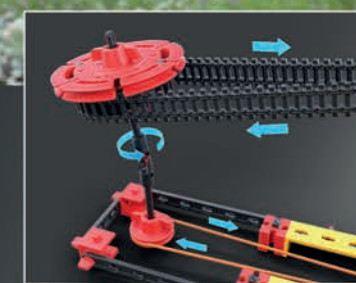




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Universal 4

 fischertechnik



Bauanleitung  
 Assembly instruction  
 Instructions de montage  
 Bouwhandleiding  
 Instrucciones de construcción

Manual de montagem  
 Istruzioni di montaggio  
 Инструкция по сборке  
 安装说明书

ADVANCED  
**Universal 4**

**fischertechnik GmbH**  
 Klaus-Fischer-Str. 1  
 72178 Waldachtal  
 Germany  
 Phone: +49 74 43/12-43 69  
 Fax: +49 74 43/12-45 91  
 info@fischertechnik.de  
 www.fischertechnik.de

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ADVANCED  
**Universal 4**

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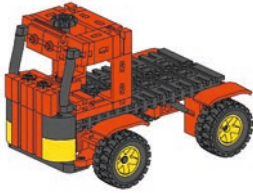
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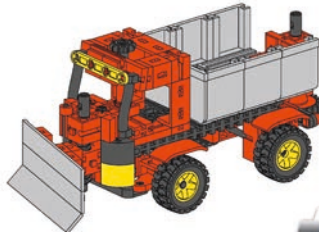
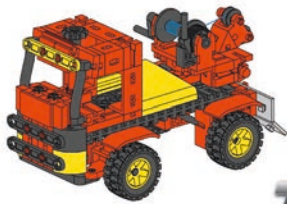
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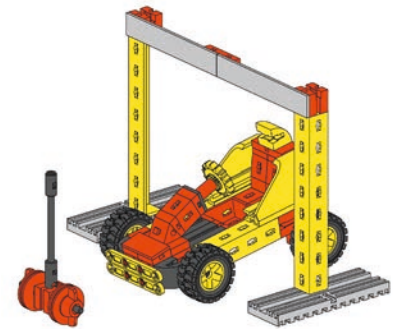
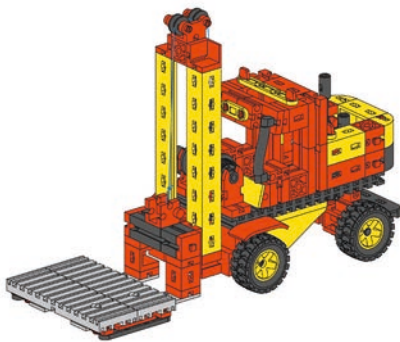
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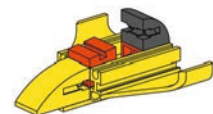
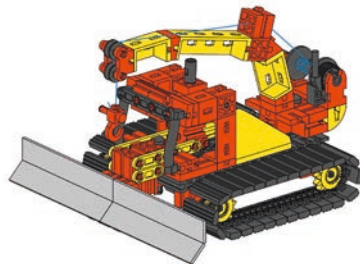
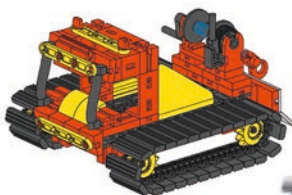
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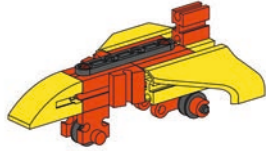


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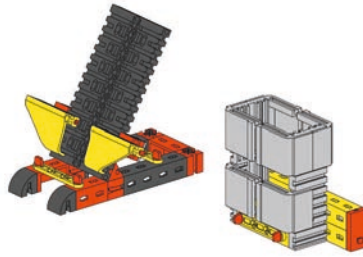
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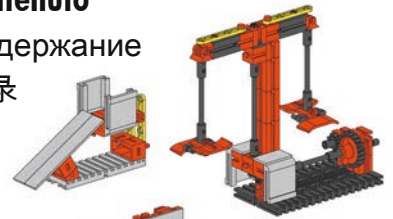
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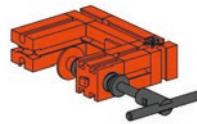
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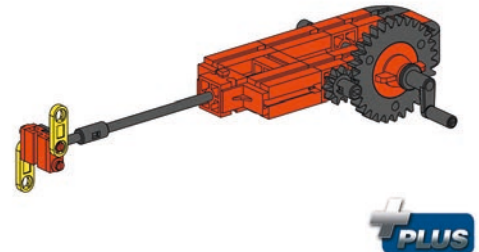
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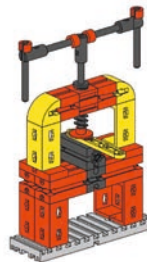
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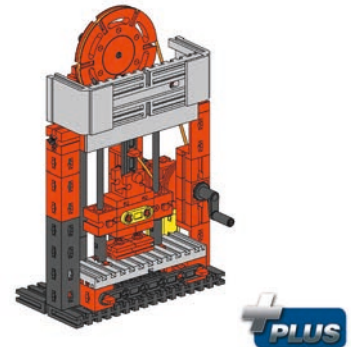
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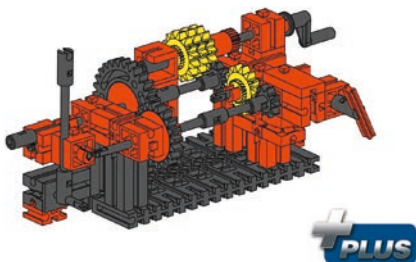
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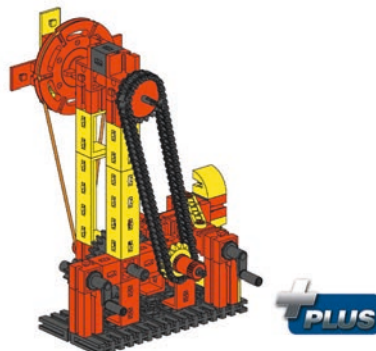
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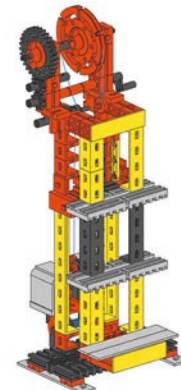
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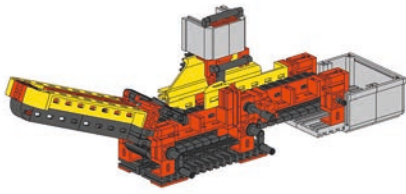


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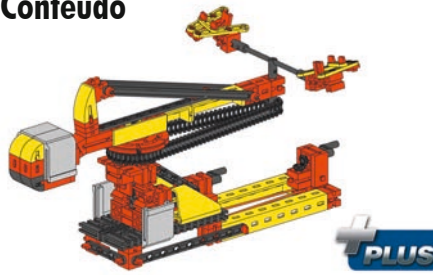
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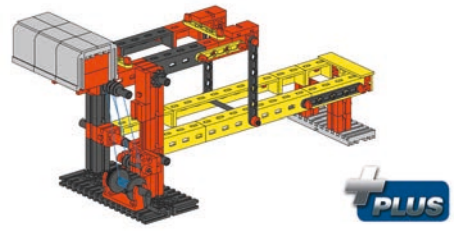
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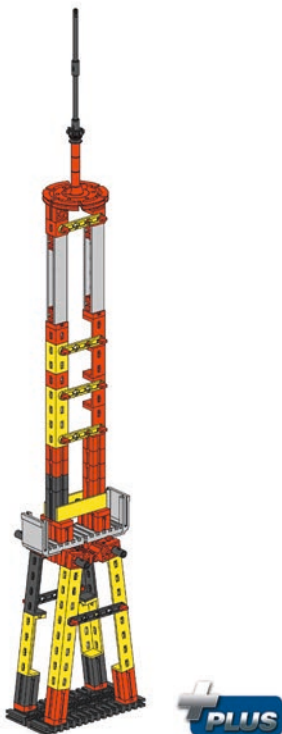
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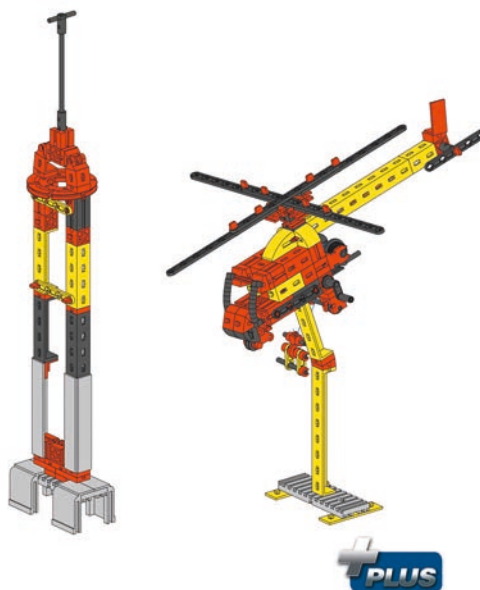
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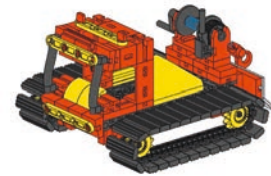
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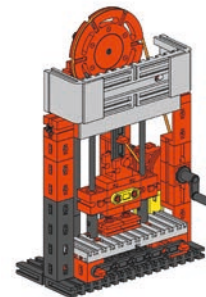
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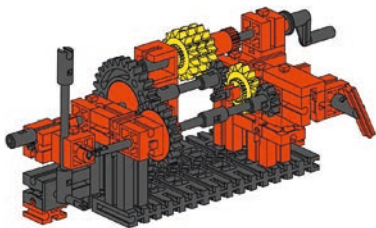
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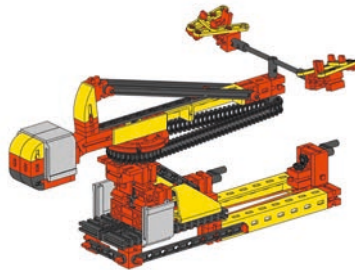
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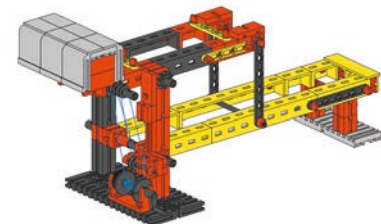
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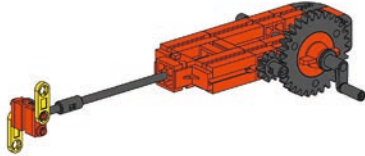
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Motor Set XM 505 282



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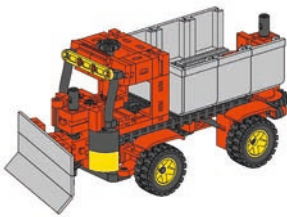
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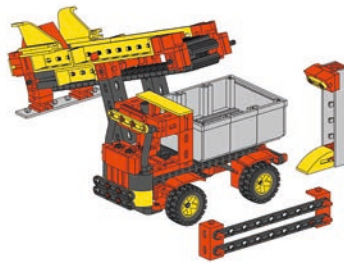
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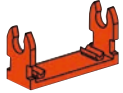













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**Einzelteilübersicht**  
**Spare parts list**  
**Liste des pièces détachées**

	31 010 2 x
	31 011 2 x
	31 019 1 x
	31 021 1 x
	31 027 1 x
	31 058 3 x
	31 060 3 x
	31 061 4 x
	31 426 2 x
	31 436 3 x
	31 597 2 x
	31 667 2 x
	31 690 3 x
	31 790 52 x
	31 843 2 x
	31 848 8 x
	31 915 1 x

**Onderdelenoverzicht**  
**Lista da piezas**  
**Resumo de peça individual**

	31 981 4 x
	31 982 22 x
	31 983 7 x
	31 997 1 x
	31 998 1 x
	31 999 1 x
	32 064 11 x
	32 071 4 x
	32 085 1 x
	32 870 2 x
	32 879 3 x
	32 881 1 x
	35 031 2 x
	35 049 6 x
	35 061 2 x
	35 063 2 x
	35 064 2 x

**Singoli componenti**  
**Перечень деталей**  
**零件概览**

	35 065 2 x
	35 066 2 x
	35 073 5 x
	35 087 1 x
	35 088 2 x
	35 113 1 x
	35 129 1 x
	35 405 1 x
	35 945 3 x
	35 971 2 x
	35 972 1 x
	35 973 1 x
	35 975 6 x
	35 977 1 x
	35 981 1 x
	35 998 2 x
	36 227 4 x

	36 264 1 x
	36 294 2 x
	36 297 3 x
	36 299 3 x
	36 323 16 x
	36 334 3 x
	36 819 3 x
	36 913 2 x
	36 921 2 x
	36 923 4 x
	36 950 1 x
	36 952 2 x
	37 237 10 x
	37 468 12 x
	37 636 2 x
	37 679 19 x
	38 225 1 x

**Einzelteilübersicht**  
**Spare parts list**  
**Liste des pièces détachées**

	38 240 2 x
	38 241 4 x
	38 258 3 x
	38 411 1 x
	38 413 4 x
	38 414 4 x
	38 416 1 x
	38 423 2 x
	38 428 3 x
	38 472 1 x

**Onderdelenoverzicht**  
**Lista da piezas**  
**Resumo de peça individual**

	38 474 2 x
	38 541 4 x
	38 544 2 x
	38 546 6 x
	68 535 1 x
	116 251 3 x
	116 252 9 x
	119 753 2 x
	127 471 5 x
	127 472 4 x

	128 659 104 x
	130 593 1 x
	136 775 1 x
	137 103 1 x
	142 251 4 x
	142 252 4 x
	156 106 4 x
	163 203 4 x
	163 433 2 x
	163 435 6 x

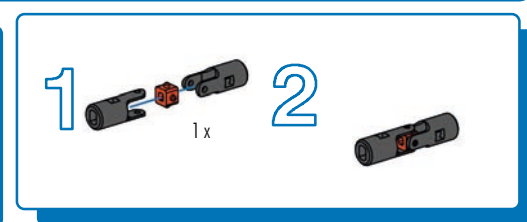
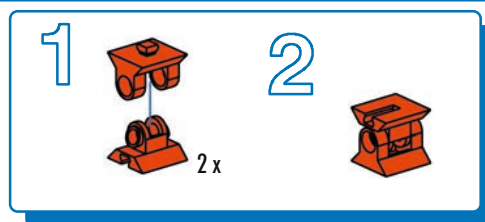
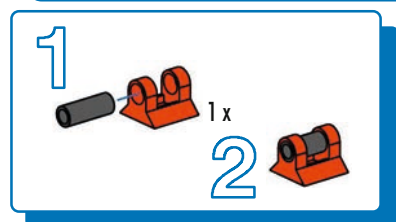
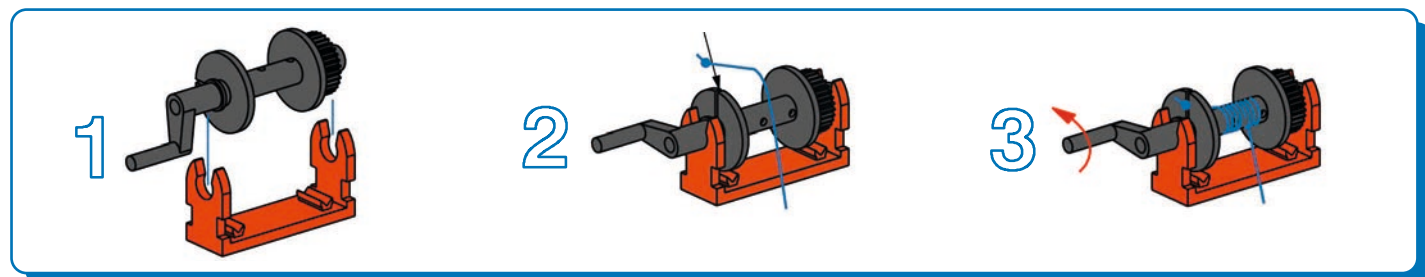
**Singoli componenti**  
**Перечень деталей**  
**零件概览**

	172 539 4 x
	172 540 2 x
	172 541 2 x
	172 542 2 x
	172 543 2 x
	172 544 1 x
	172 545 4 x
	172 546 1 x
	172 547 1 x
	172 548 2 x

**Montagetipps**  
**Tips for assembly**  
**Tuyaux pour le montage**

**Montagetipps**  
**Consejos para el montaje**  
**"Dicas" para montagem**

**Consigli per il montaggio**  
**Советы по сборке**  
**装配建议**

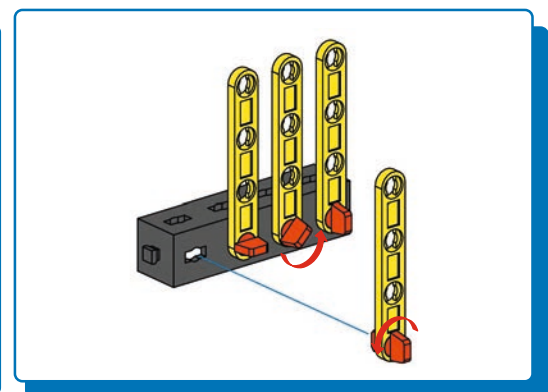
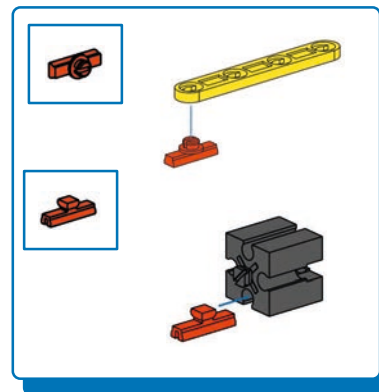
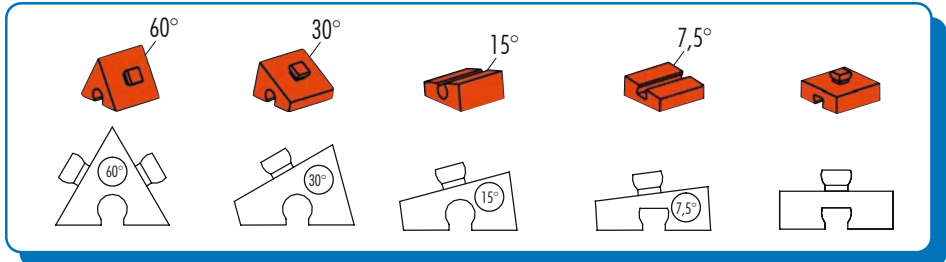
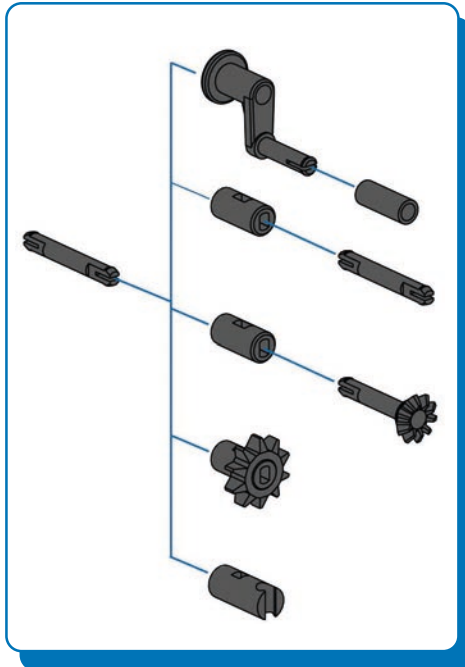
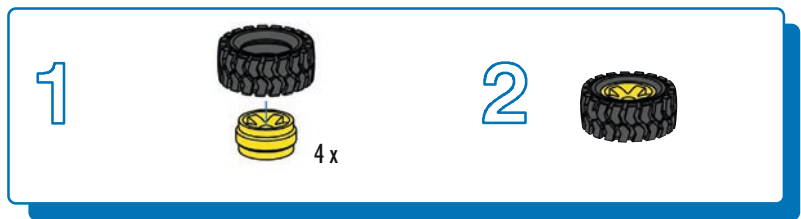
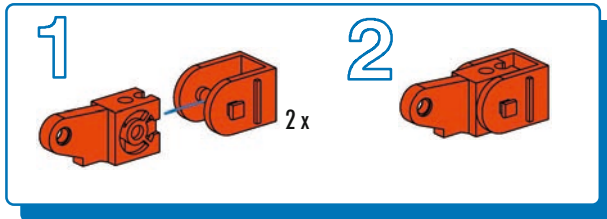




**Montagetipps**  
**Tips for assembly**  
**Tuyaux pour le montage**

**Montagetips**  
**Consejos para el montaje**  
**"Dicas" para montagem**

**Consigli per il montaggio**  
**Советы по сборке**  
**装配建议**



**Sicherheitshinweise**  
**Safety Information**  
**Consignes de sécurité**

**Veiligheidsrichtlijnen**  
**Indicaciones de seguridad**  
**Observações sobre segurança**

**Informazioni per la sicurezza**  
**Указания по технике безопасности**  
**安全指南**

- Achtung! Verletzungsgefahr an Bauteilen mit funktionsbedingten scharfen Kanten und Spitzen!
- Caution! Be careful not to hurt yourself on components with sharp or pointed edges!
- Attention! Risque de blessure sur les éléments comportant des arêtes et o pointes vives indispensables au bon fonctionnement!
- Let op! U kunt zich bezeren aan bouwstenen met sjerpe randen of punten!
- Atención! ¡Cuidado, no te hagas daño con los componentes con bordes afilados o puntiagudos!

- Atenção! Perigo de ferimentos em peças componentes com cantos vivos e pontas obrigatórios para o funcionamento !
- Attenzione! Pericolo di lesioni dovute a componenti con spigoli vivi e punte per motivi funzionali!
- Будьте осторожны! Об острые края деталей и и наконечники можно порезаться!
- 注意！因功能需要而带有锋利的棱边和尖角的部件可能会带来受伤危险！

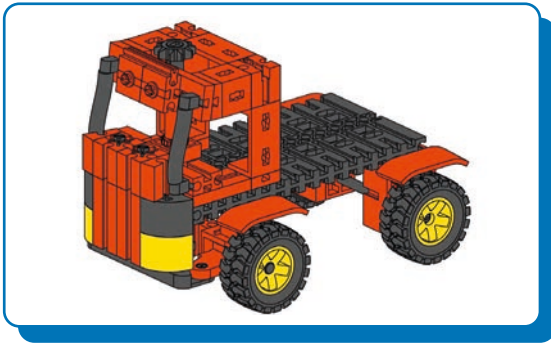
- Alle Einzelteile, insbesondere bewegliche Teile sind falls notwendig zu warten und zu reinigen.
- All components, especially moving parts, should be maintained and cleaned as necessary.
- Toutes les pièces détachées et en particulier les pièces mobiles, sont, si nécessaire, à entretenir et à nettoyer.
- Alle onderdelen, vooral de bewegende delen, kunnen, indien noodzakelijk, onderhouden en gereinigd worden.
- Es necesario limpiar y mantener en buen estado todas las diferentes piezas - especialmente las piezas móviles.

- Caso necessário, todas as peças individuais, especialmente peças móveis, tem que ser submetidas à manutenção e ser limpadas.
- Se necessario, tutti i singoli componenti, soprattutto le parti mobili, si devono eventualmente sottoporre a manutenzione e pulizia.
- Все детали, особенно подвижные, требуют ухода и чистки.
- 必要时应保养和清洁所有零件，尤指运动部件。



Hinweise zum Umweltschutz / Instructions for Environmental Protection / Remarques de protection de l'environnement / Bescherming van het milieu / Notas con respecto a la protección del medio ambiente / Instruções para a proteção do meio ambiente / Indicazioni sulla tutela ambientale / Указания по охране окружающей среды / 有关环保的提示：

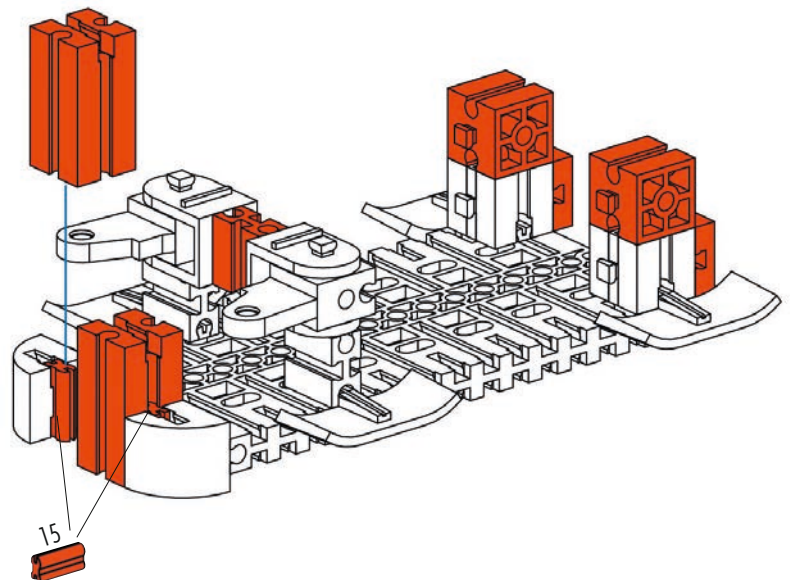
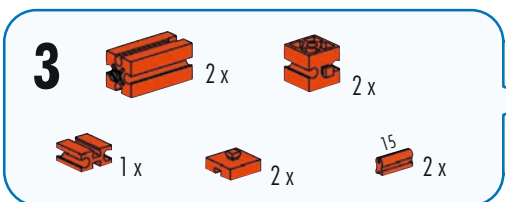
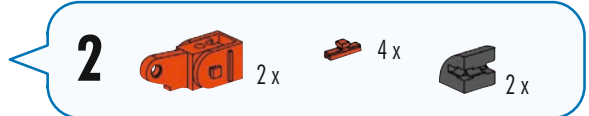
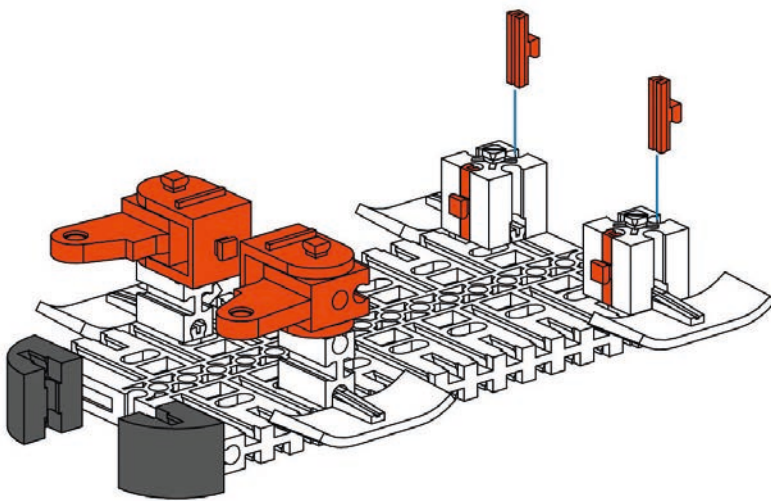
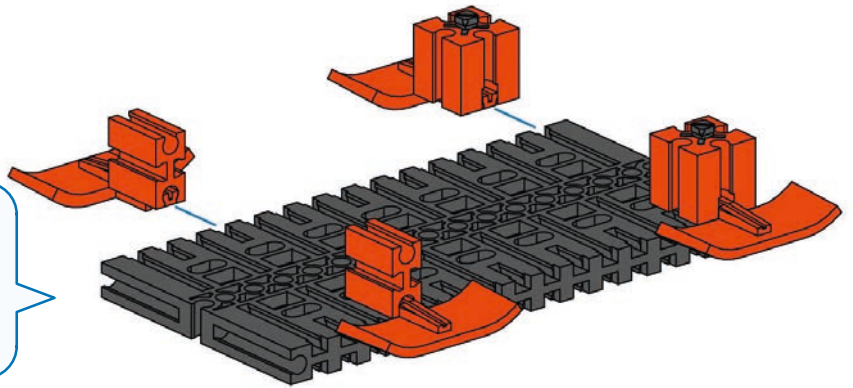
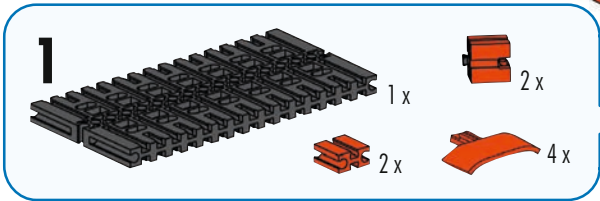
[www.fischertechnik.de/environment](http://www.fischertechnik.de/environment)



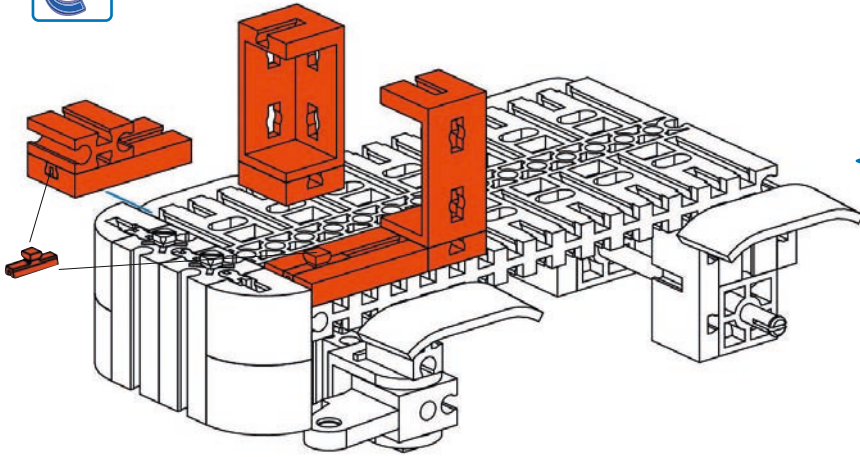
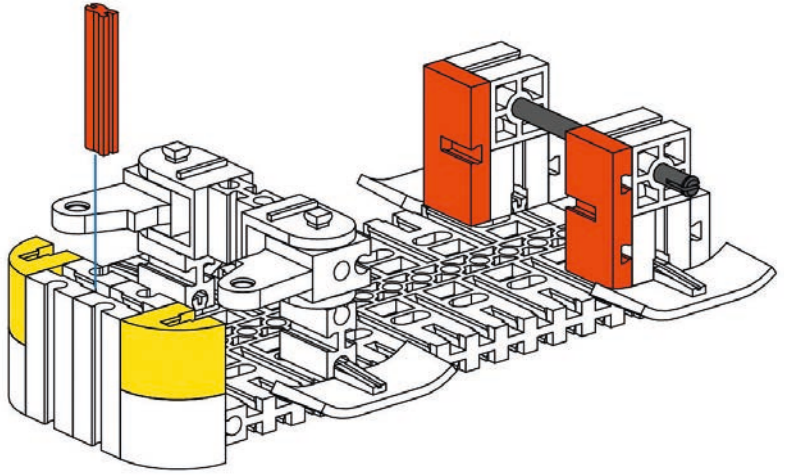
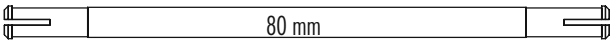
LKW-Basis  
Basic truck  
Camion de base

Basis vrachtwagen  
Camión base  
Camião base

Camion base  
Базовый грузовой  
автомобиль  
卡车底盘

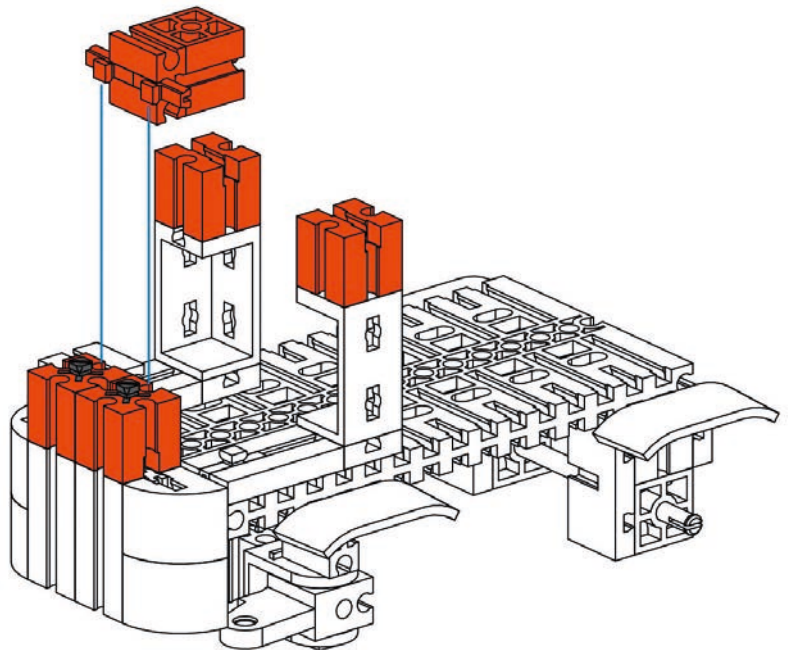


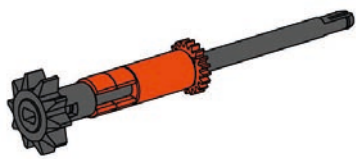
- 4**
- 2 x Yellow Technic Pin
  - 2 x Red Technic Pin
  - 1 x Black Technic Pin (80)
  - 1 x Red Technic Pin (30)



- 5**
- 2 x Red Technic Pin
  - 1 x Red Technic Pin
  - 2 x Red Technic Pin
  - 2 x Red Technic Pin
  - 2 x Red Technic Pin

- 6**
- 4 x Red Technic Pin
  - 1 x Red Technic Pin
  - 1 x Red Technic Pin
  - 2 x Red Technic Pin

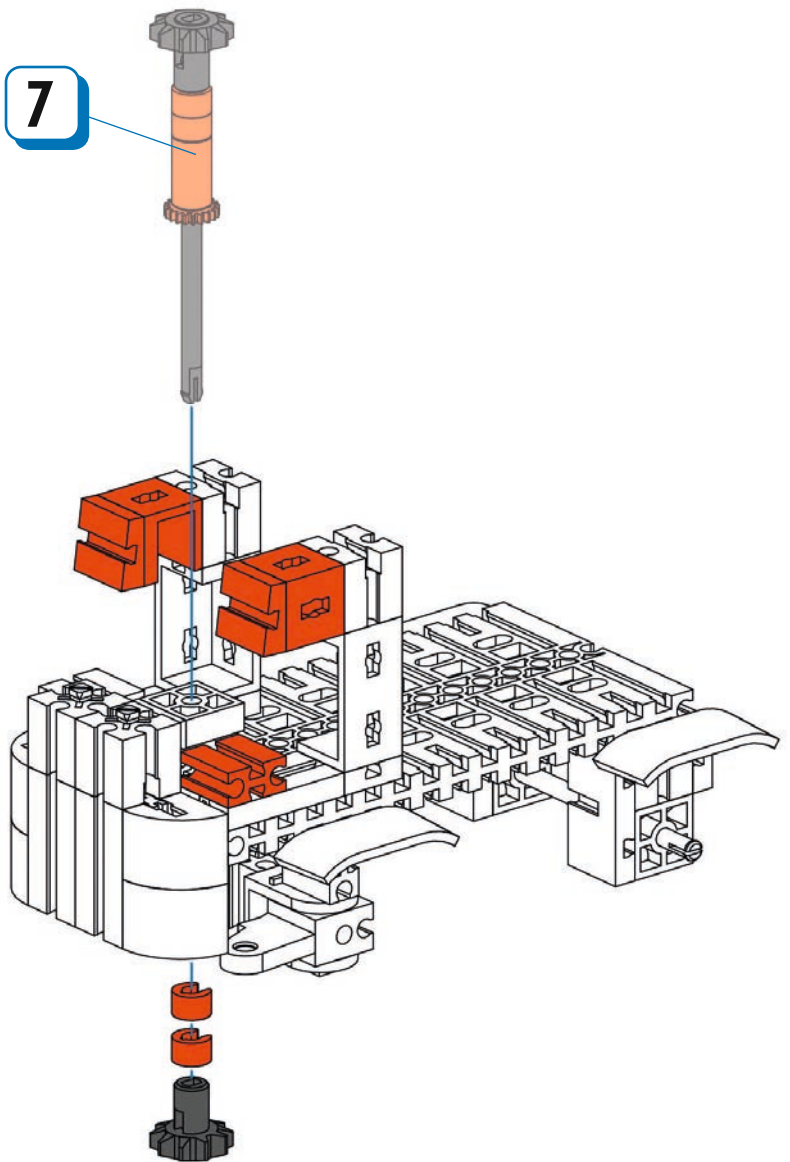




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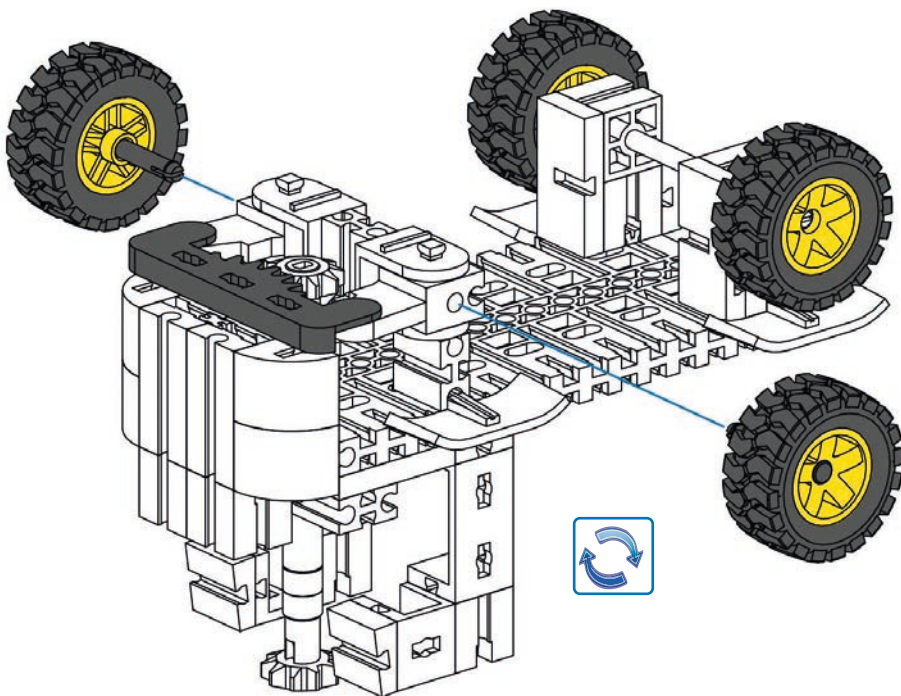
- 15 1x
- 1x
- 1x
- 1x
- 1x
- 2x

