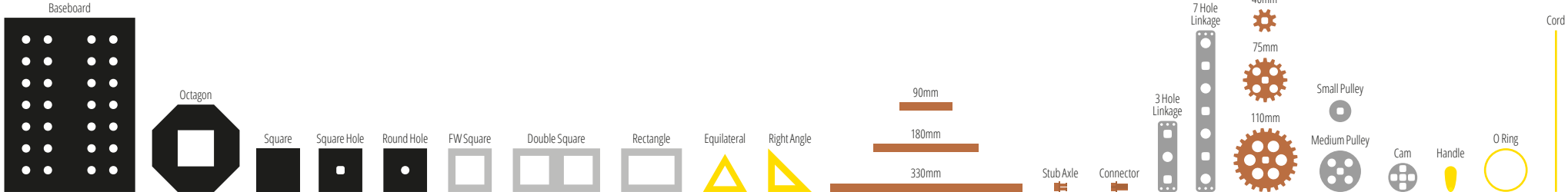


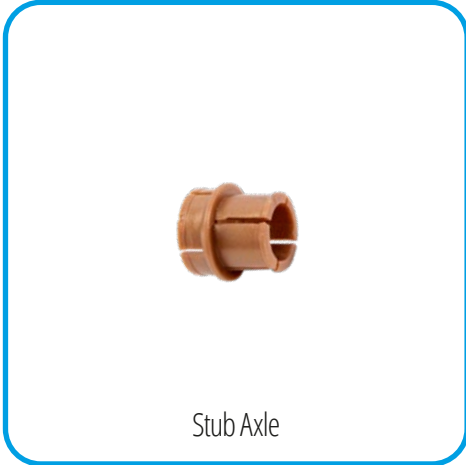
# Component Guide



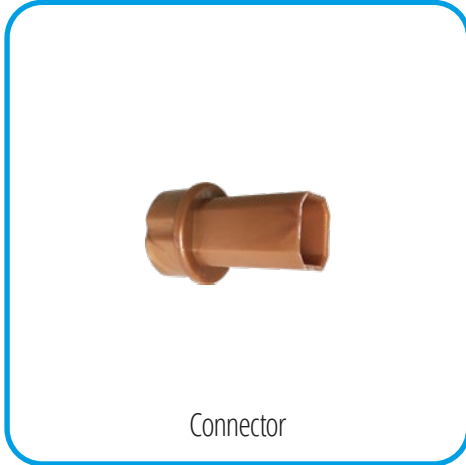
Square Hole



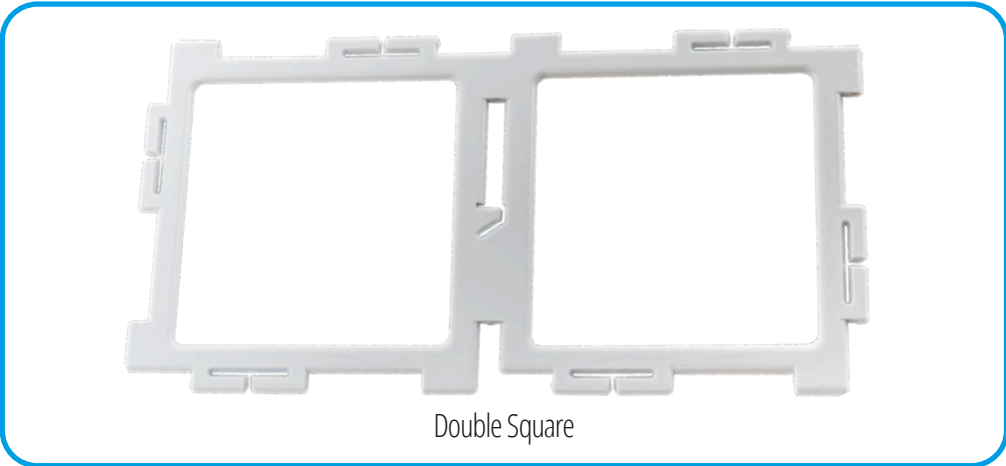
Round Hole



Stub Axle



Connector



Double Square



Medium Pulley



Cam

# Cable Car

ORIGINAL  
POLYDRON

1



1

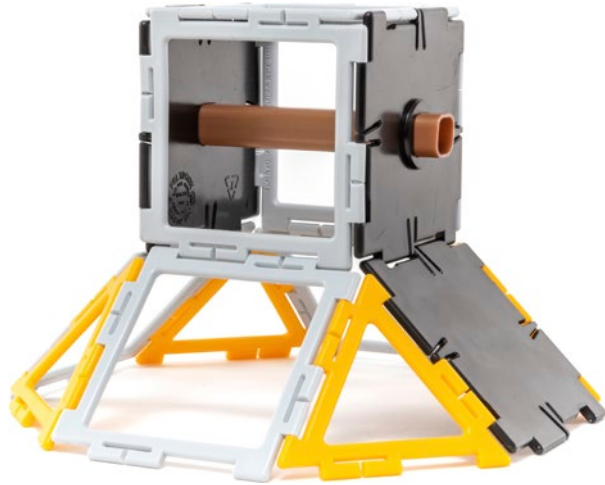


4



5

2



4



6



1

Square Hole



2

90mm

1

3



2

Medium Pulley



2

Connector

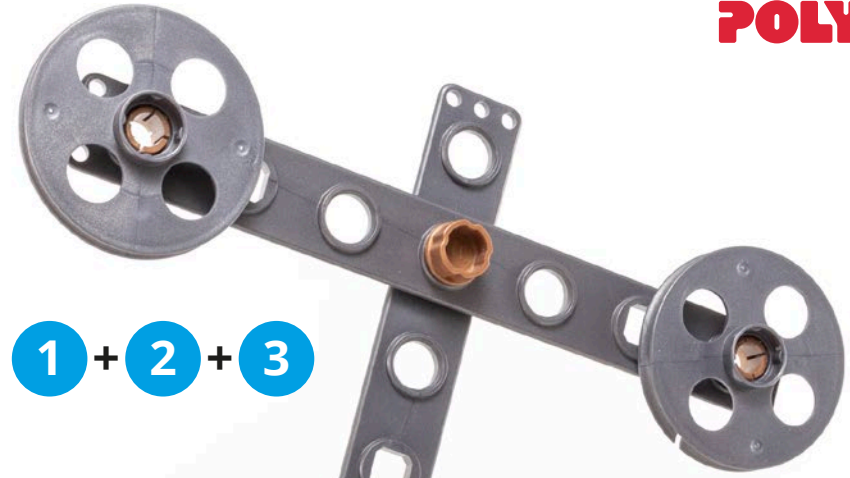


1

Stub Axle



2



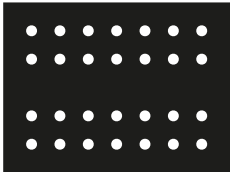
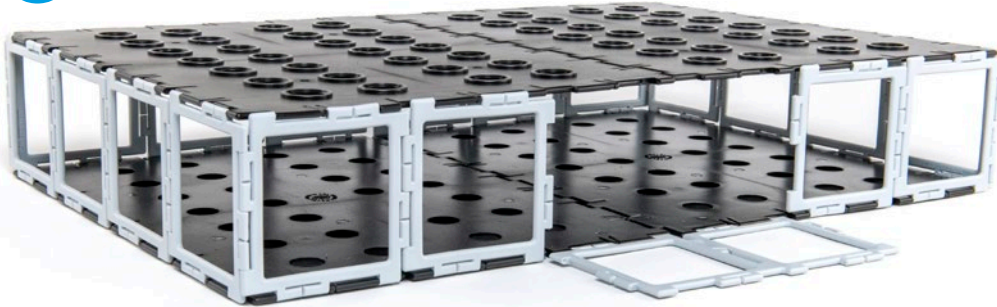
1 + 2 + 3



# Big Gear Toy 1

**ORIGINAL  
POLYDRON**

1



4

Double Square

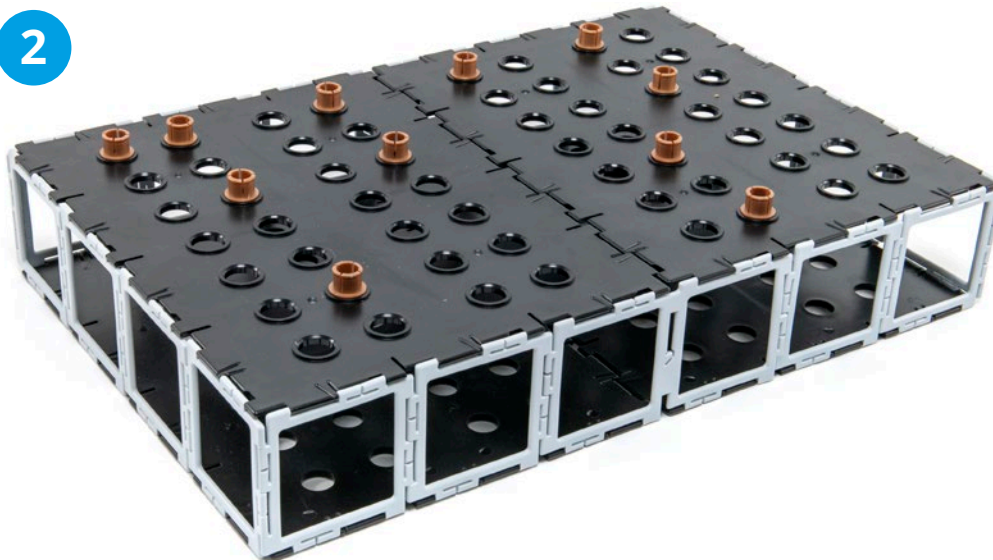


2



16

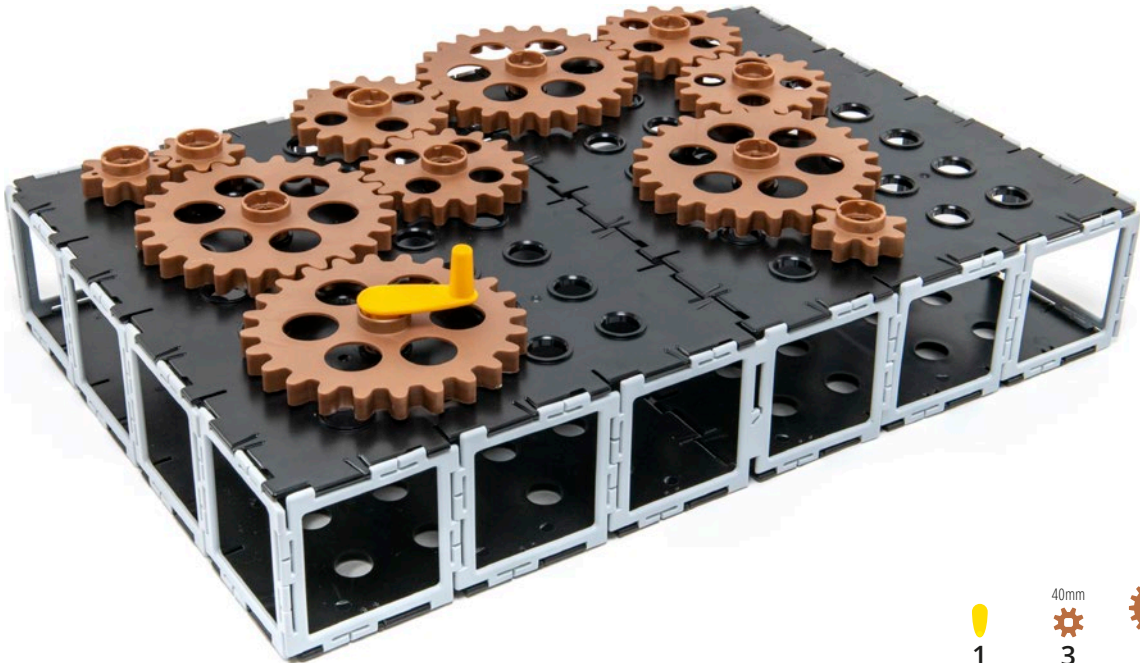
2



Stub Axle

11

3



1



3



4

75mm



4

110mm

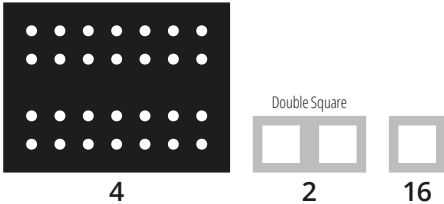
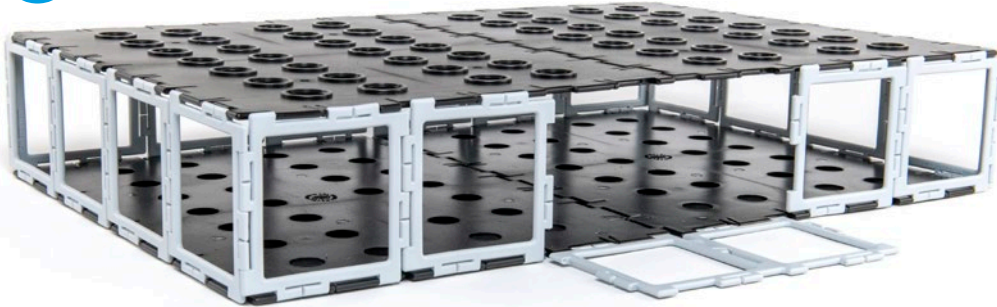


