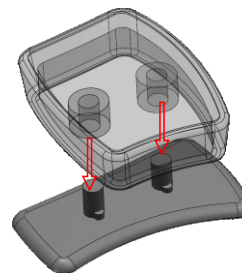


A2
12x

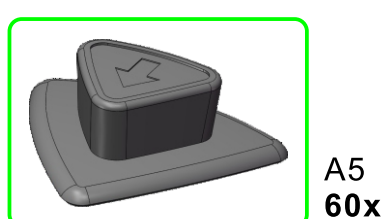
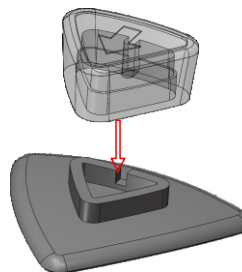
3



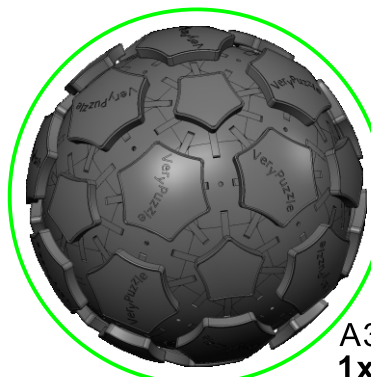
4



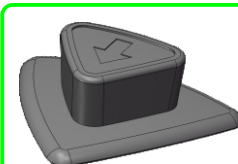
5



6



A3 1x



7

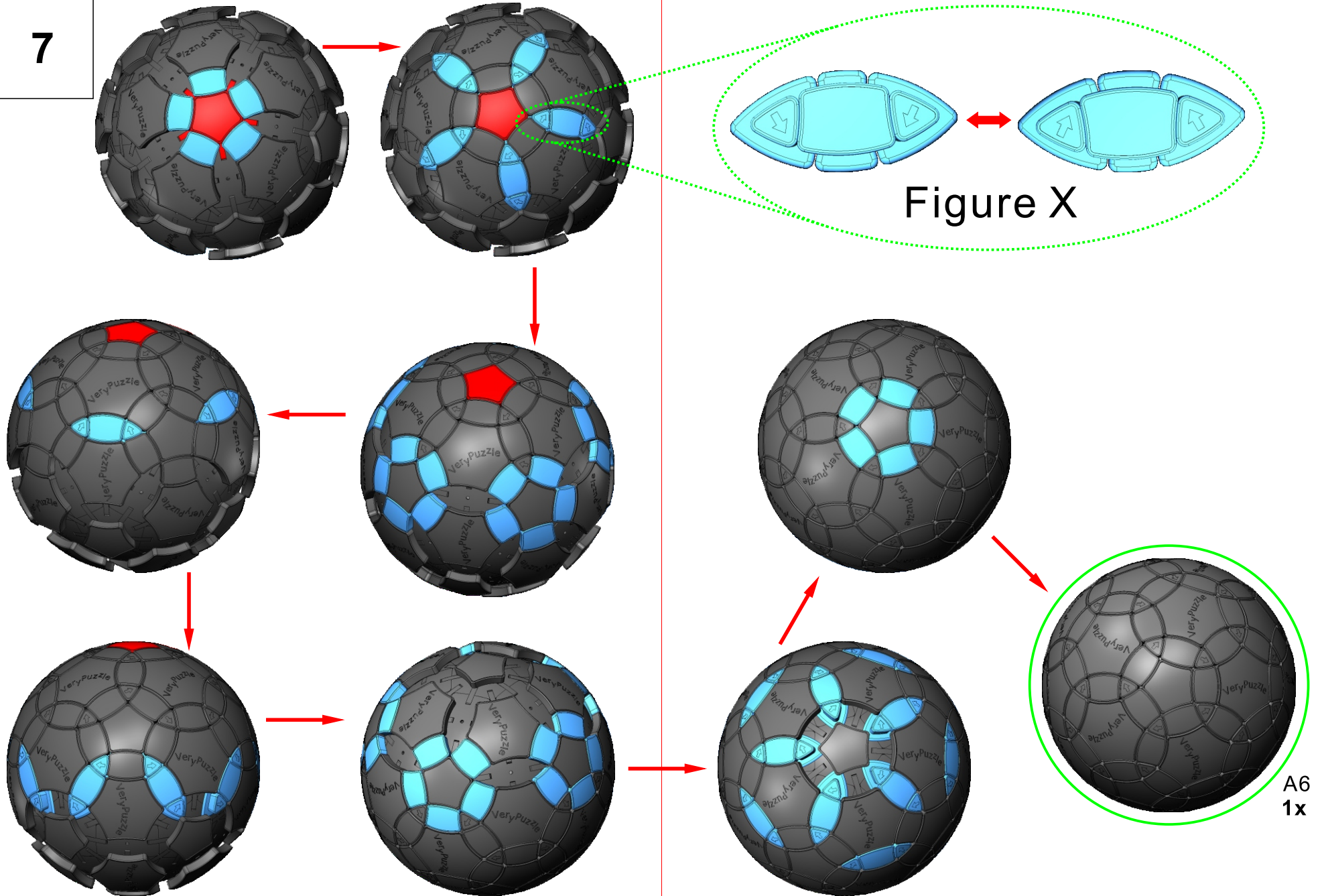
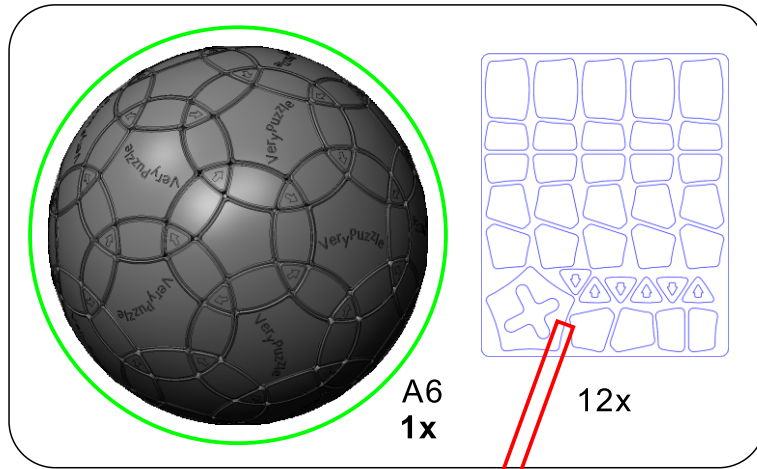