75 mm



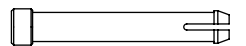
8

- 2x
- 7.5° 2x
- 1x
- 1x
- 2x



9

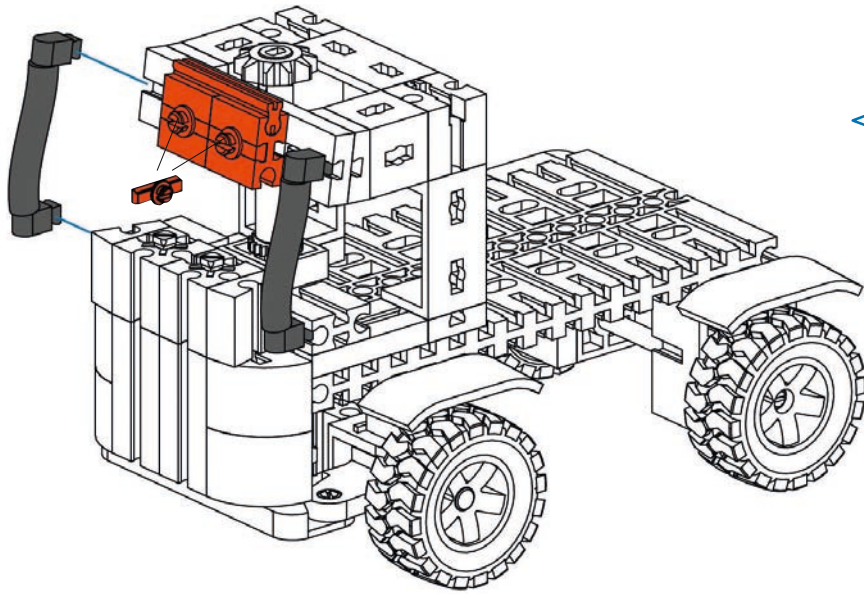
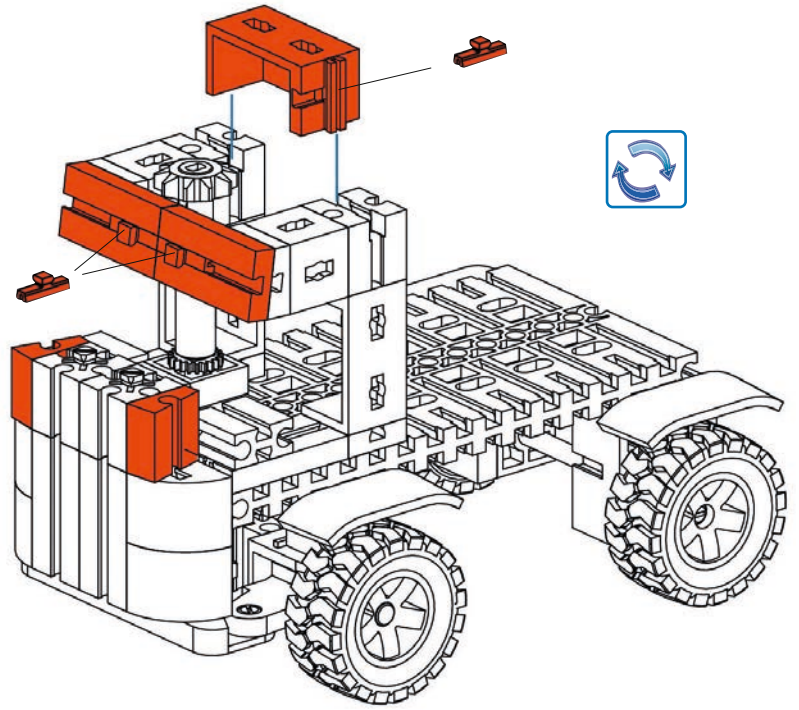
- 4x
- 2x
- 1x





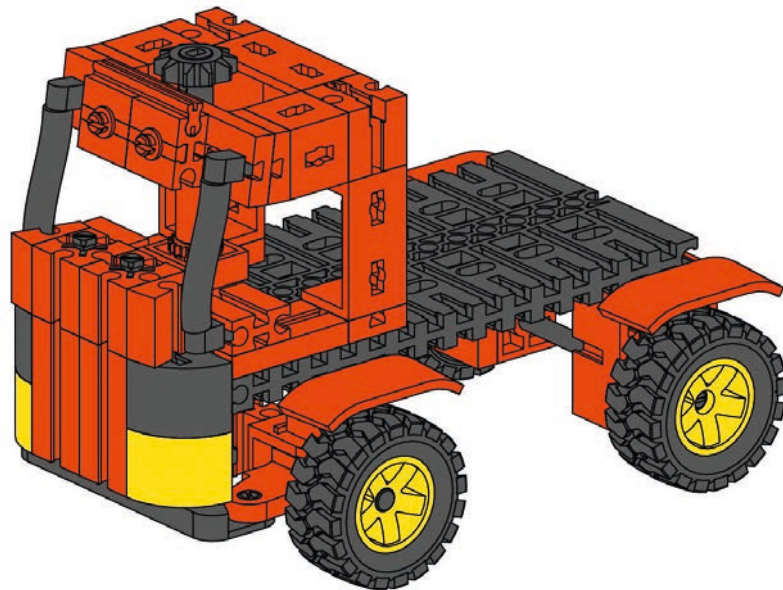
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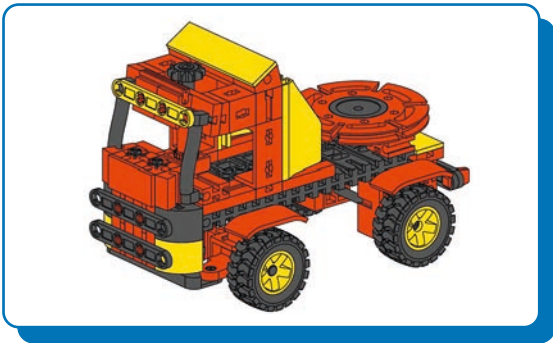
- 1 x [Orange 1x3 Technic Brick with Hole]
- 3 x [Orange Technic Pin]
- 2 x [Orange 1x2 Technic Brick with 15° Slope]
- 2 x [Orange 1x3 Technic Brick with Hole]



**11**

- 2 x [Orange Technic Pin]
- 2 x [Orange Technic Pin]
- 1 x [Orange Technic Axle, length 30]
- 4 x [Grey Technic Pin]
- 2 x [Grey Technic Axle]





Sattelschlepper  
Semi-trailer  
Semi-remorque

Oplegger  
Camión articulado  
Camião articulado






Autoarticolato  
Седельный тягач  
半挂式牵引车

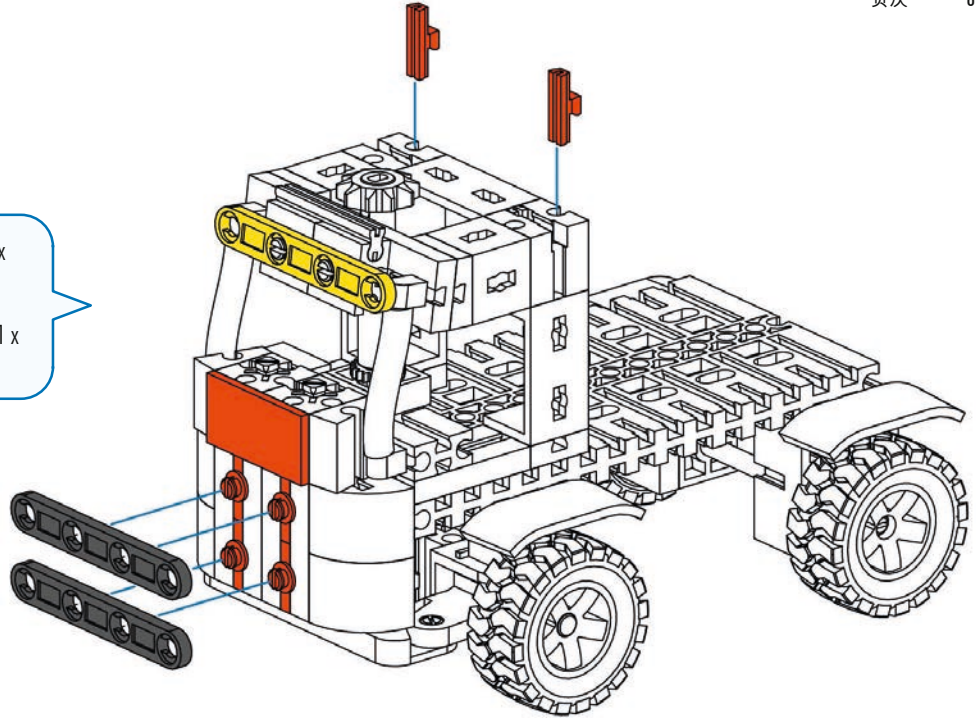
**1-11**

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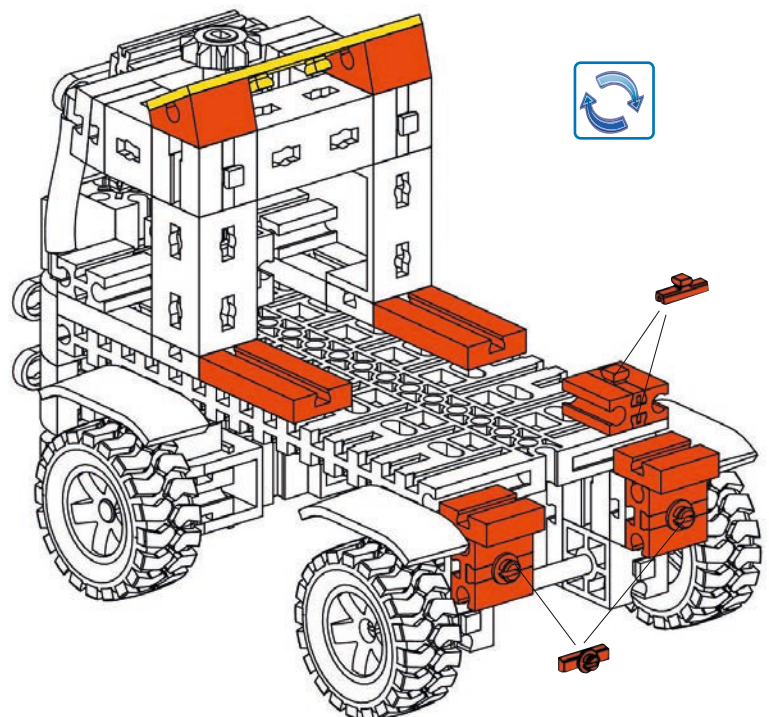
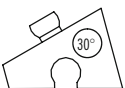
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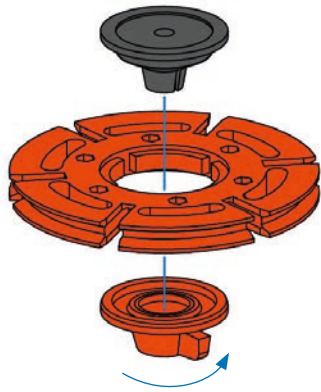
-  4 x
-  2 x
-  2 x
-  1 x
-  1 x







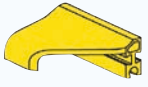





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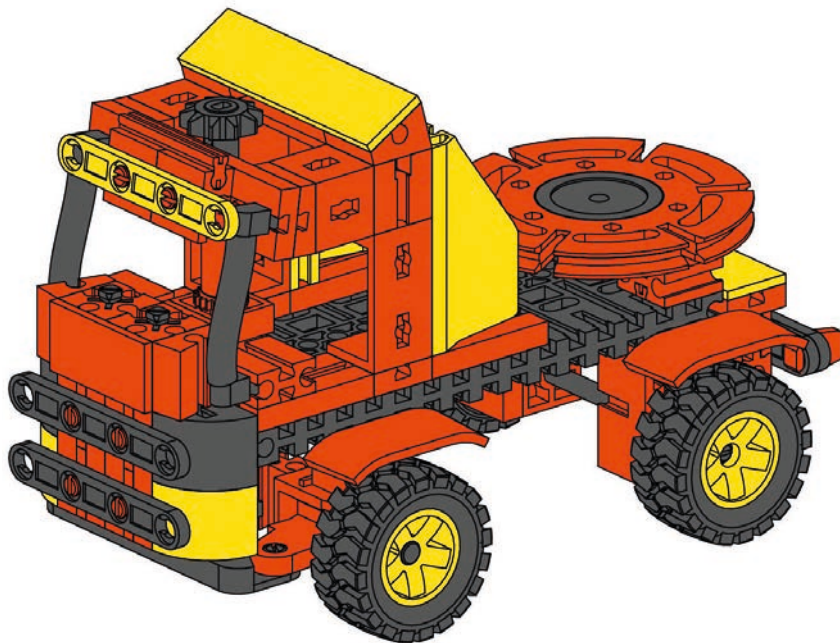
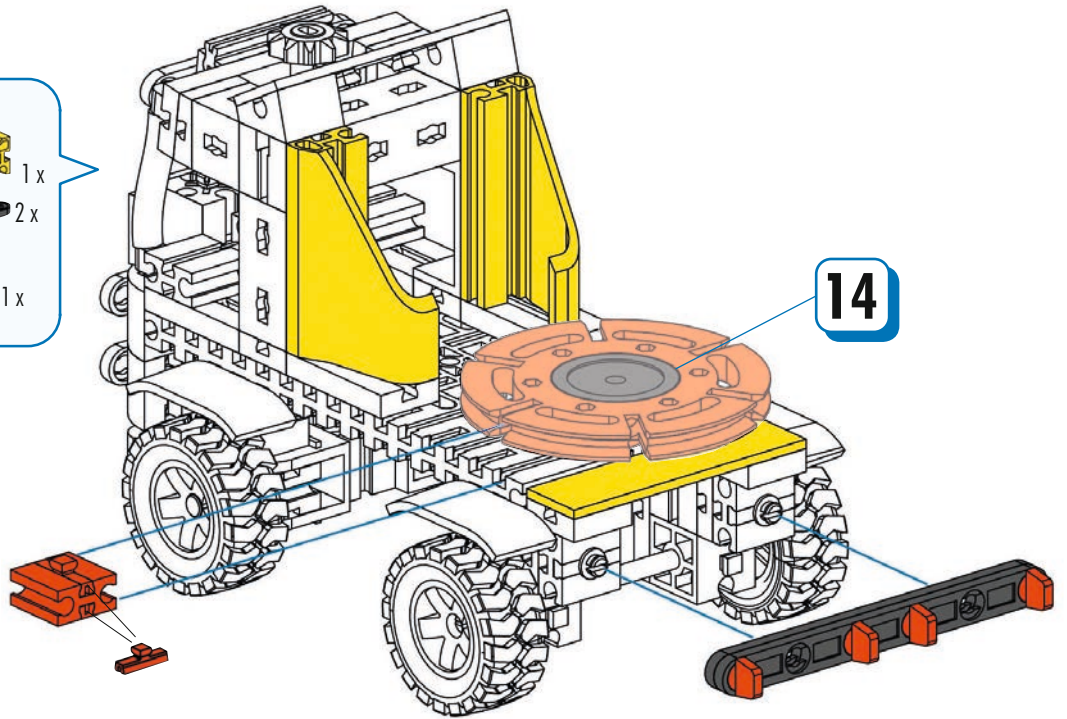
-  2 x
-  3 x
-  2 x
-  1 x
-  2 x
-  2 x
-  2 x

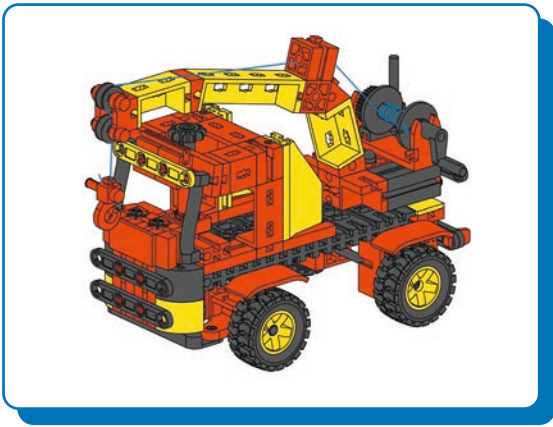




**14**  1x  1x  1x

**15**  1x  1x  
 1x  4x  2x  
 2x  1x





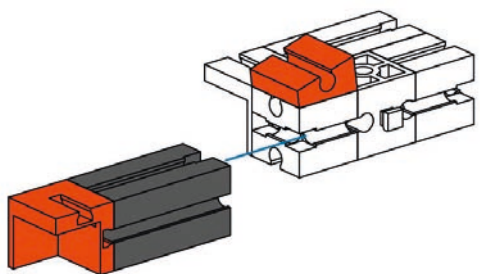
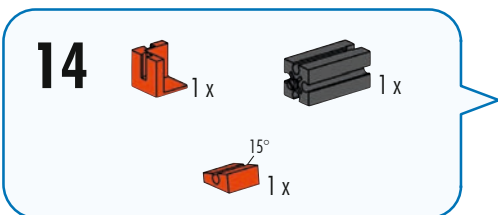
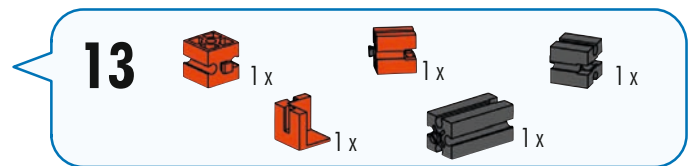
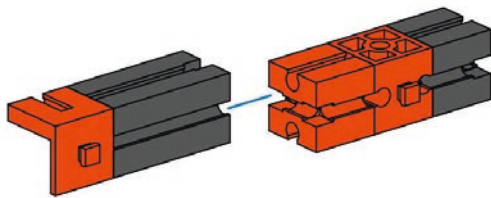
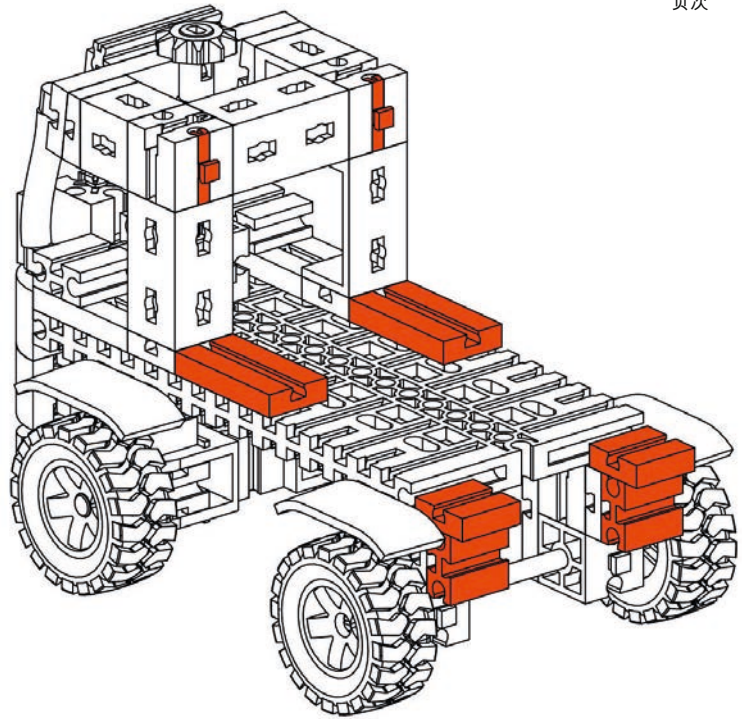
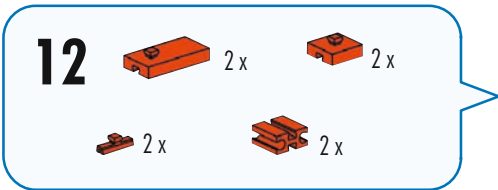
LKW-Kranwagen  
Mobile crane truck  
Camion grue

Vrachtwagen met kraan Autogrù  
Camión grúa  
Camião guindaste

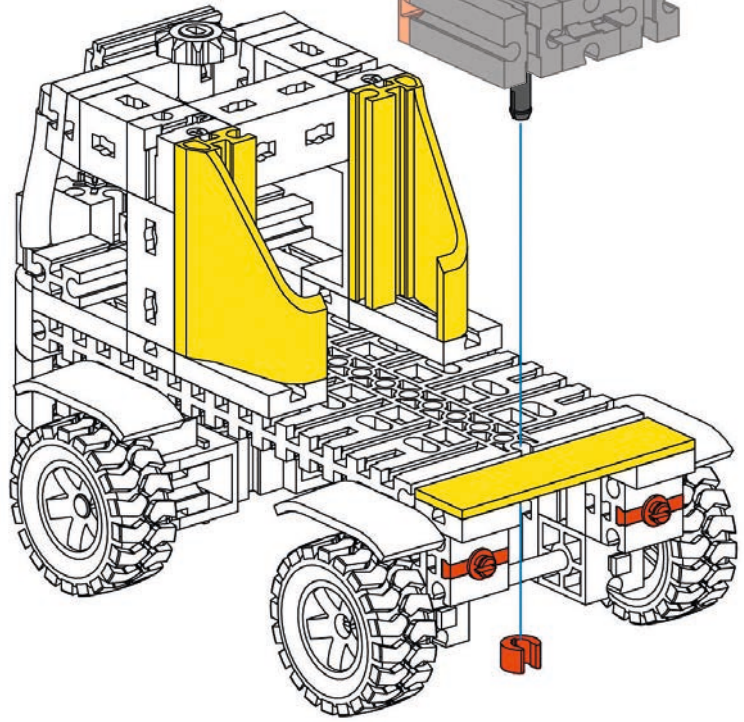
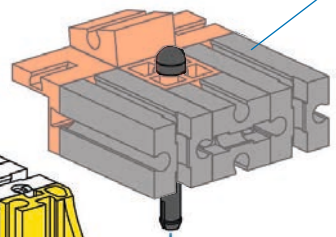
Автомобильный  
грузовой кран  
卡车-起重机下部台车

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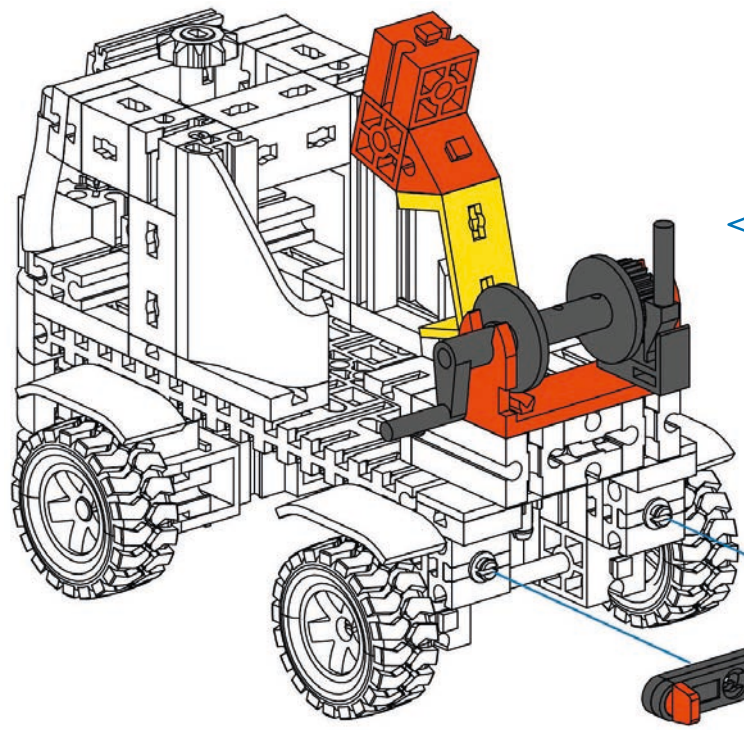
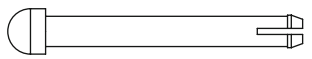






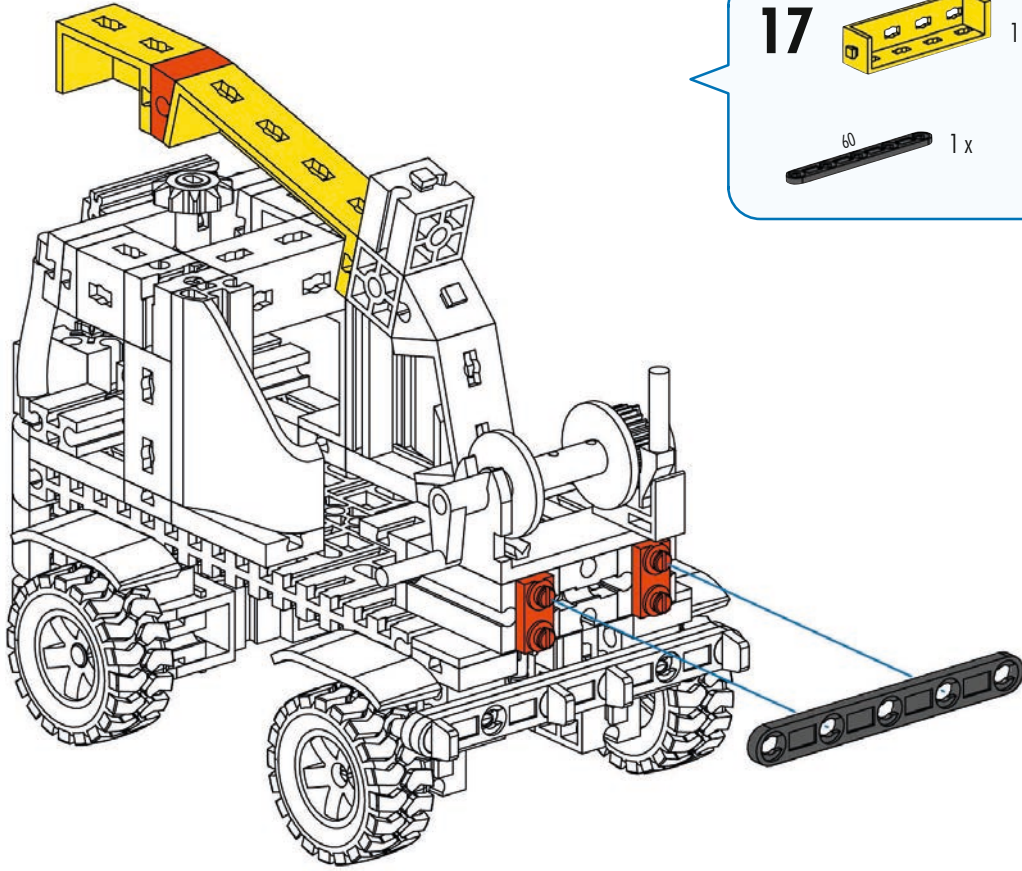
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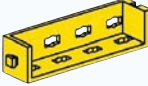




- Yellow L-shaped Technic beam: 1x
- Yellow curved Technic beam: 1x
- Red Technic pin: 2x
- Yellow Technic beam with 3 holes: 1x
- Black Technic axle: 1x
- Red Technic bush: 1x









**16**

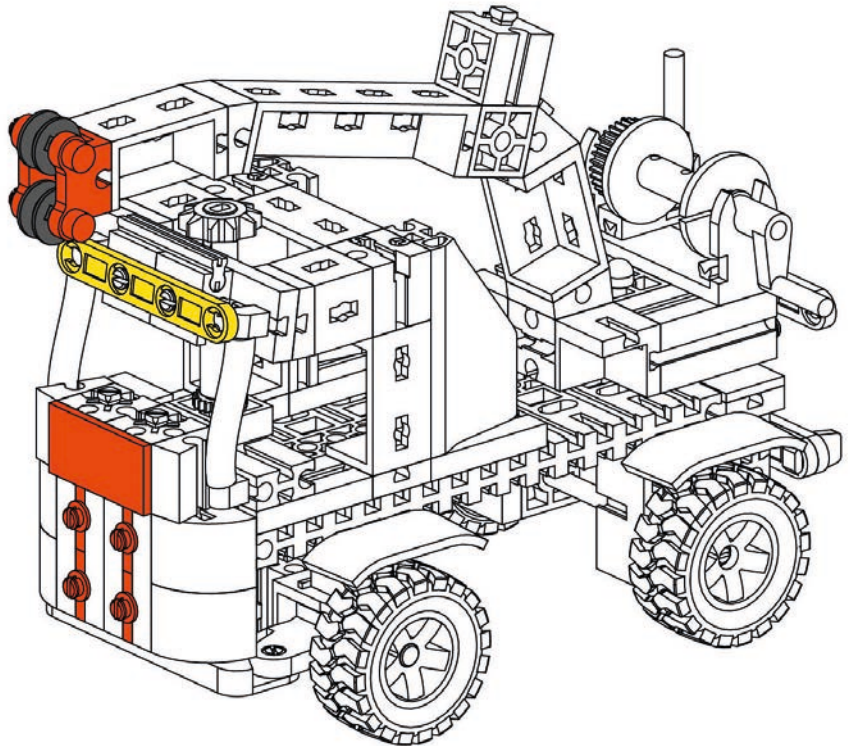
- Red and grey gear assembly: 1x
- Black L-shaped Technic beam: 1x
- Yellow Technic beam with 2 holes: 1x
- Red 60-degree Technic bush: 1x
- Red Technic bush: 2x
- Black Technic axle with 75 holes: 2x
- Red Technic bush with a hole: 4x

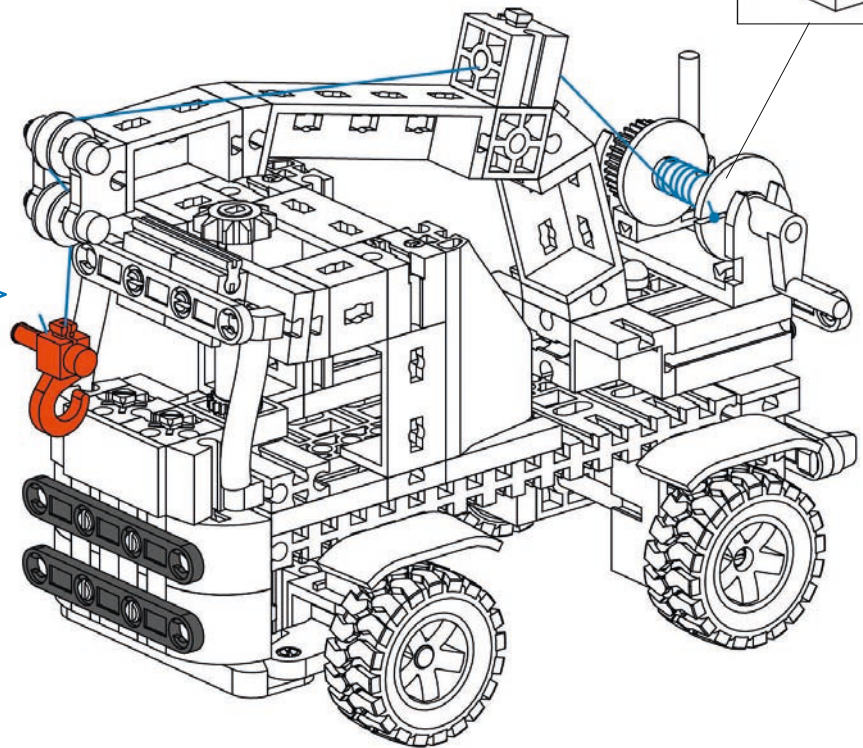
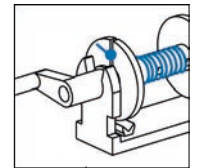


- 17**
-  1x
  -  1x
  -  1x
  -  2x
  -  1x







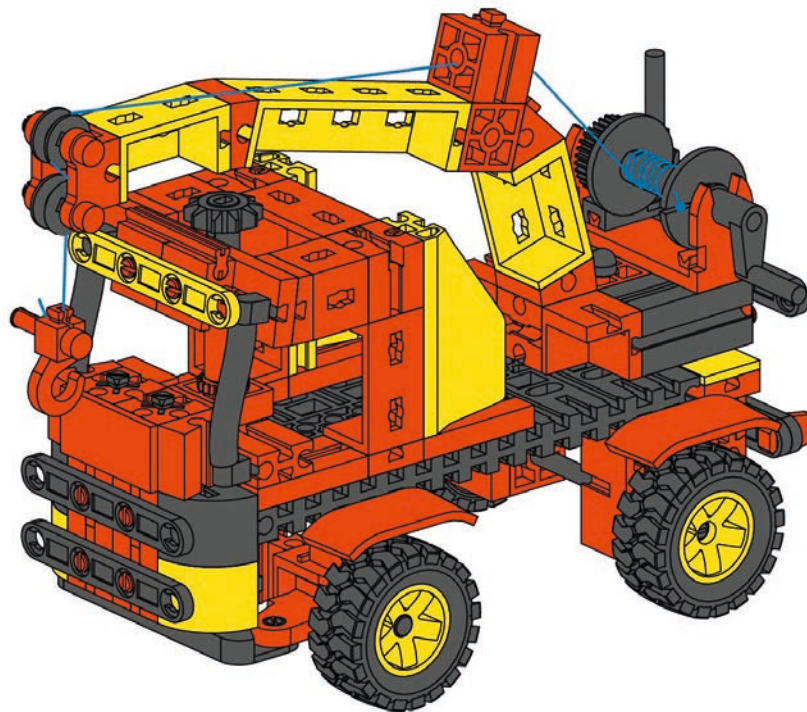
- 18**
-  1x
  -  2x
  -  2x
  -  4x
  -  1x
  -  1x





**19**

-  1 x
-  1 x
-  1 x
-  45 2 x



**Motorisierung**  
**Motorization**  
**Motorisation**

**Motorisering**  
**Motorización**  
**Motorizaçã**

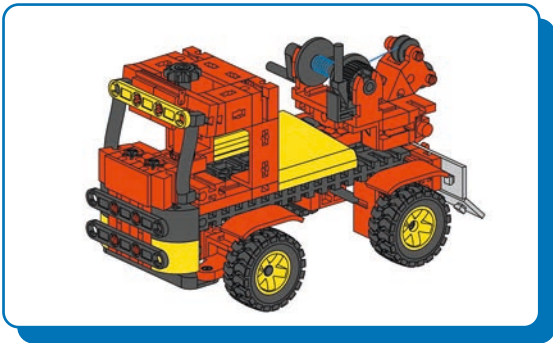
**Motorizzazione**  
 Приводной механизм  
 电动卷扬机 机动化与



Motor Set XS 505 281

Bauanleitung Plus Sets Universal 4 / Building instructions PLUS sets for Universal 4 / Instructions de montage PLUS Sets pour Universal 4 / Bouwinstructie PLUS-sets voor Universal 4 / Instrucciones de montaje PLUS Sets para Universal 4 / Instruções de montagem PLUS Kits para Universal 4 / Istruzioni per la costruzione dei kit PLUS per Universal 4 / Руководство по сборке комплектов PLUS для Universal 4 / Universal 4 升级套件组装说明书

[www.fischertechnik.de/PLUS-Universal4](http://www.fischertechnik.de/PLUS-Universal4)



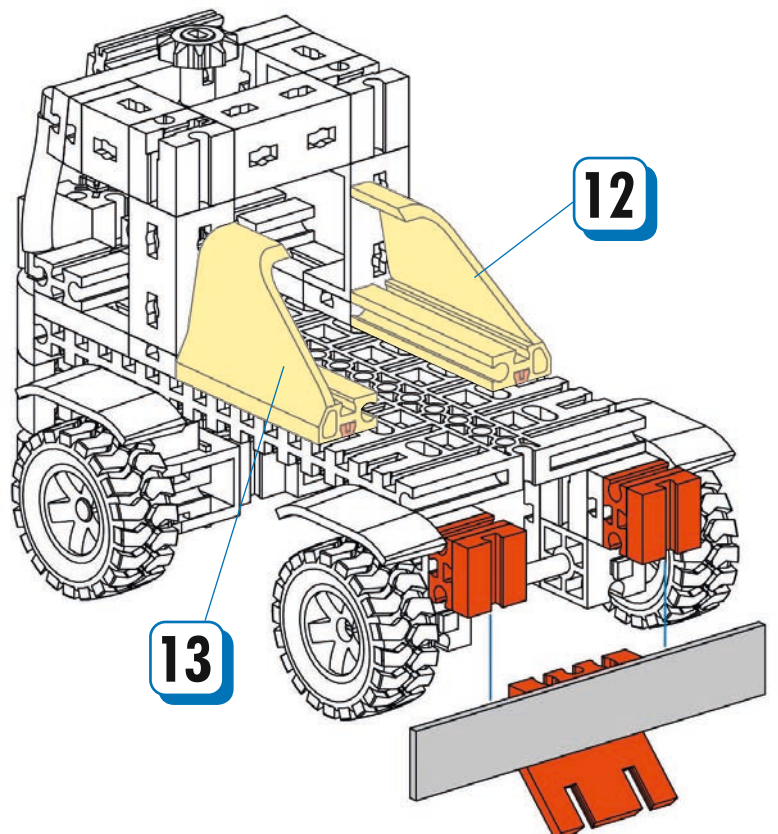
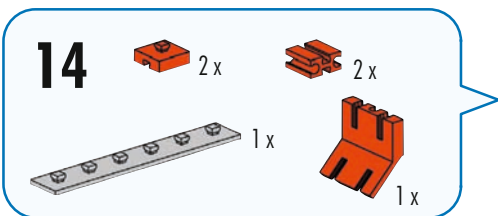
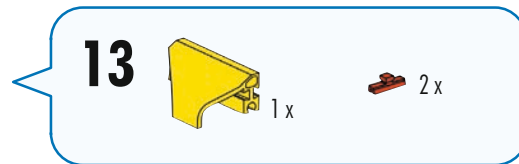
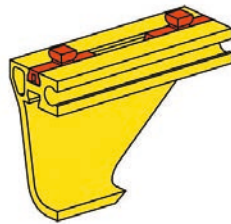
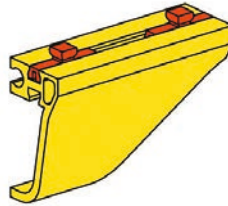
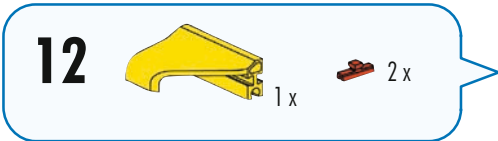
Forst-LKW  
Bucket truck  
Camion forestier