4

# Big Gear Toy 2

**ORIGINAL  
POLYDRON**

1

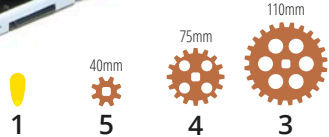


2

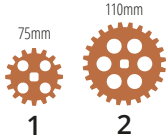


12

3

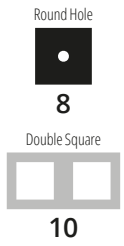


4



# Four Cylinder Engine

1



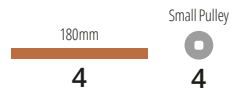
2



3



**ORIGINAL POLYDRON**



4



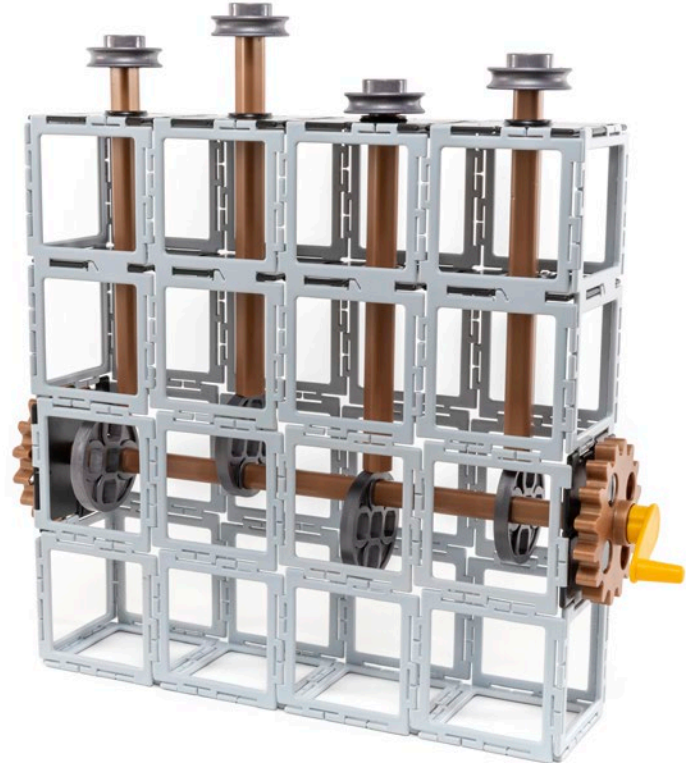
2

+

3

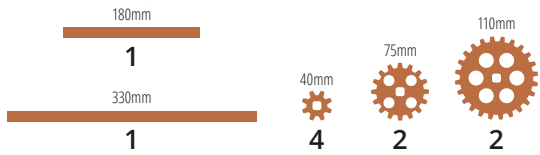
+

4

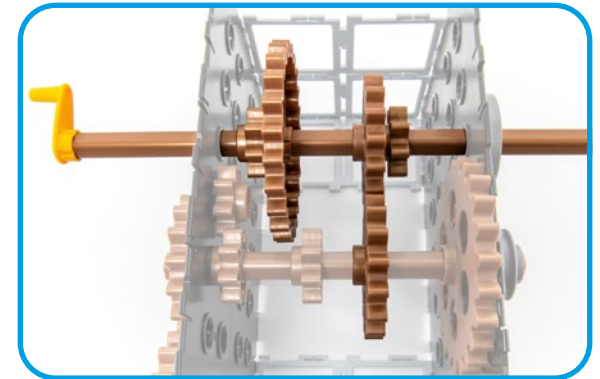
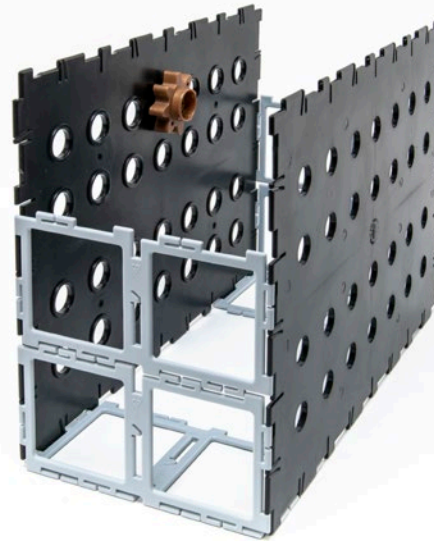
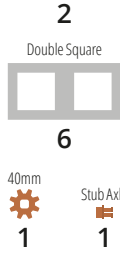
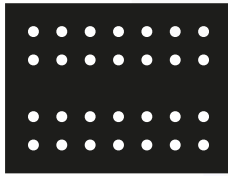


# Gearbox

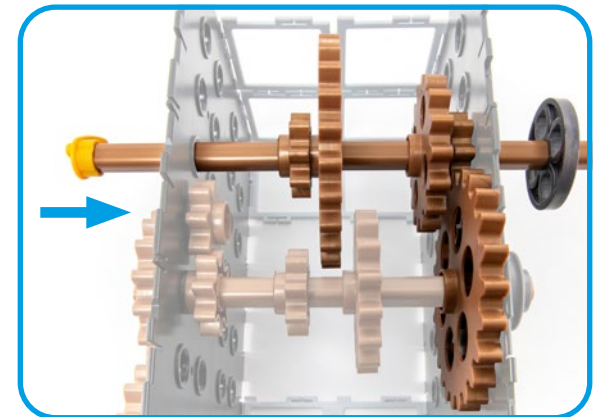
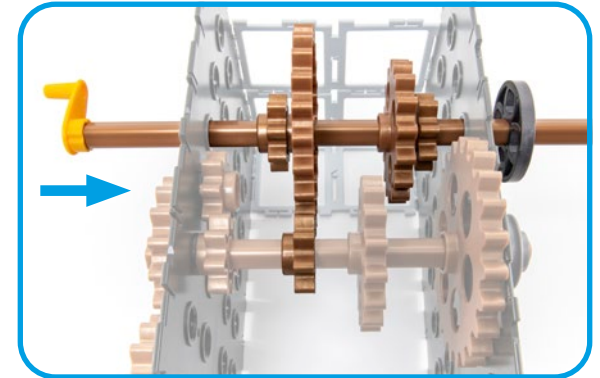
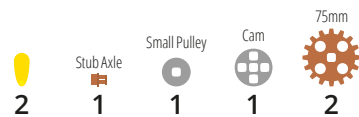
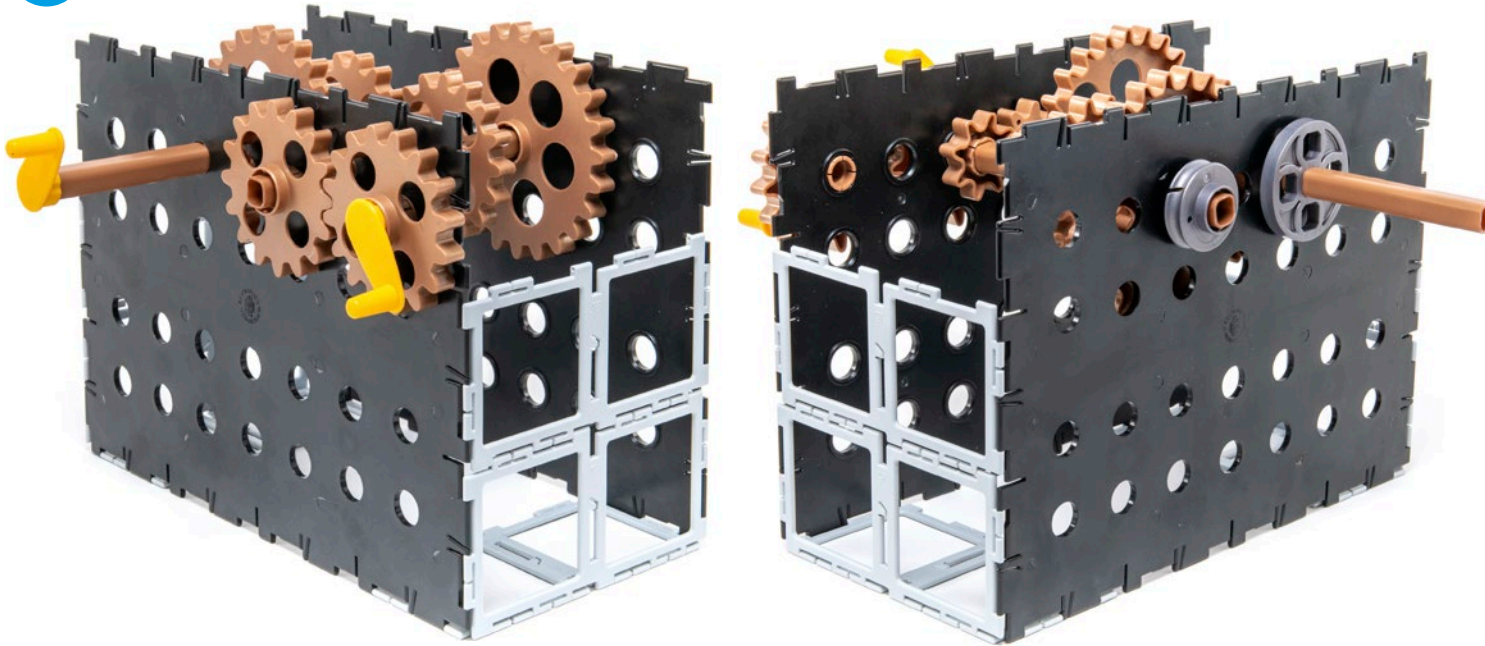
1



2

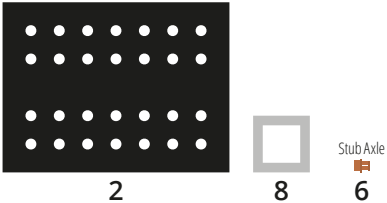
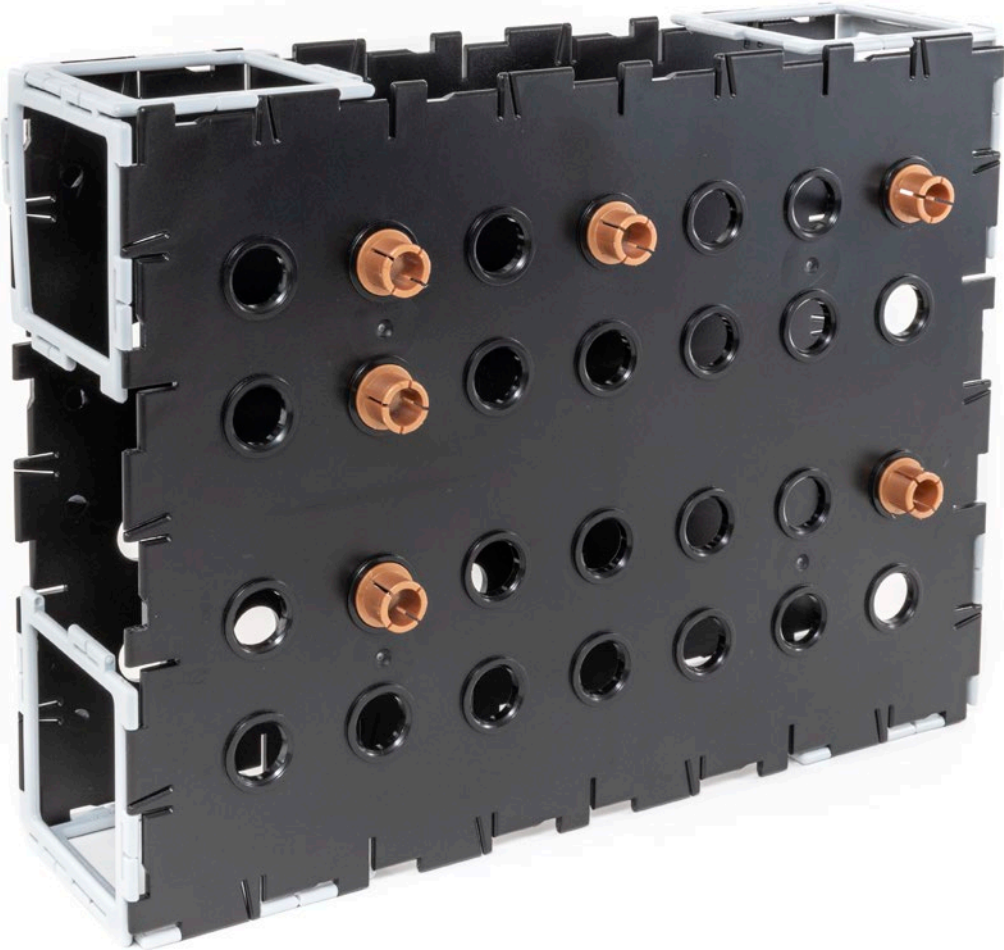