Figure X

A6
1x

8



Clean part surface
before applying stickers



9

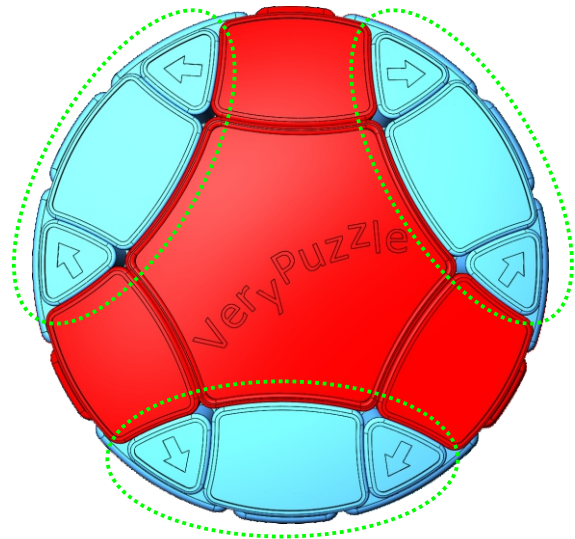
Rotation Rules



6-fold symmetry.
A hexagonal face can turn $60^\circ \cdot n$ degrees, if and only if the edge patterns meet conditions below.