Bosbouwvrachtwagen  
Camión forestal  
Camião agrícola

Camion forestale  
Лесовоз  
林场用卡车

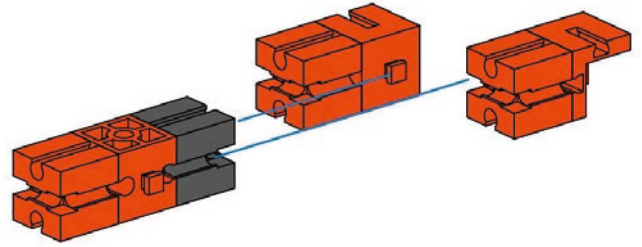
**1-11**

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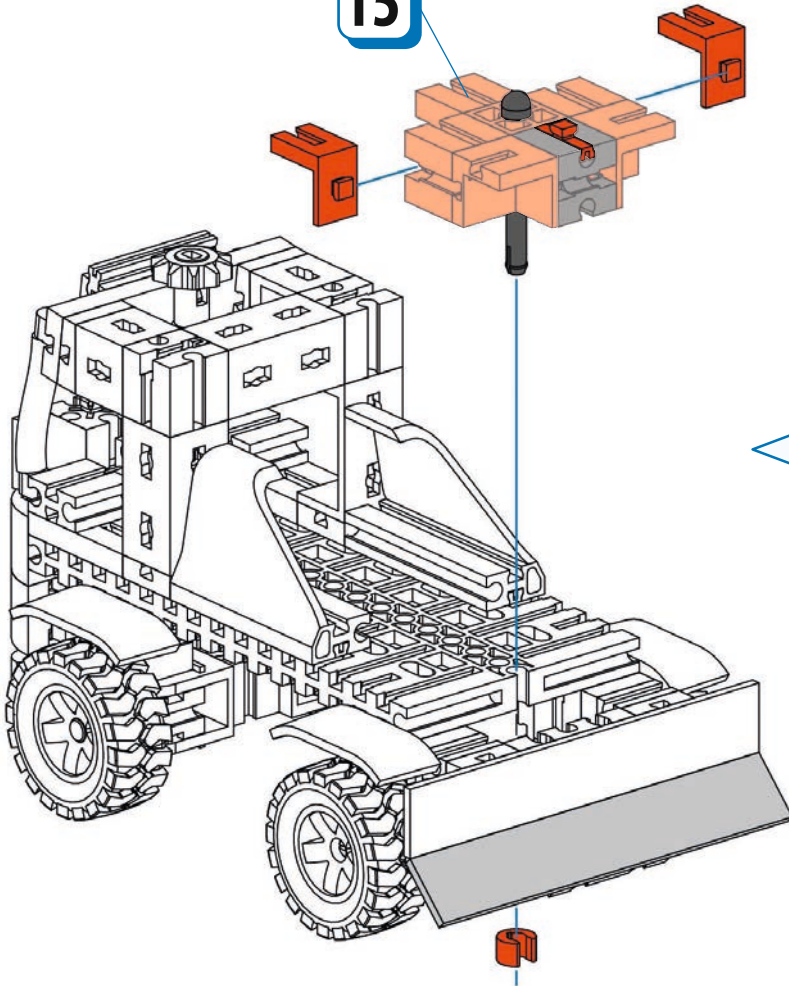


15

- 1x [Black Technic Pin]
- 3x [Orange Technic Pin]
- 1x [Orange Technic Pin]
- 2x [Orange Technic Pin]

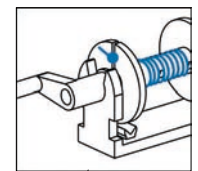
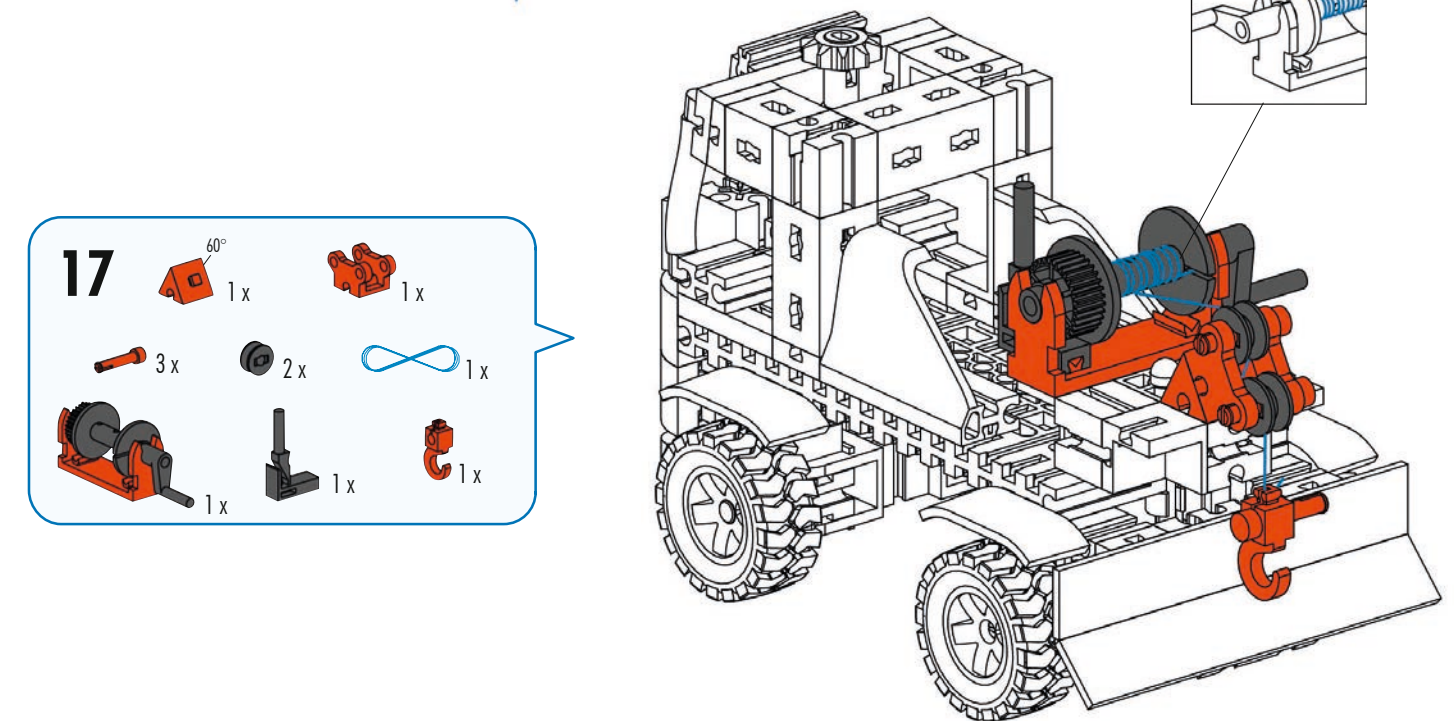
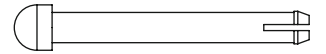


15



16

- 1x [Grey Technic Pin]
- 2x [Orange Technic Pin]
- 1x [Red Technic Pin]
- 1x [Orange Technic Pin]
- 1x [Grey Technic Pin]
- 1x [Grey Technic Pin]



17

- 1x [Orange Technic Pin]
- 1x [Orange Technic Pin]
- 3x [Orange Technic Pin]
- 2x [Grey Technic Pin]
- 1x [Blue Technic Pin]
- 1x [Grey Technic Pin]
- 1x [Grey Technic Pin]
- 1x [Orange Technic Pin]

18



1 x



45

1 x

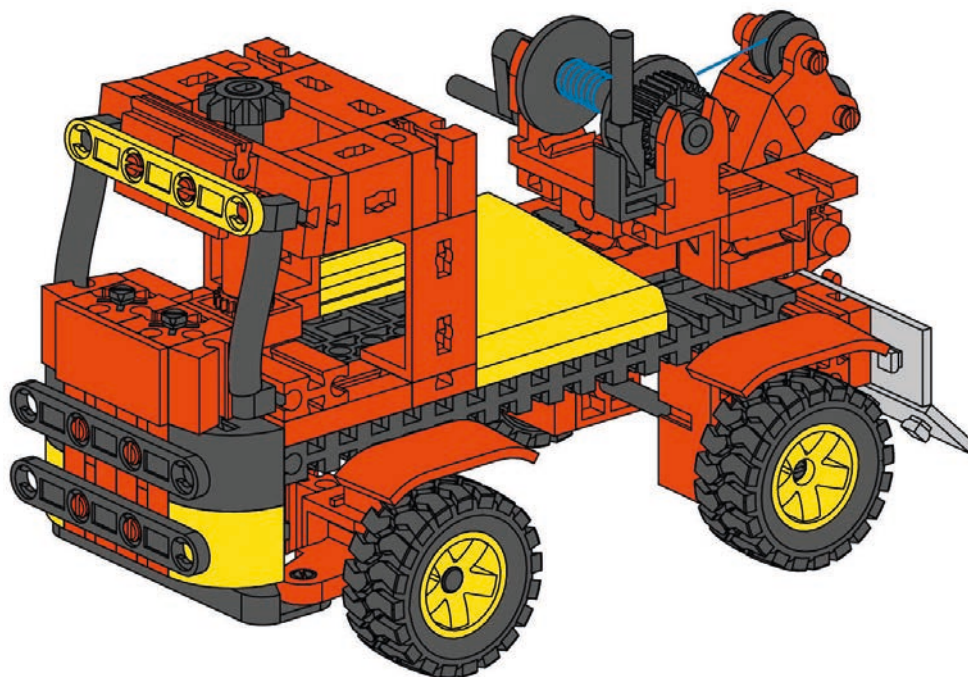
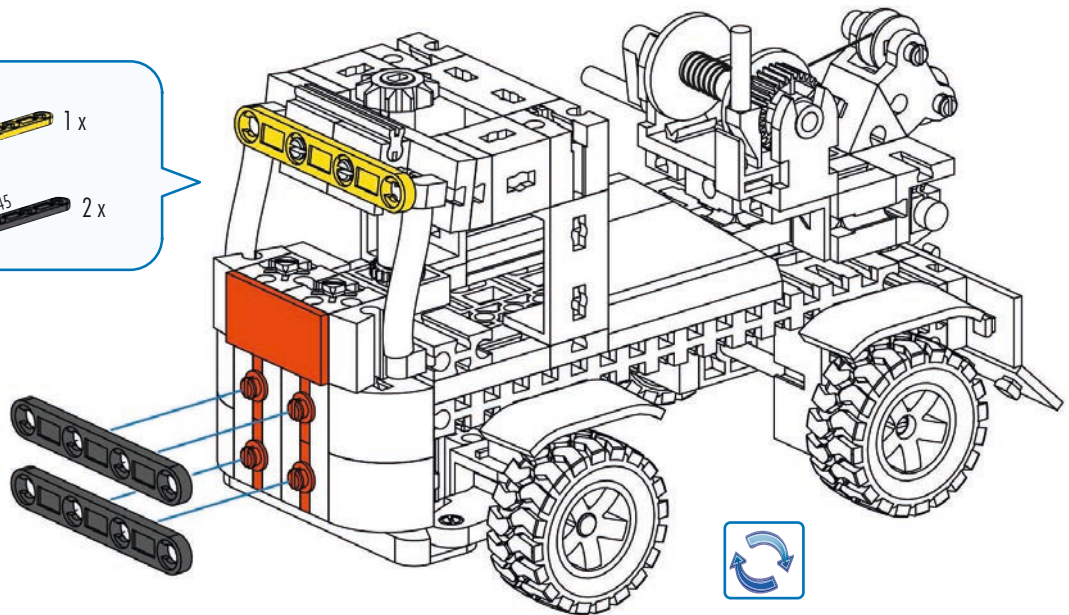


4 x



45

2 x



Motorisierung  
Motorization  
Motorisation

Motorisering  
Motorización  
Motorizaçáo

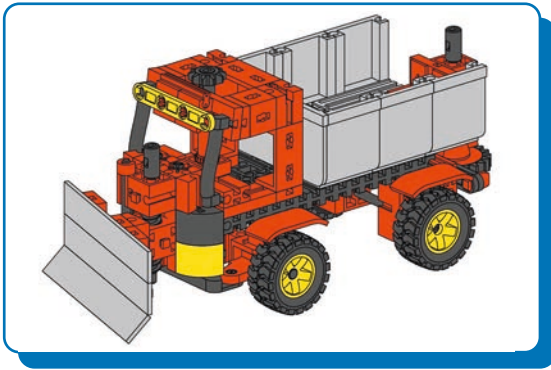
Motorizzazione  
Приводной механизм  
电动卷扬机 机动化与



Motor Set XS 505 281

Bauanleitung Plus Sets Universal 4 / Building instructions PLUS sets for Universal 4 / Instructions de montage PLUS Sets pour Universal 4 / Bouwinstructie PLUS-sets voor Universal 4 / Instrucciones de montaje PLUS Sets para Universal 4 / Instruções de montagem PLUS Kits para Universal 4 / Istruzioni per la costruzione dei kit PLUS per Universal 4 / Руководство по сборке комплектов PLUS для Universal 4 / Universal 4 升级套件组装说明书

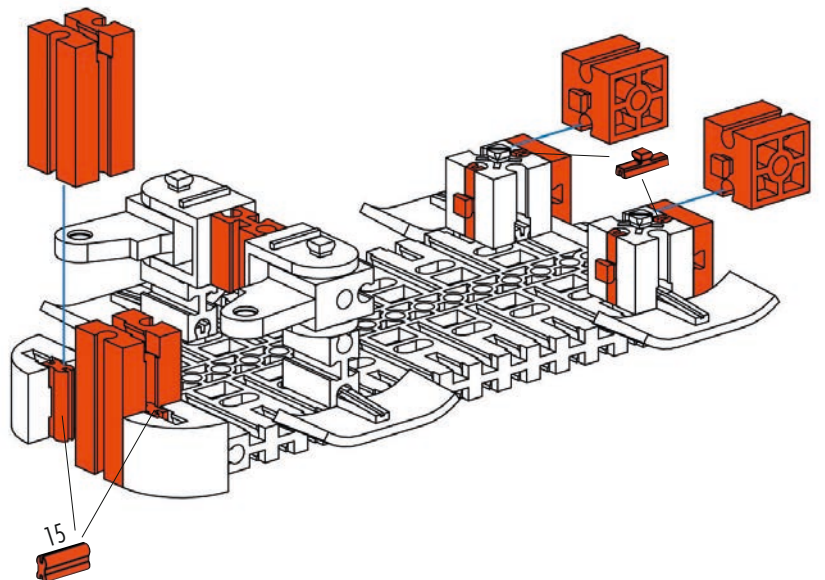
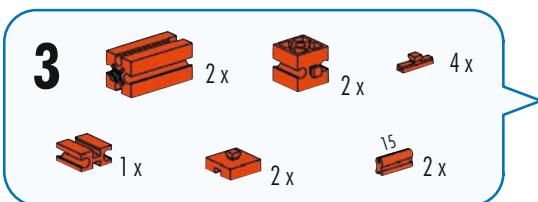
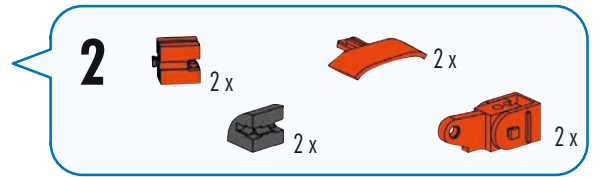
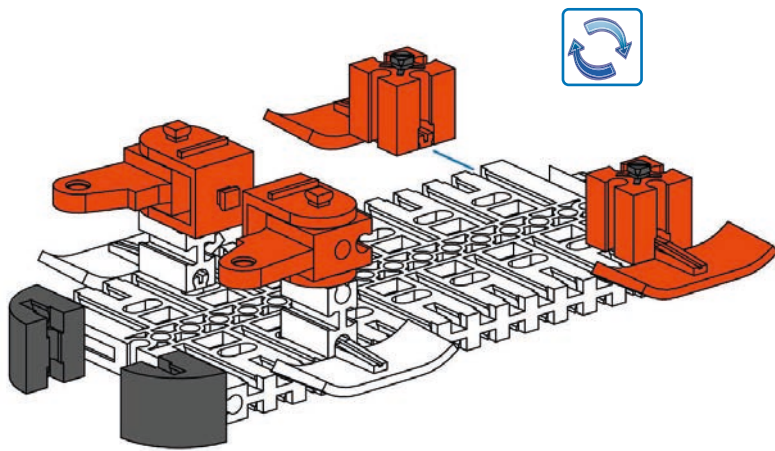
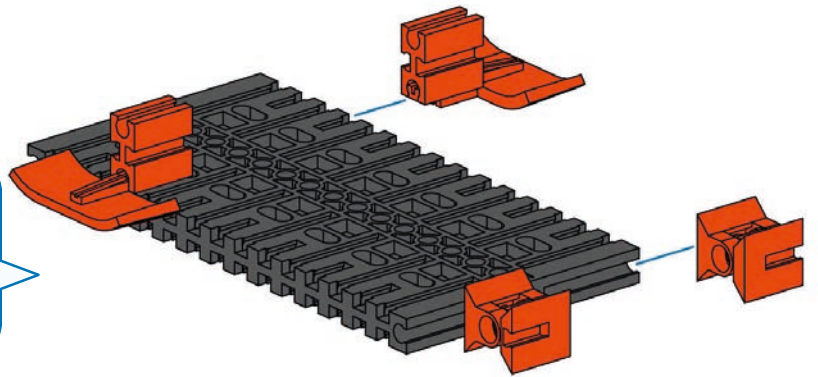
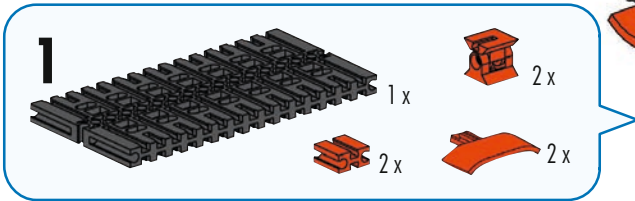
[www.fischertechnik.de/PLUS-Universal4](http://www.fischertechnik.de/PLUS-Universal4)



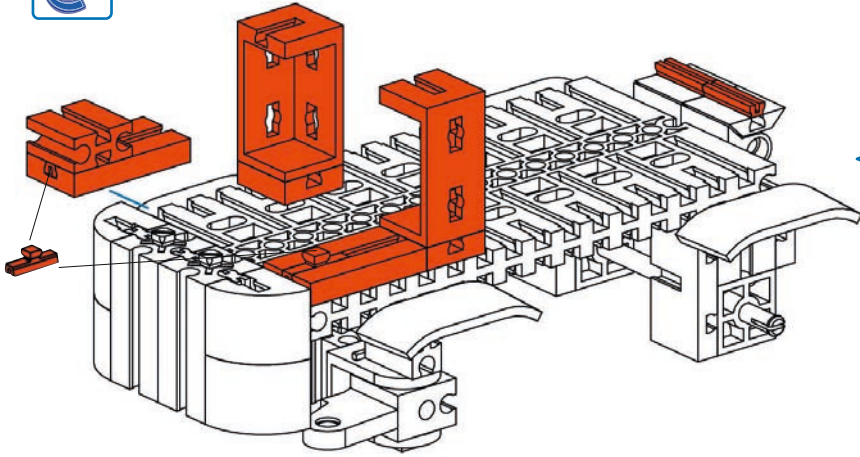
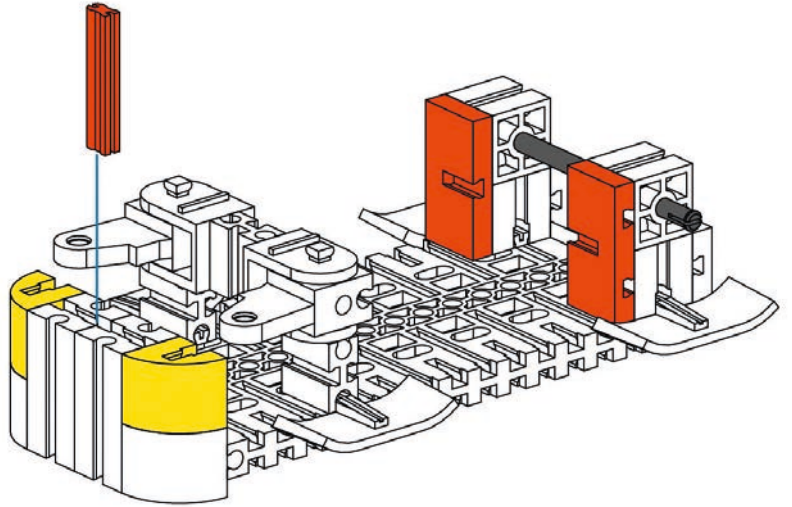
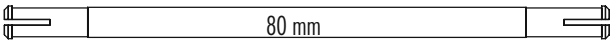
Schneepflug  
Snow plow  
Chasse-neige

Sneeuwplөг  
Quitanieves  
Removedor de neve

Spartineve  
Снегоочиститель  
推雪车

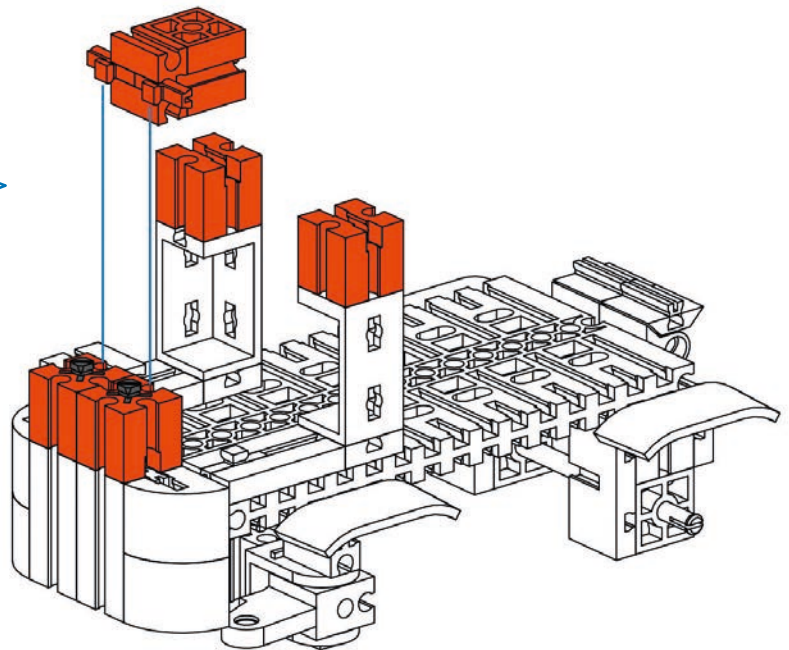


- 4**
- 2 x Yellow Technic Axle Connector
  - 2 x Red Technic Axle Connector
  - 1 x Black Technic Pin (80)
  - 1 x Red Technic Pin (30)

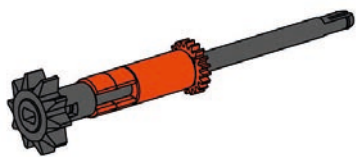


- 5**
- 2 x Red Technic Axle Connector
  - 1 x Red Technic Axle Connector
  - 4 x Red Technic Pin (30)
  - 2 x Red Technic Axle Connector
  - 2 x Red Technic Pin (30)

- 6**
- 4 x Red Technic Axle Connector
  - 1 x Red Technic Axle Connector
  - 1 x Red Technic Axle Connector
  - 2 x Red Technic Pin (30)





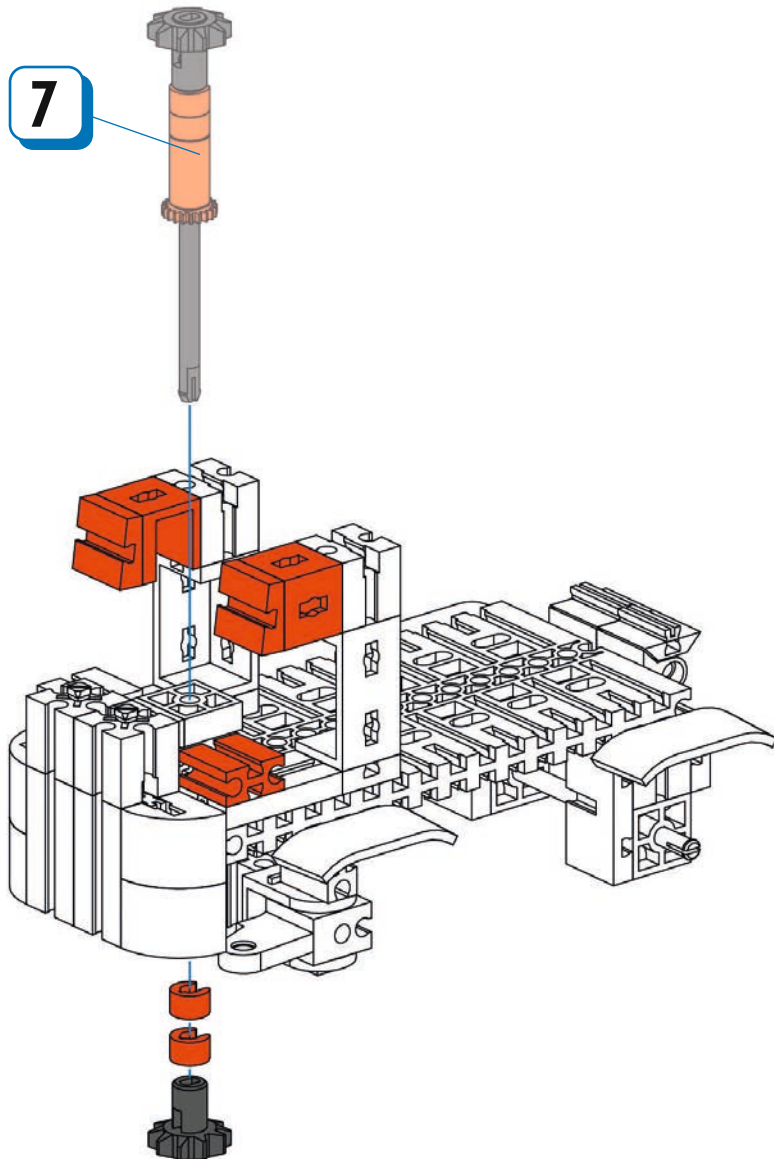


7

- 15 1x
- 1x
- 1x
- 1x
- 1x
- 2x

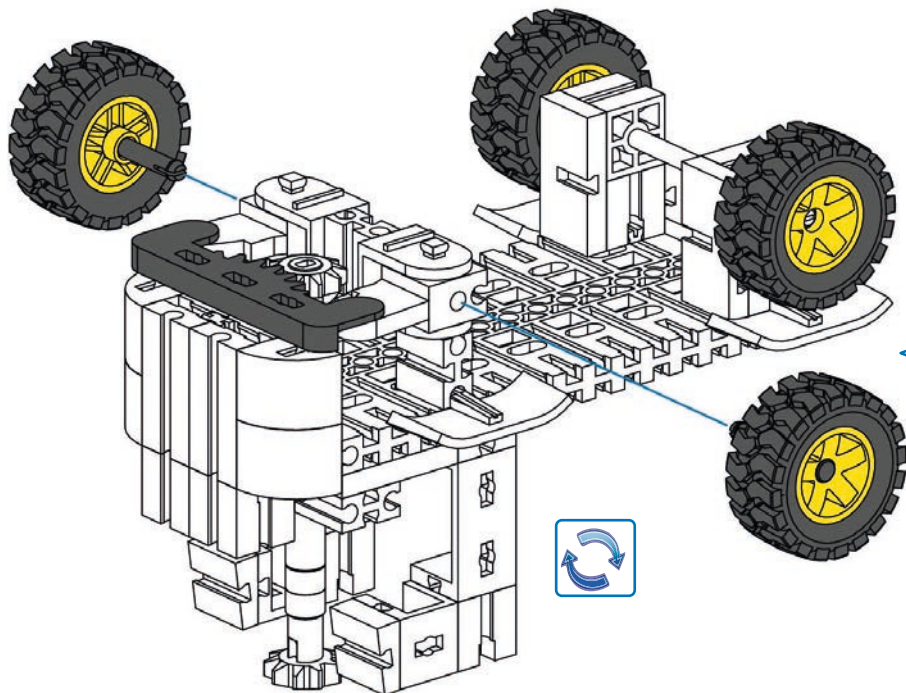
75 mm

7



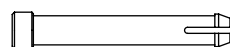
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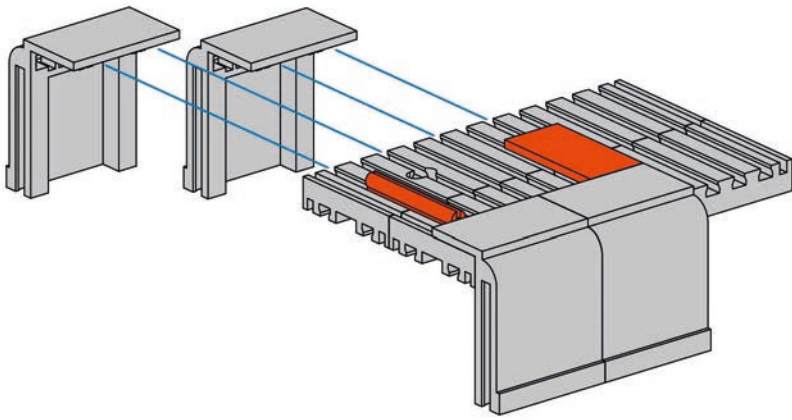
- 2x
- 7.5° 2x
- 1x
- 1x
- 2x



9

- 4x
- 2x
- 1x



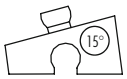


**10**

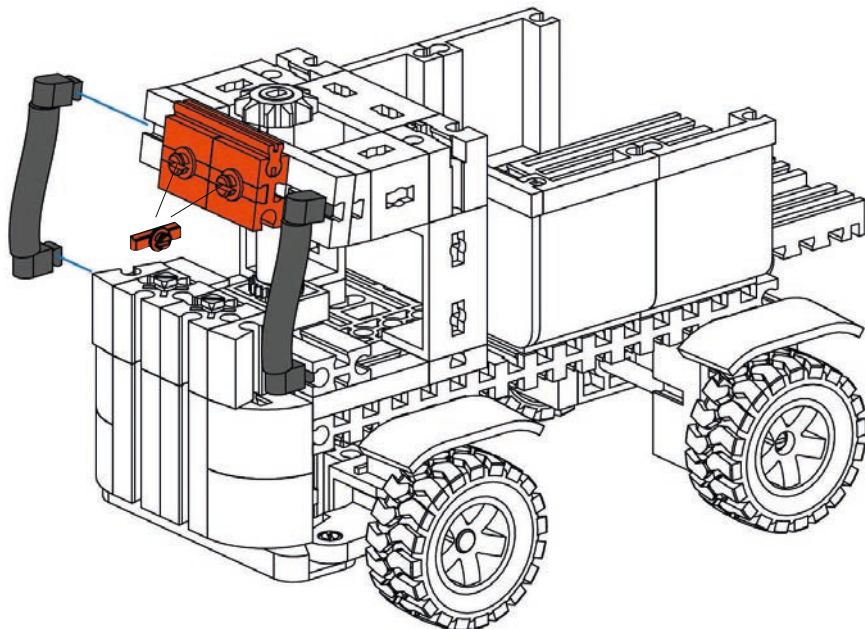
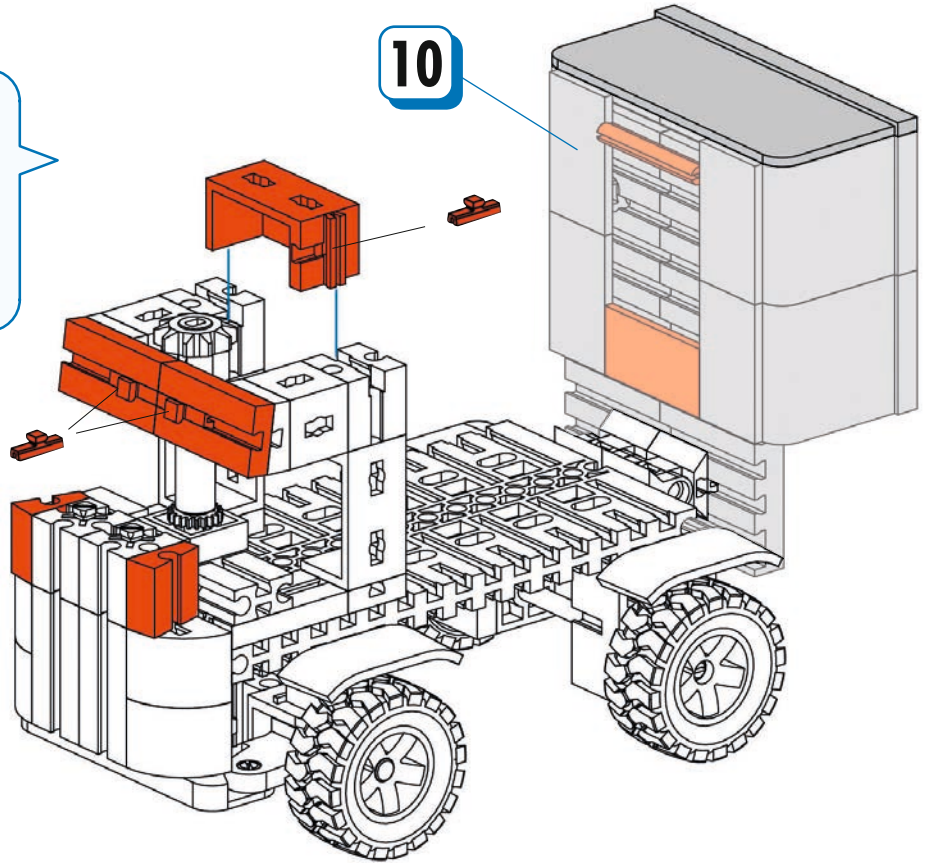
- 2 x [Grey Technic Beam]
- 1 x [Orange Technic Pin]
- 1 x [Orange Technic Pin 30]
- 4 x [Grey Technic Bracket]

**11**

- 1 x [Orange Technic Bracket]
- 3 x [Orange Technic Pin]
- 2 x [Orange Technic Pin]
- 1 x [Grey Technic Panel]
- 2 x [Orange Technic Pin 15°]



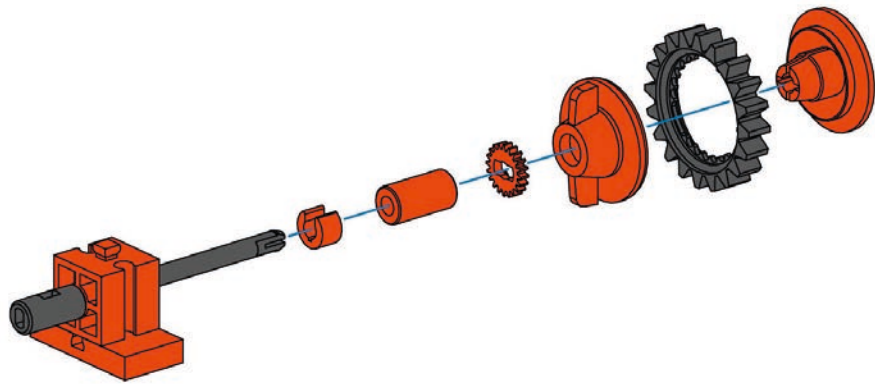
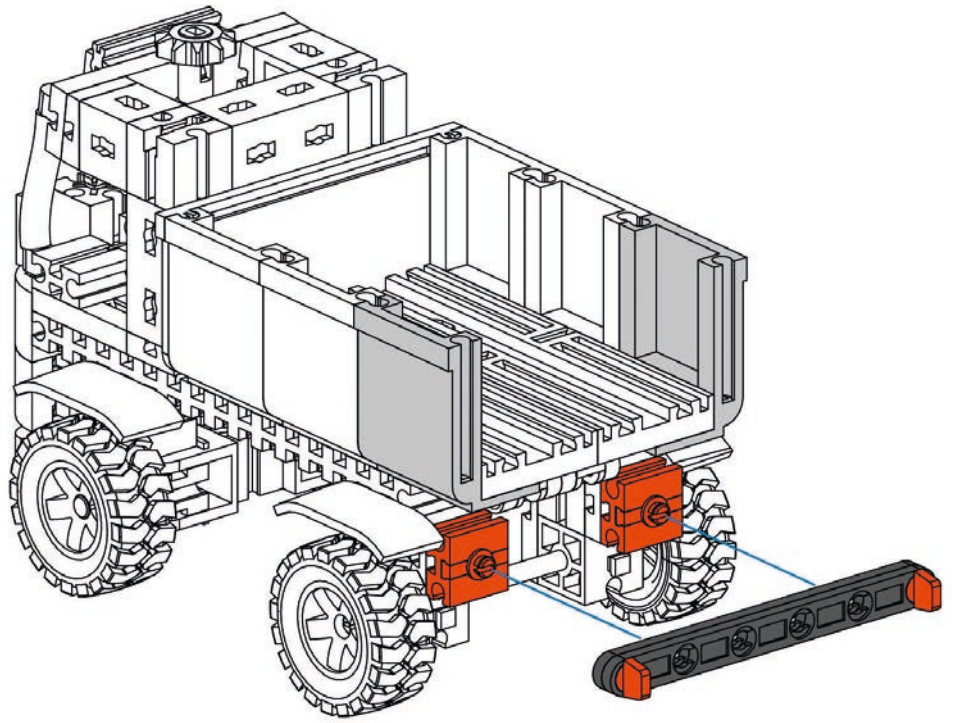
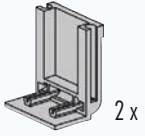
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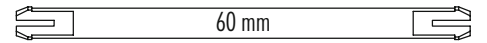
**12**