3

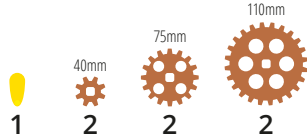
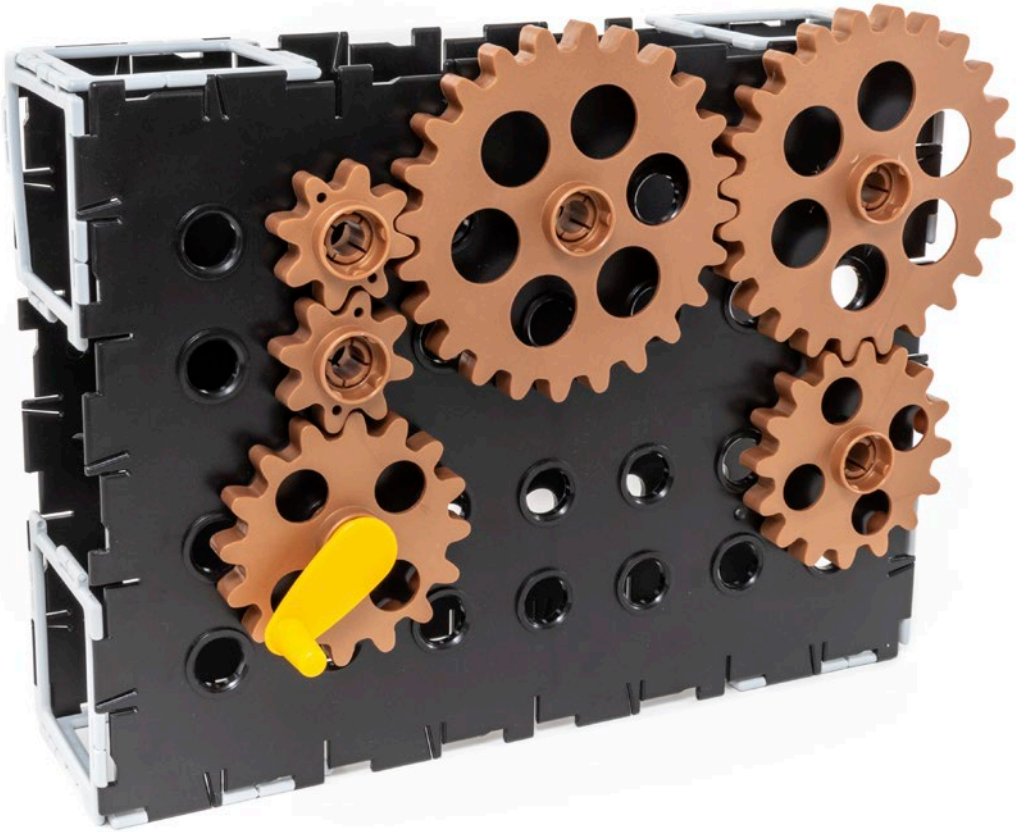


# Gear Toy 1

1

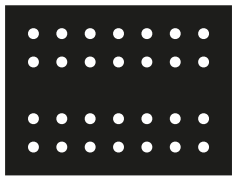
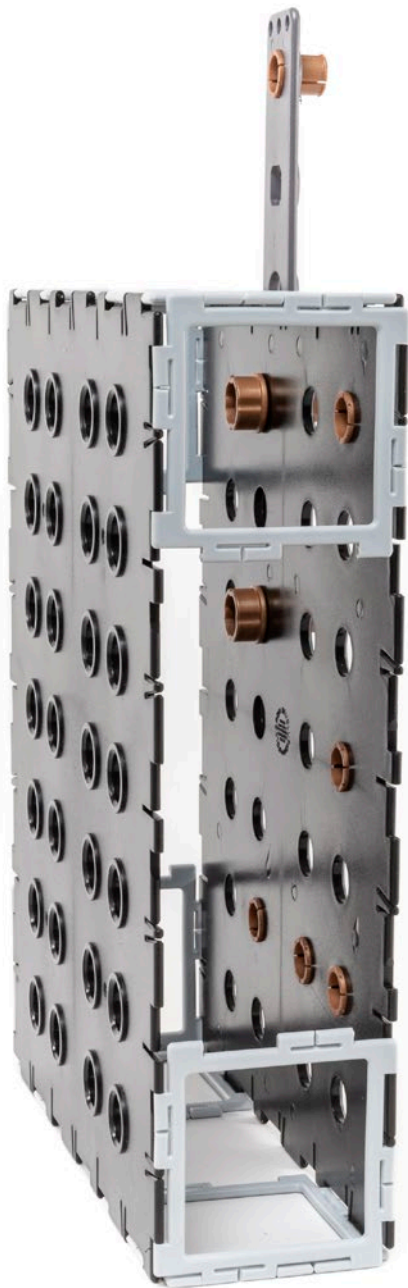


2



# Gear Toy 2

1



2



8

Stub Axle



6

Connector










2

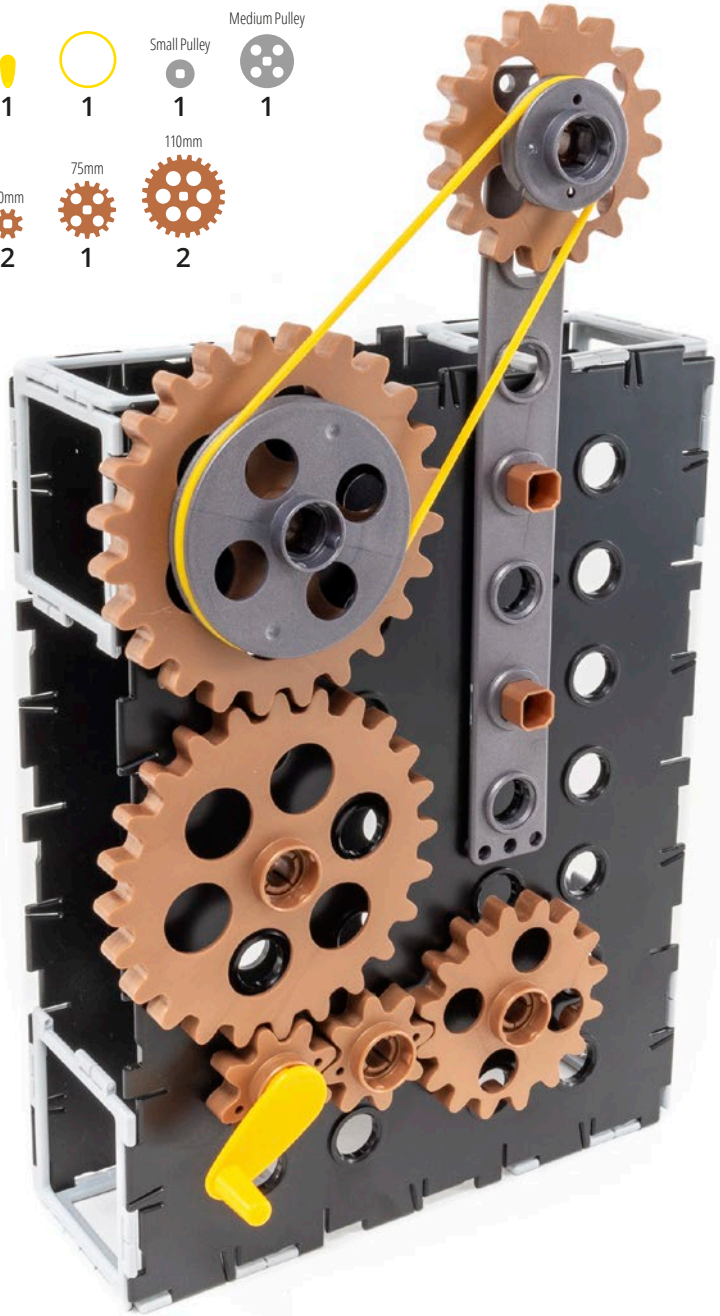


1

2

ORIGINAL POLYDRON

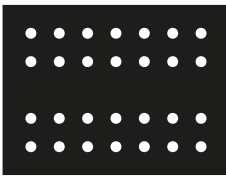
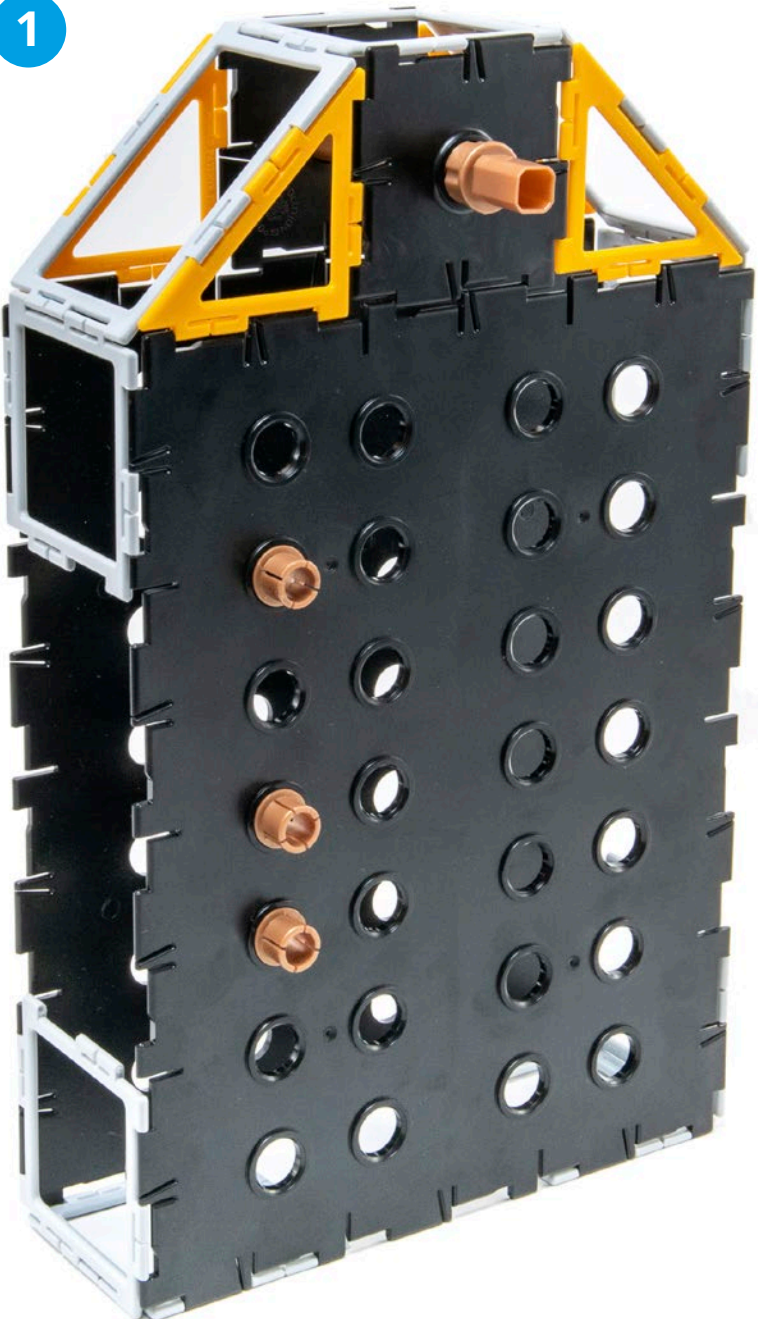
-  1
-  1
-  Small Pulley 1
-  Medium Pulley 1
-  40mm 2
-  75mm 1
-  110mm 2





