

# 05



## 타워크레인

아파트나 빌딩을 지을 때 무거운 물건을 옮기는 기계입니다.  
여러 가지 다양한 모양의 크레인을 만들어 보세요.





타워크레인 부품리스트 | 구조물을 만들어 봅시다.

굵은돌기 수평셀 (4)	굵은수평셀 (5)	굵은돌기 직각셀 (4)	굵은직각셀 (5)	8돌기셀 (7)	7돌기셀 (9)	4돌기셀 (9)	6돌기셀 (7)	2돌기셀 (7)	기본셀 (8)	1단셀 (1)	2단셀 (8)	연결셀 (6)
8톱니기어 (1)	12톱니동근 기어(4)	크라운기어 (1)	36톱니동근 기어(3)	중간연결채 (7)	직각연결채 (2)	오프로드바퀴 (2)	축45 (5)	축64 (4)				



1 ★★★

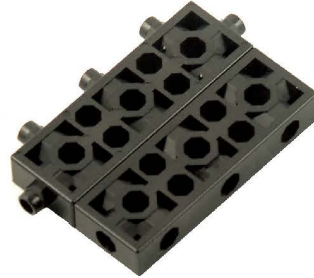
1-1

-  x 1
-  x 2



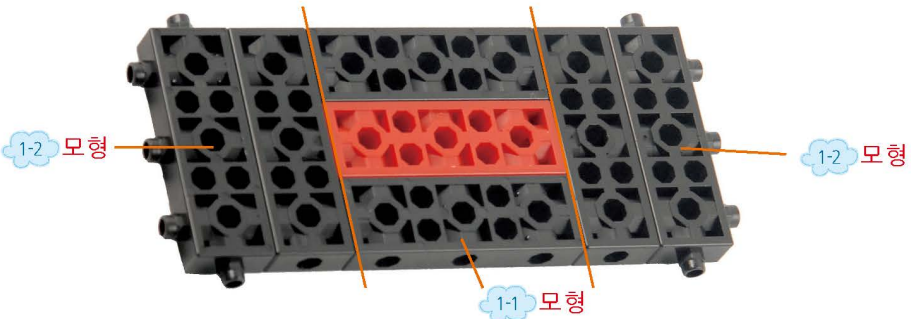
1-2

-  x 2
-  x 2





같은 모형 2개를 만들어줍니다.

1-3



2 ★★★

2-1

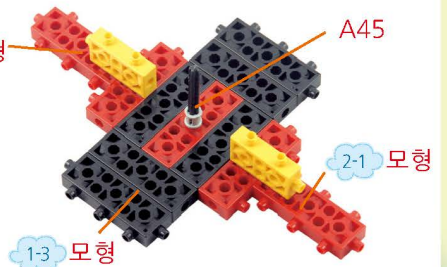
-  x 2
-  x 4



같은 모형 2개를 만들어줍니다.

2-2

-  x 1
-  x 1
-  A45



3 ★★★

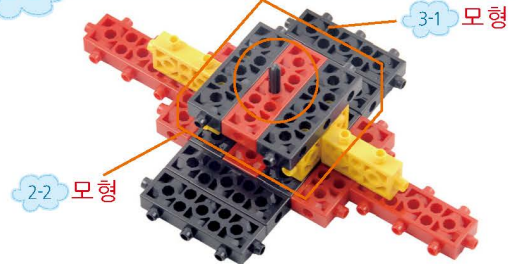
3-1

-  x 2
-  x 4
-  x 4



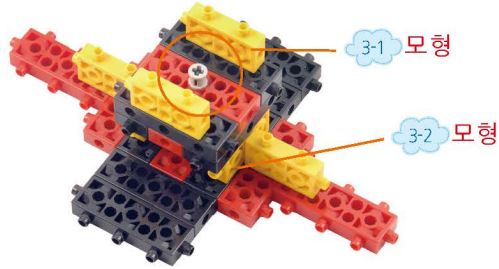
같은 모형 2개를 만들어줍니다.