- 2 x [Orange Technic Pin]
- 2 x [Orange Technic Pin]
- 1 x [Orange Technic Pin 30]
- 4 x [Grey Technic Pin]
- 2 x [Grey Technic Pin]

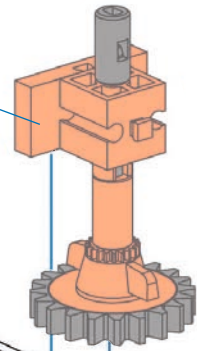
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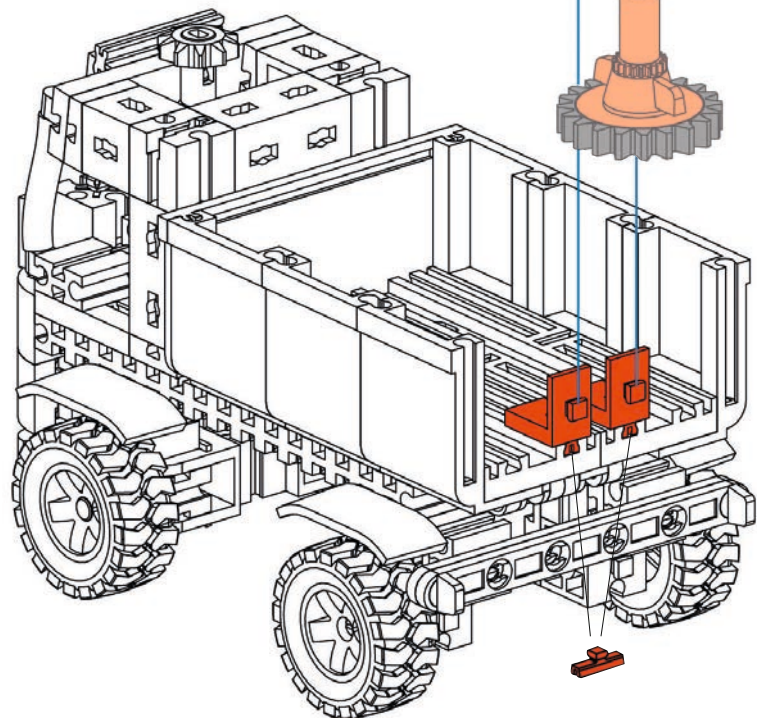
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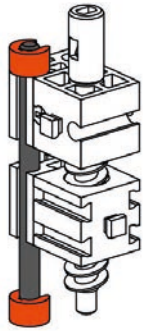
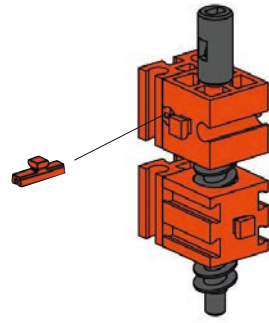
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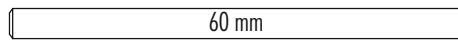
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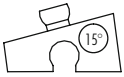
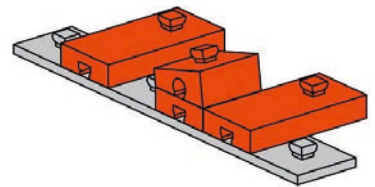
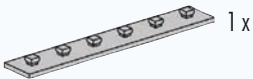
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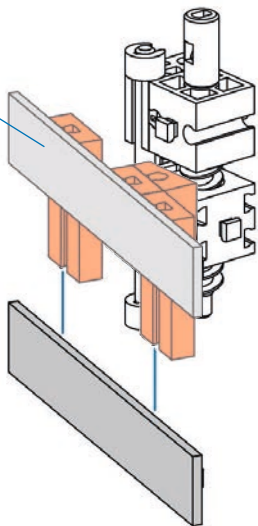
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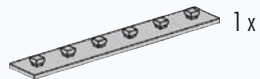
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18



19



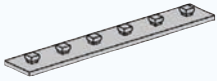
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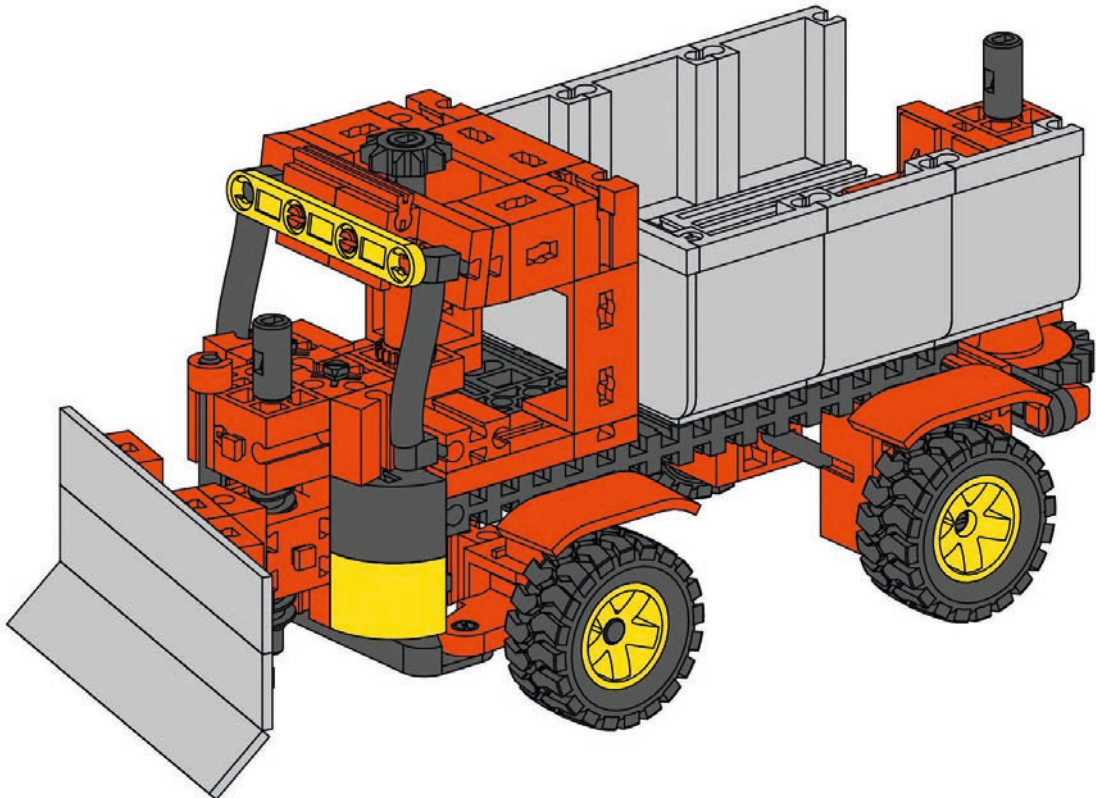
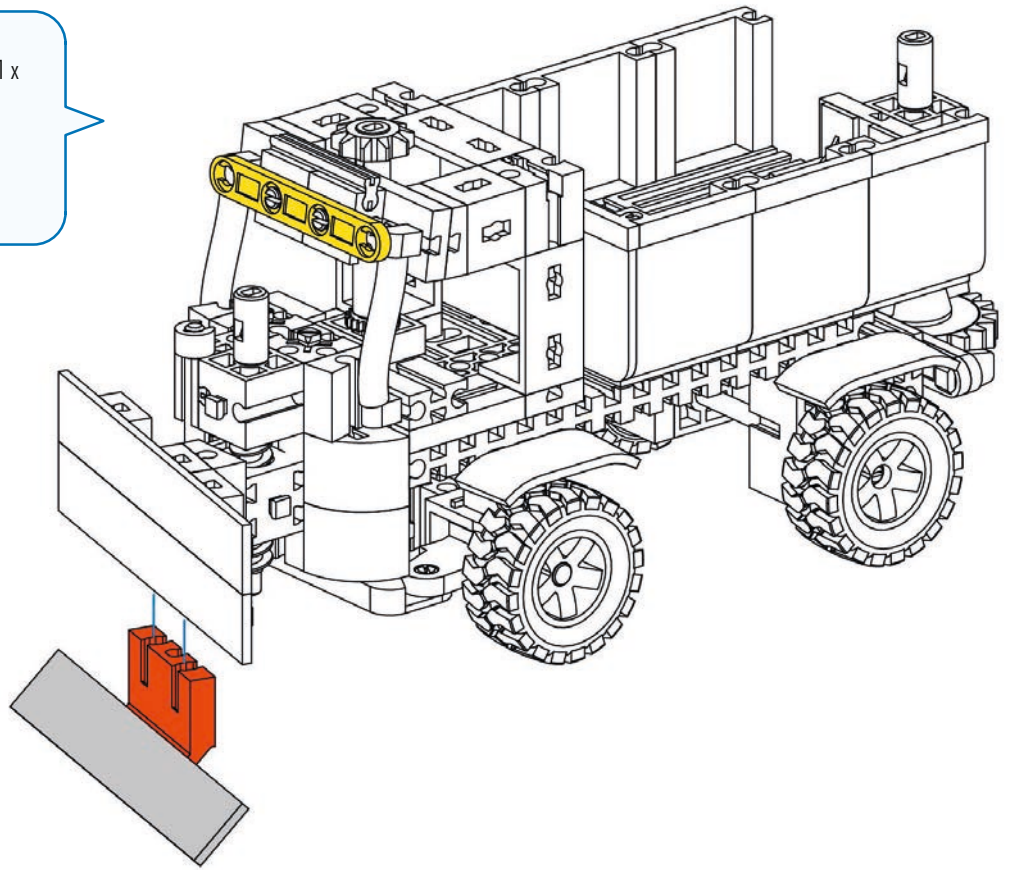
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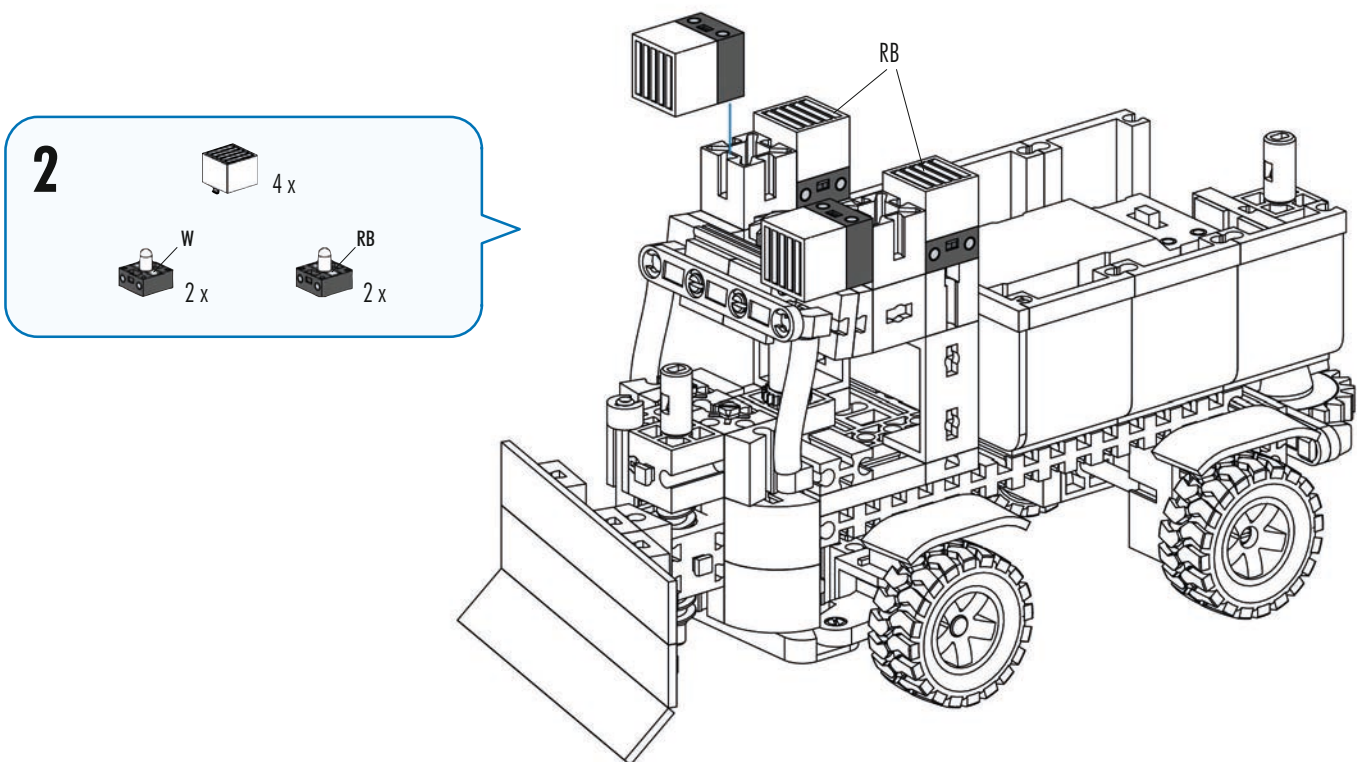
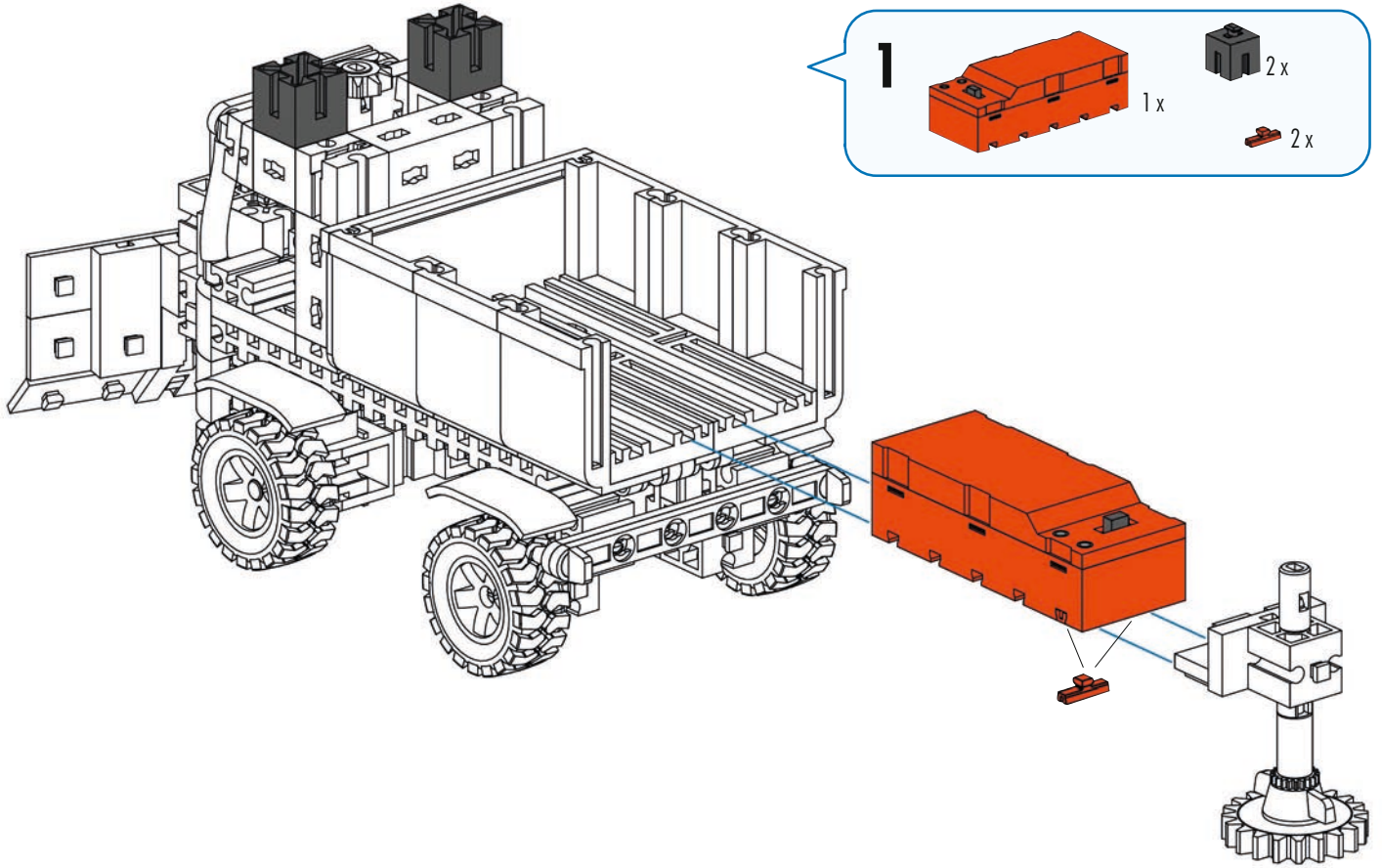


1x



1x



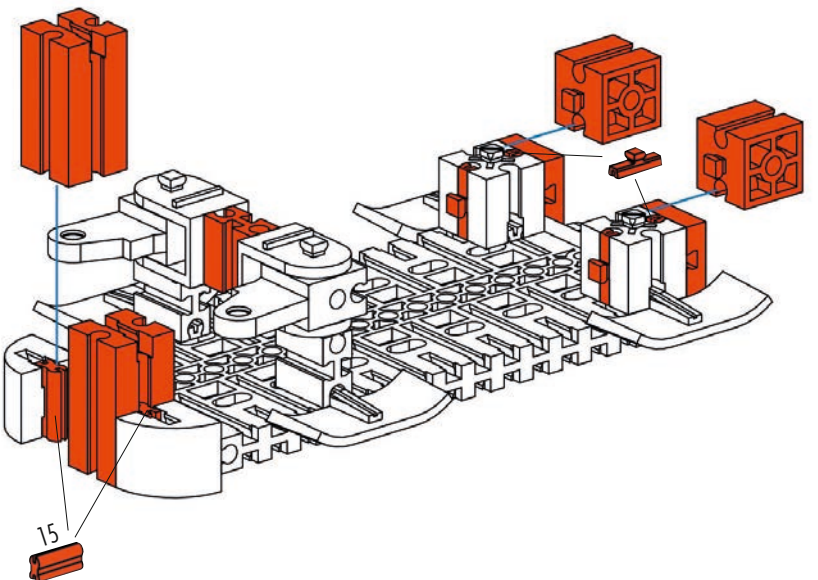
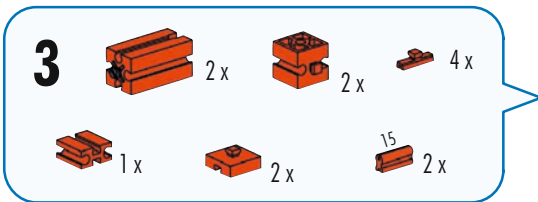
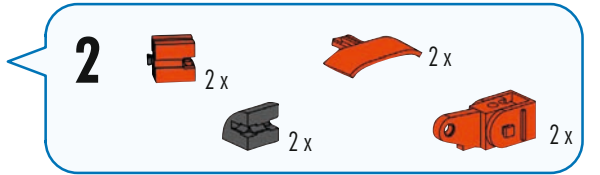
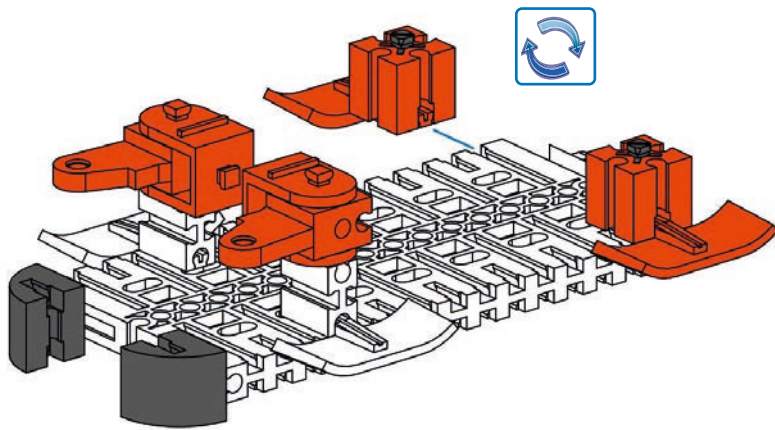
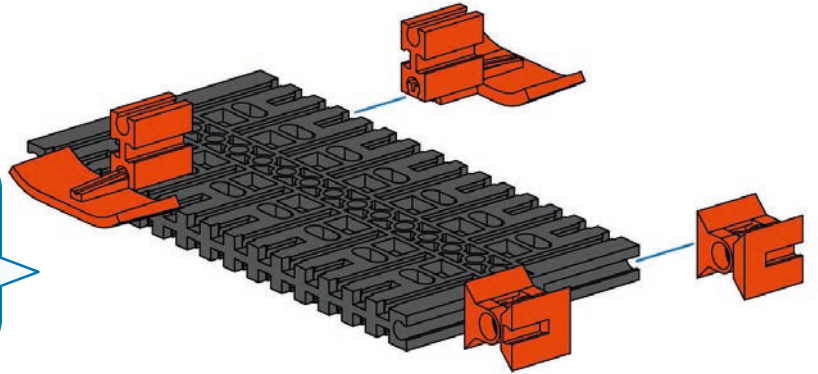
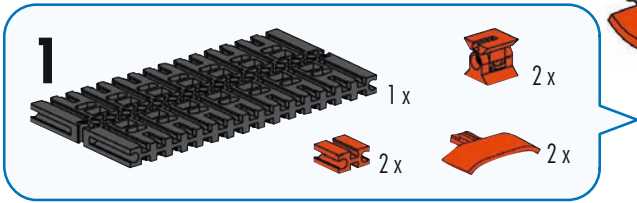




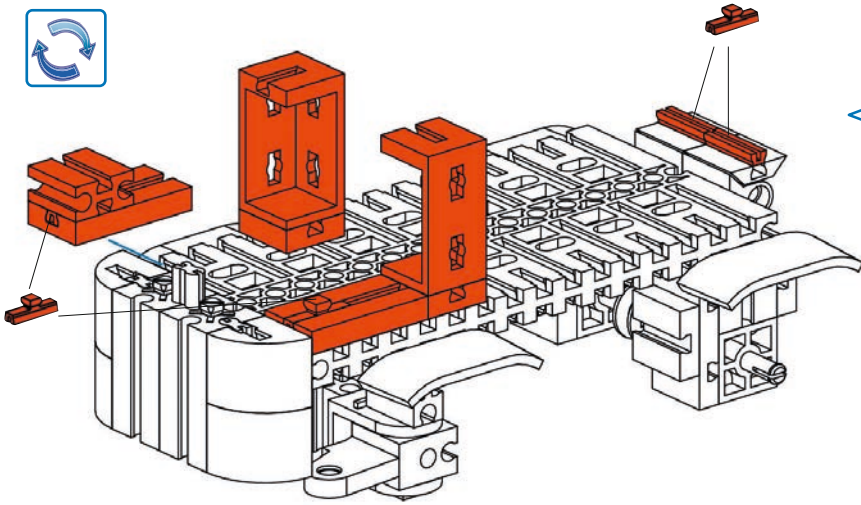
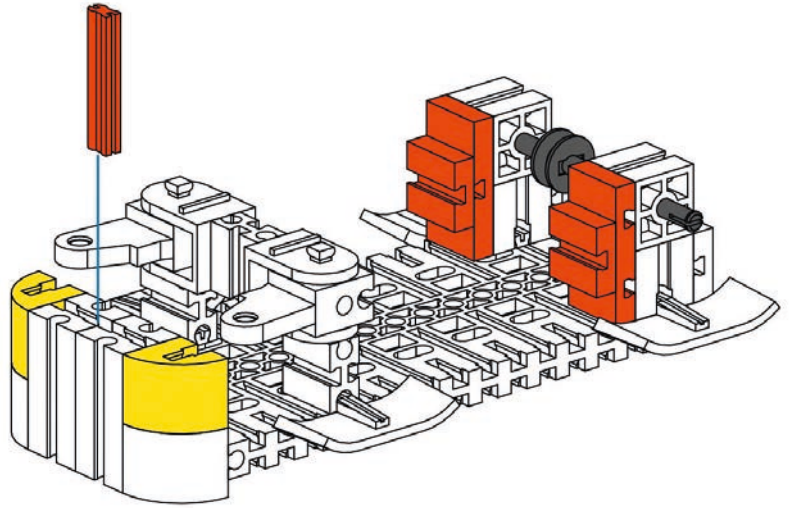
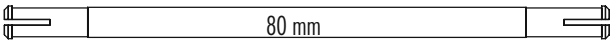
**Kipper**  
**Dump truck**  
**Camion à benne**  
**basculante**

**Kiepauto**  
**Volcador**  
**Caminhão basculante**

**Ribaltabile**  
**Самосвал**  
**翻斗卡车**

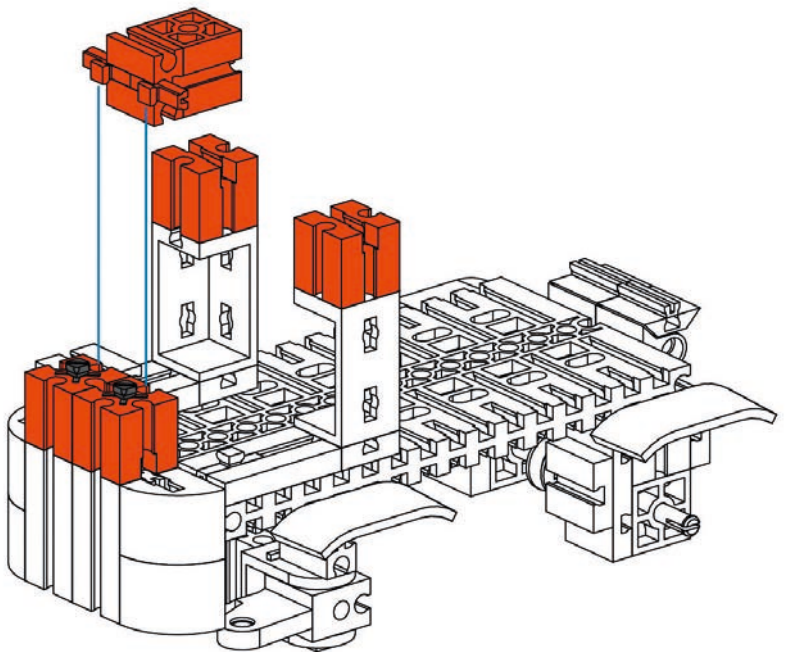


- 4**
- 2 x Yellow Technic Pin
  - 2 x Orange Technic Pin
  - 1 x Black Technic Pin
  - 1 x 80 mm Black Technic Axle
  - 1 x 30 mm Orange Technic Axle
  - 2 x Orange Technic 1x2 Pin
  - 2 x Orange Technic 1x3 Pin

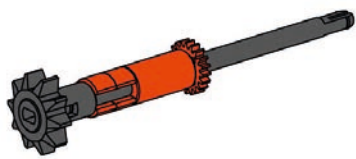


- 5**
- 2 x Orange Technic 1x2 Pin
  - 1 x Orange Technic 1x3 Pin
  - 4 x Orange Technic 1x1 Pin
  - 2 x Orange Technic 1x2 Pin
  - 2 x Orange Technic 1x3 Pin

- 6**
- 4 x Orange Technic 1x2 Pin
  - 1 x Orange Technic 1x3 Pin
  - 1 x Orange Technic 1x1 Pin
  - 2 x Orange Technic 1x1 Pin





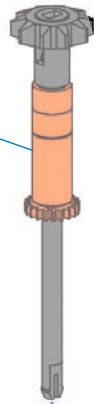


7

- 15 1x
- 1x
- 1x
- 1x
- 1x
- 2x

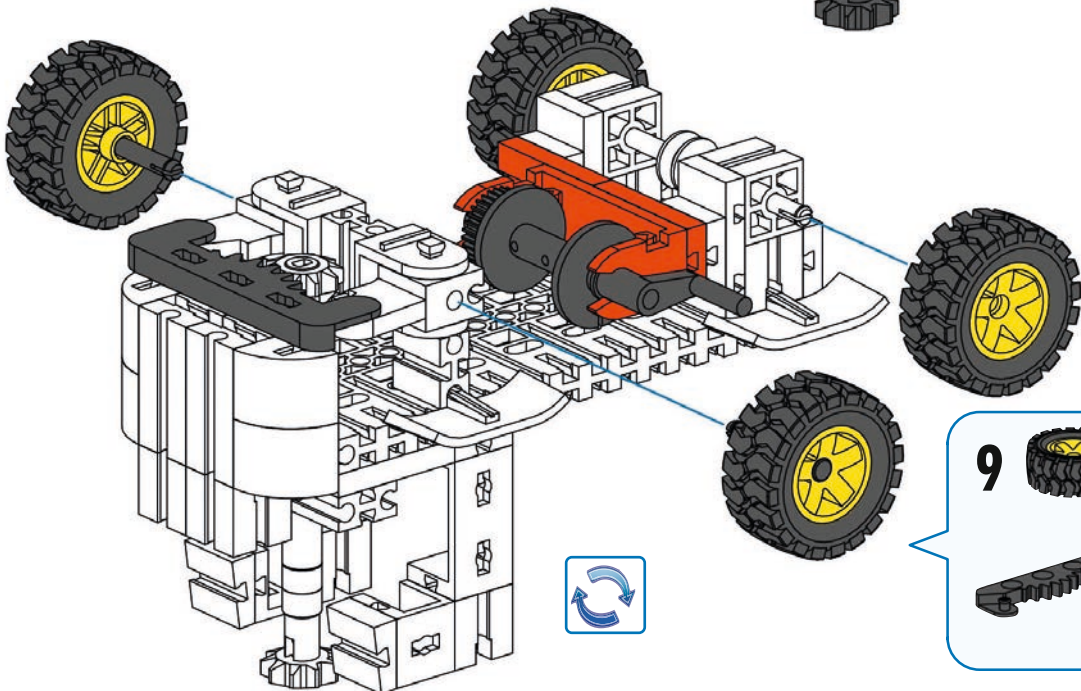
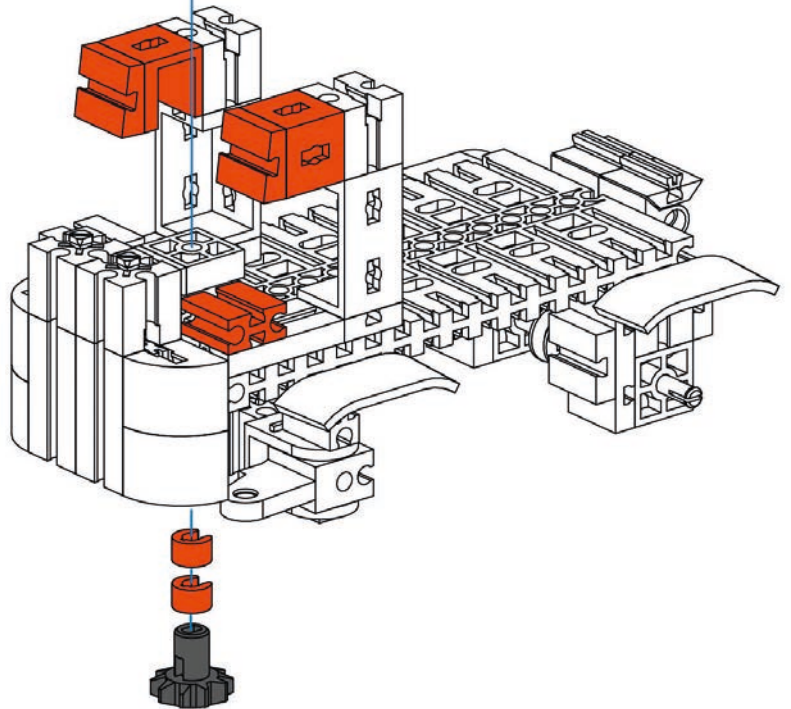
75 mm

7



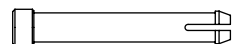
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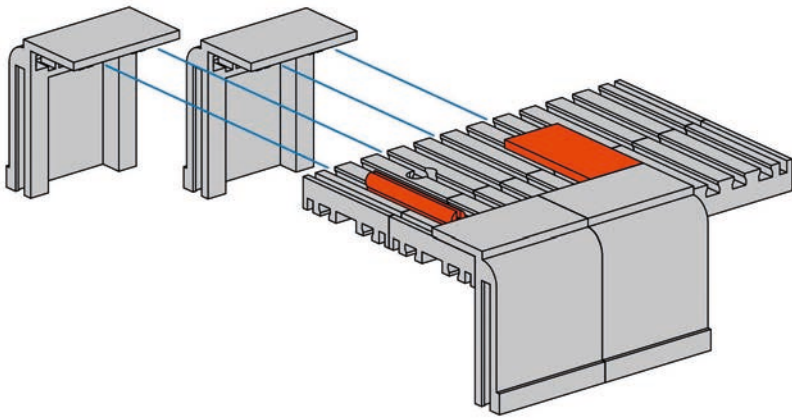
- 2x
- 7.5° 2x
- 1x
- 1x
- 2x



9

- 4x
- 2x
- 2x
- 1x
- 1x

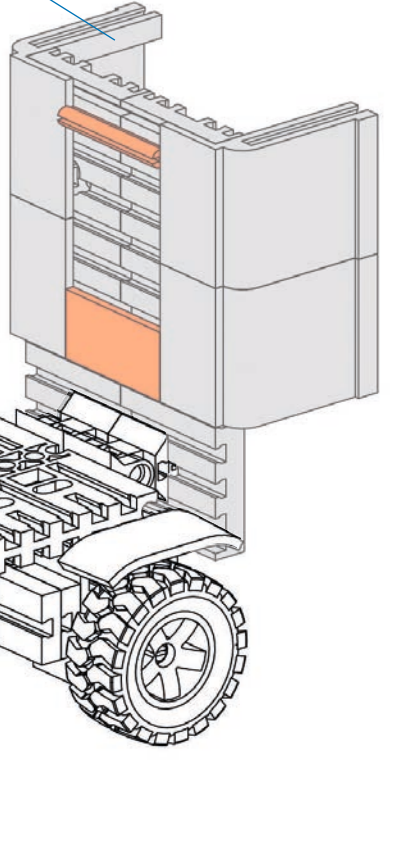




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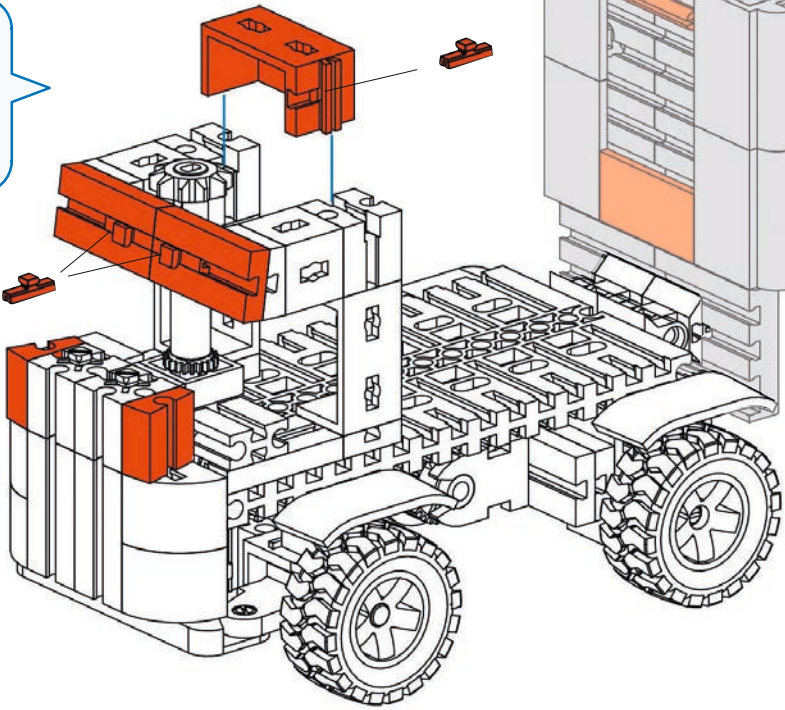
- 2 x [Grey Technic Beam 1x10]
- 1 x [Orange Technic Pin]
- 1 x [Orange Technic Pin 30]
- 4 x [Grey Technic Bracket]