# Chairspinner

1



2

Round Hole



2



7



4



2

Connector



2

90mm



1

Stub Axle



3

2



1



1

Medium Pulley



2



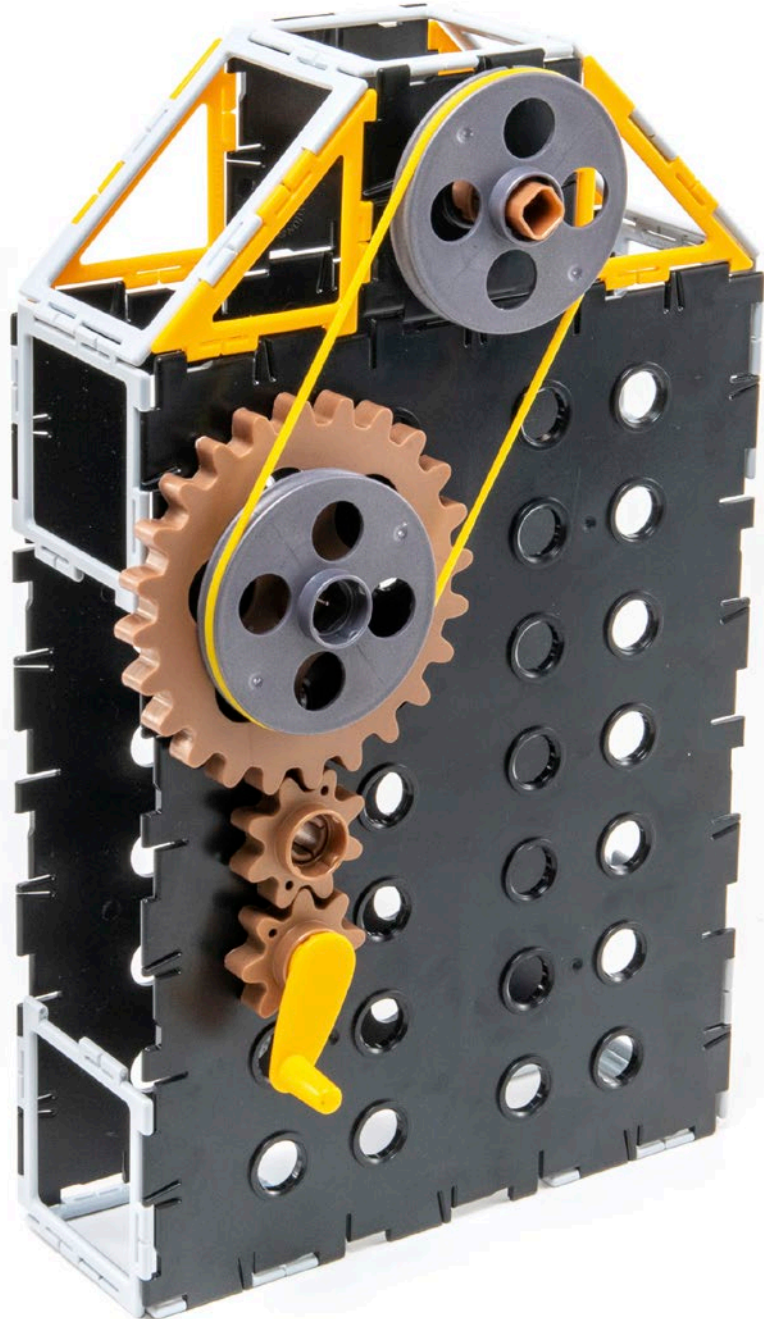
40mm



110mm



1



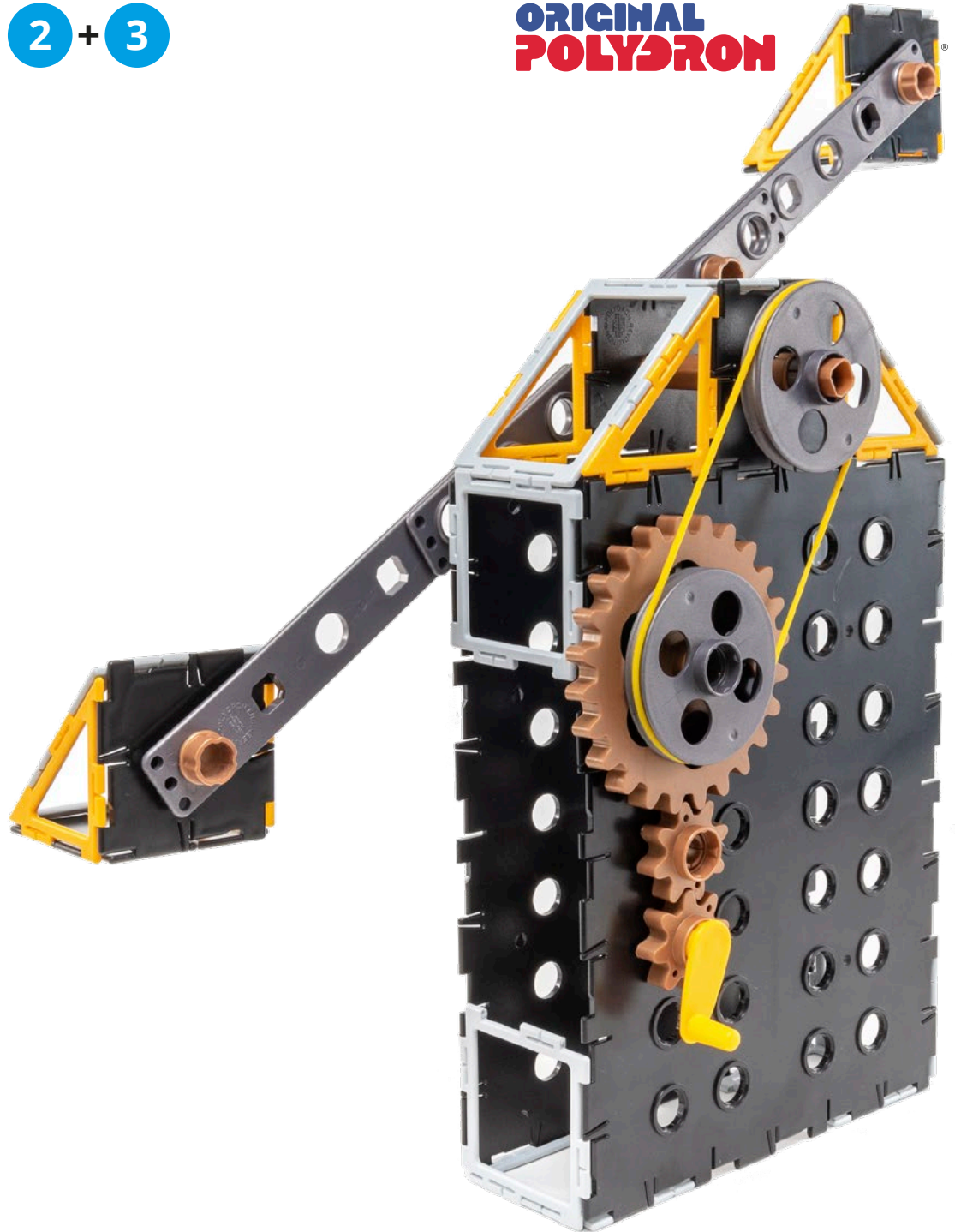
3



-   
2
-   
2
-  Square Hole  
2
-   
4
-   
3
-  Connector  
4

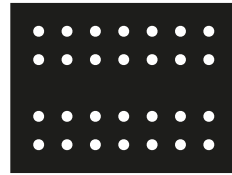


2 + 3



# Crane

1



2

Double Square



2



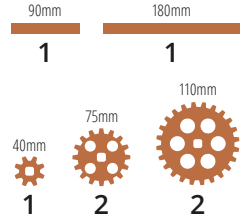
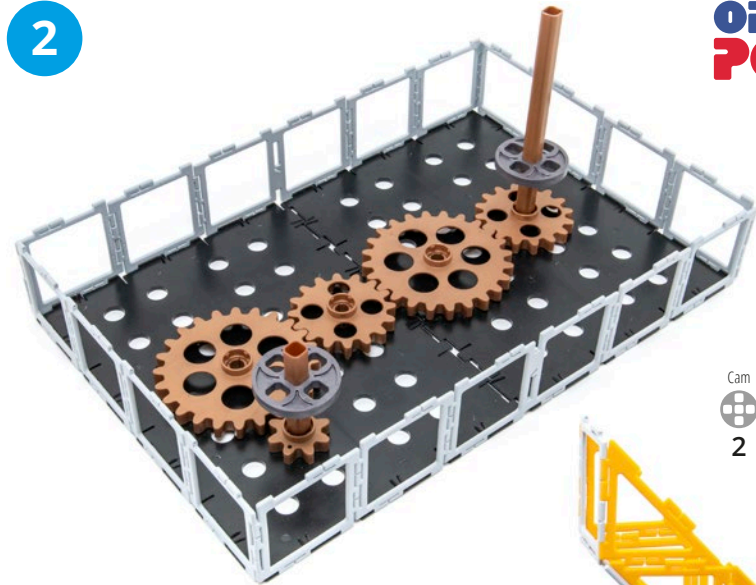
16