3-2



3\*\*\*

3-3



x 1

4\*\*\*

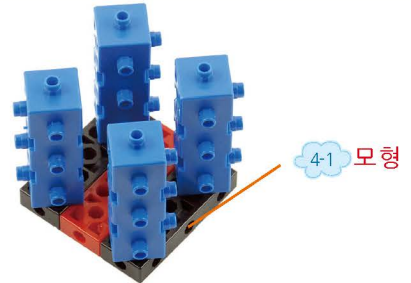
4-1

x 1  
 x 2



4-2

x 4



5\*\*\*

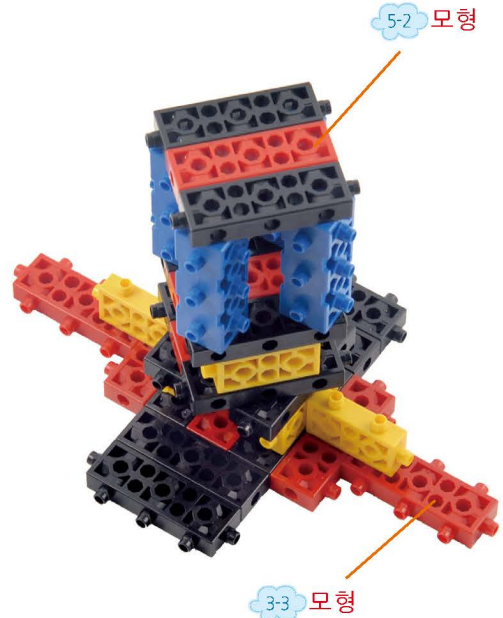
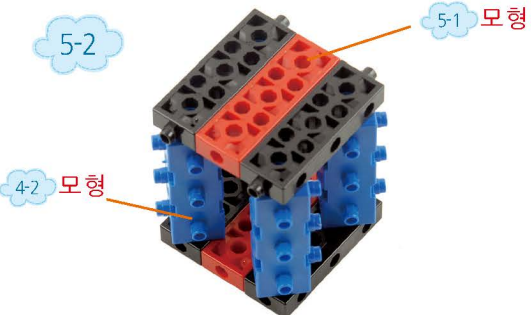
5-1