**10**



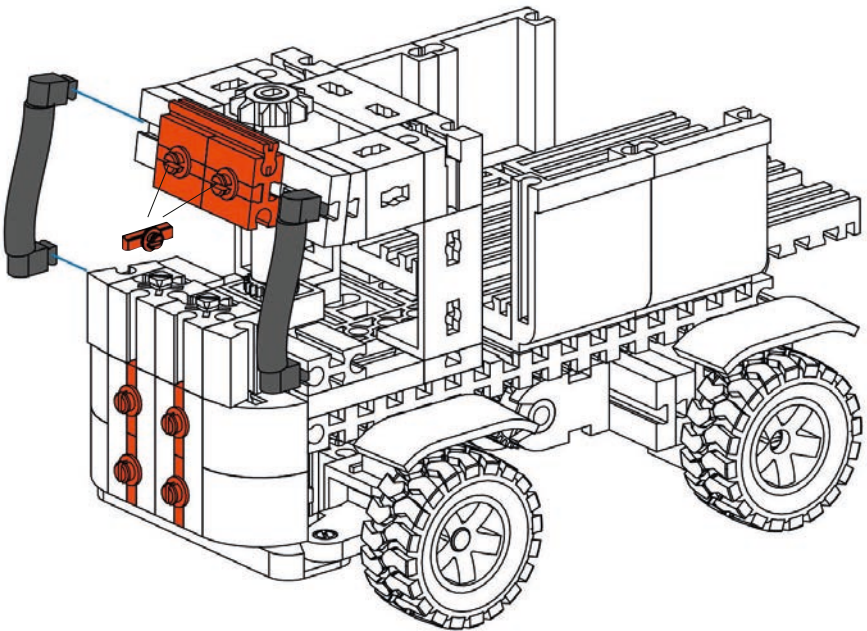
**11**

- 1 x [Orange Technic Bracket]
- 3 x [Orange Technic Pin]
- 2 x [Orange Technic Pin 15°]
- 2 x [Orange Technic Pin]



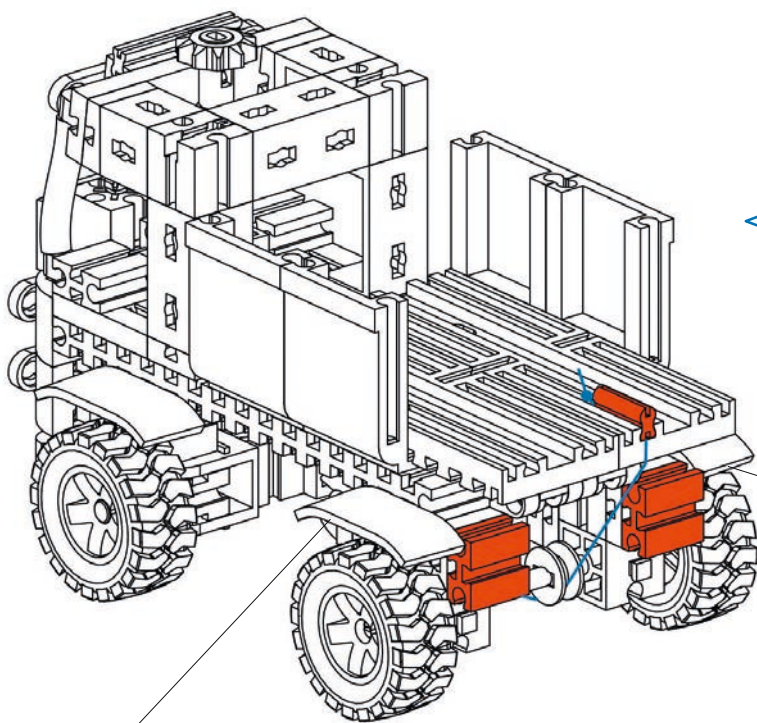
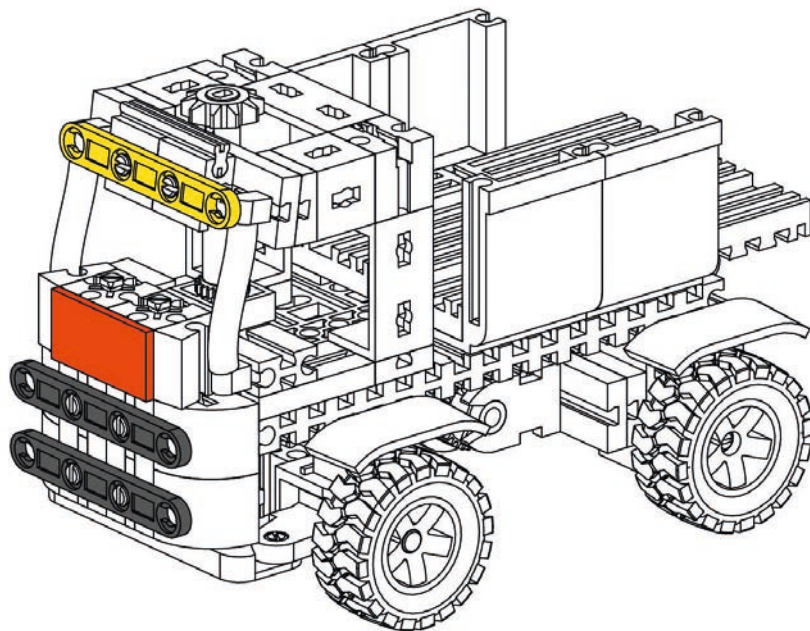
**12**

- 2 x [Orange Technic Pin]
- 6 x [Orange Technic Pin]
- 1 x [Orange Technic Pin 30]
- 4 x [Grey Technic Pin]
- 2 x [Grey Technic Pin]



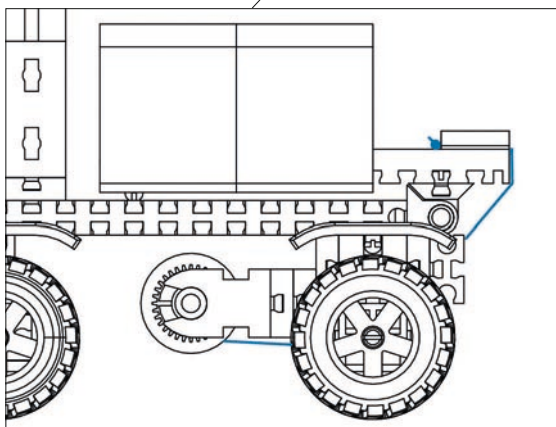
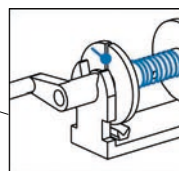
13

- 1 x
- 2 x
- 1 x



14

- 2 x
- 1 x
- 1 x



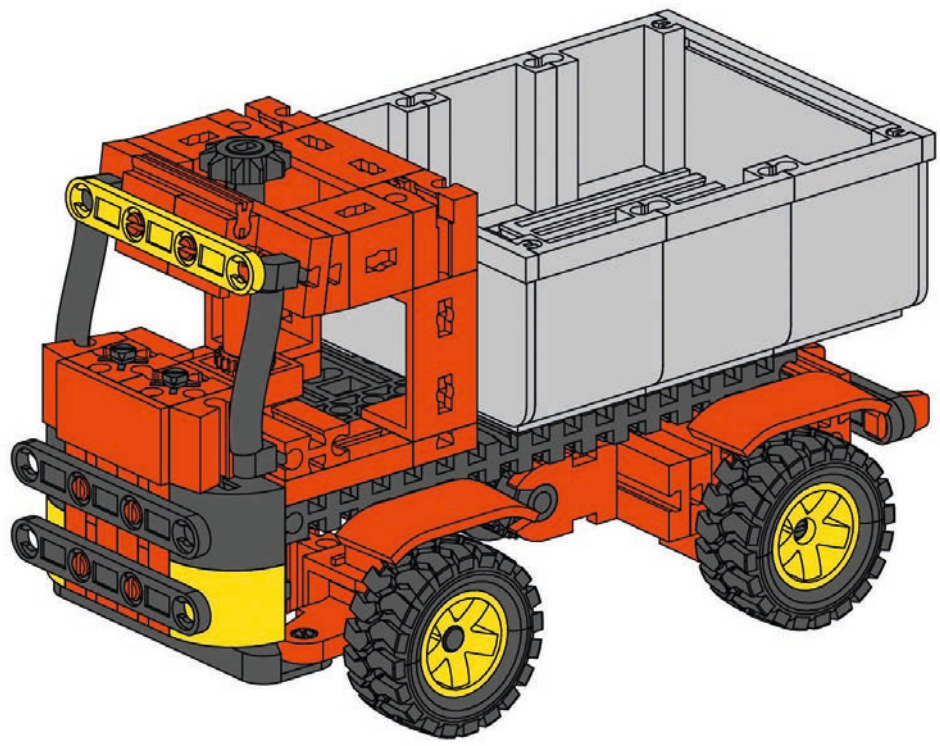
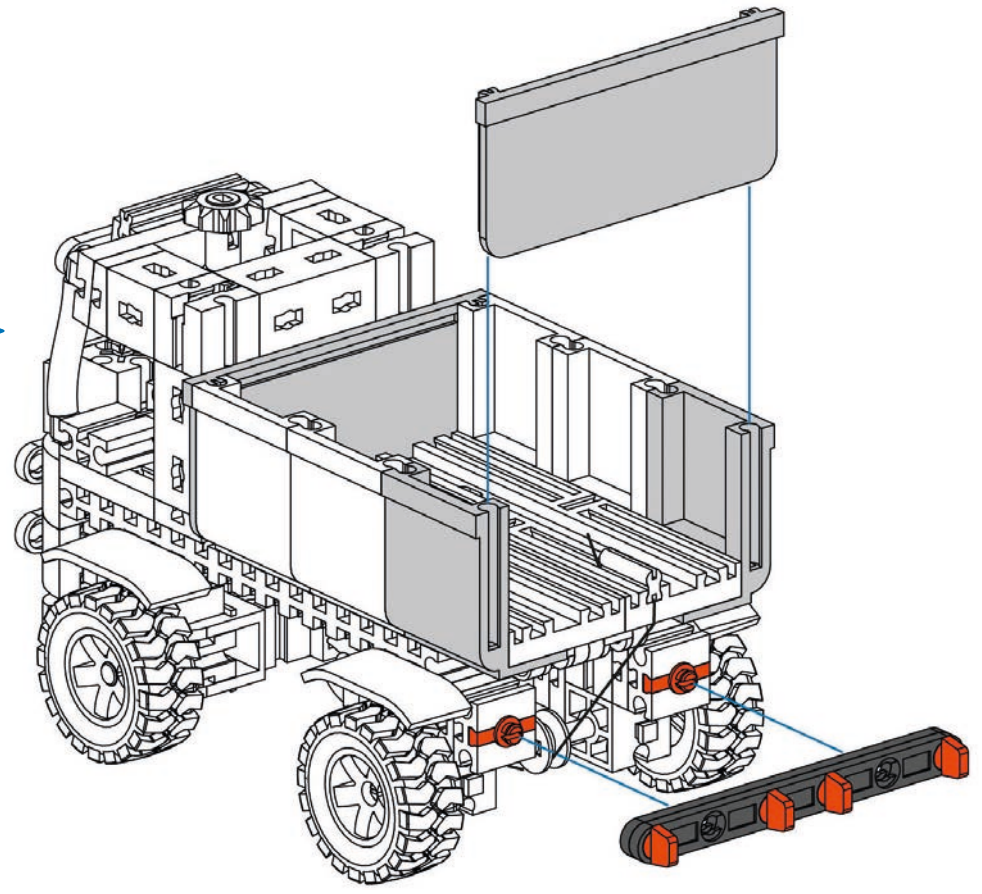
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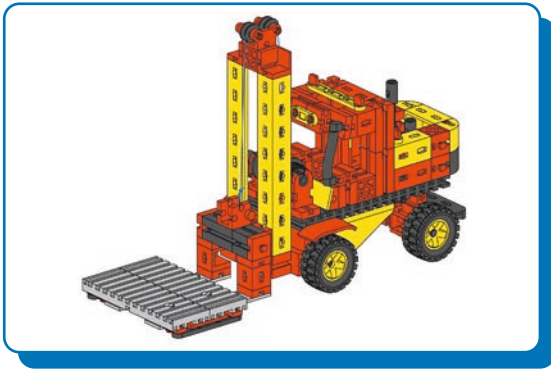
2 x

2 x

15 2 x

A 4 x

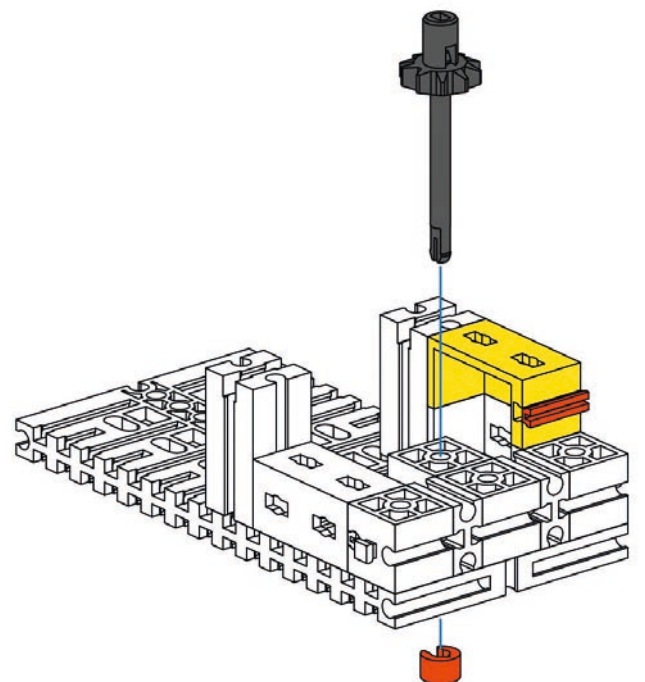
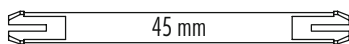
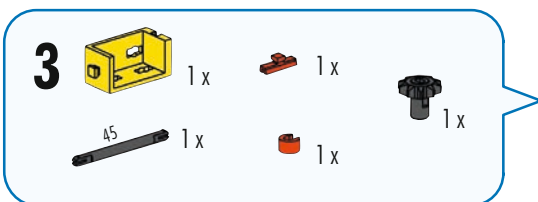
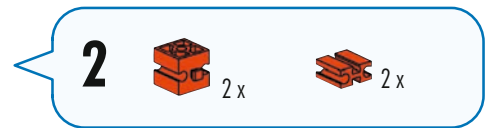
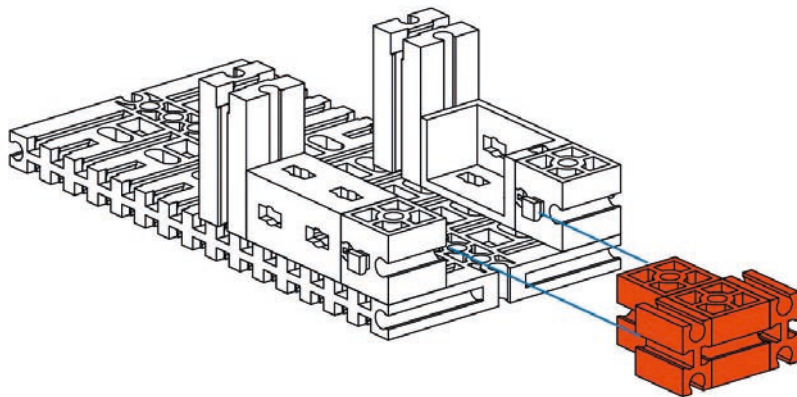
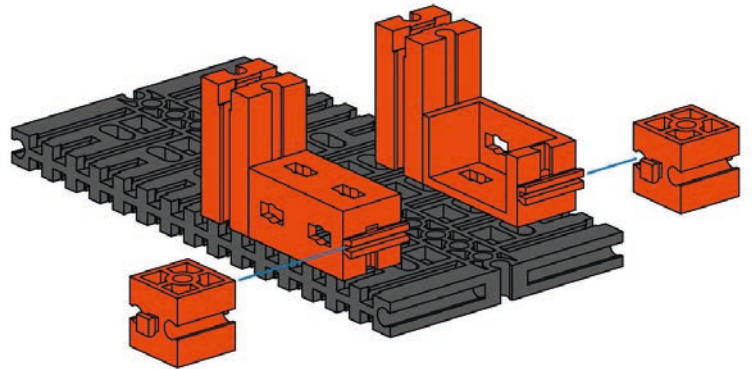
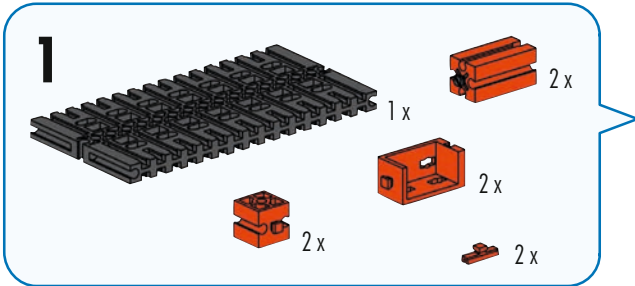




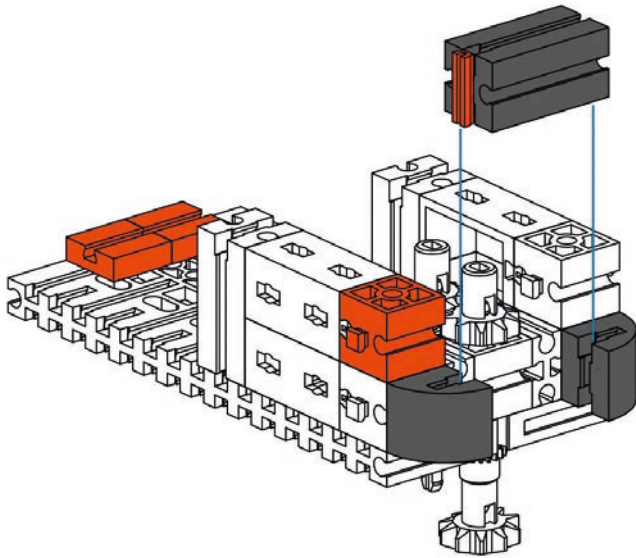
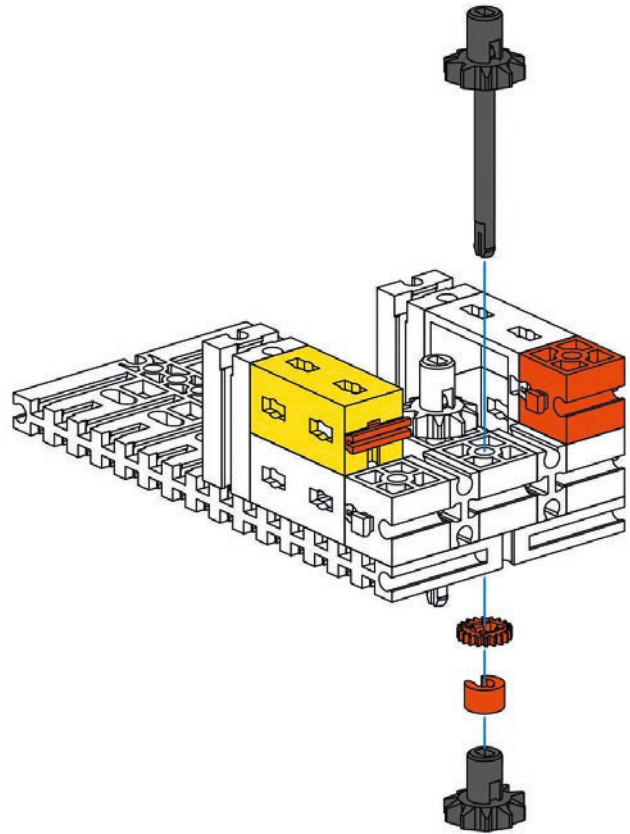
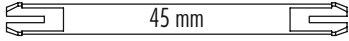
Gabelstapler  
Fork lift  
Empileuse à fourche

Vorkhefruck  
Carretilla elevadora  
Empilhadeira de  
forquilha

Carrello a forcole  
Вилочный погрузчик  
叉车

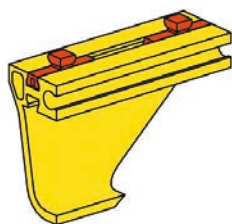


- 4**
- Yellow 1x3 Technic Beam 1x
  - Red 1x2 Technic Pin 1x
  - Red 1x2 Technic Pin 1x
  - Red 1x2 Technic Pin 1x
  - Black 45 Technic Pin 1x
  - Red 1x2 Technic Pin 1x
  - Black 1x2 Technic Pin 1x
  - Grey 1x2 Technic Pin 2x

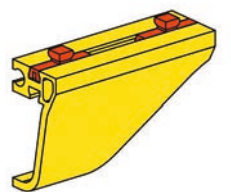


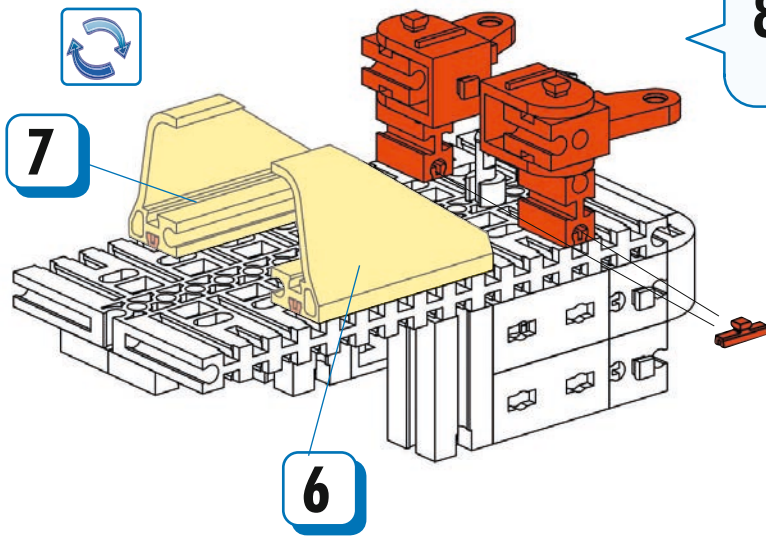
- 5**
- Grey 1x3 Technic Beam 1x
  - Grey 1x2 Technic Pin 2x
  - Red 1x2 Technic Pin 1x
  - Red 1x2 Technic Pin 2x
  - Red 1x2 Technic Pin 1x

- 6**
- Yellow 1x3 Technic Beam 1x
  - Red 1x2 Technic Pin 2x



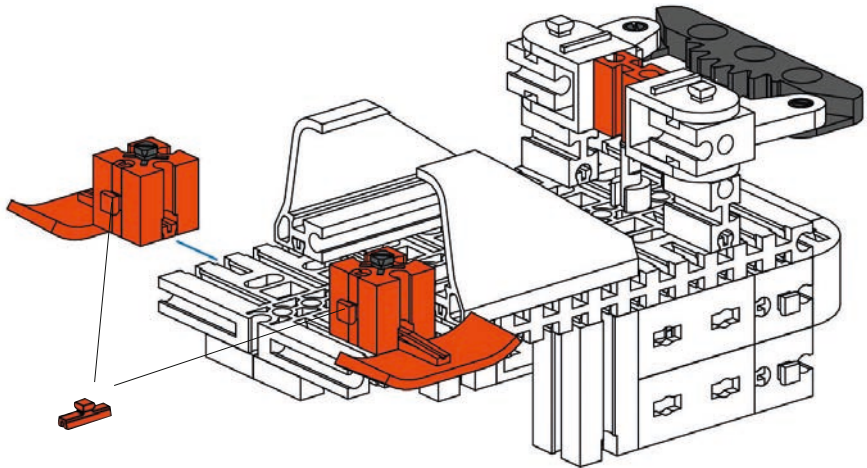
- 7**
- Yellow 1x3 Technic Beam 1x
  - Red 1x2 Technic Pin 2x



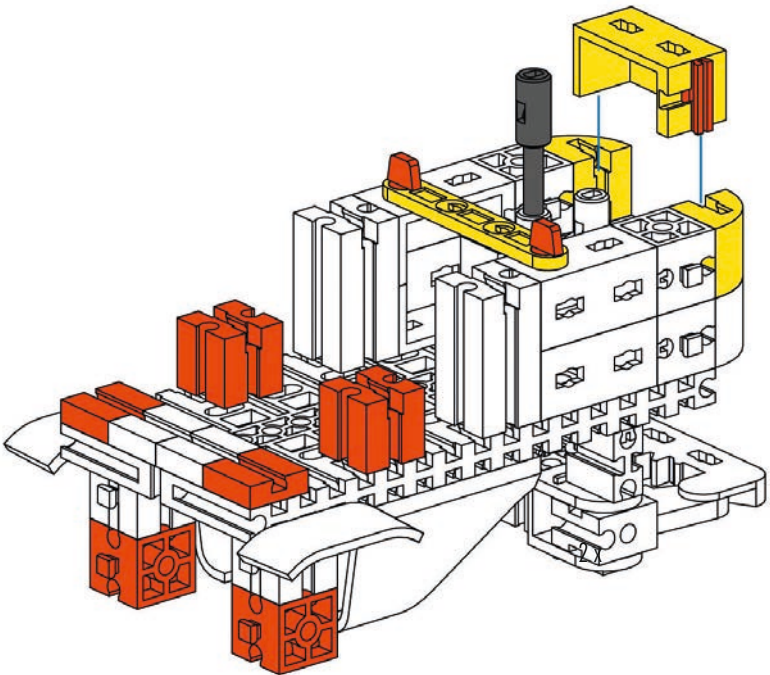


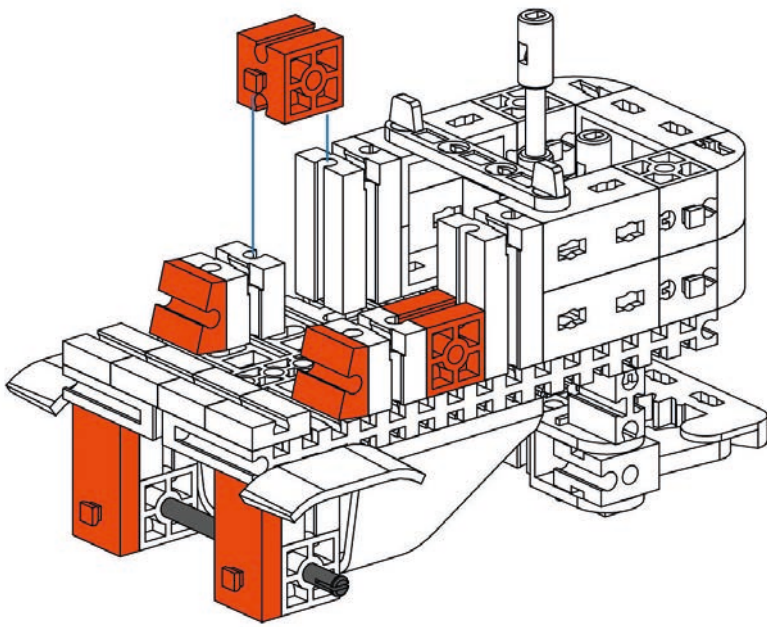
- 8**
- 2 x [Red 1x2 Technic Brick]
  - 2 x [Red 1x2 Technic Brick with Pin]
  - 2 x [Red 1x2 Technic Brick with Pin]

- 9**
- 2 x [Red 1x2 Technic Brick]
  - 2 x [Red 1x2 Technic Brick with Pin]
  - 1 x [Black 1x6 Technic Beam]
  - 2 x [Red 1x2 Technic Brick]
  - 1 x [Red 1x2 Technic Brick with Pin]



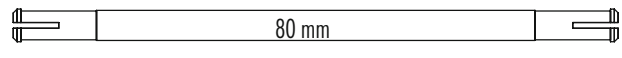
- 10**
- 1 x [Yellow 1x2 Technic Brick]
  - 1 x [Red 1x2 Technic Brick]
  - 2 x [Yellow 1x2 Technic Brick]
  - 2 x [Red 1x2 Technic Brick]
  - 2 x [Red 1x2 Technic Brick with Pin]
  - 2 x [Red 1x2 Technic Brick with Pin]
  - 2 x [Red 1x2 Technic Brick with Pin]
  - 2 x [Red Pin]
  - 1 x [Yellow 1x45 Technic Beam]
  - 1 x [Black Pin]
  - 1 x [Black Pin]





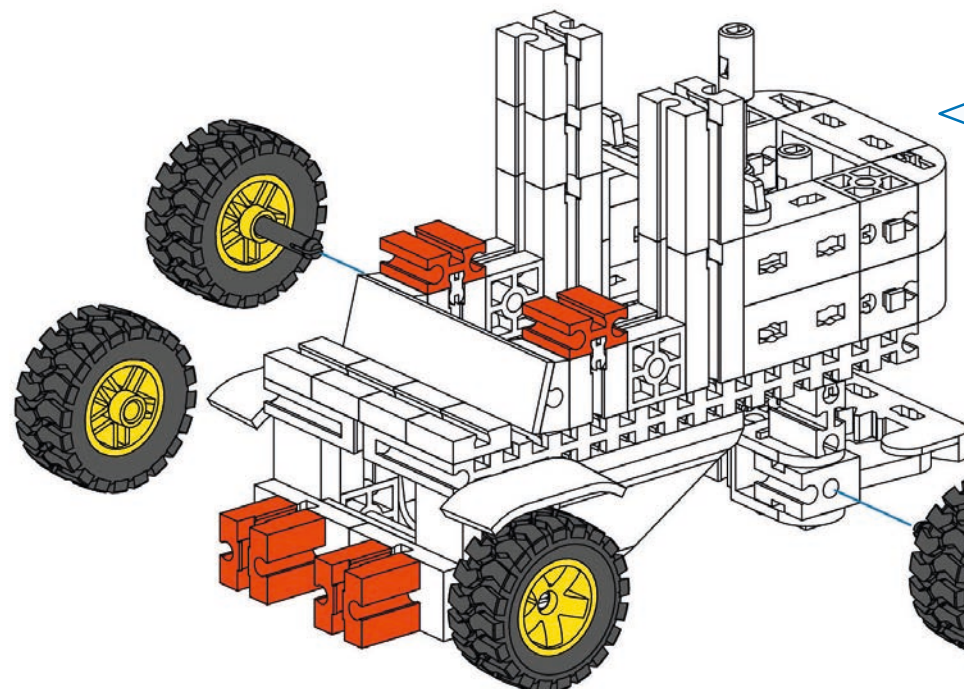
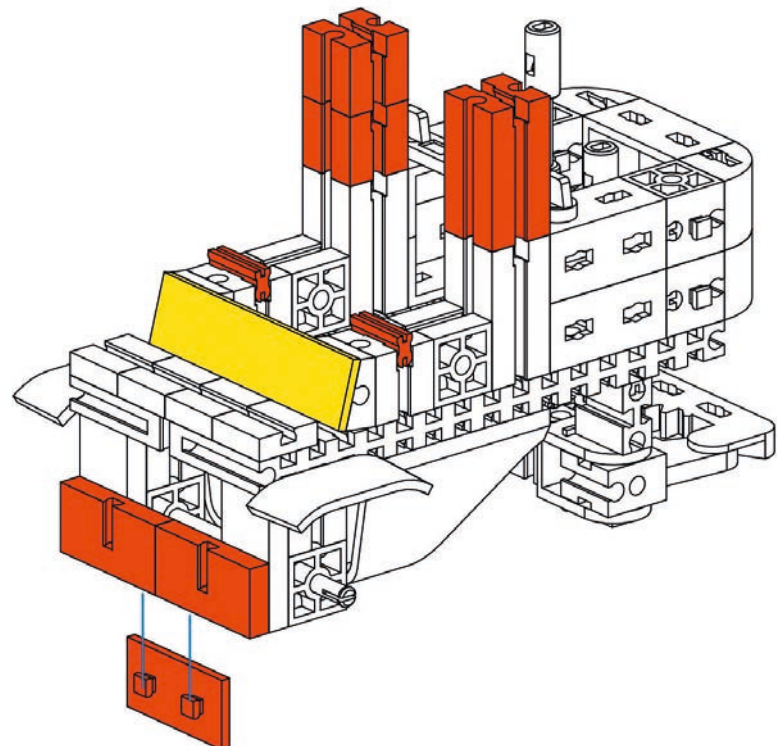
**11**

- 15° 2x
- 2x
- 80 1x



**12**

- 15 2x
- 2x
- 2x
- 1x
- 1x
- 2x
- 1x



**13**

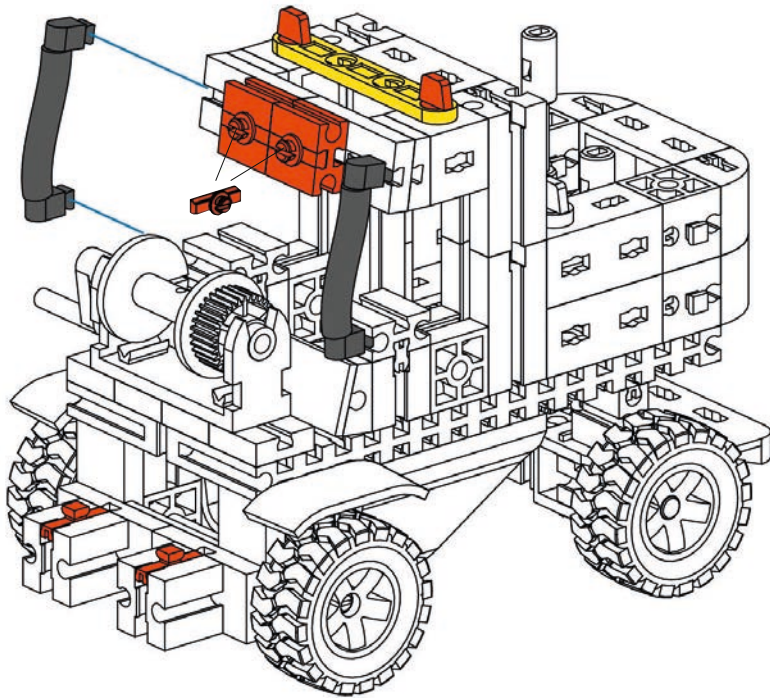
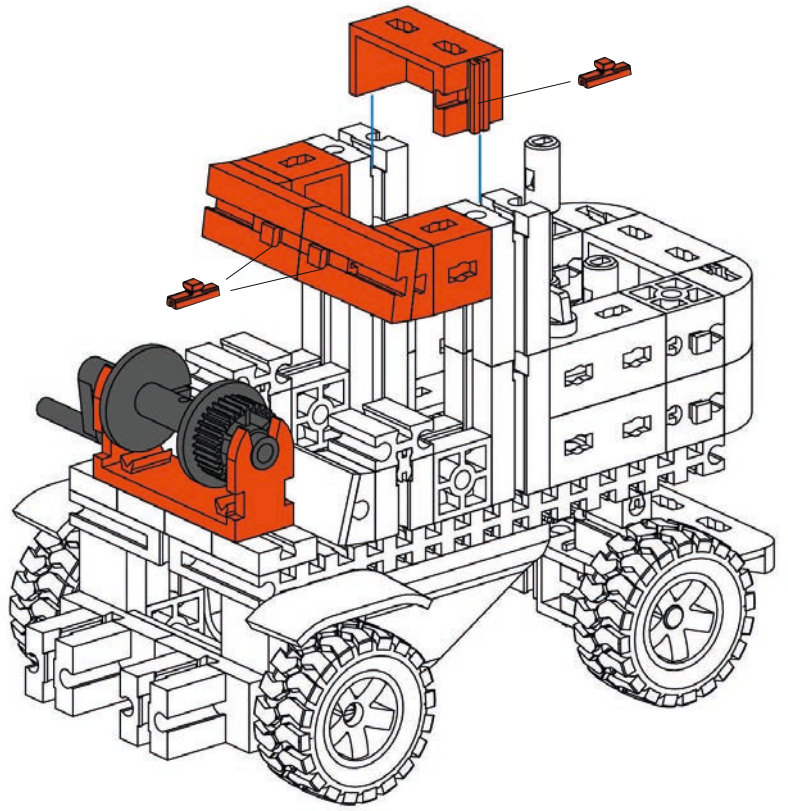
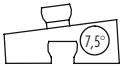
- 2x
- 2x
- 4x
- 2x





**14**

- 1x Motor
- 2x 1x Technic Brick
- 3x 1x Technic Pin
- 1x 1x Technic Pin with Axle
- 2x 1x Technic Pin
- 2x 7.5° Technic Pin
- 1x 1x Technic Pin