Stub Axle

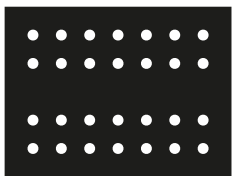


3

2



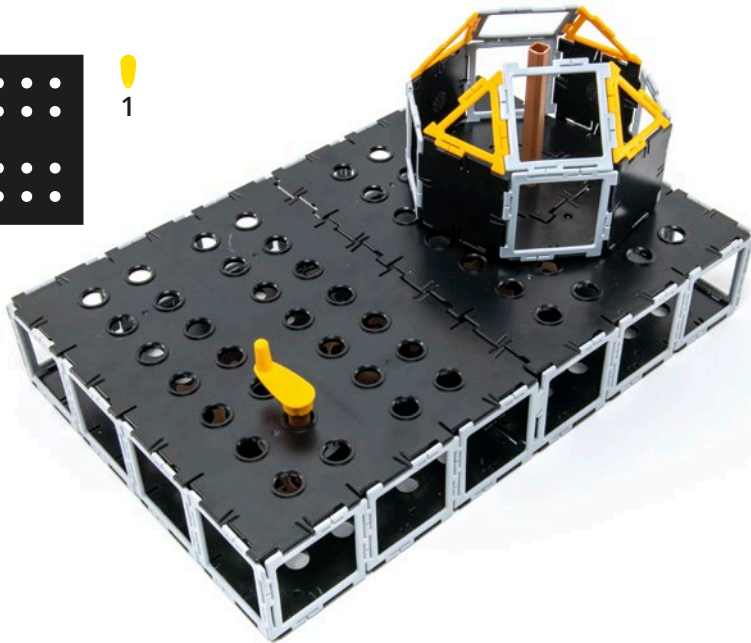
3



2



1



1

Square Hole



1



4



6



4

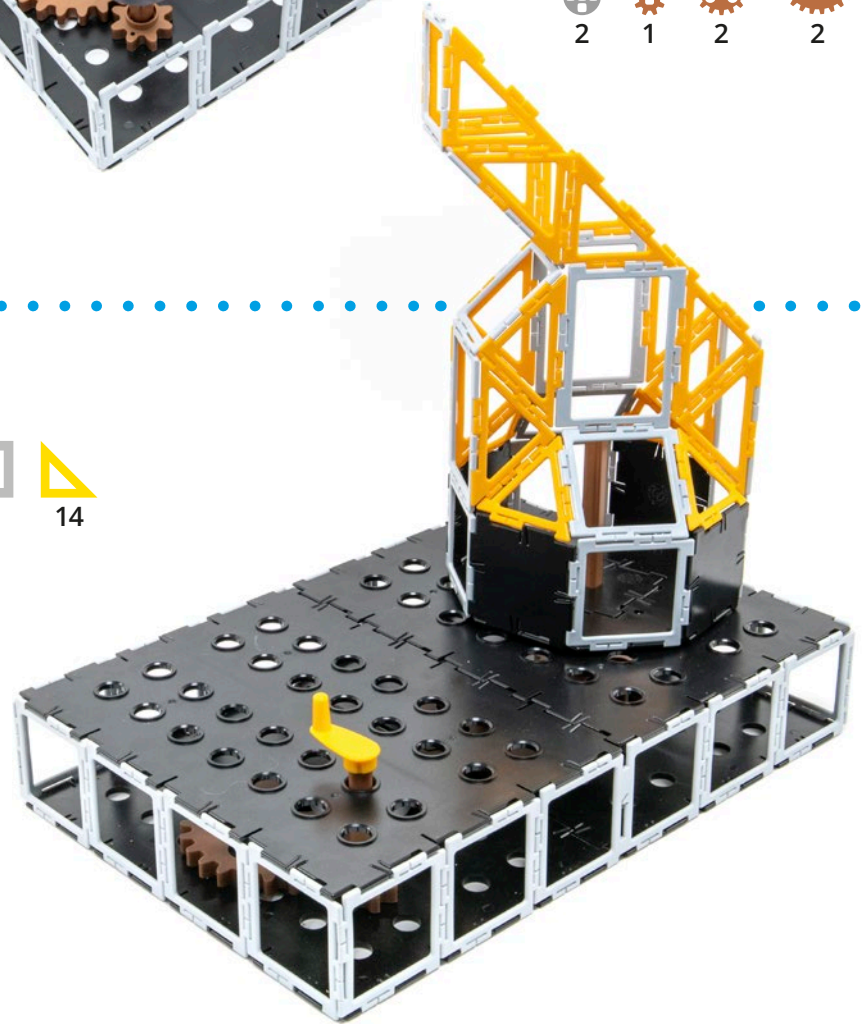
4



5





2

14

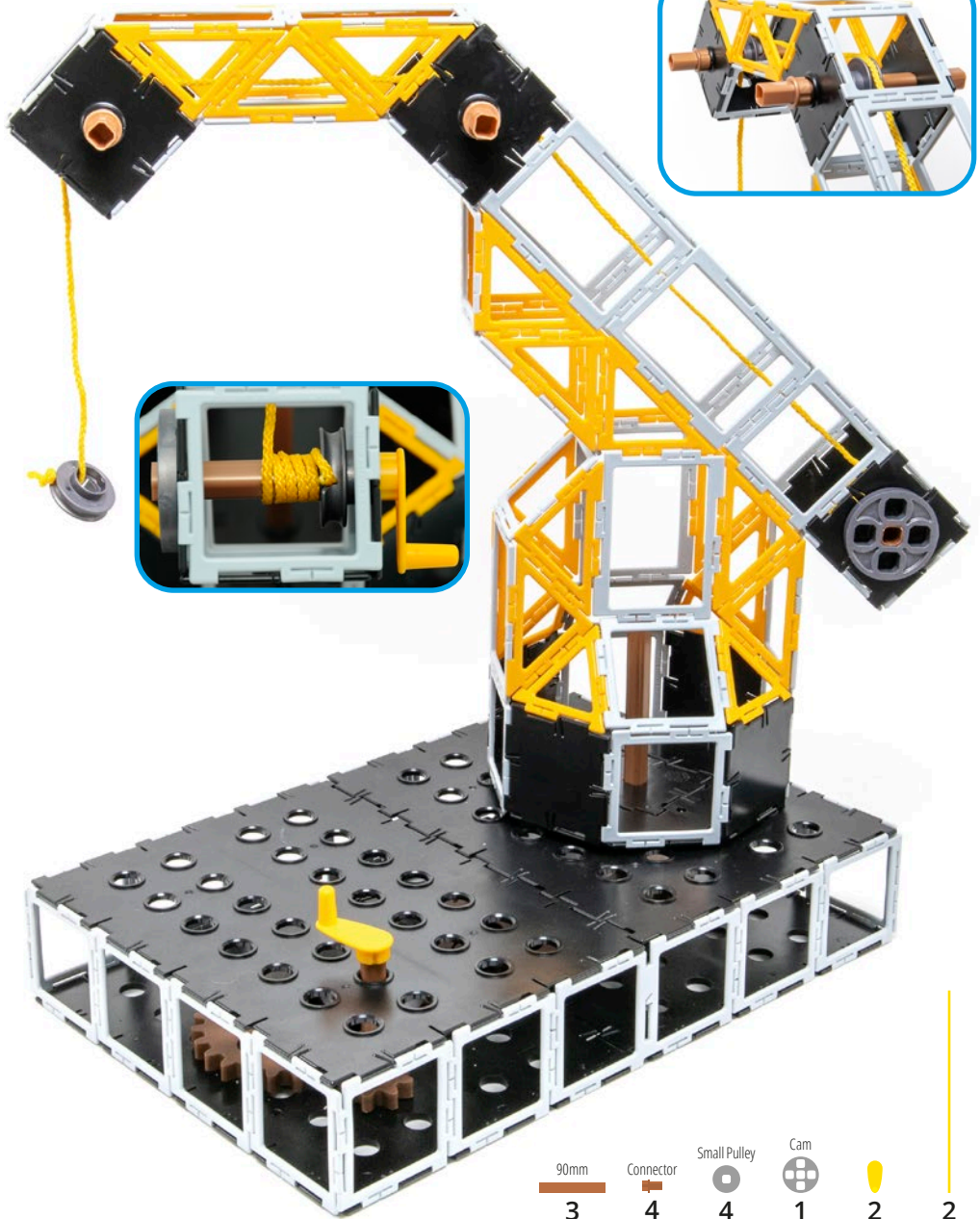


5









-  10
-  9
-  Round Hole 7
-  6

6



ORIGINAL  
POLYDRON

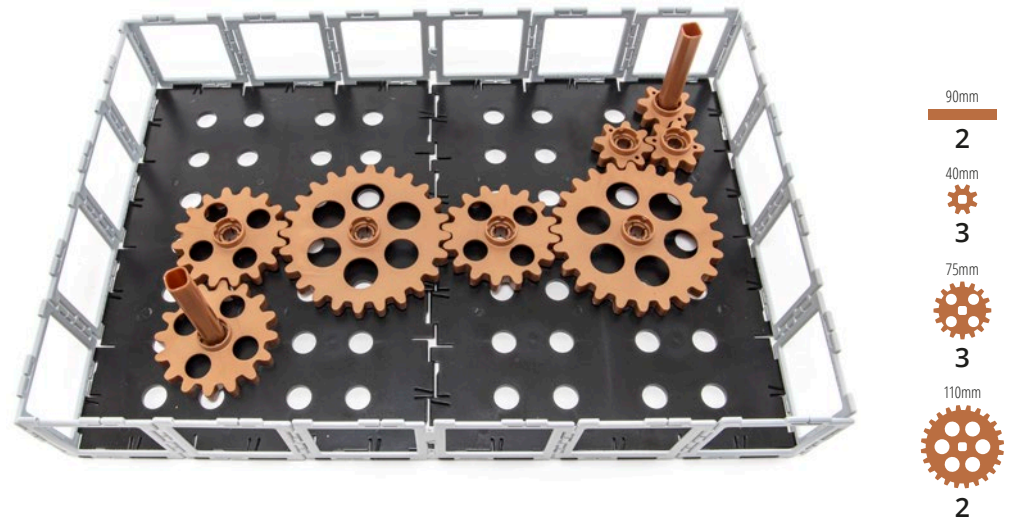
-  90mm 3
-  Connector 4
-  Small Pulley 4
-  Cam 1
-  2
-  2

# Gyro

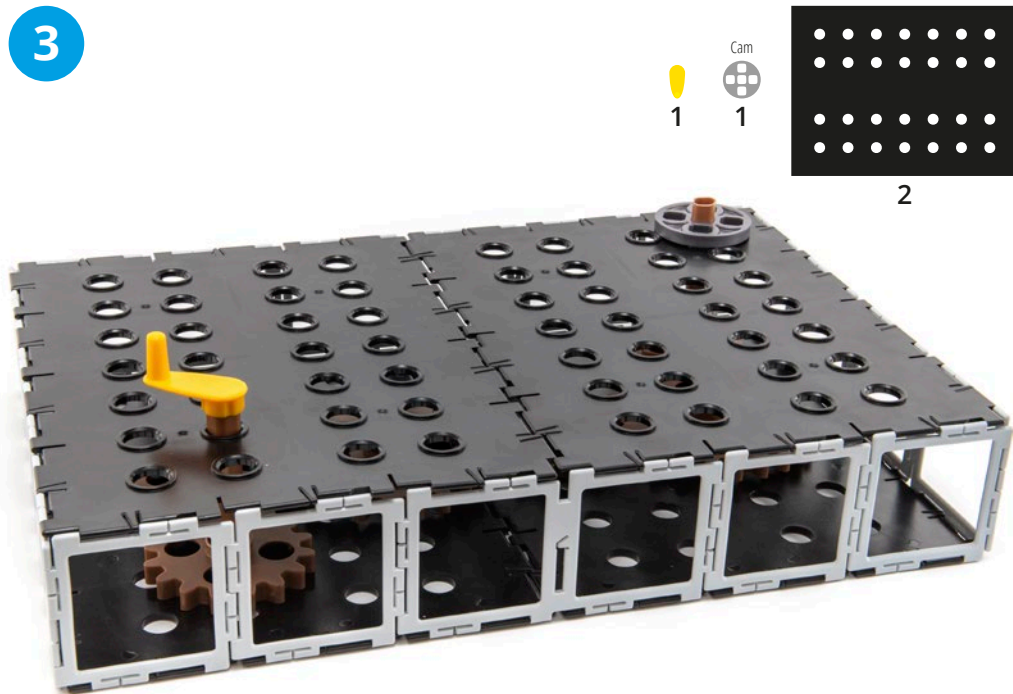
1



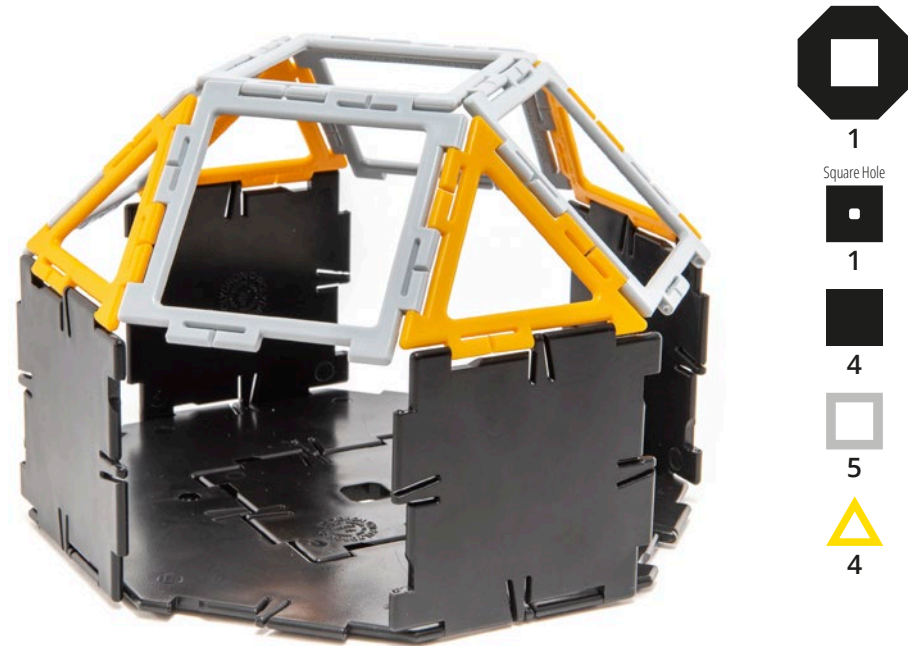
2



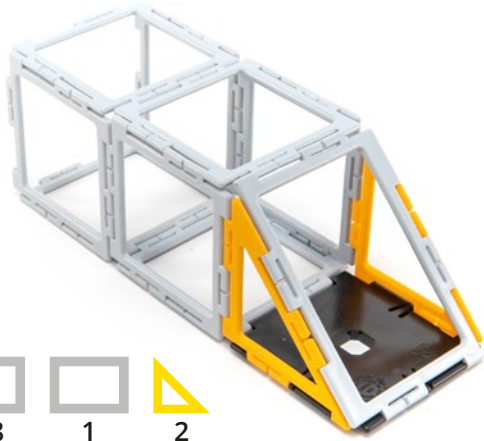
3



4



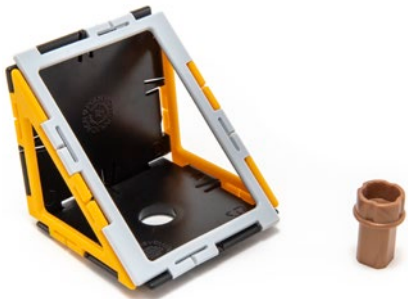
5



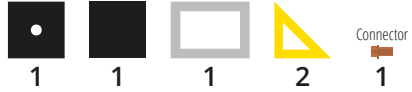
Square Hole



6



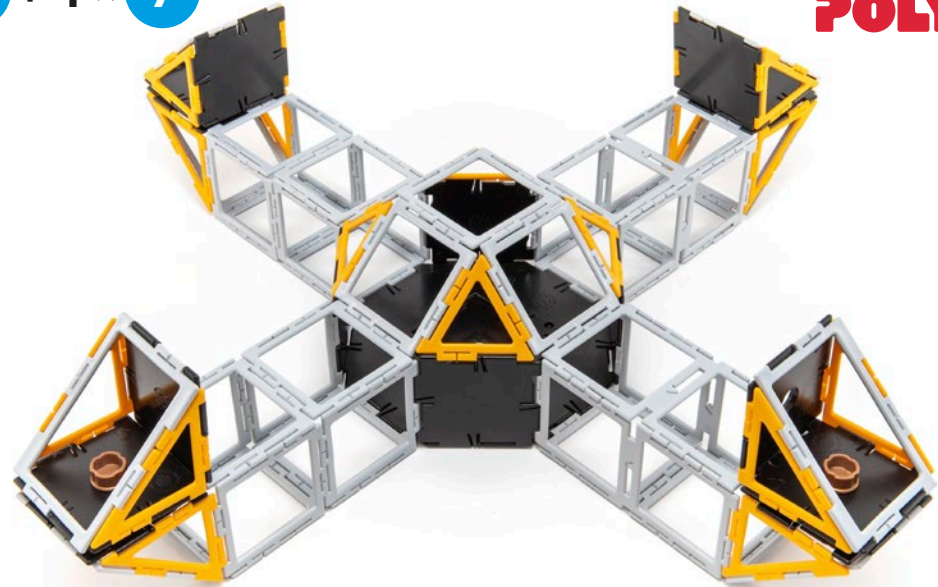
Round Hole



7 = 5 + 6



8 = 4 + 4 x 7



3 + 8



# V8 Engine

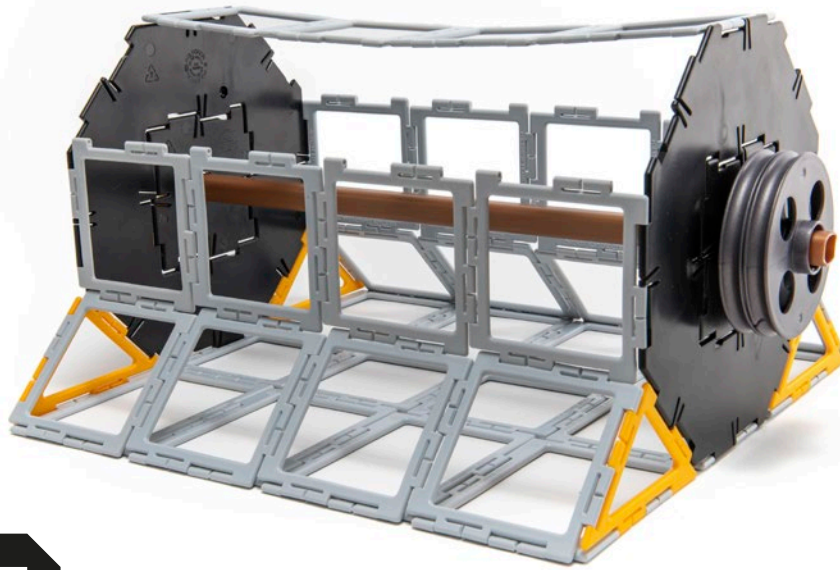
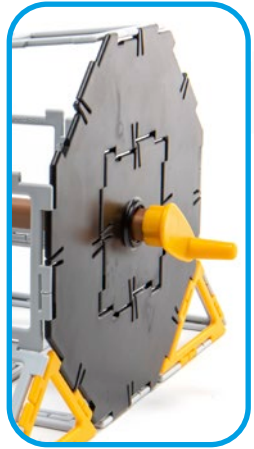
**ORIGINAL  
POLYDRON**