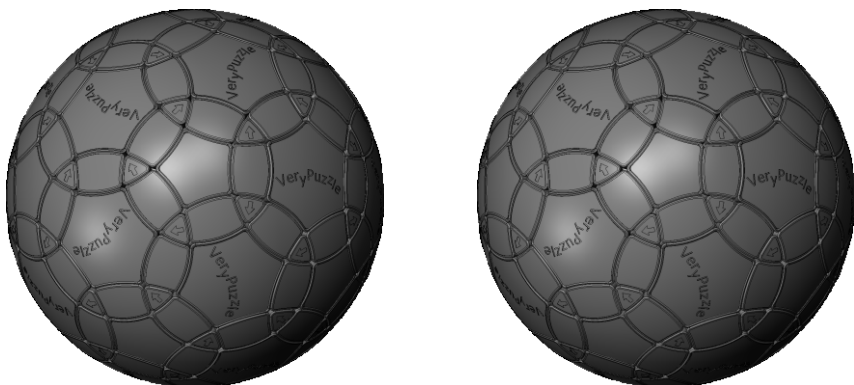
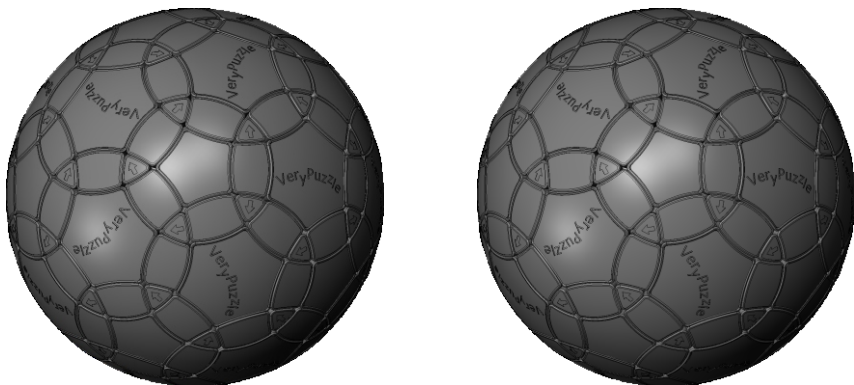
Pentagonal faces are not supposed to rotate.

No fudging moves allowed.



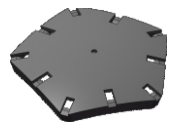
1. Ref. Figure X for two possible configurations of blue parts.
2. It doesn't matter how hexagonal center part is oriented.
3. Provided all parts are correctly assembled. A flipped red edge in the above setting will result in an illegal assembly.

Notations and Algorithms



Product Information Card

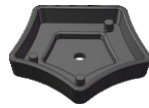
Product Name	Icosahedron Chaotic
Model NO.	#67
Design	VeryPuzzle Co., Ltd(HK)
Manufacturer	VeryPuzzle Co., Ltd(HK)
Year of release	2019
Maximum diameter	145 mm
Visible moving parts	182 pcs
Coloring strategy	dual of Voronoi
Number of colors	12 colors
Sticker type	uniform matt
Sticker protection	Yes
Number of sticker pieces	312 pcs
Axis & Symmetry	I(C6)
Maximum parts shared between two axes	3 parts
In-core spring	Yes
Adjustable tension	No
Technical Name	I3-E1
Topological Print	I27
Core specification	DIRT130



180011
12X



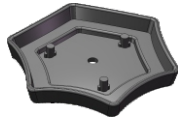
190361
20X



190341
12X



180013
30X



190371
20X



190342
12X



190351
90X



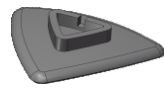
190352
60X



180012
20X



190353
90X



190354
60X



180X



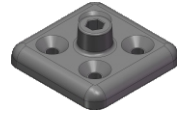
32X



32X



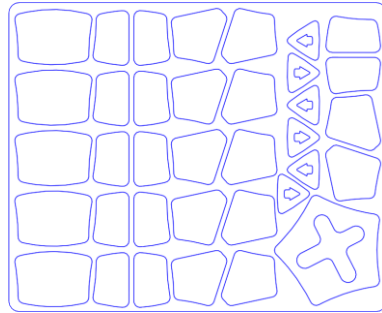
32X



200011
1X



190621
1X



12X

Customer Service

1. support@verypuzzle.com



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