x 1  
 x 2



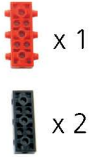
5-3

5-2 모형

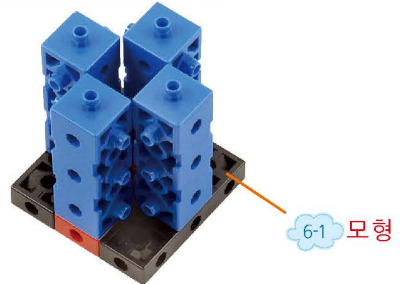


6\*\*\*

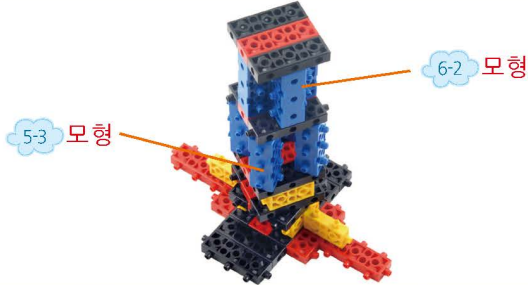
6-1



6-2

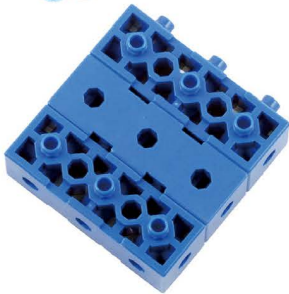


7\*\*\*

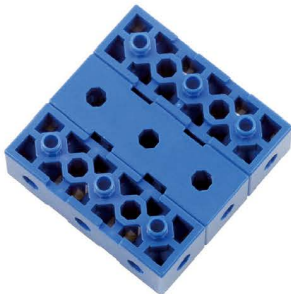


8\*\*\*

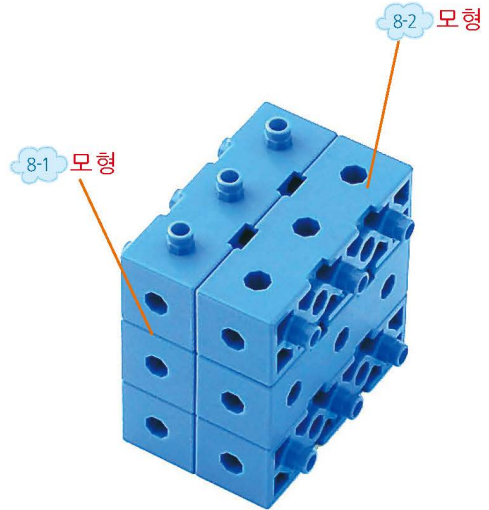
8-1



8-2



8-3



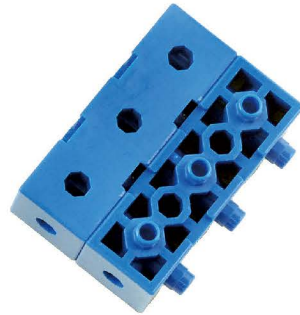
9\*\*\*\*

9-1



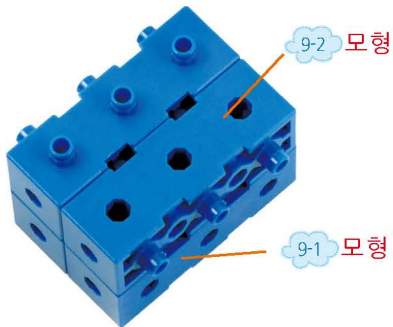
 x 2

9-2



 x 2

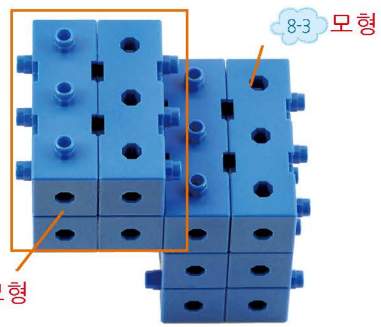
9-3



9-2 모형

9-1 모형

9-4



9-3 모형

8-3 모형

10\*\*\*\*

10-1



 x 1

 x 1

10-2



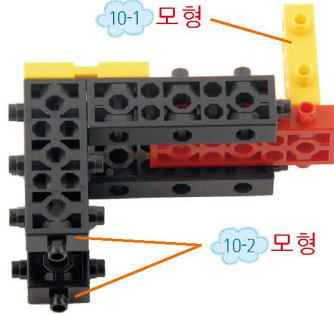
 x 2

 x 2

 x 2

같은 모형 2개를 만들어줍니다.

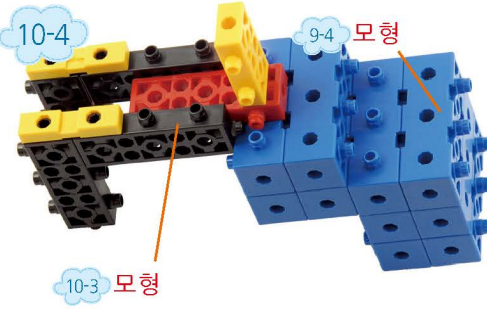
10-3



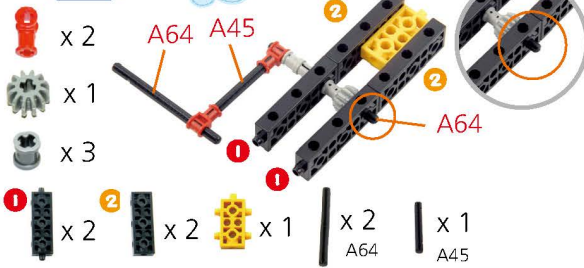
10-1 모형

10-2 모형

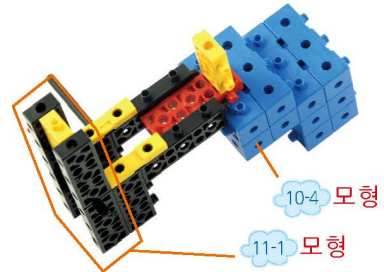
10-4



11 ★★★



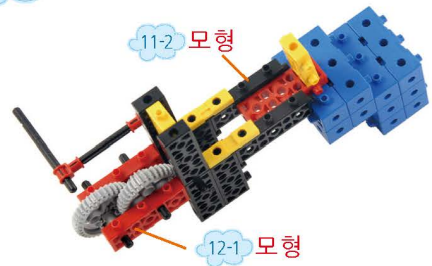
11-2



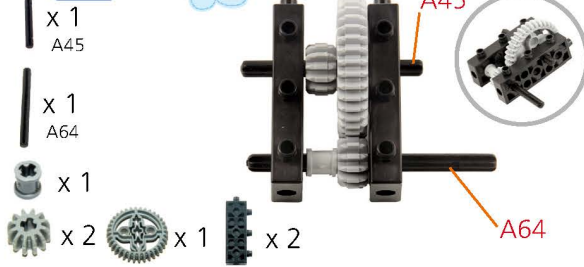
12 ★★★



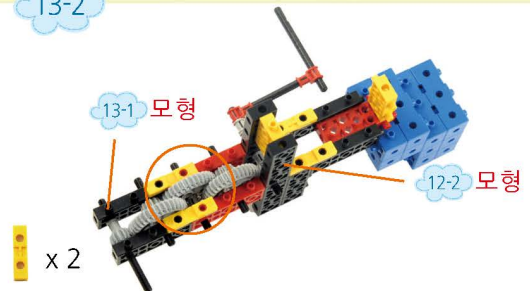
12-2



13 ★★★

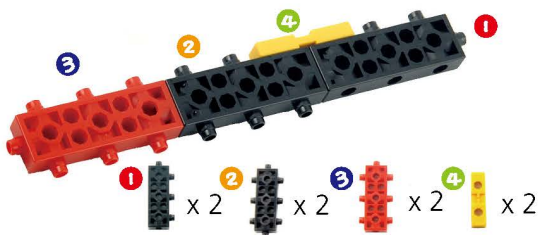


13-2



14 ★★★

14-1 같은 모형 2개를 만들어줍니다.



14-2



14 ★★★



15 ★★★



그림 7번과 14-3번 모형을 조립합니다.

16 ★★★

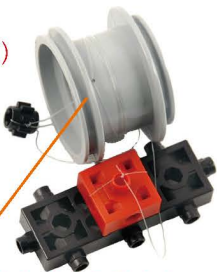


x 1 바퀴의 고무를 벗겨서 사용합니다.

16-2 실로 묶어줍니다. (실길이 40~50cm)

- x 1
- x 1
- x 1
- x 1

바퀴의 고무를 벗겨서 사용합니다.



16-3