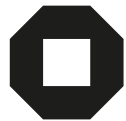




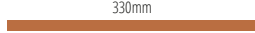

1



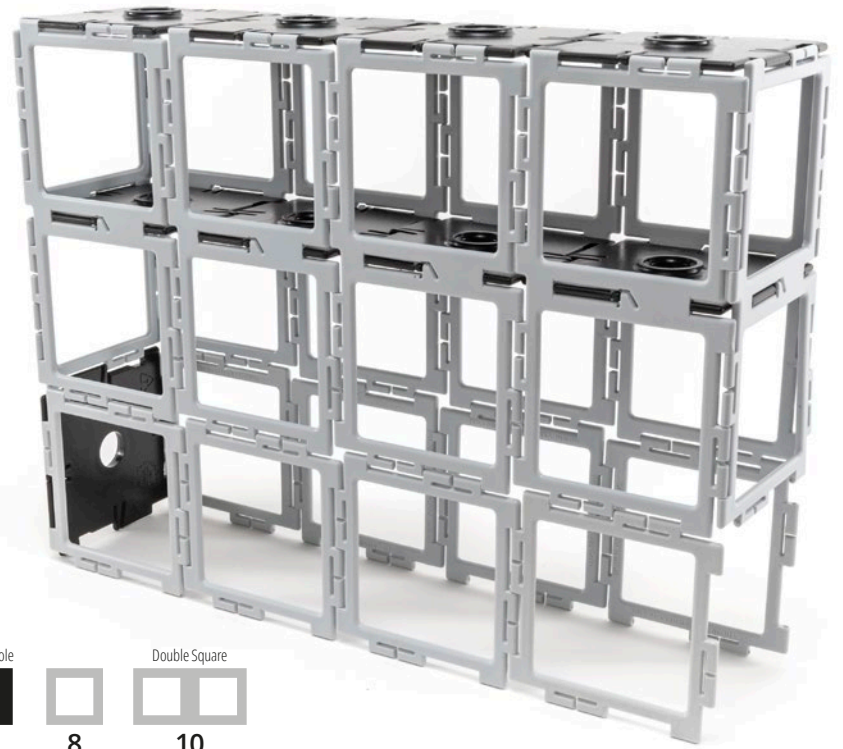
-  20
-  8
-  4

2



-  2
-  2
-  4
-  2
-  1
-  330mm
-  1










3



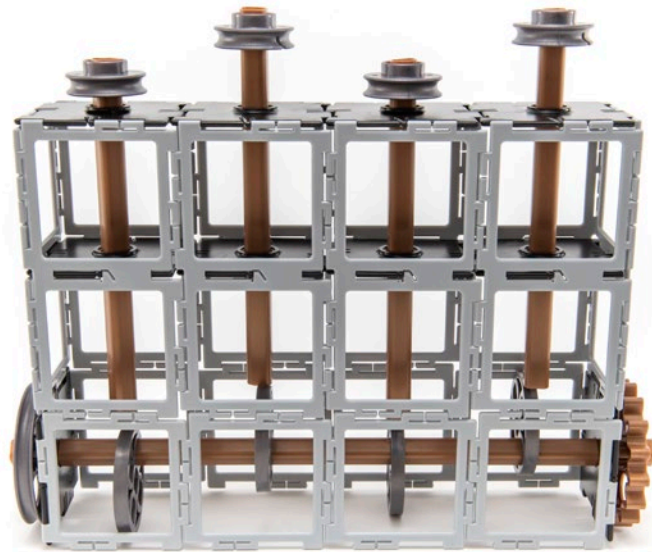
-  9
-  8
-  10

4

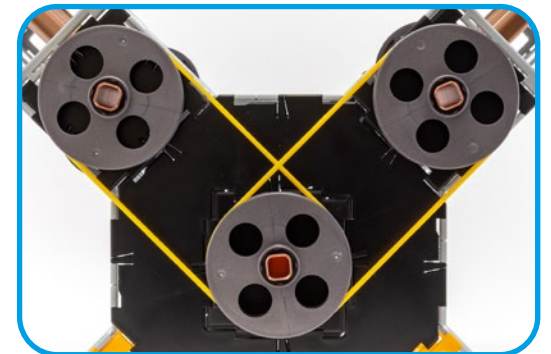
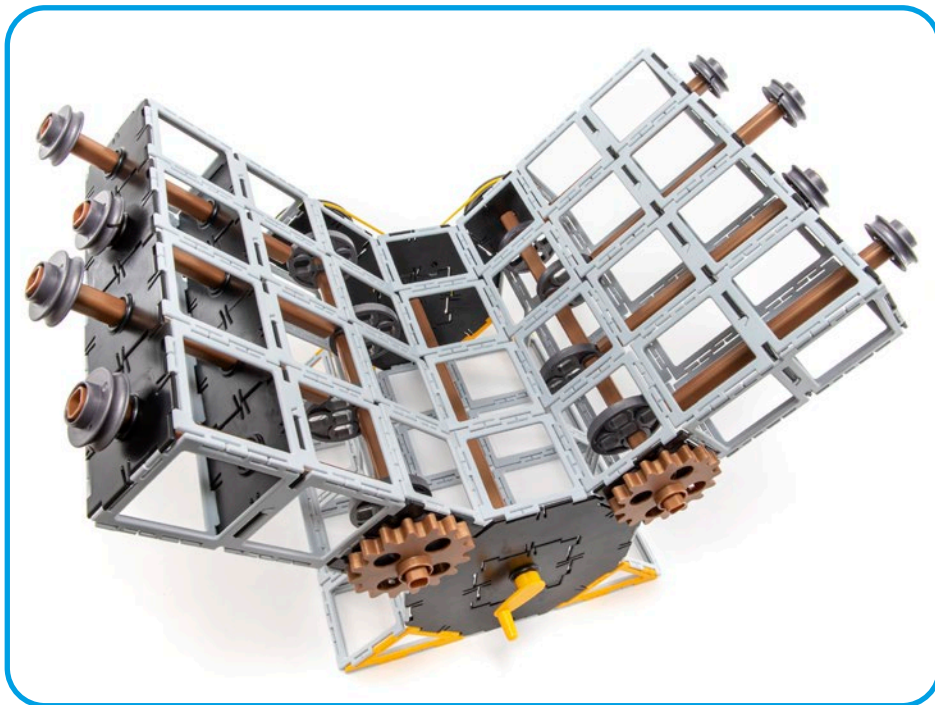
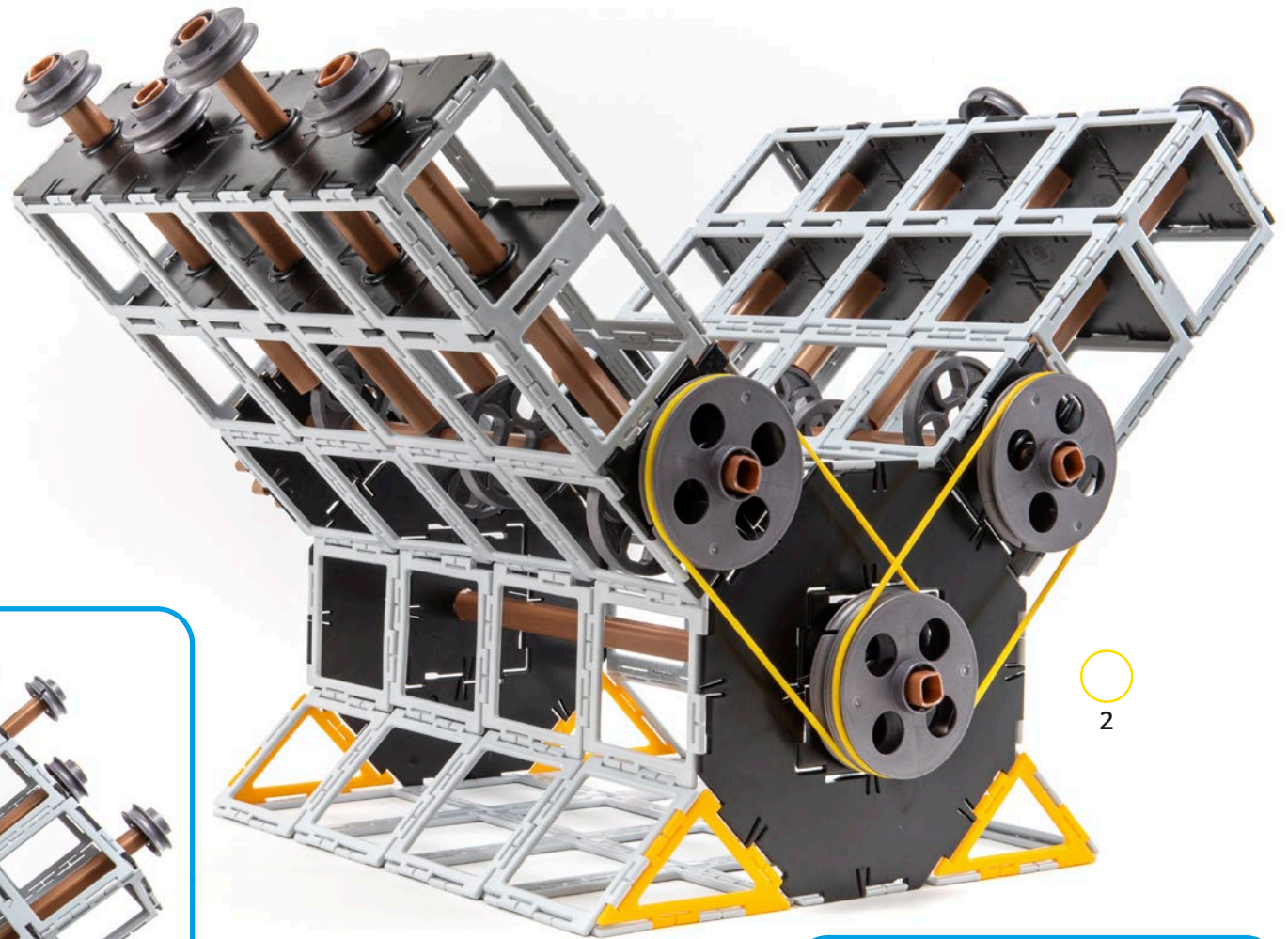