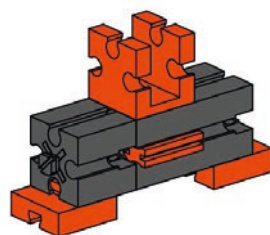


**15**

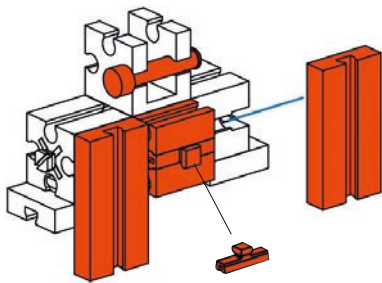
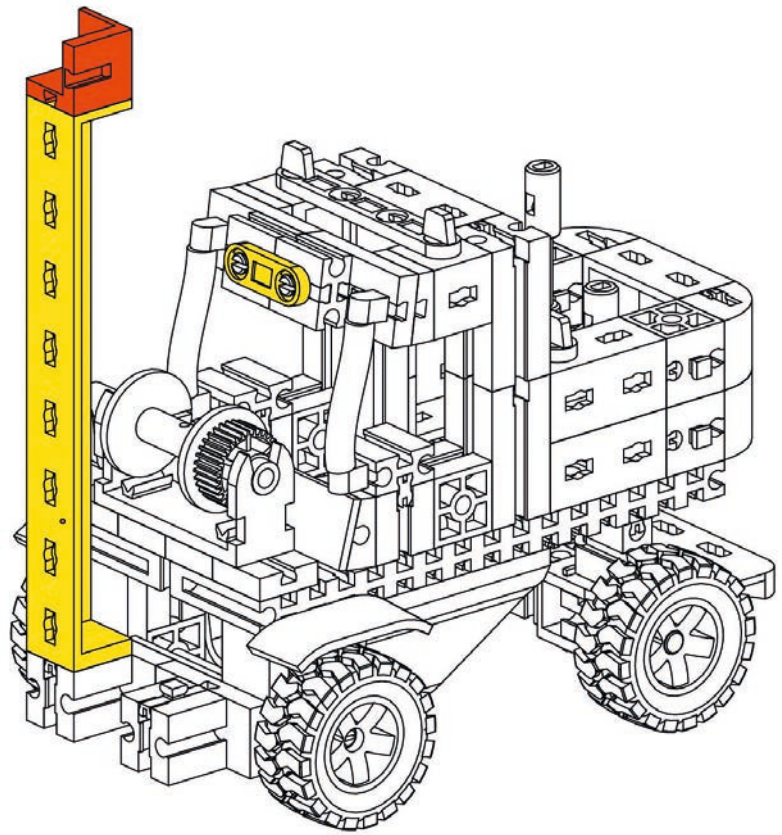
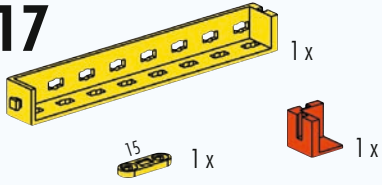
- 2x 1x Technic Brick
- 2x 1x Technic Pin
- 2x 1x Technic Pin
- 4x 1x Technic Pin
- 2x 4 Technic Pin
- 2x 1x Technic Pin
- 1x 45 Technic Pin

**16**

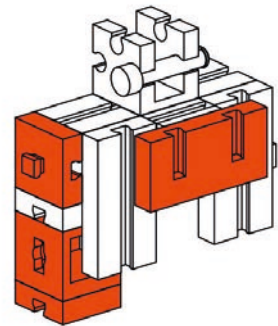
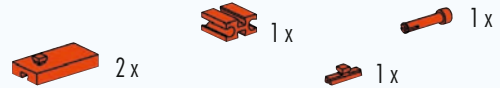
- 1x 1x Technic Brick
- 1x 1x Technic Brick
- 1x 1x Technic Pin
- 2x 1x Technic Pin
- 1x 15 Technic Pin



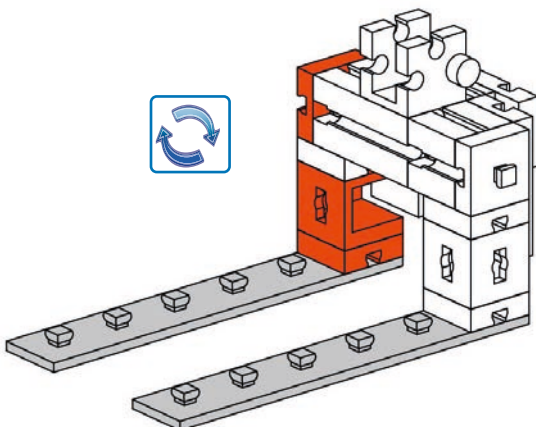
17



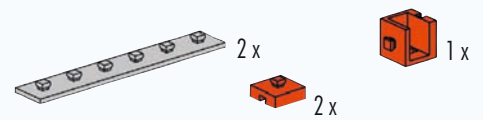
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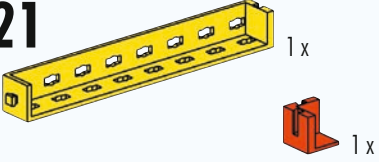
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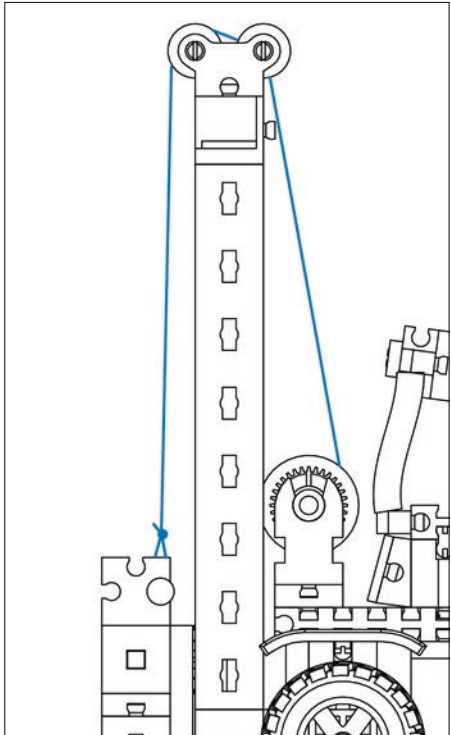
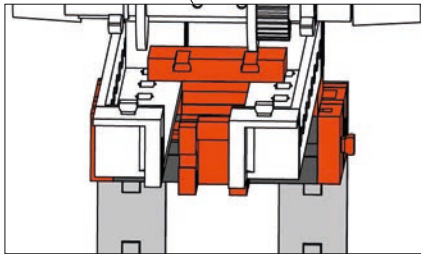
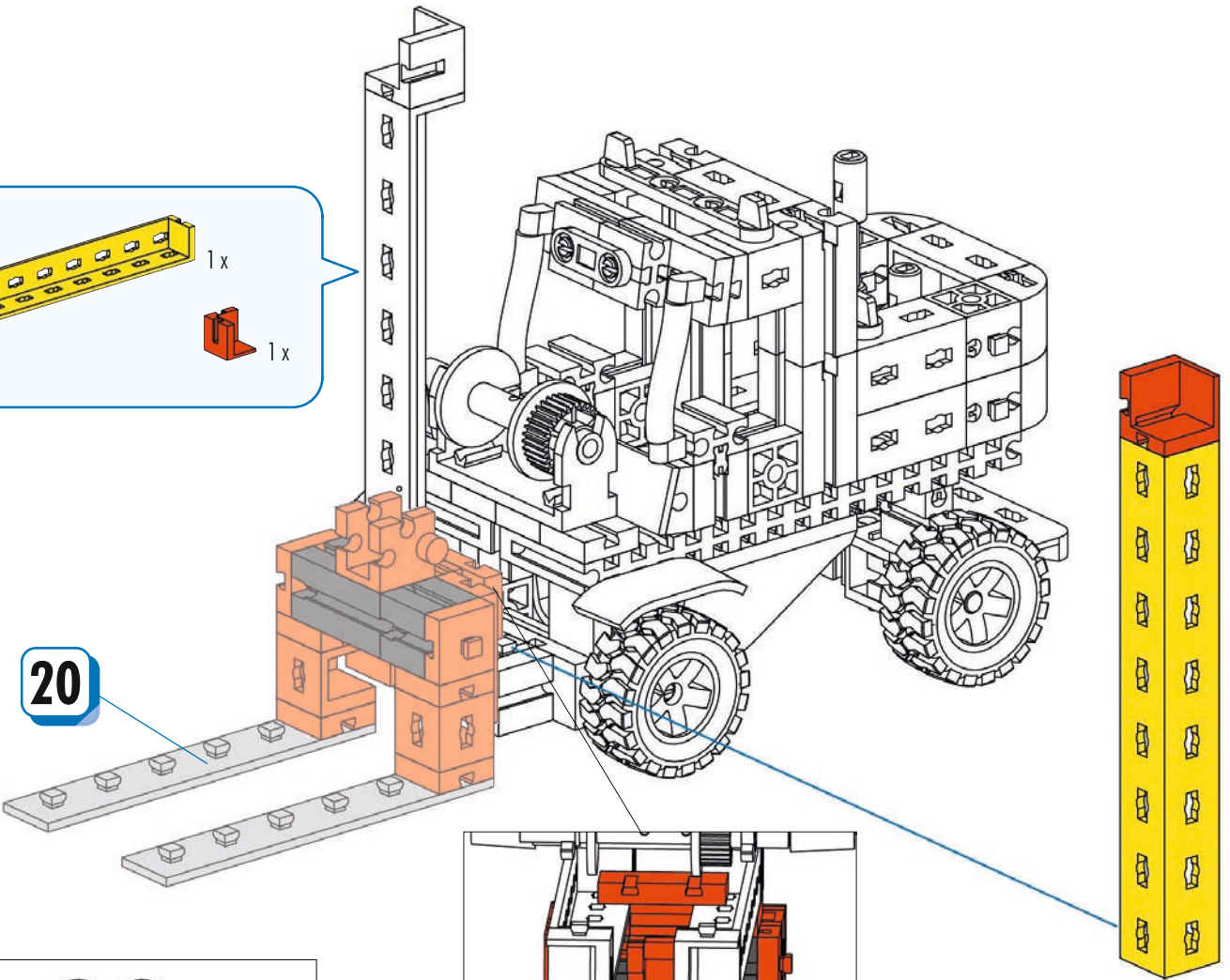
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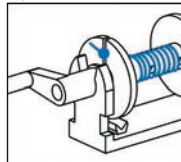
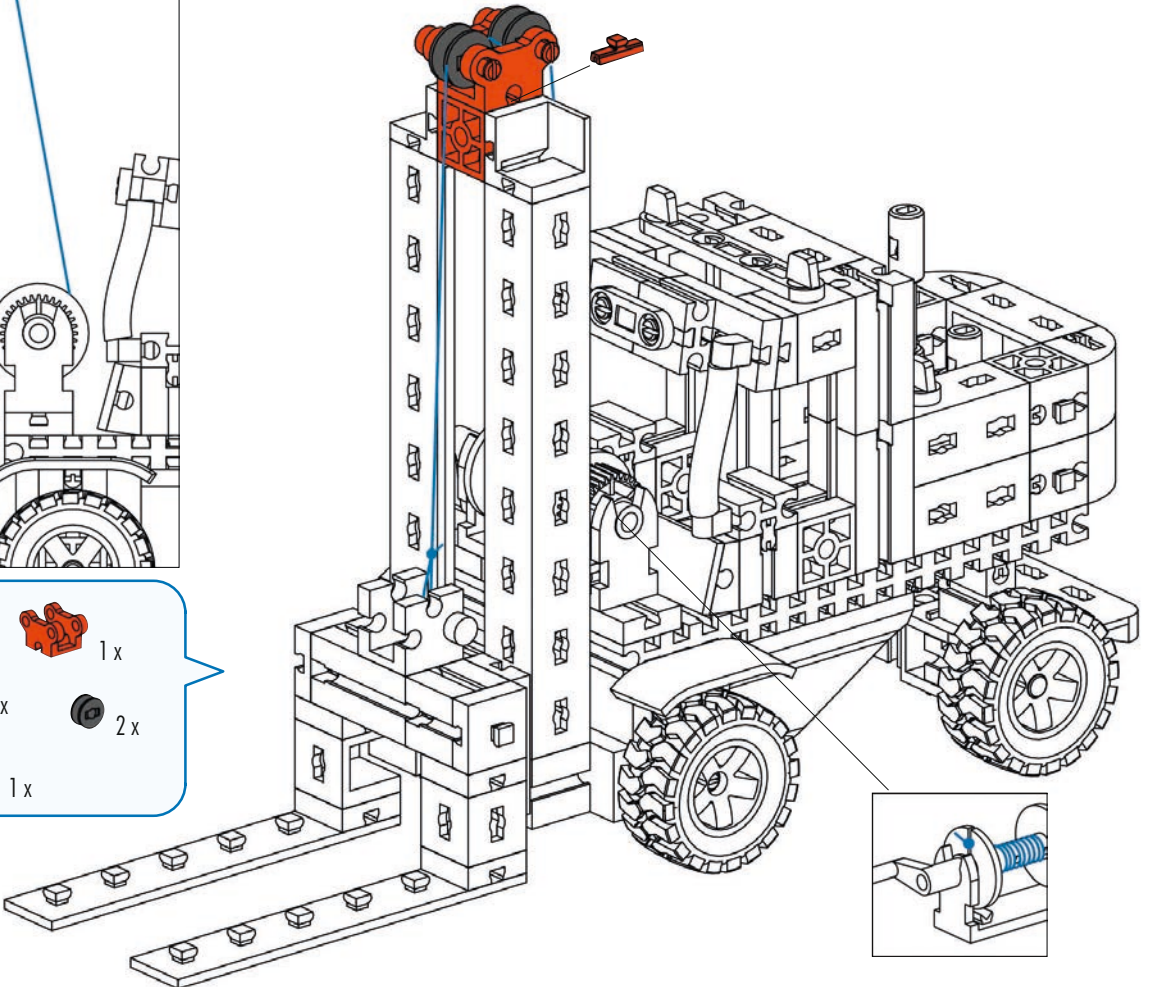
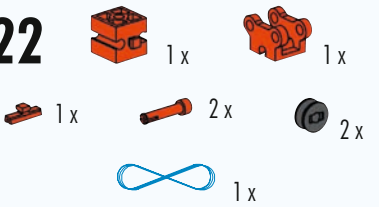
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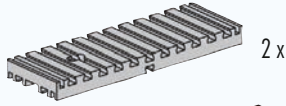
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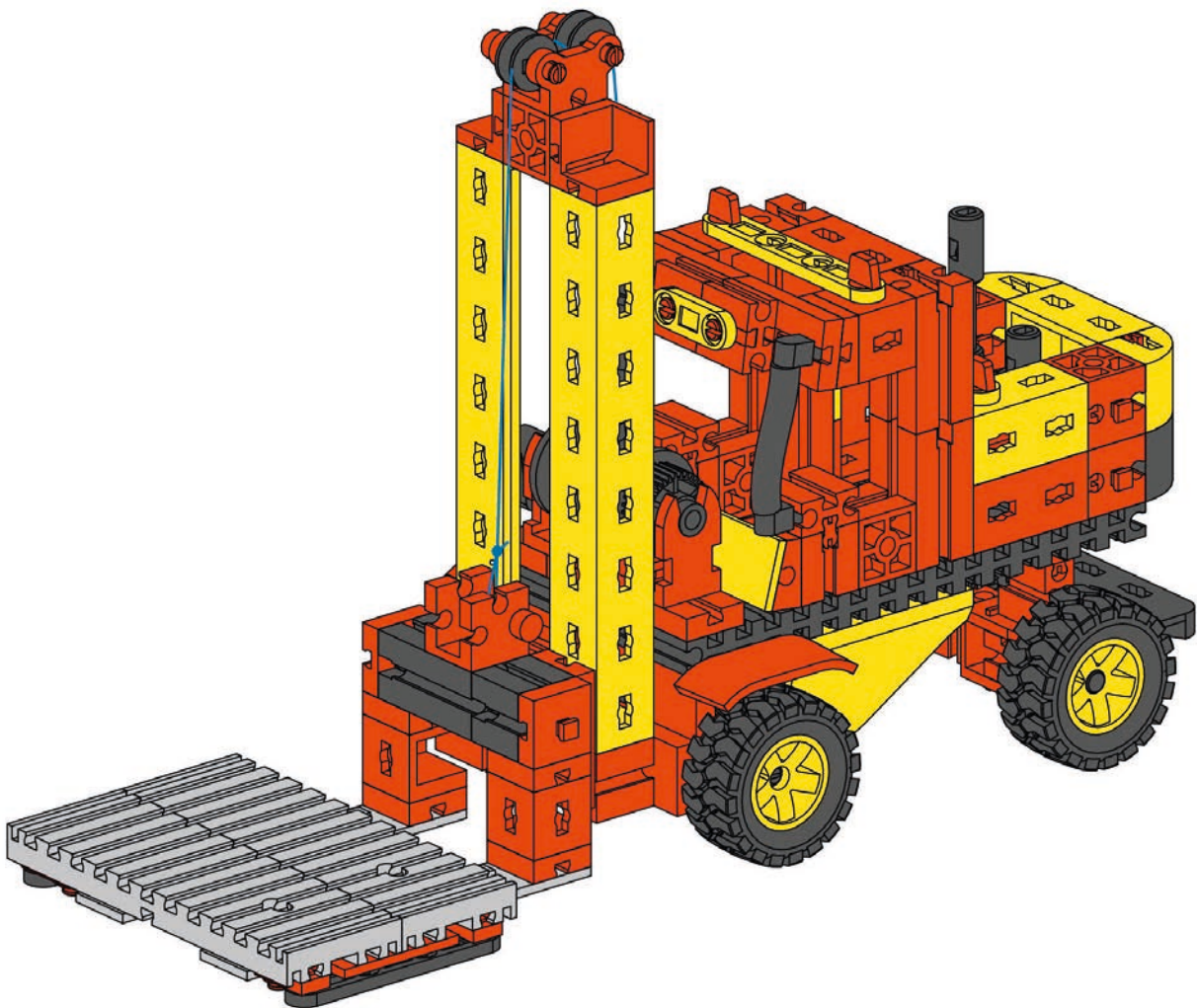
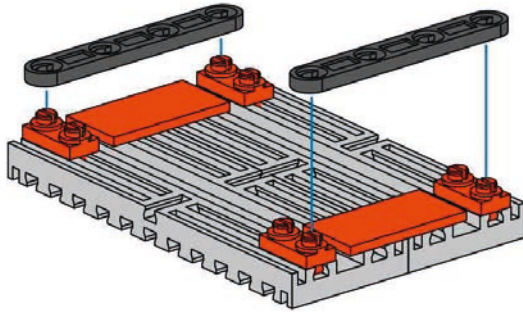
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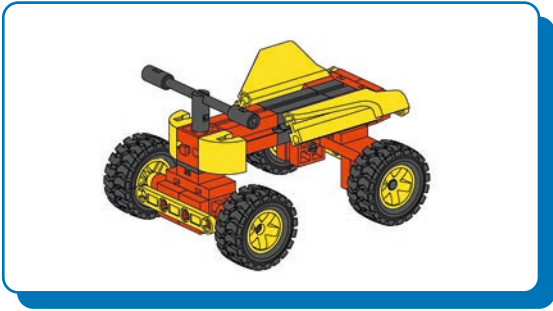


23



15 2 x 4 x 2 x



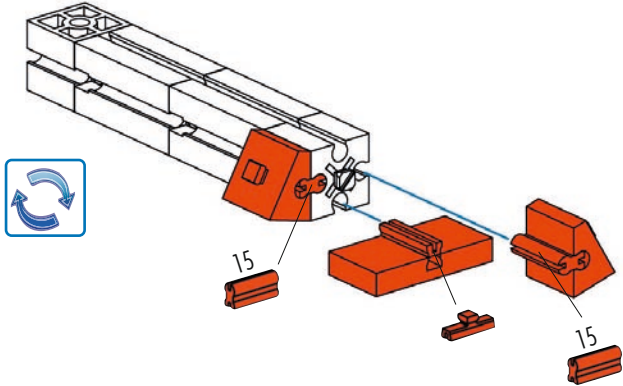
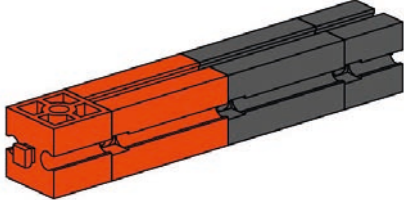


Quad

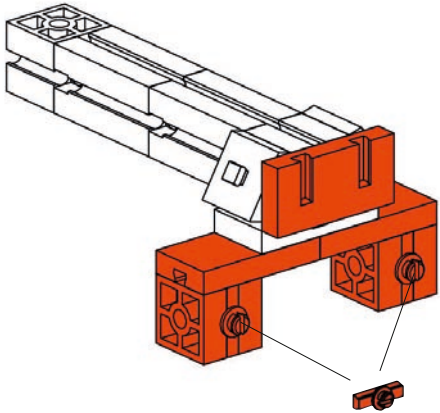
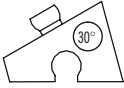
Квадрацикл

沙滩车

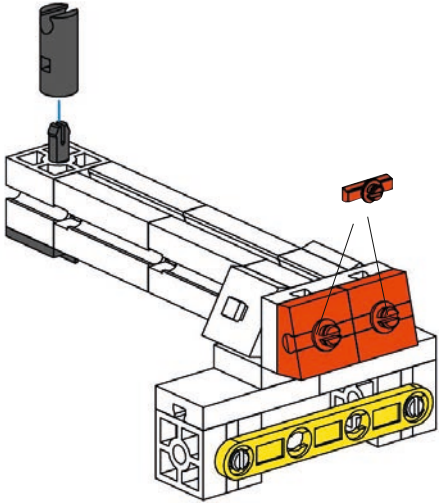
**1** 1x 1x 1x 1x



**2** 2x 2x 1x 1x



**3** 1x 2x 2x 2x

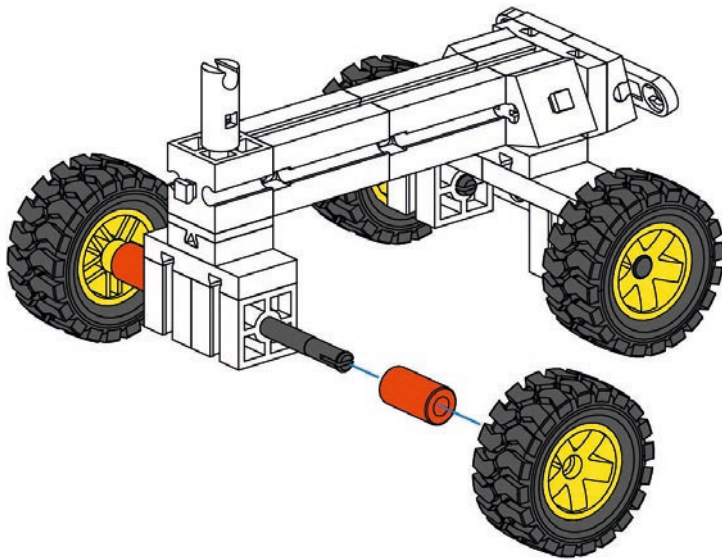
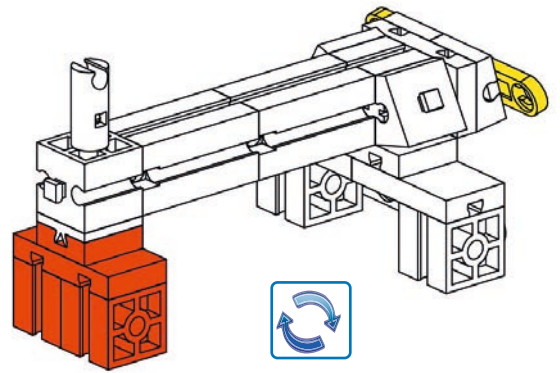


**4** 1x 1x 1x 2x 2x



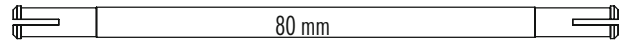
5

- 1x
- 1x
- 2x
- 1x



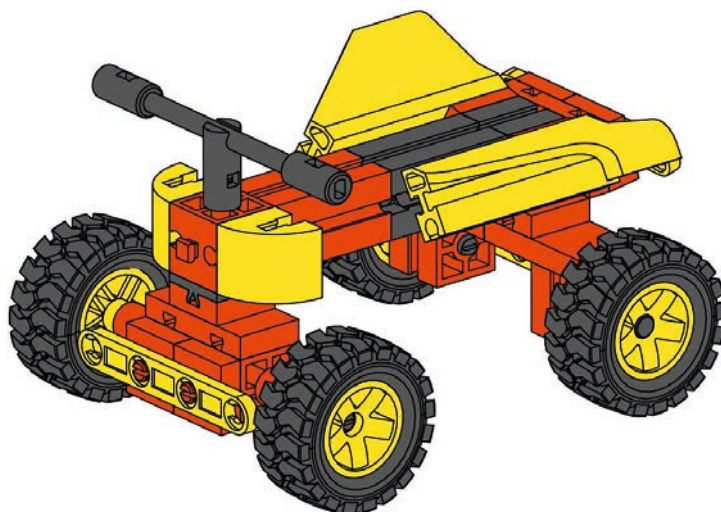
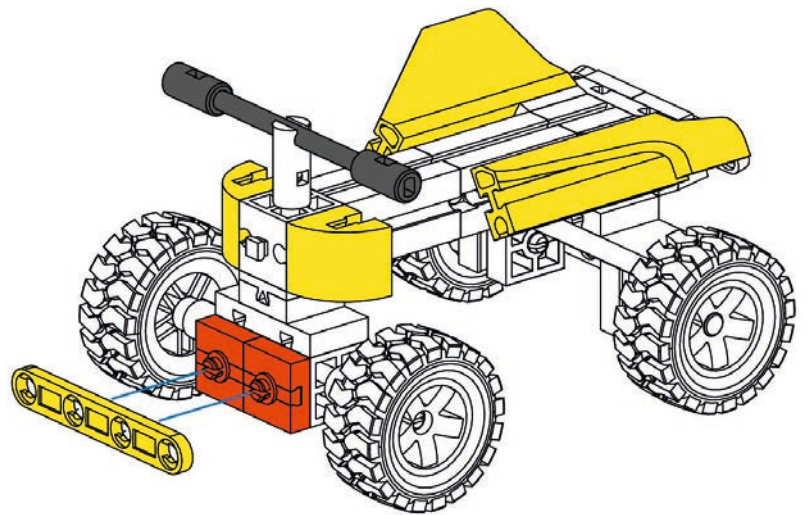
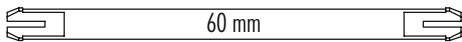
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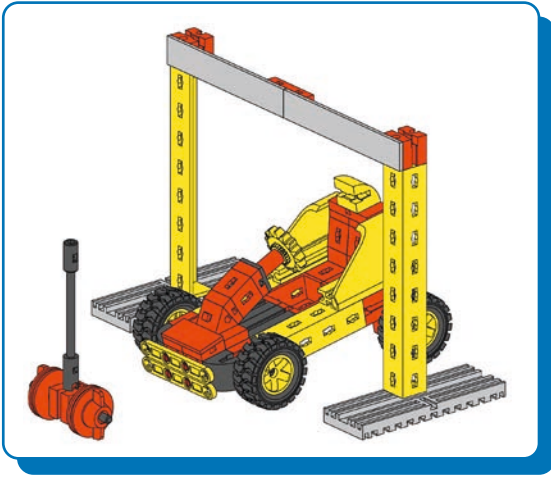
- 4x
- 2x
- 1x
- 2x



7

- 2x
- 2x
- 1x
- 2x
- 1x
- 1x
- 2x
- 1x



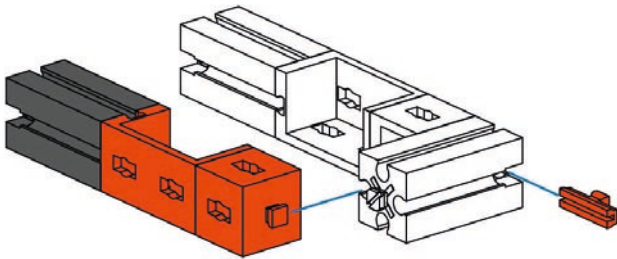
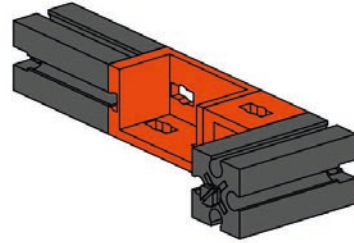


Rallye  
Rally car  
Rallye

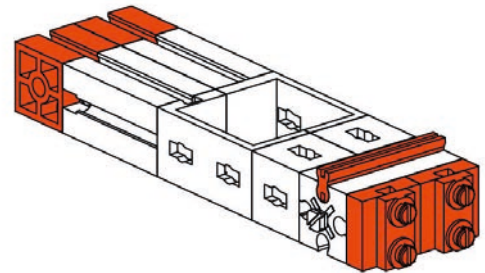
Rally  
Rallye  
Rali





Rally  
Ралли  
汽车拉力赛

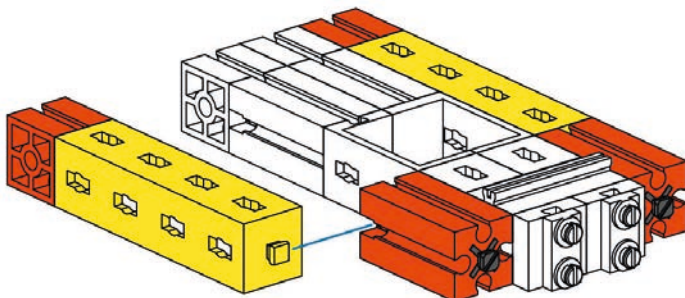
**1**  2x  1x  1x



**2**  1x  1x  1x  1x



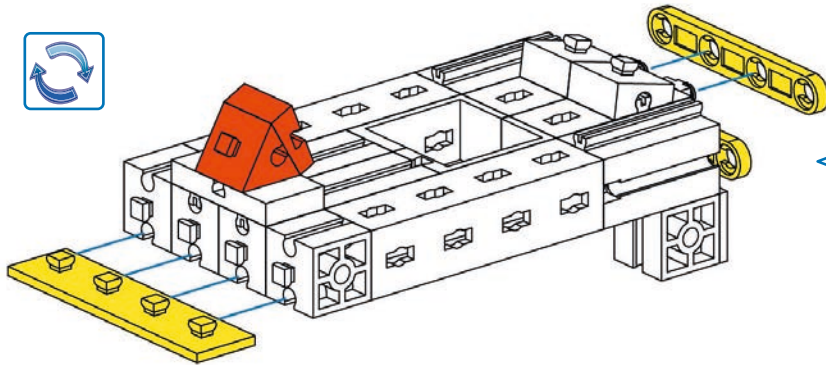
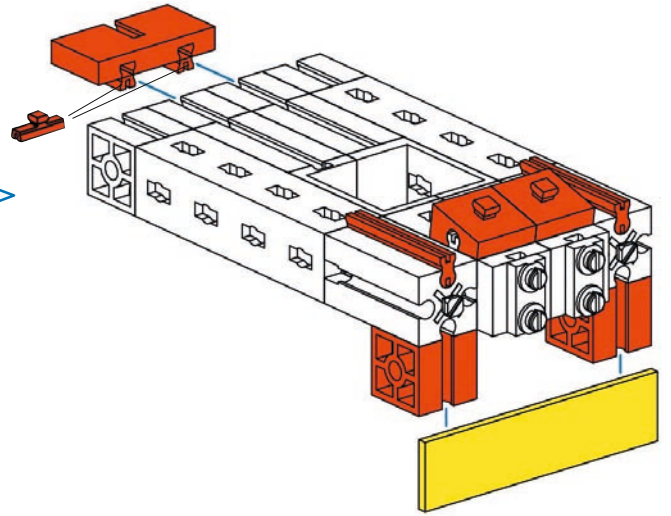
**3**  2x  2x  2x  1x



**4**  2x  2x  2x

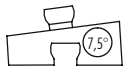
5

- 15° 2x
- 2x
- 1x
- 30 2x
- 1x
- 2x



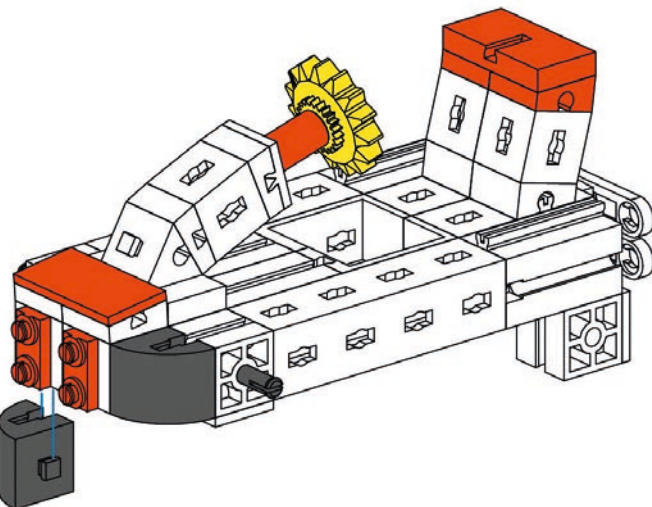
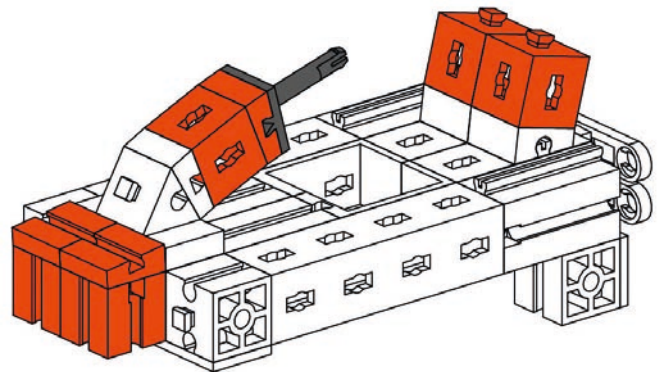
6

- 45 2x
- 1x
- 1x
- 60° 1x
- 7.5° 1x



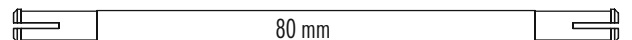
7

- 2x
- 3x
- 7.5° 3x
- 1x

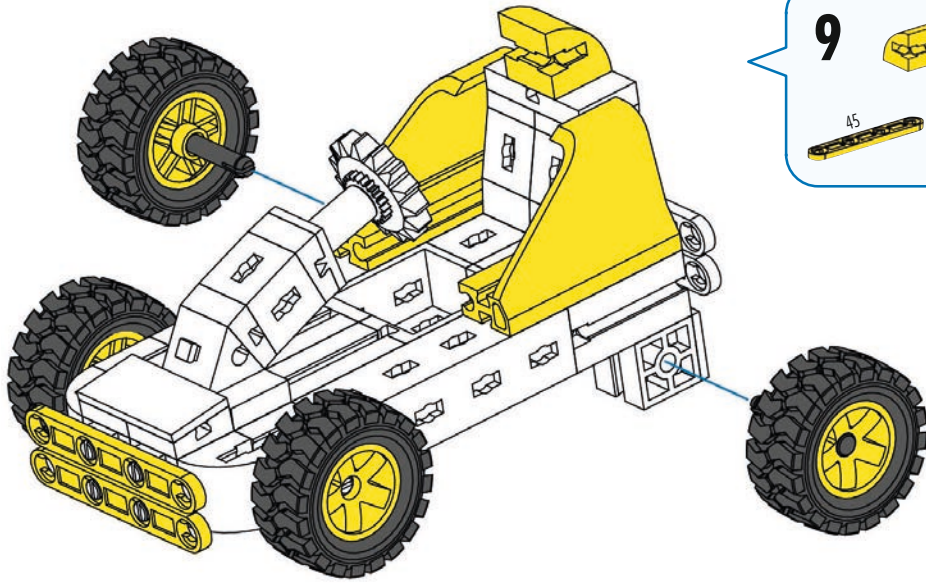


8

- 2x
- 1x
- 2x
- 1x
- 80 1x
- 1x
- 15° 2x
- 1x





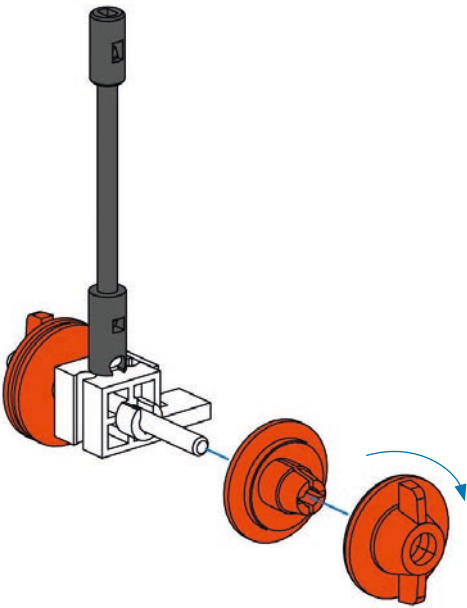
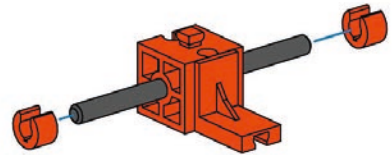
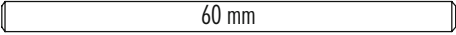


**9**

- 1 x [Yellow Technic Pin]
- 1 x [Yellow Technic Bracket]
- 1 x [Yellow Technic Bracket]
- 2 x [Yellow Technic Pin 45]
- 2 x [Grey Technic Pin]
- 4 x [Black Tire]

**10**

- 1 x [Grey Technic Pin 60]
- 1 x [Red Technic Connector]
- 2 x [Red Technic Pin]
- 1 x [Red Technic Bracket]