-  4
-  4
-  1
-  1
-  1
-  180mm
-  330mm
-  4
-  1

$$5 = 3 + 4$$



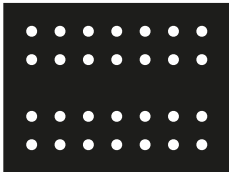
$$2 + 2 \times 5$$





# Clock

## 1 Front Side



2

Double Square



6



13

90mm

2

Connector

1

## 2

## Reverse Side

40mm



2

75mm



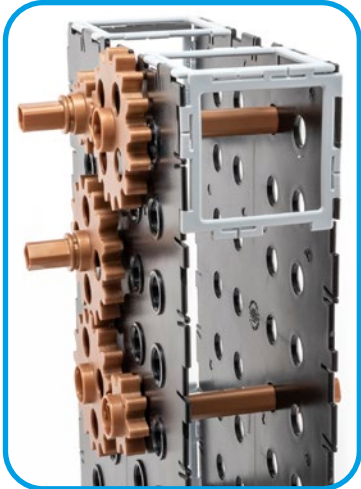
3

Connector

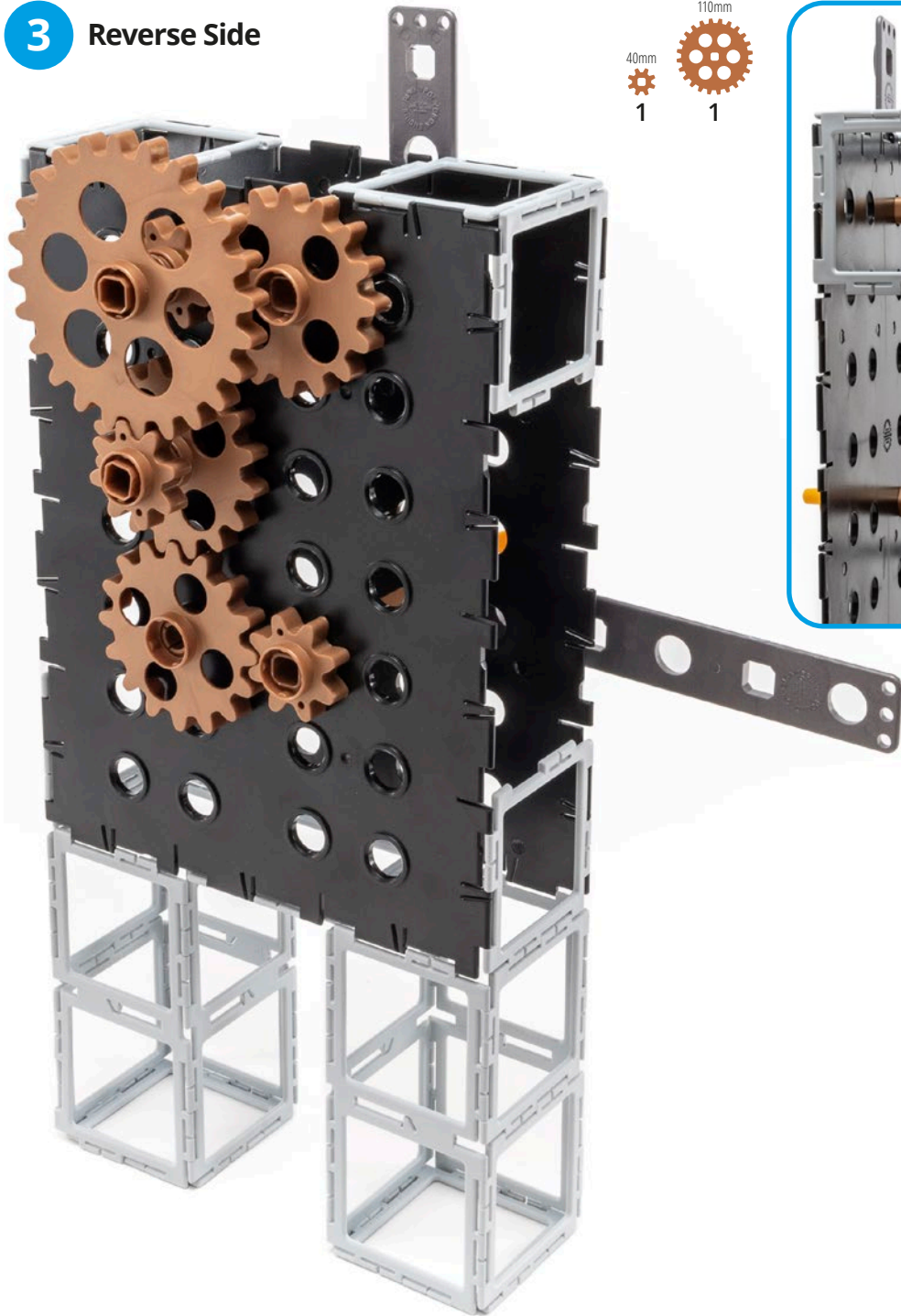
2

Stub Axle

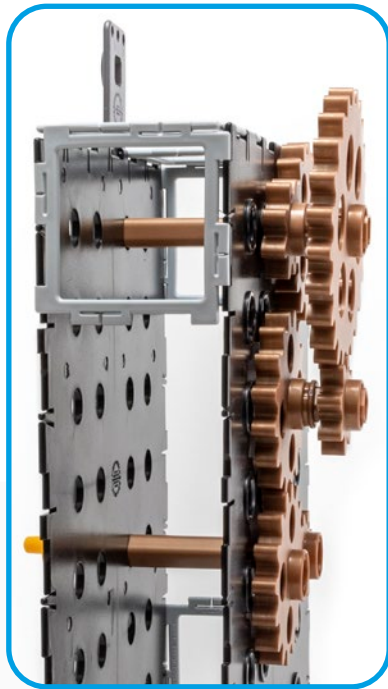
3



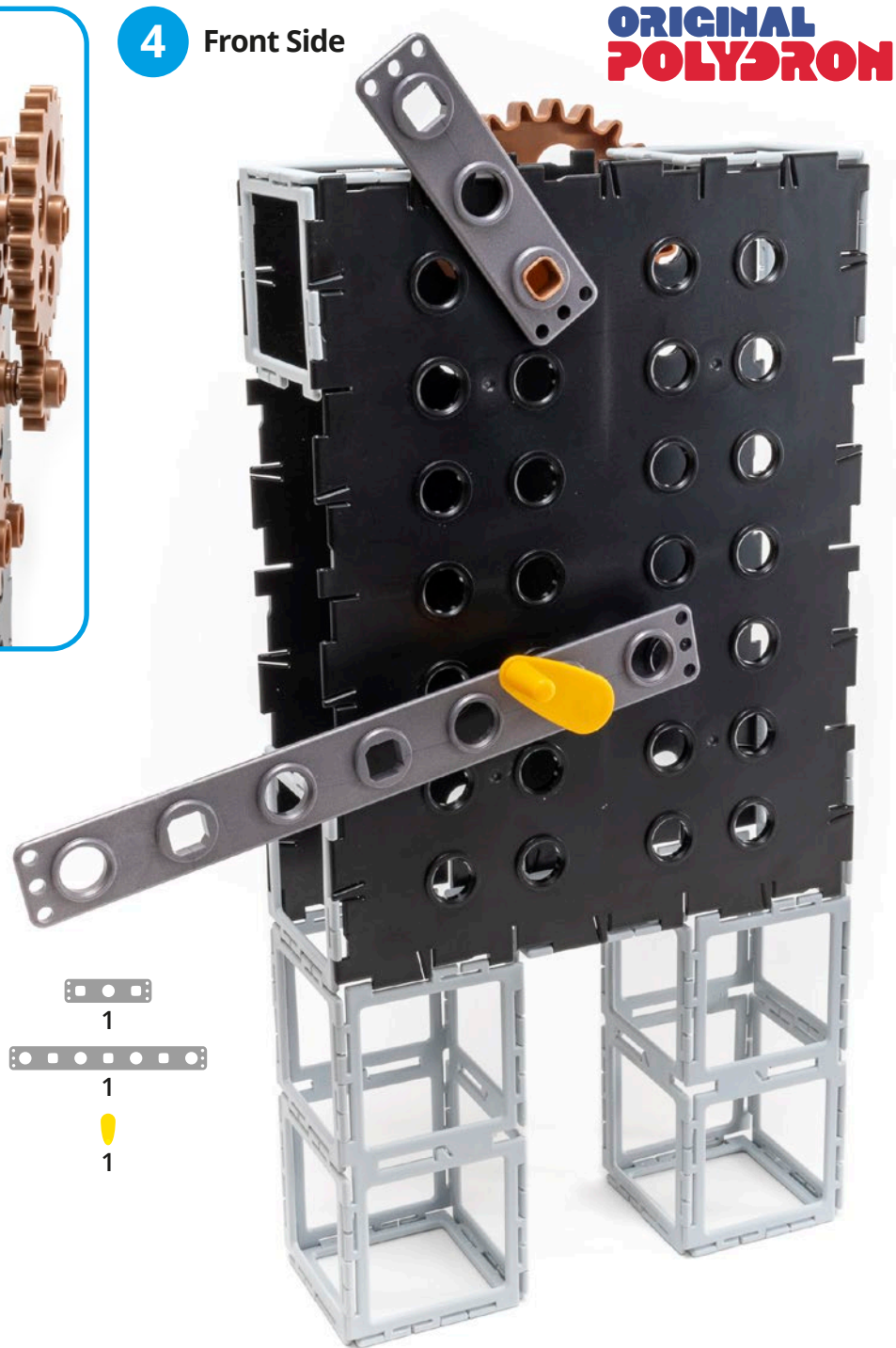
3 Reverse Side



- 40mm 1
- 110mm 1



4 Front Side

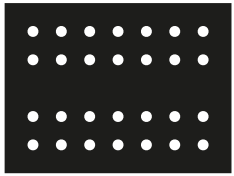


- 1
- 1
- 1

# Vertigo

**ORIGINAL  
POLYDRON**

1



2

Round Hole



2

3

Double Square



2



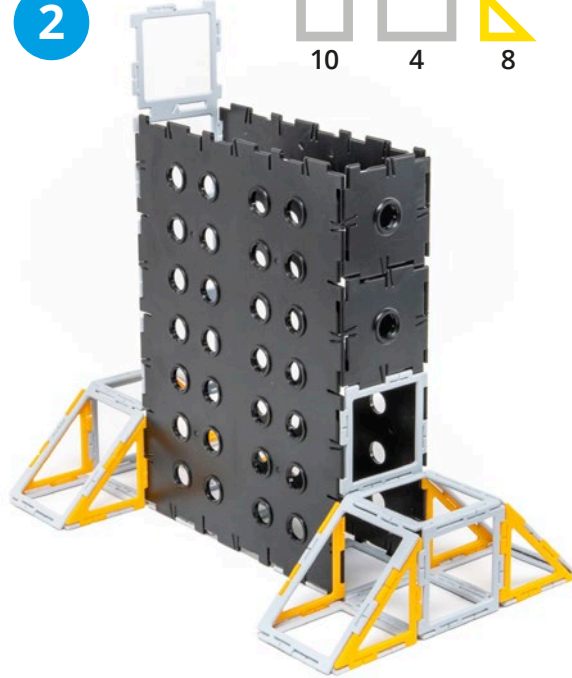
2



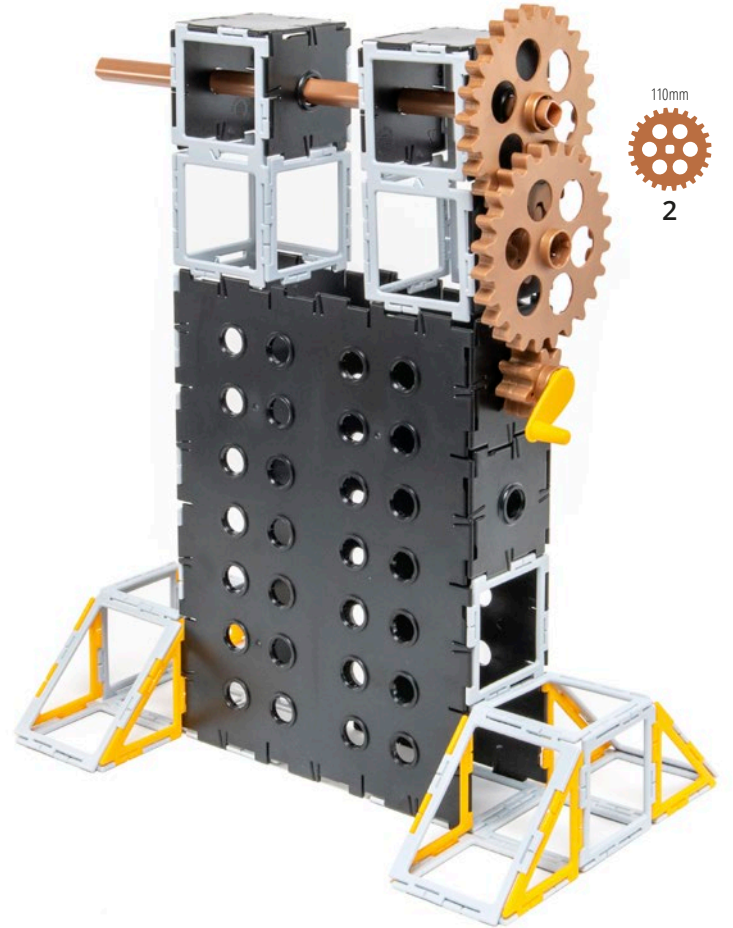
10

4

8



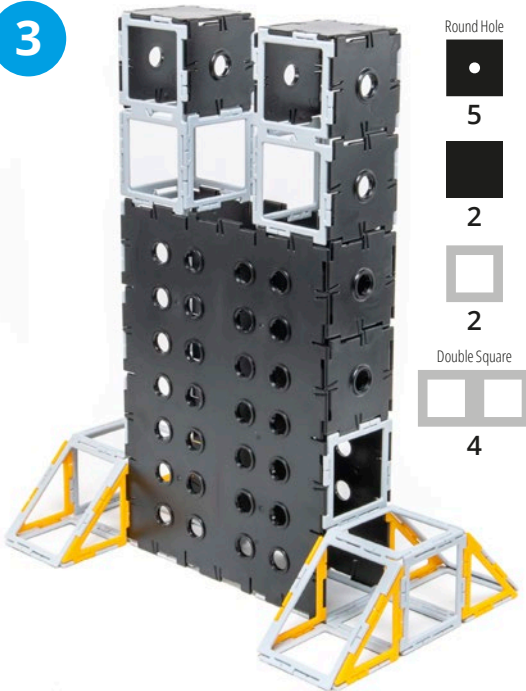
5



110mm

2

3



Round Hole



5



2



2

Double Square



4

4



40mm



3

1



2

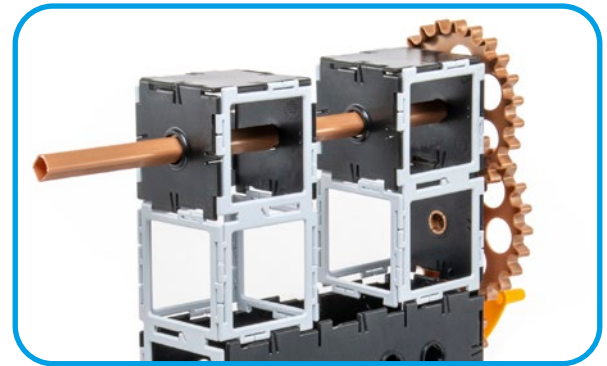
Stub Axle



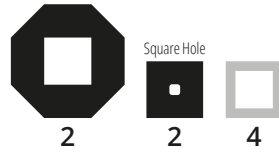
2

330mm

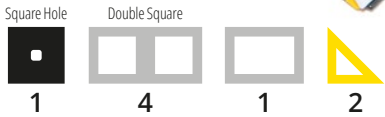
1



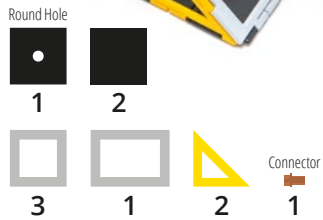
6



7



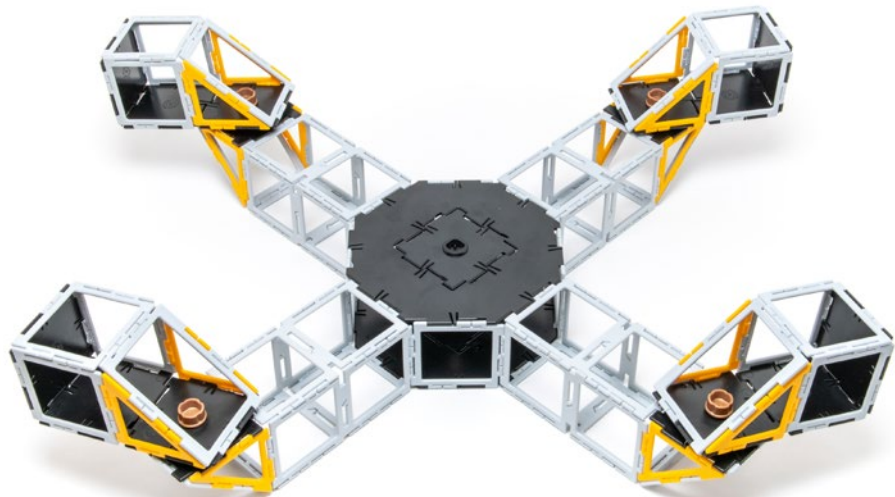
8



5 + 9

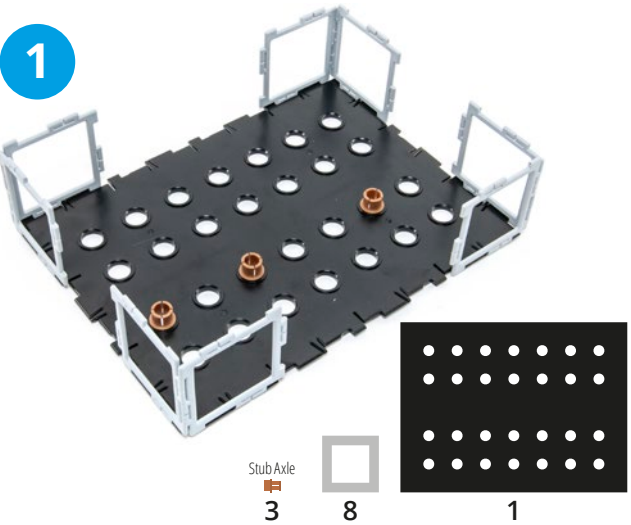


9 = 6 + 4 × 7 + 4 × 8

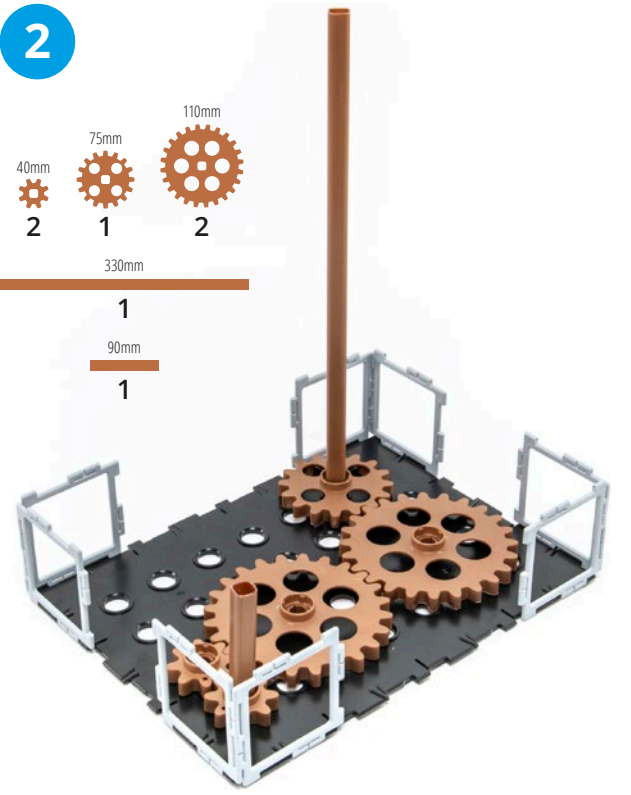


# Chairoplane

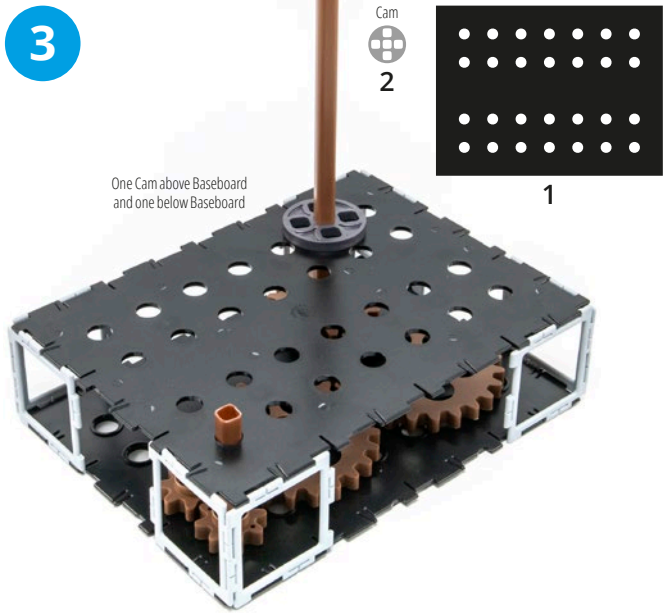
1



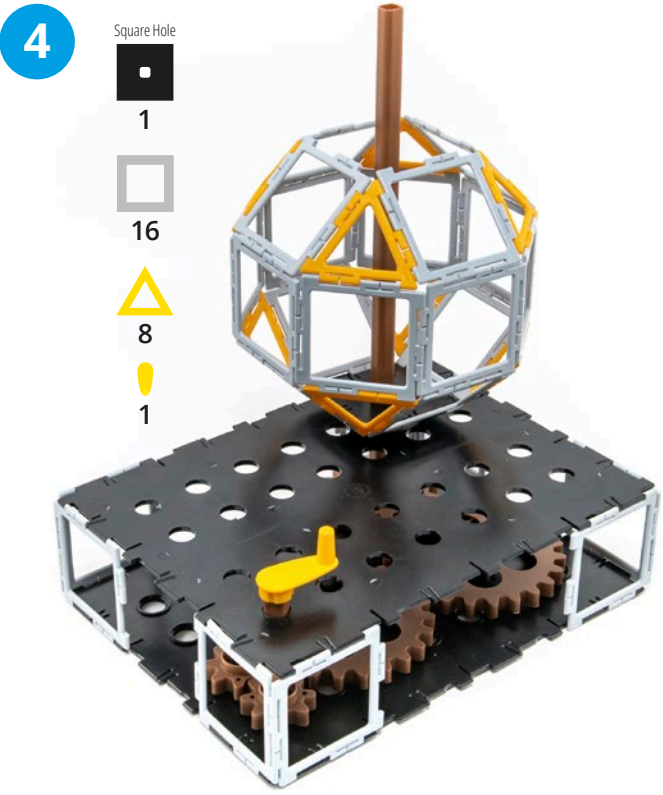
2



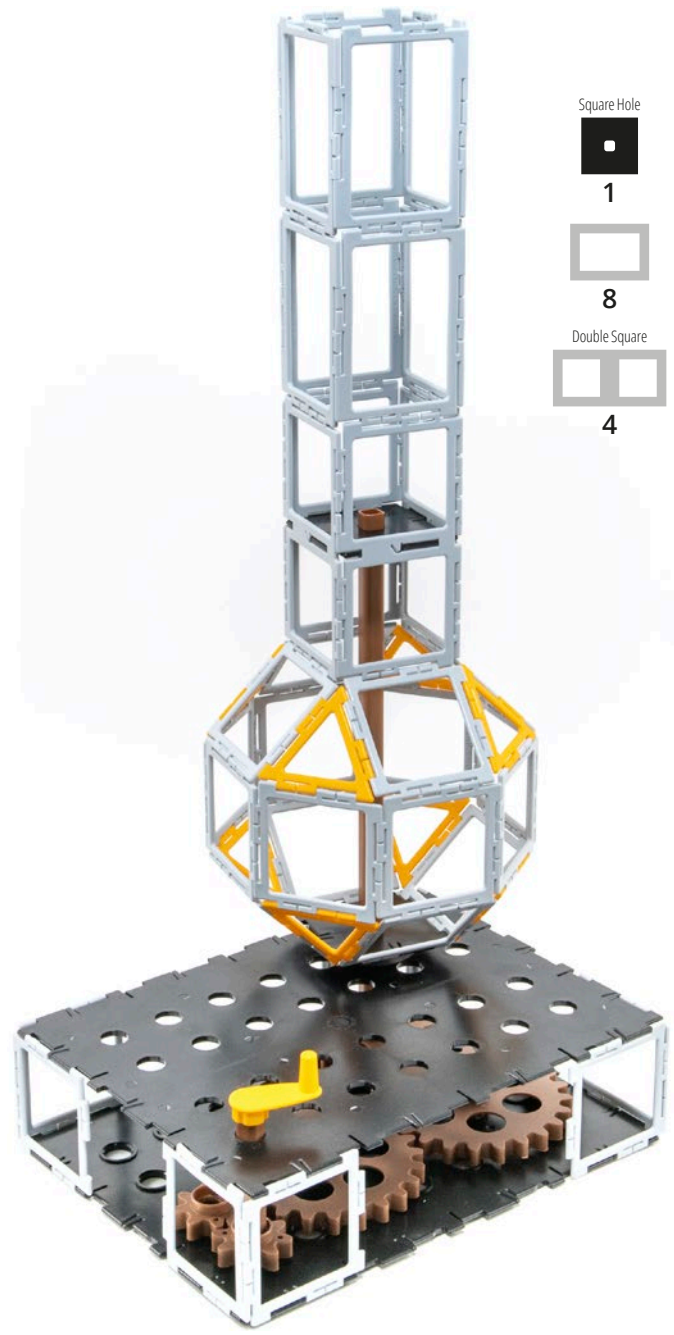
3



4



5



6



- Square Hole
- 1
  - 1
  - 1
  - 2
  - 1
- Connector
- 1

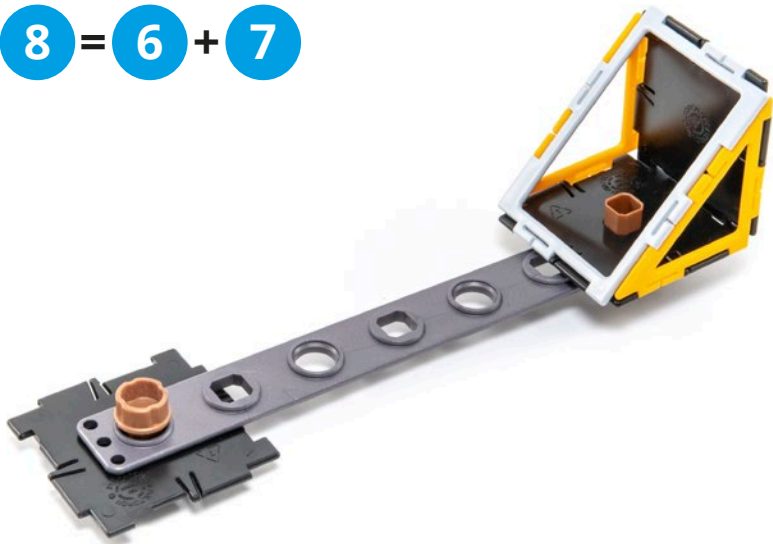


7



- Connector
- 1
- Square Hole
- 1

8 = 6 + 7



5 + 4 x 8



1