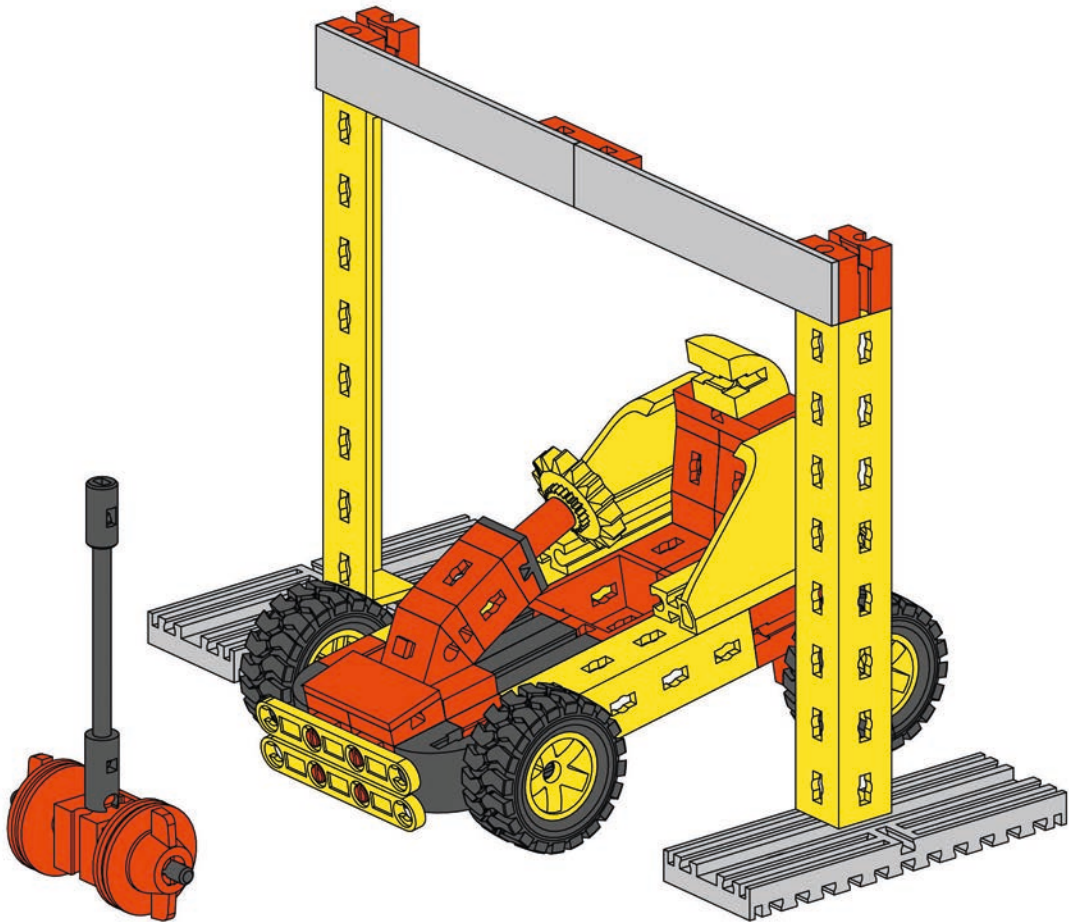
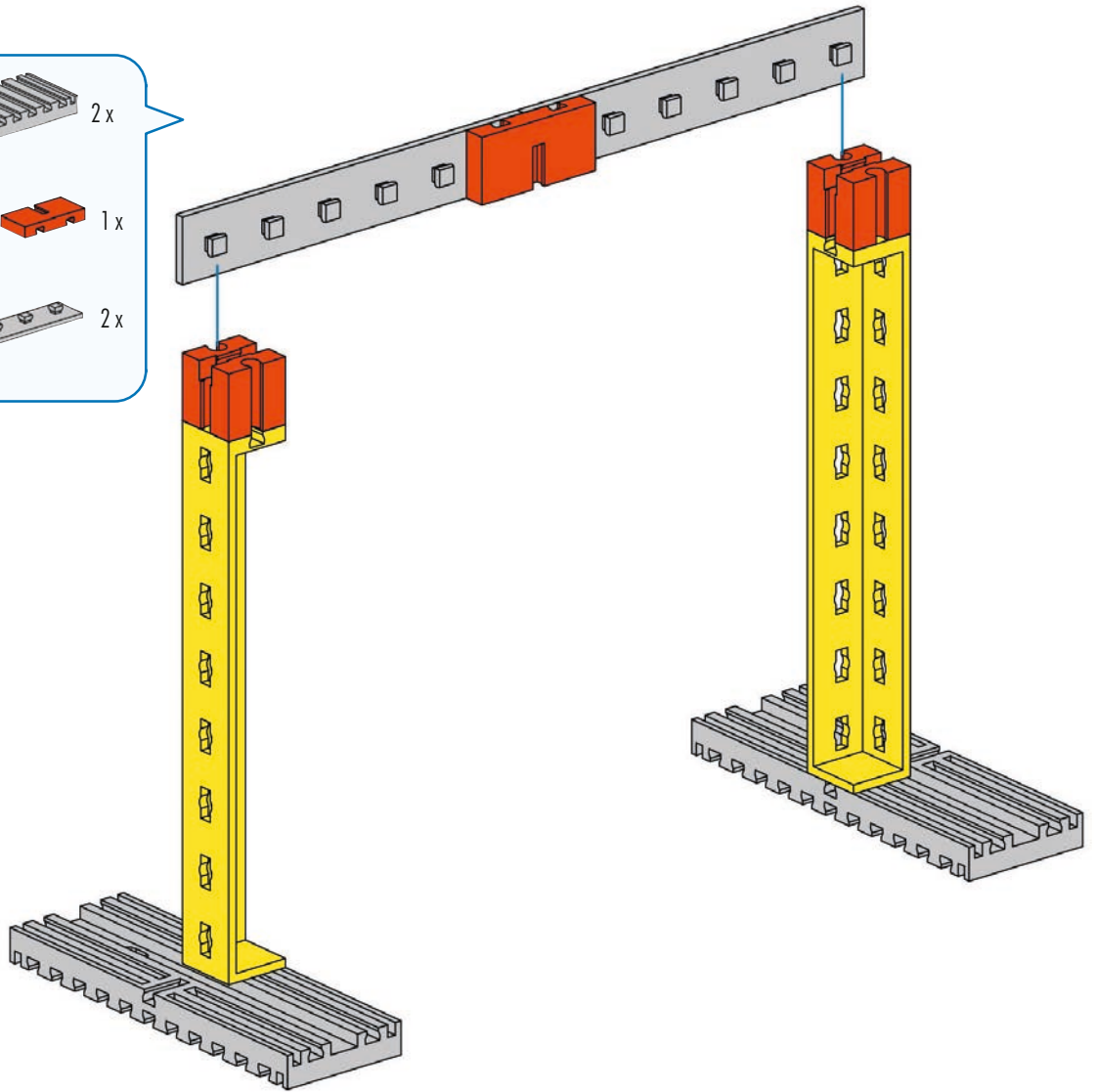


**11**

- 1 x [Grey Technic Pin 60]
- 2 x [Red Technic Pin]
- 2 x [Red Technic Pin]
- 1 x [Red Technic Pin]
- 1 x [Red Technic Pin]

12

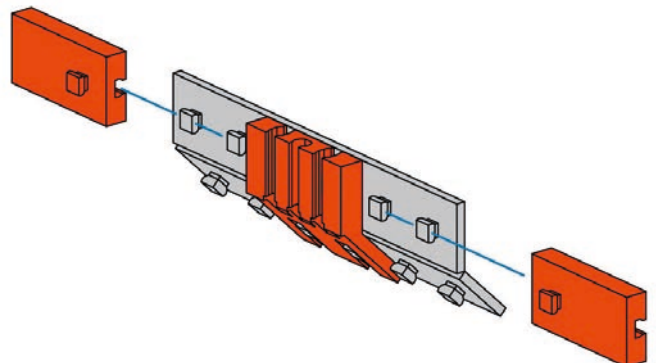
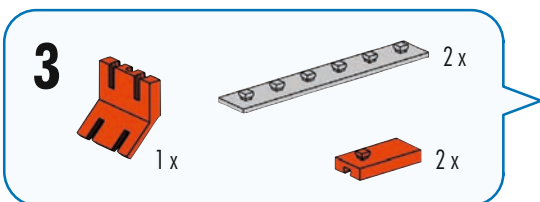
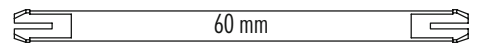
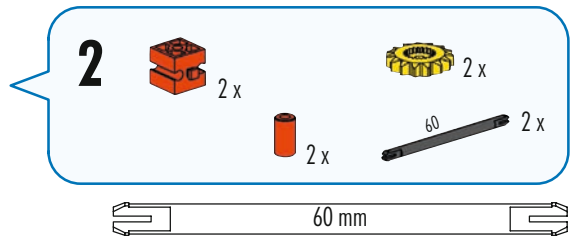
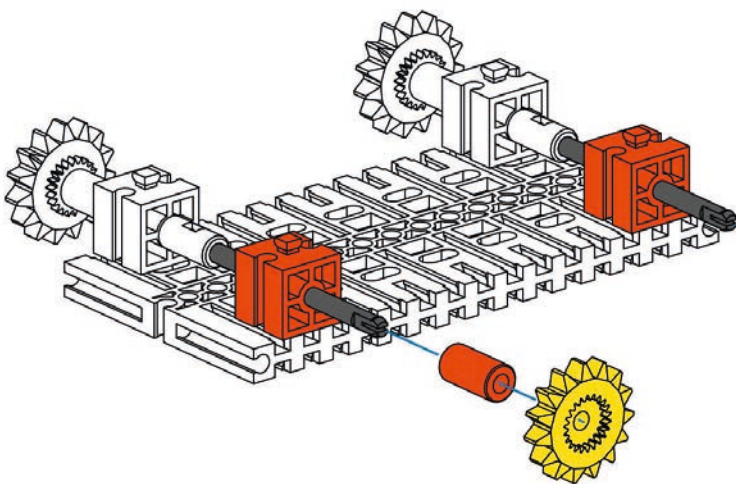
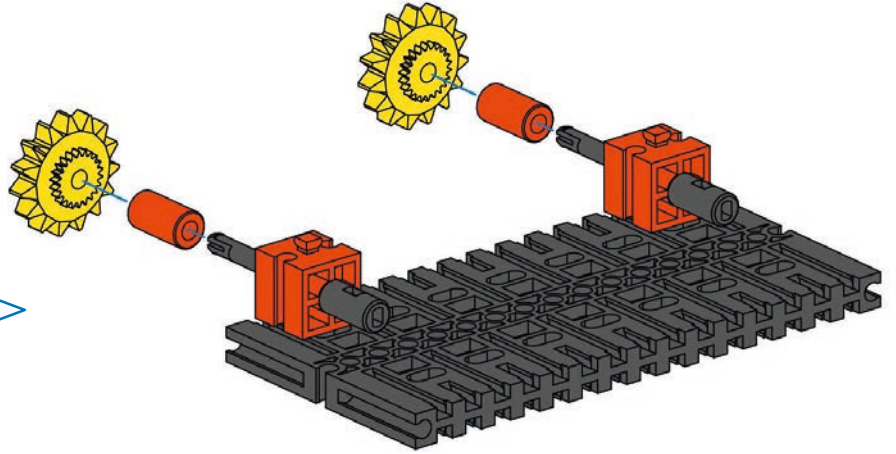
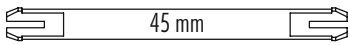
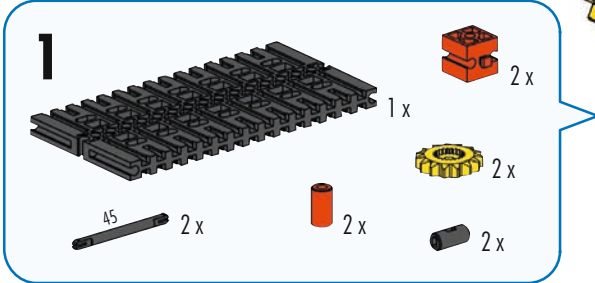
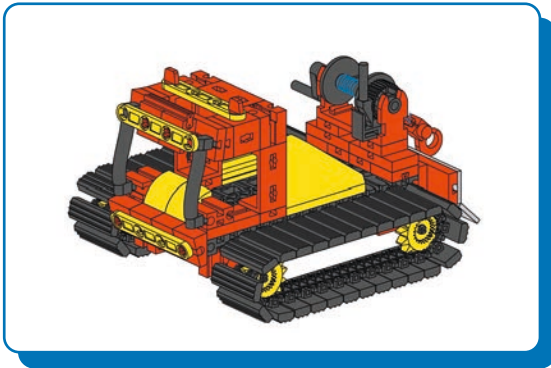
- 2x [Grey Technic Beam 1x12]
- 2x [Red Technic Pin]
- 2x [Yellow Technic Beam 1x12]
- 1x [Red Technic Pin]
- 2x [Grey Technic Beam 1x4]



**Bergungsraupe**  
Track mounted  
recovery vehicle  
Chenille de sauvetage

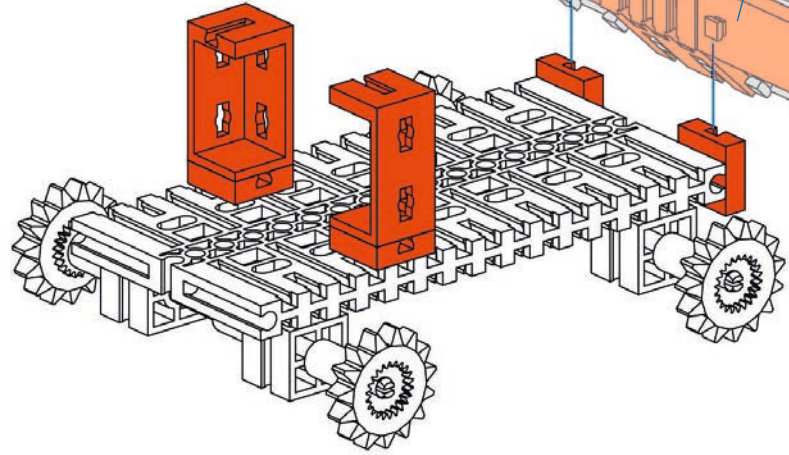
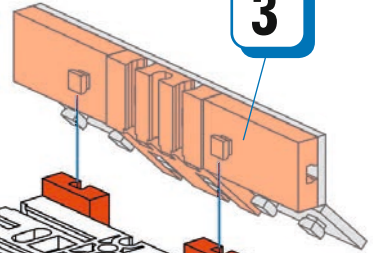
**Bergingsvoertuig op  
rupsbanden**  
Oruga de salvamento  
Lagarta de salvamento

**Cingolato di salvataggio**  
Спасательный  
трактор  
履带式抢险车





3



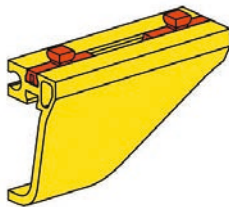
4



4 x



2 x



5



1 x



2 x

6



2 x

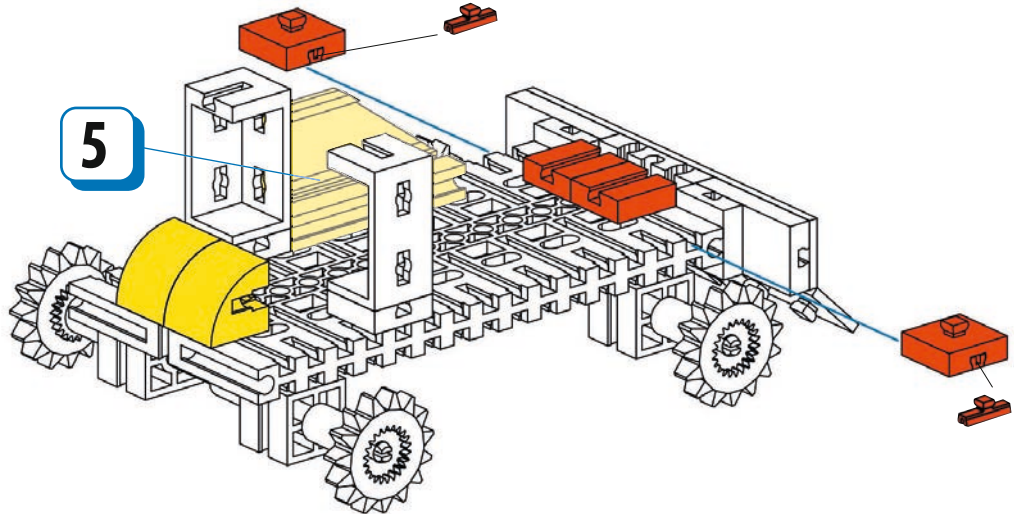


4 x



2 x

5



7



2 x



2 x



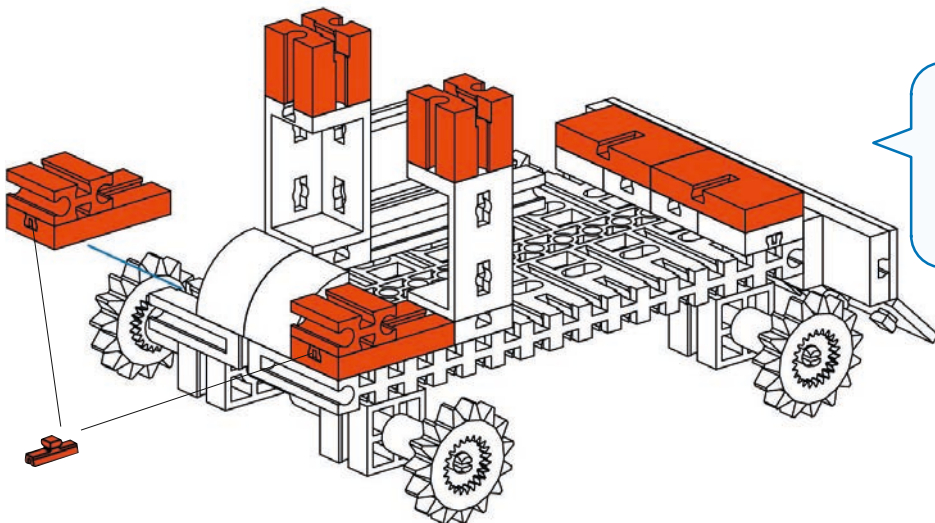
2 x



2 x



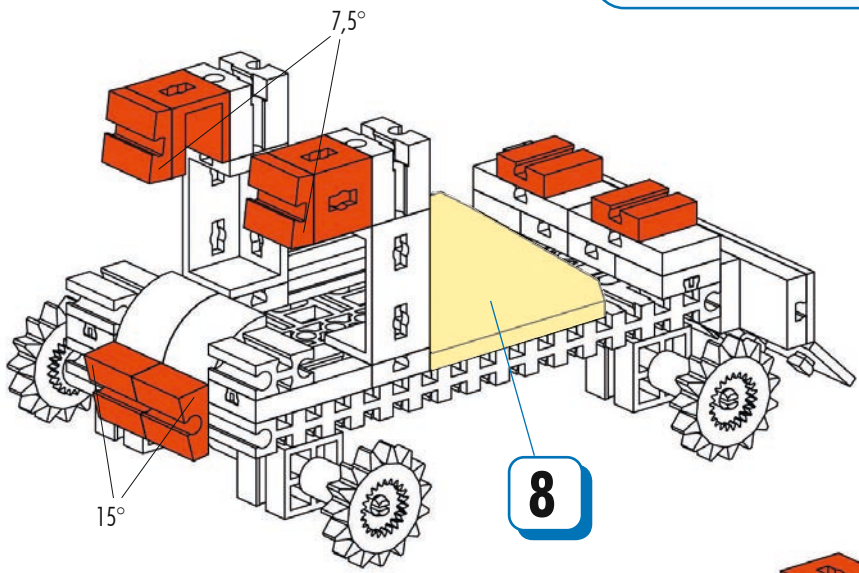
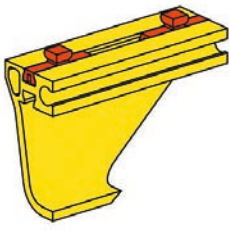
2 x



**8**

1 x

2 x



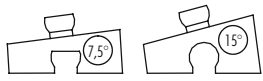
**9**

2 x

2 x

7,5° 2 x

15° 2 x



**10**

3 x

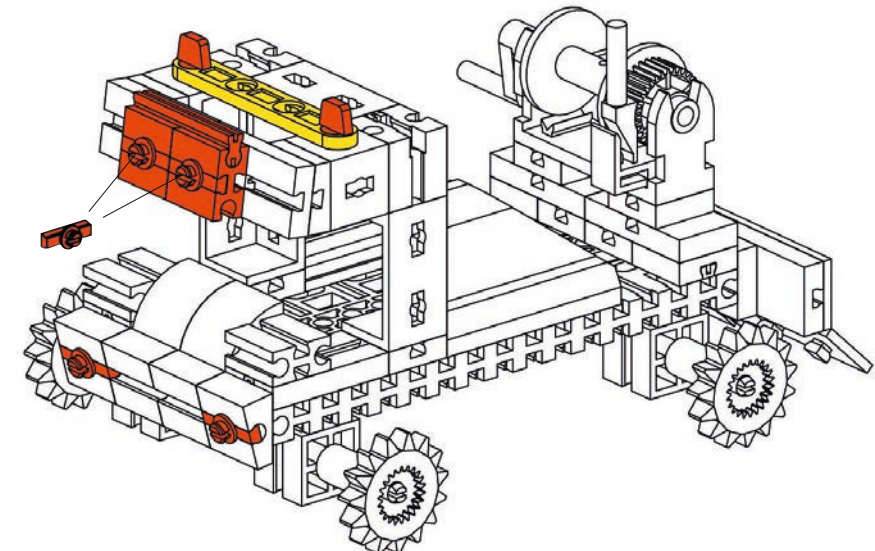
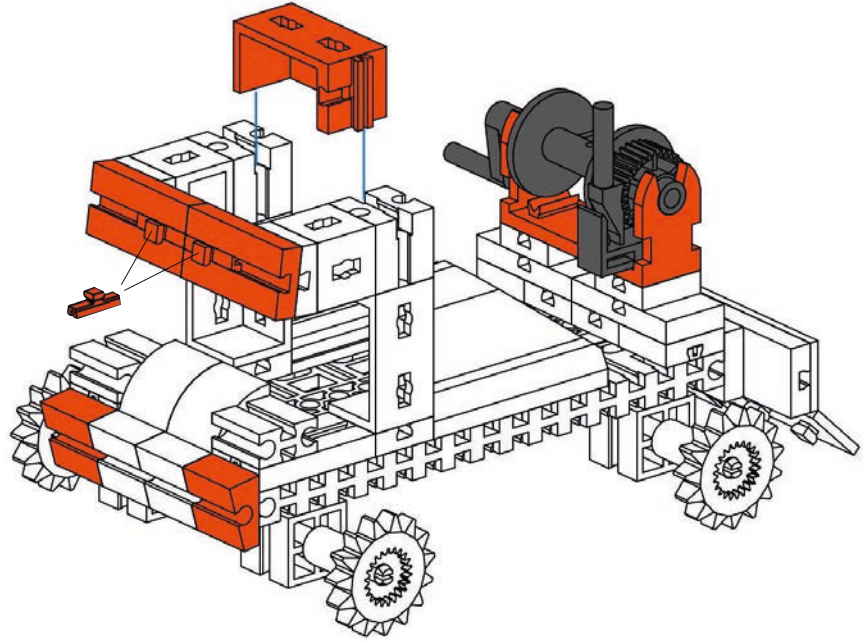
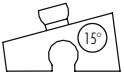
1 x

1 x

2 x

15° 2 x

1 x



**11**

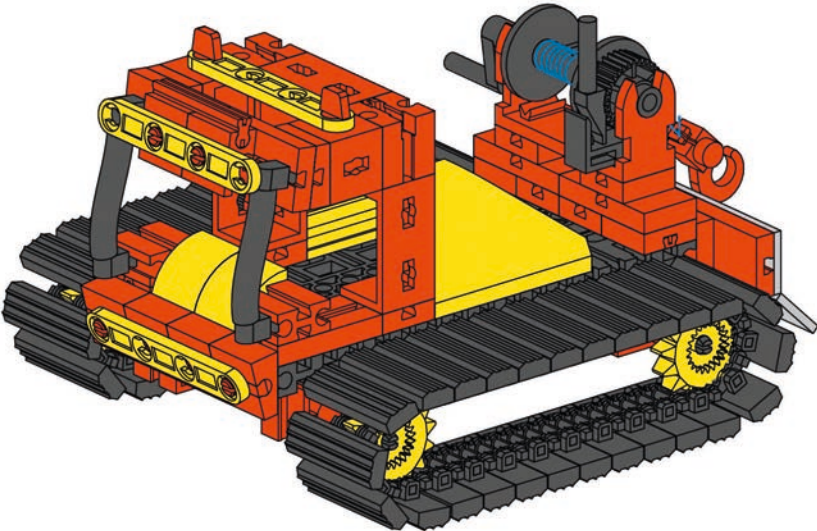
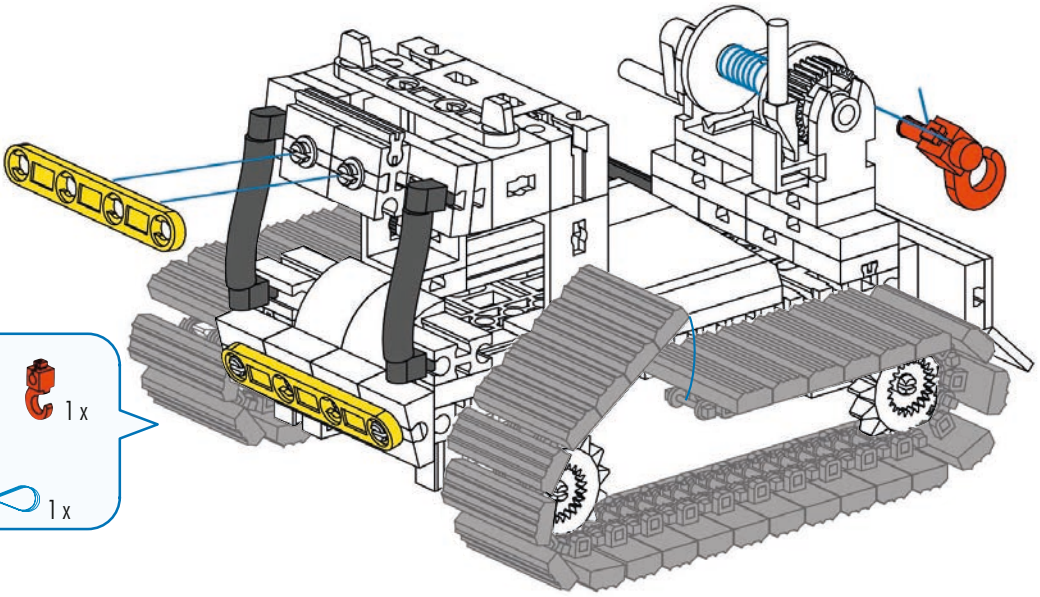
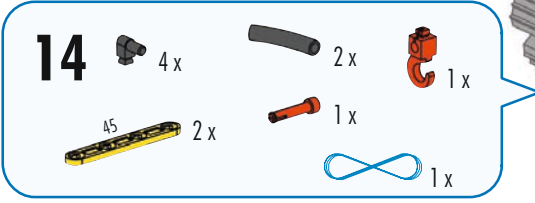
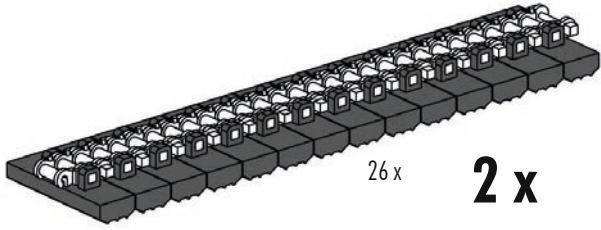
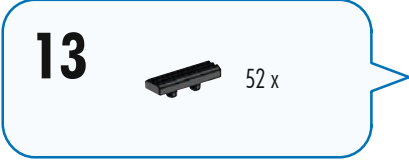
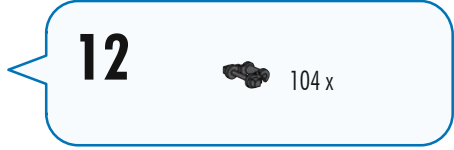
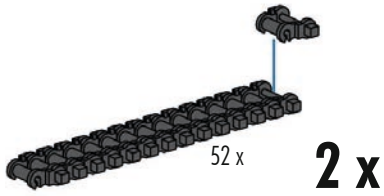
2 x

4 x

30 2 x

4 2 x

45 1 x



**Motorisierung**  
**Motorization**  
**Motorisation**

**Motorising**  
**Motorización**  
**Motorização**

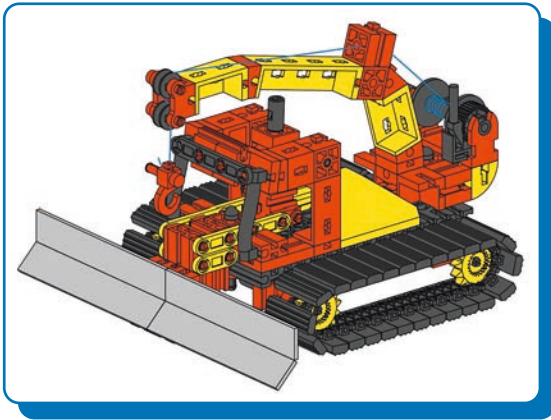
**Motorizzazione**  
 Приводной механизм  
 电动卷扬机 机动化与



Motor Set XS 505 281

Bauanleitung Plus Sets Universal 4 / Building instructions PLUS sets for Universal 4 / Instructions de montage PLUS Sets pour Universal 4 / Bouwinstructie PLUS-sets voor Universal 4 / Instrucciones de montaje PLUS Sets para Universal 4 / Instruções de montagem PLUS Kits para Universal 4 / Istruzioni per la costruzione dei kit PLUS per Universal 4 / Руководство по сборке комплектов PLUS для Universal 4 / Universal 4 升级套件组装说明书

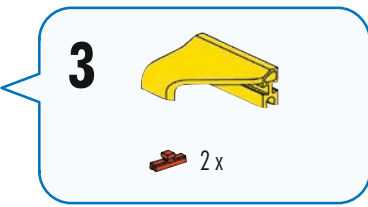
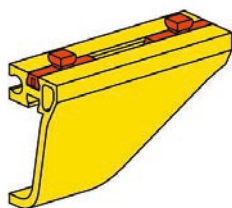
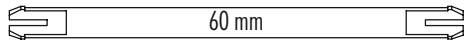
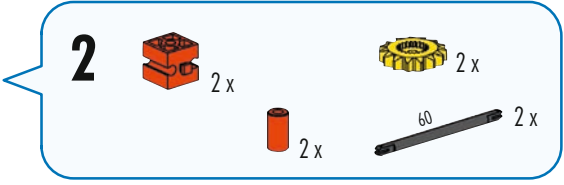
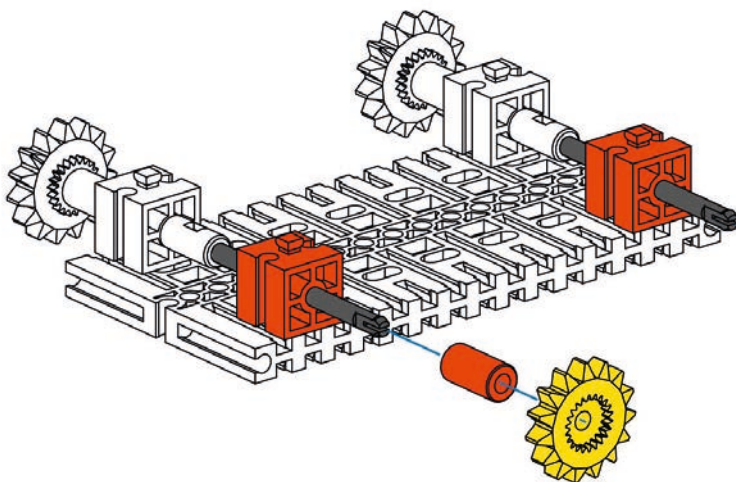
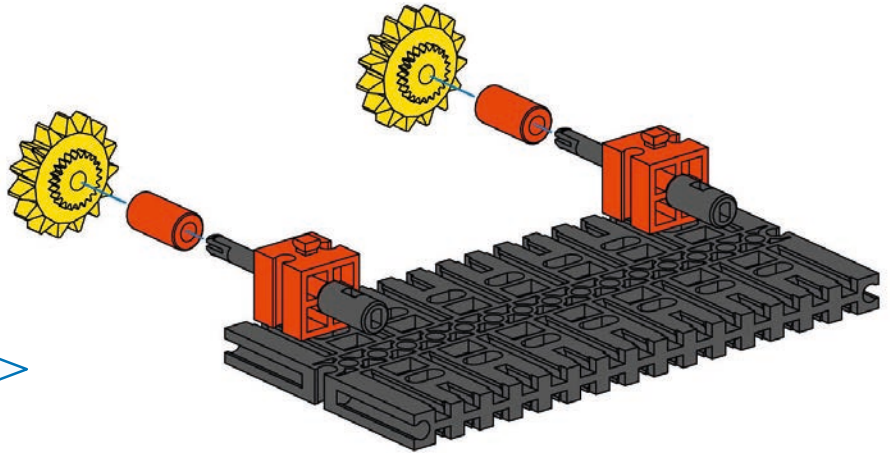
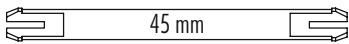
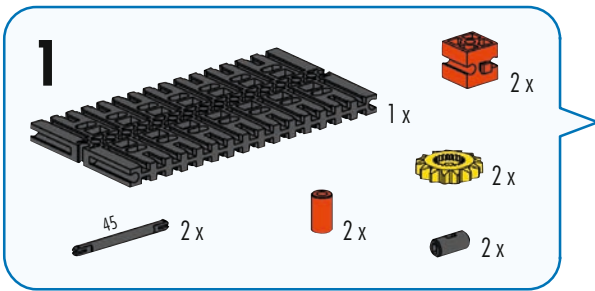
[www.fischertechnik.de/PLUS-Universal4](http://www.fischertechnik.de/PLUS-Universal4)



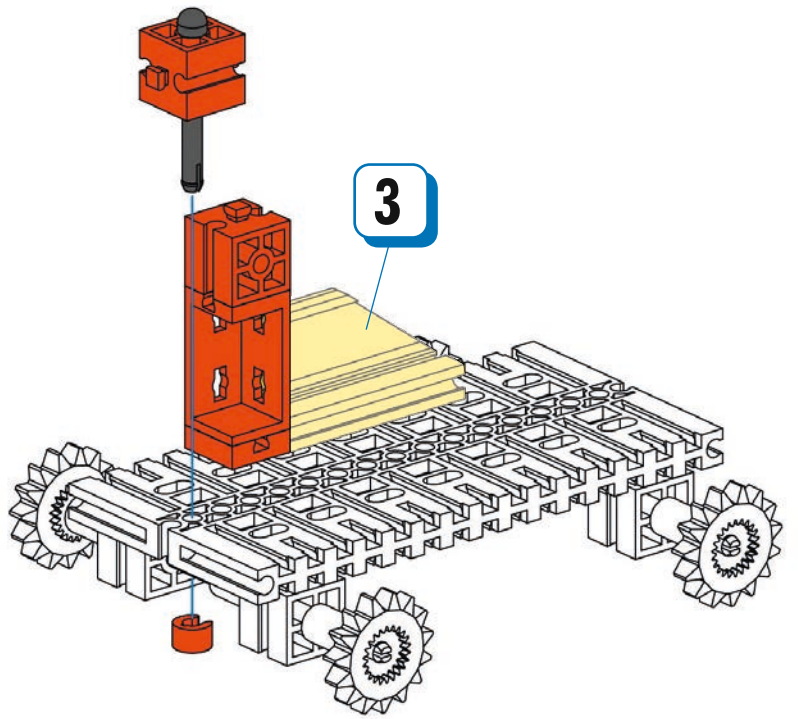
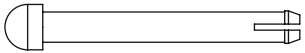
**Pistenraupe**  
**Ski area grader**  
**Chenille de damage**  
**des pistes**

**Pistebulldozer**  
**Oruga de pistas**  
**Lagarta de rodovias**

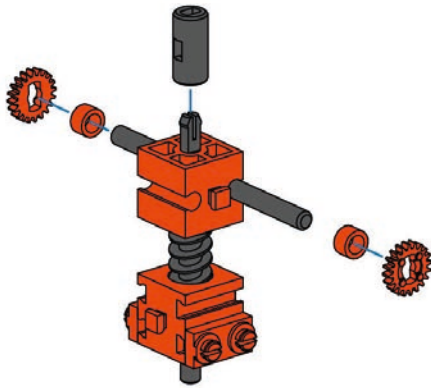
**Cingolato per pista**  
**Ра́трак**  
**滑雪场扫雪车**



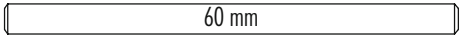
- 4**
- 1x [Small red 1x2 Technic brick]
  - 1x [Red 1x2 Technic brick with hole]
  - 2x [Red 1x2 Technic brick with hole]
  - 1x [Grey Technic axle]
  - 1x [Red Technic bush]



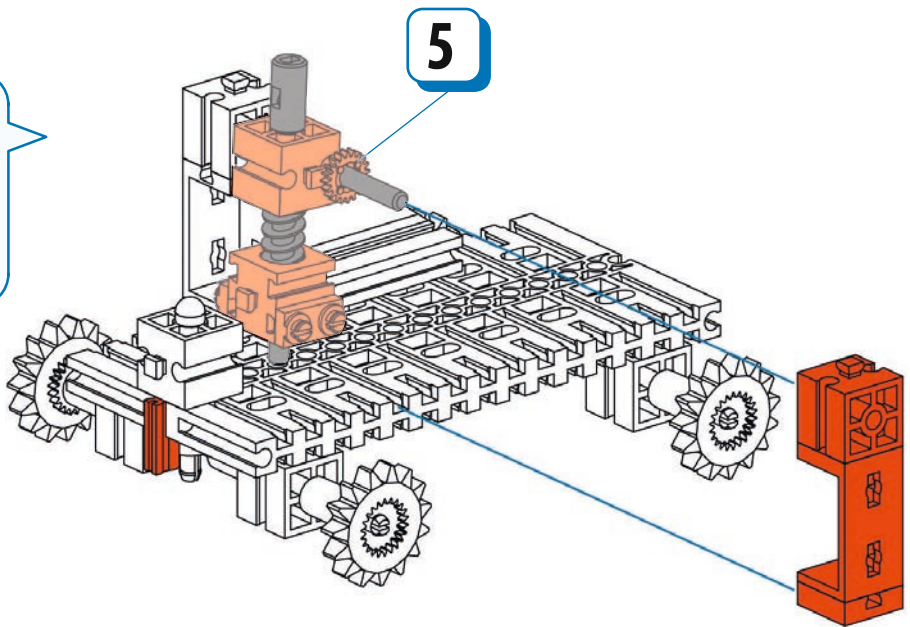
**3**



- 5**
- 1x [Red 1x2 Technic brick with hole]
  - 1x [Red 1x2 Technic brick with hole]
  - 1x [Grey Technic axle]
  - 1x [Grey Technic axle]
  - 1x [Grey Technic axle, length 60]
  - 2x [Red Technic bush]
  - 2x [Black Technic bush]
  - 2x [Red Technic bush]

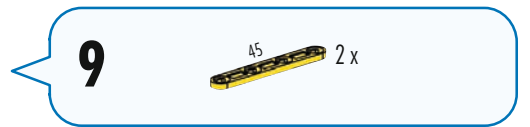
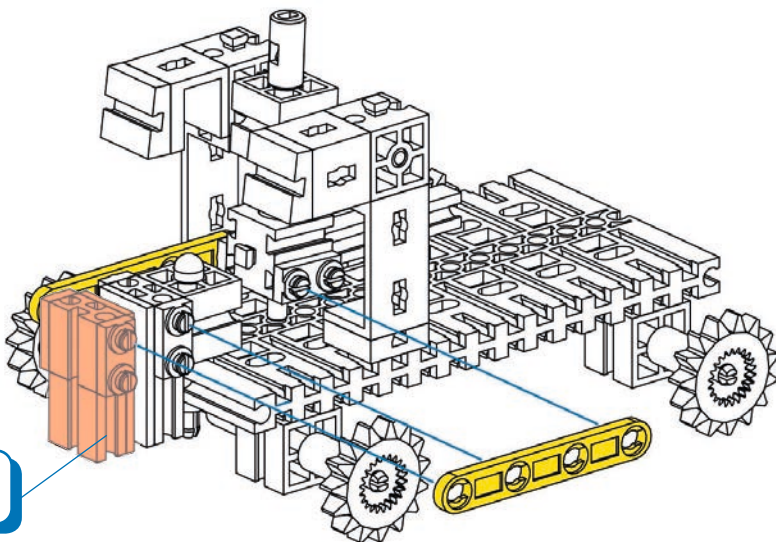
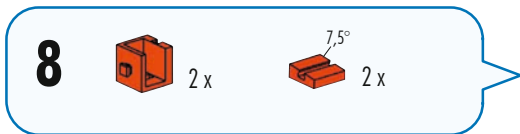
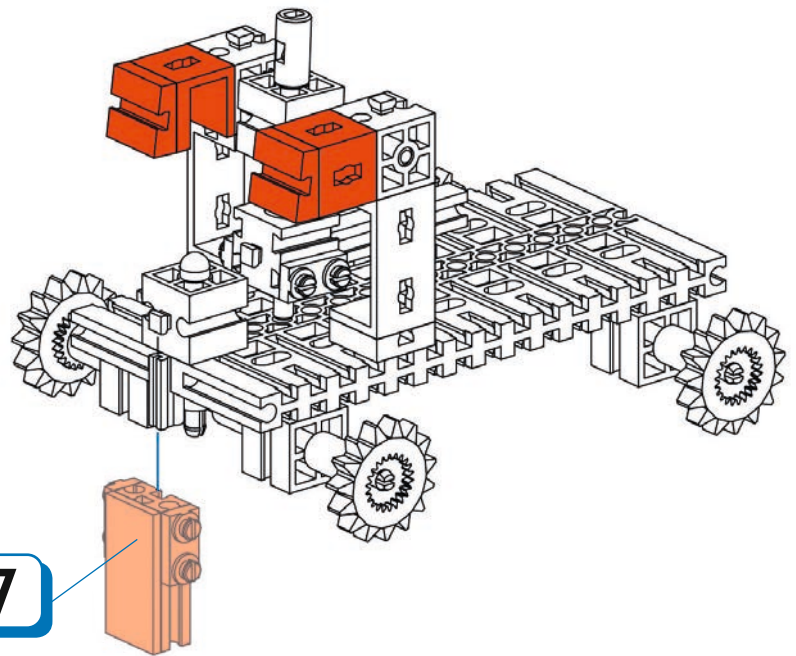
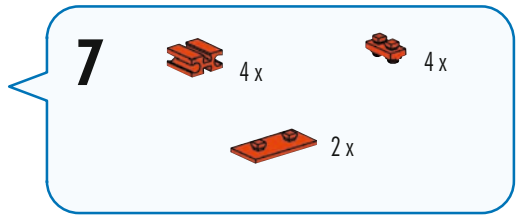
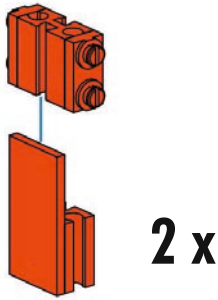




- 6**
- 1x [Small red 1x2 Technic brick]
  - 1x [Red 1x2 Technic brick with hole]
  - 1x [Red 1x2 Technic brick with hole]
  - 1x [Red 1x2 Technic brick with hole]

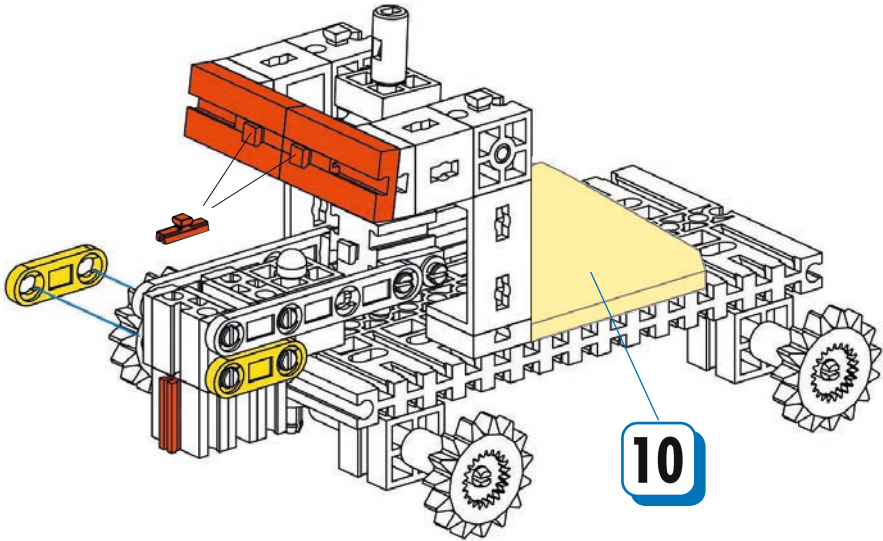
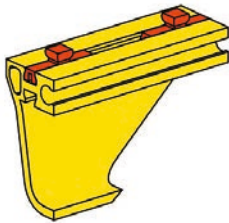






**5**

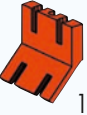
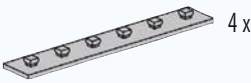


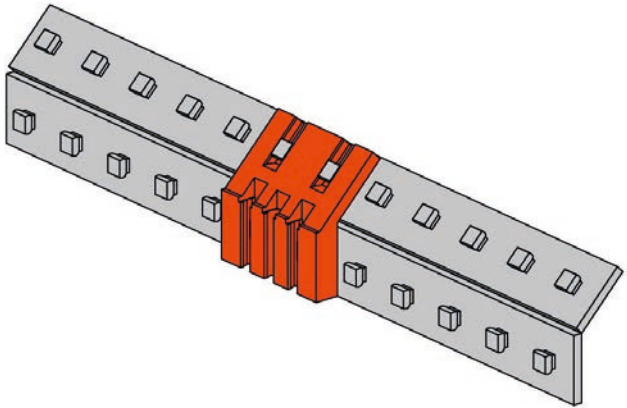







**10**  1x  
 2x

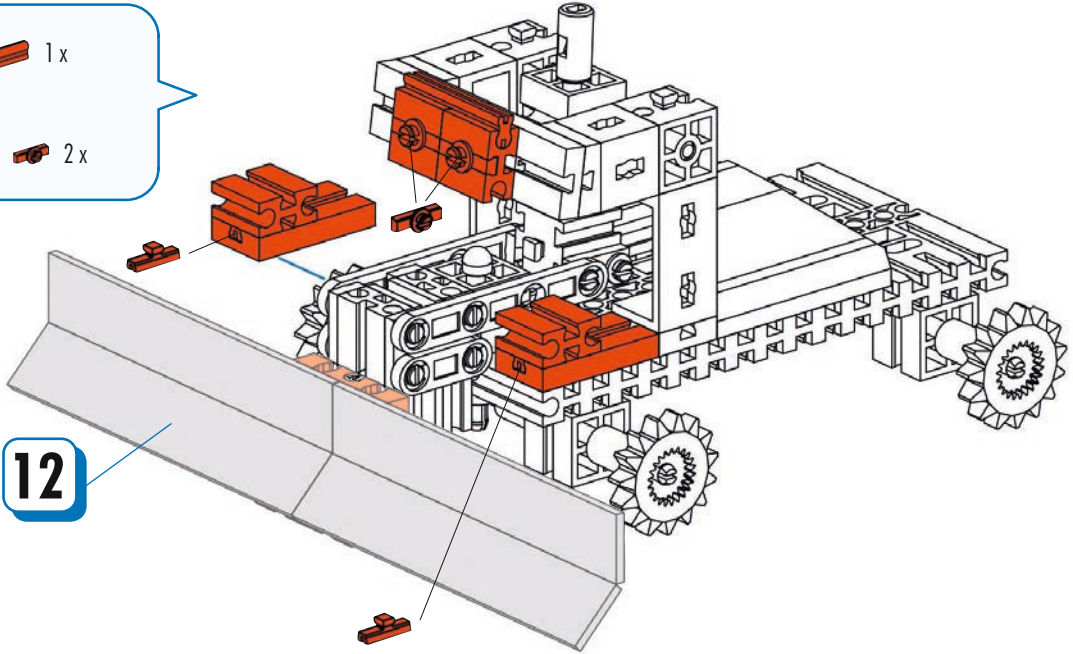


**11**  2x  2x  
 1x  2x

**12**  1x  4x

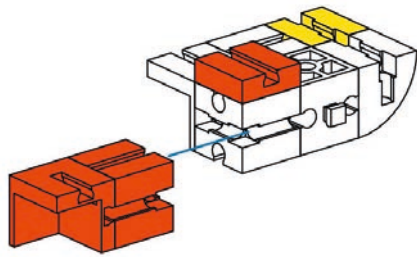
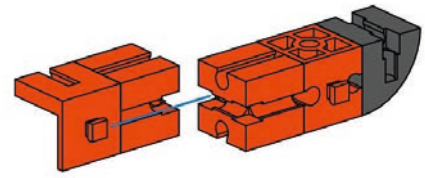


**13**  2x  1x  
 4x  2x  2x



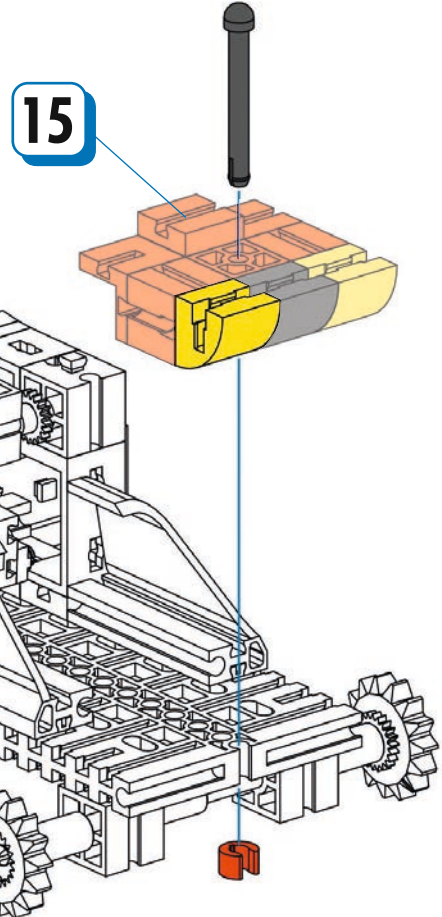
**14**

- 2x
- 1x
- 1x
- 1x



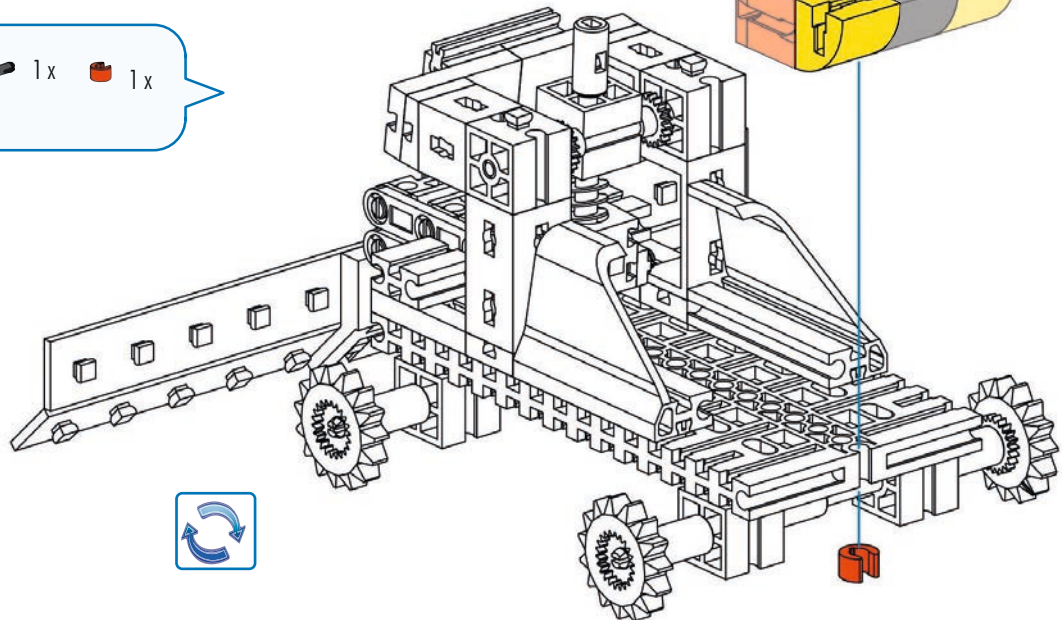
**15**

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



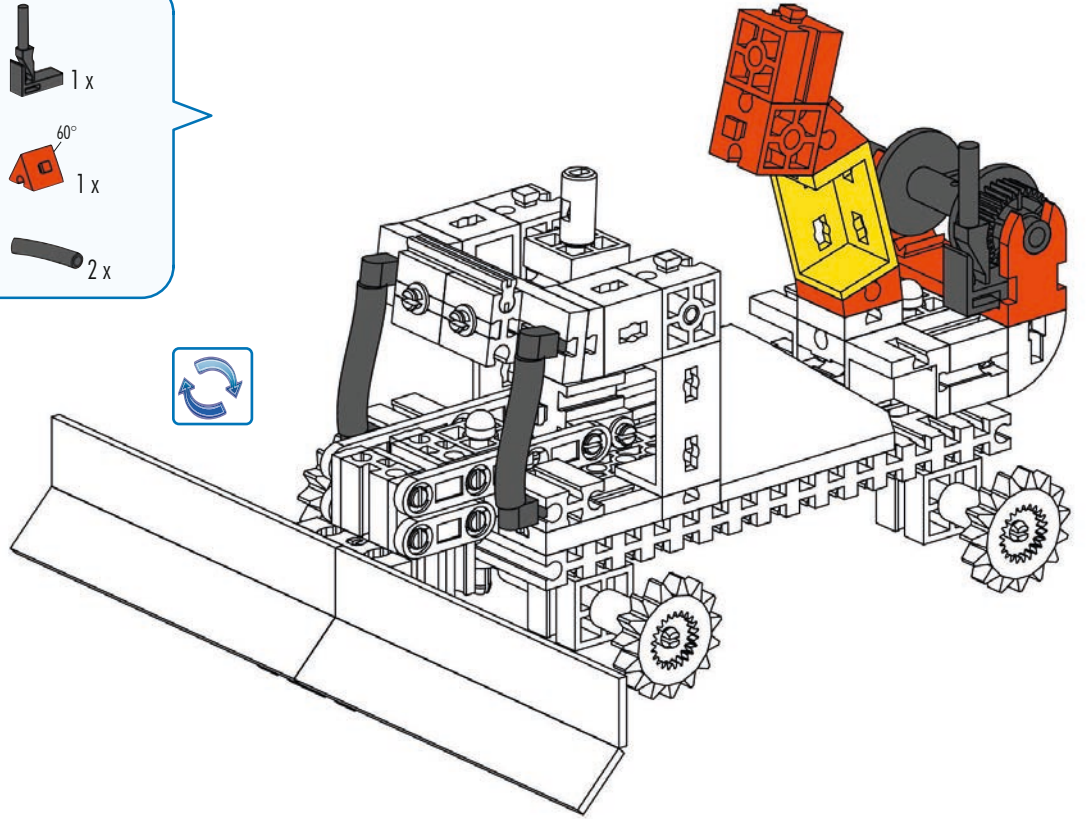
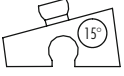
**16**

- 1x
- 1x
- 1x



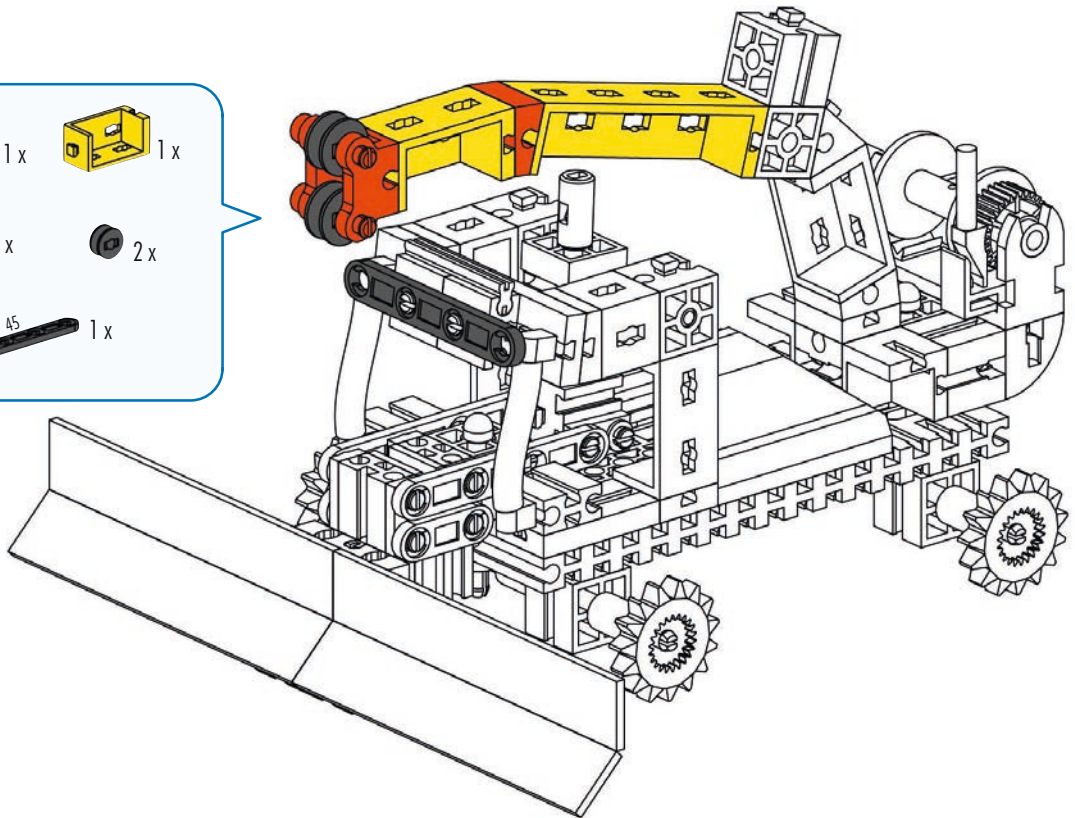
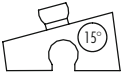
**17**

- 1x (Red motor assembly)
- 1x (Black L-shaped Technic part)
- 1x (Yellow Technic part)
- 2x (Red Technic part)
- 1x (Red Technic part with 60° angle)
- 1x (Red Technic part with 15° angle)
- 4x (Black Technic pins)
- 2x (Black Technic axle)



**18**

- 1x (Yellow Technic beam)
- 1x (Yellow Technic part)
- 1x (Red Technic part)
- 2x (Red Technic pins)
- 2x (Black Technic pins)
- 1x (Red Technic part with 15° angle)
- 1x (Black Technic axle with 45° angle)



52x (Black Technic axle)

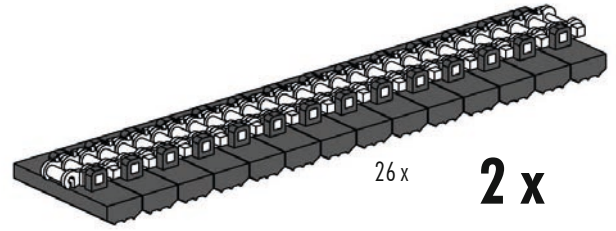
**2x**

**19**

104x (Black Technic pins)

20

52 x

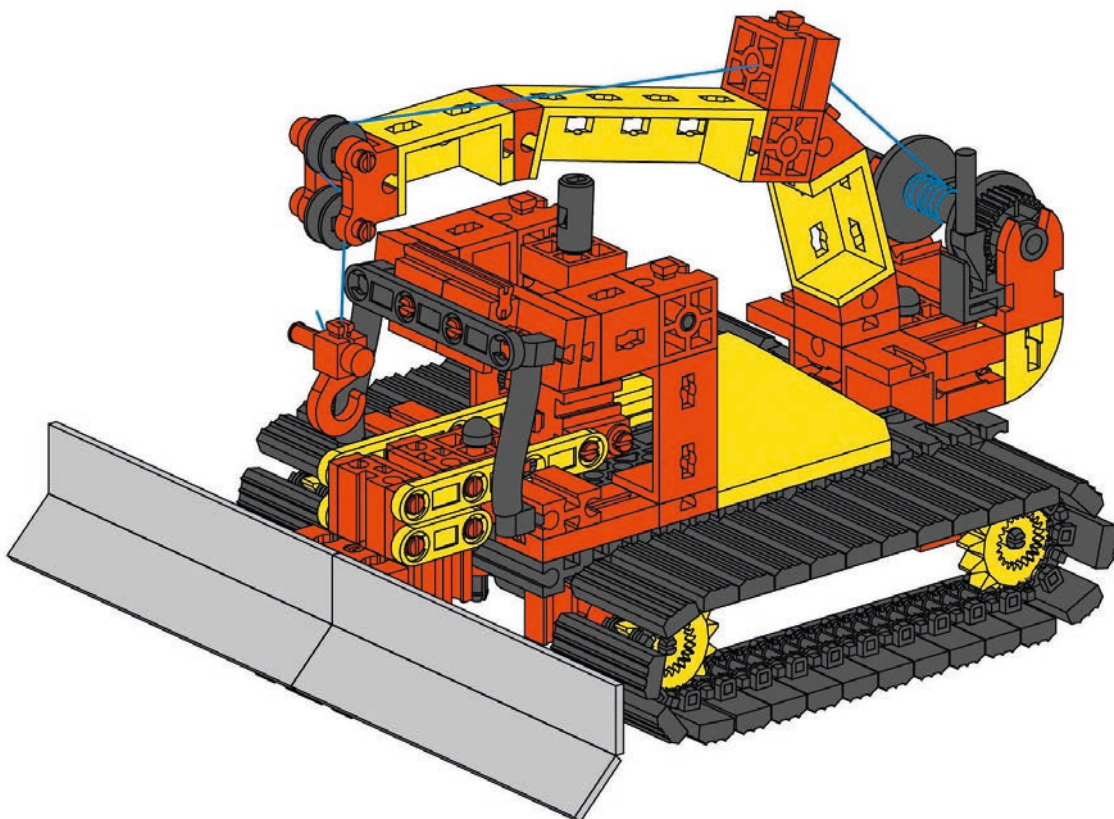
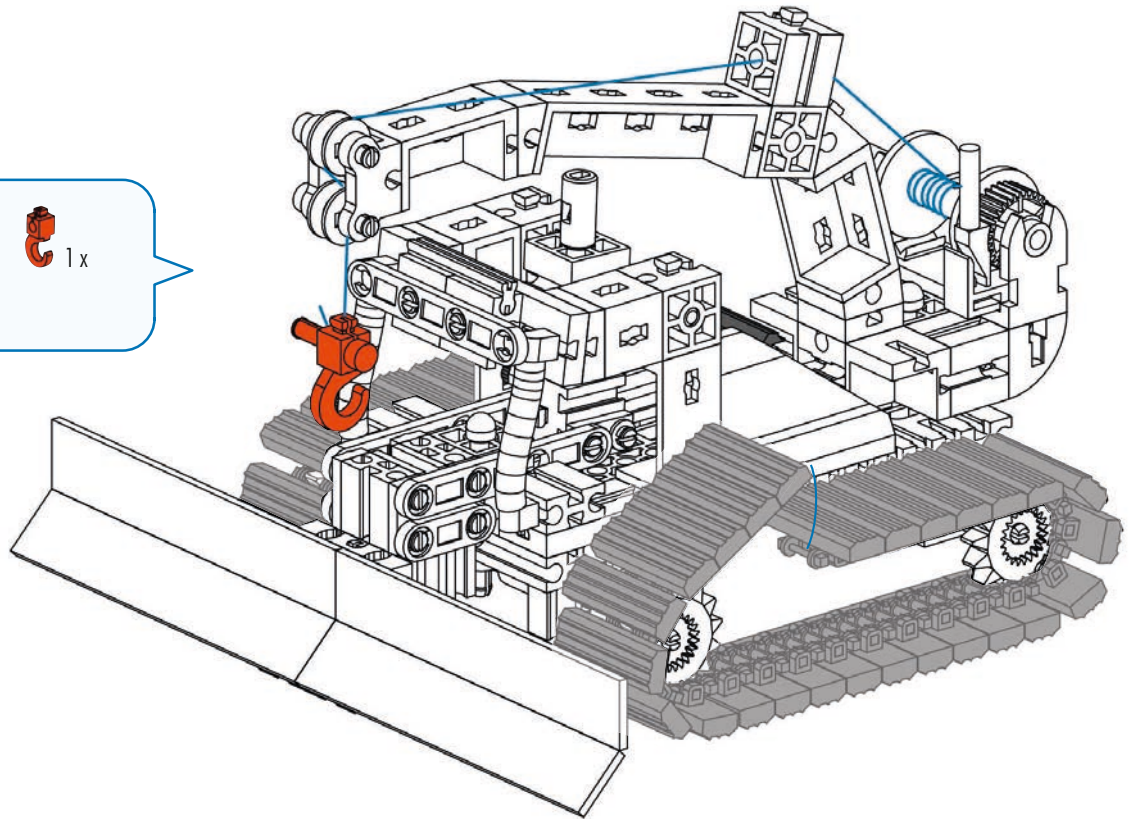


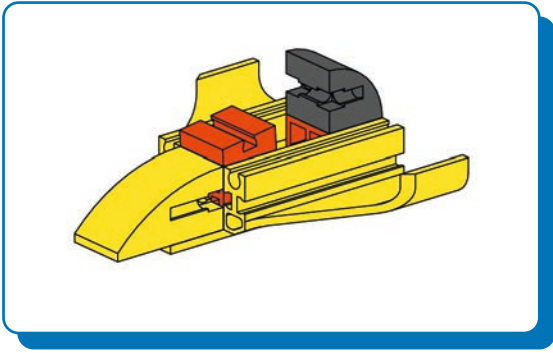
21

1 x

1 x

1 x

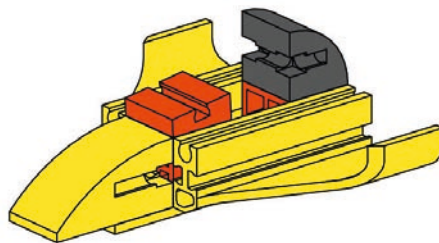
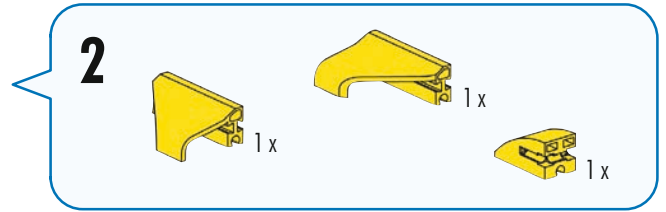
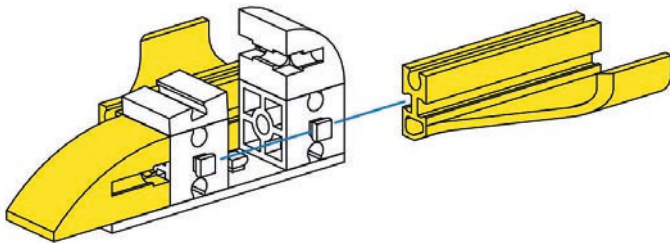
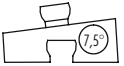
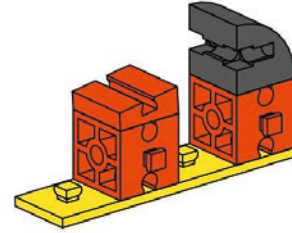
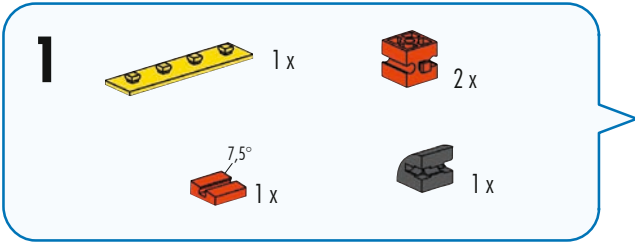


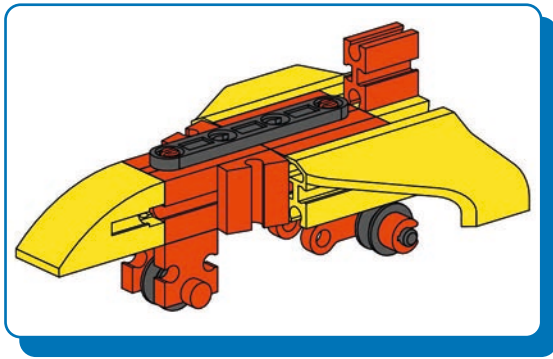


**Raumschiff**  
**Spaceship**  
**Vaisseau spatial**

**Ruimteschip**  
**Astronave**  
**Nave espacial**

**Astronave**  
 космический корабль  
 飞船

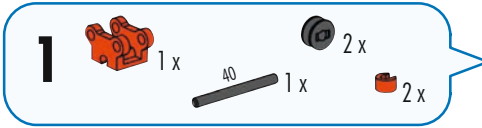




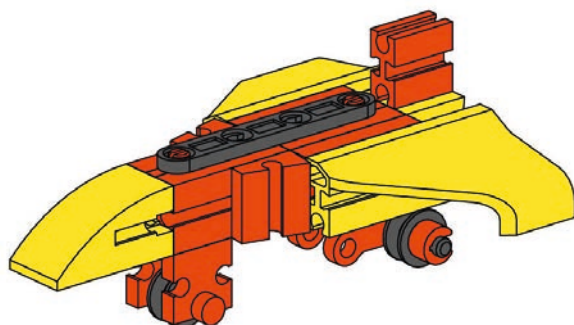
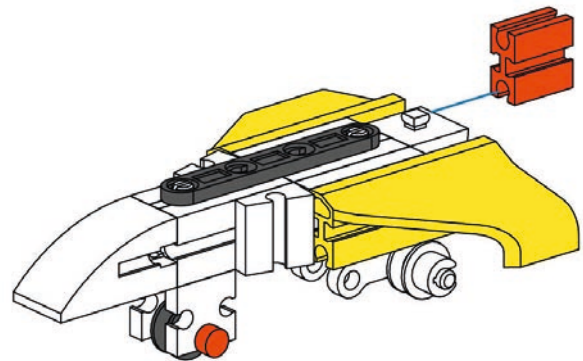
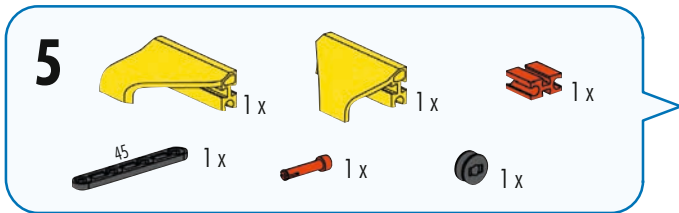
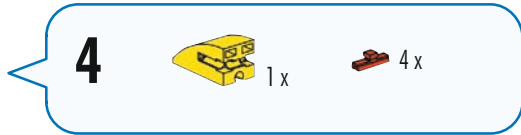
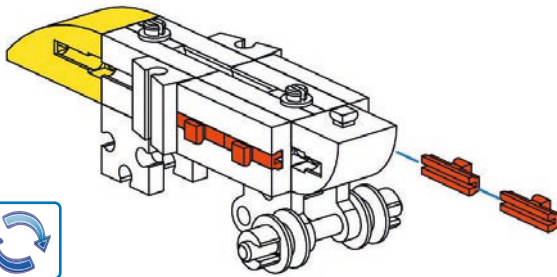
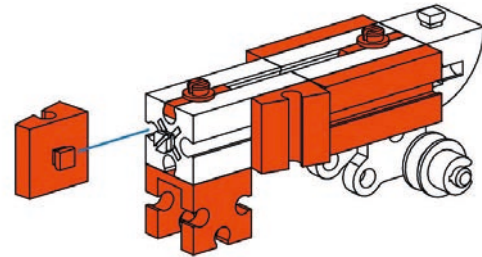
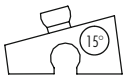
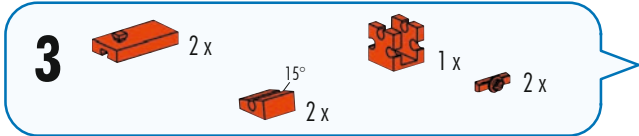
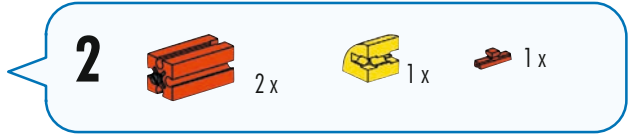
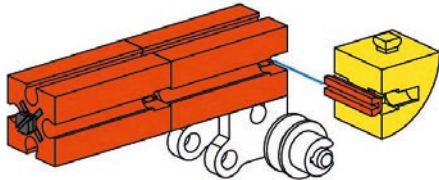
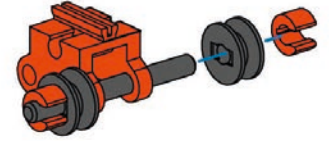
**Düsenjet**  
**Jet airplane**  
**Avion à réaction**

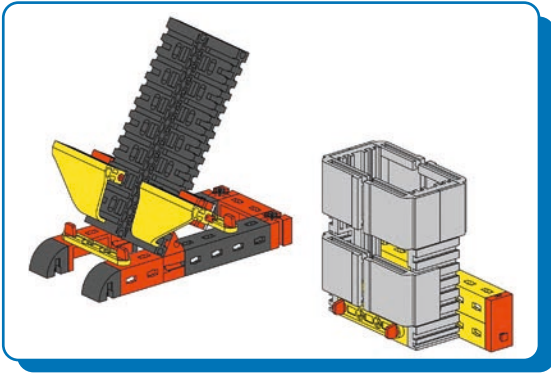
**Straaljager**  
**Avión a reacción**  
**Avião a jato**

**Aviogetto**  
 Реактивный самолёт  
 喷气式飞机



40 mm

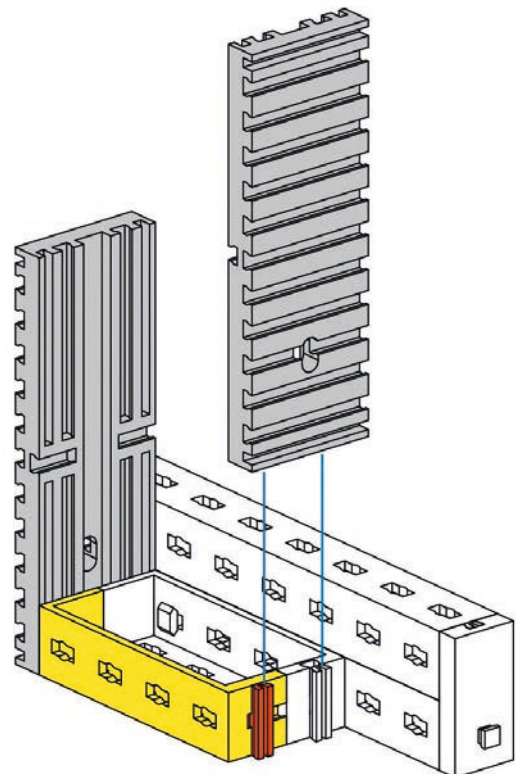
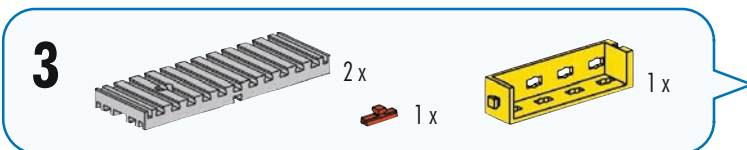
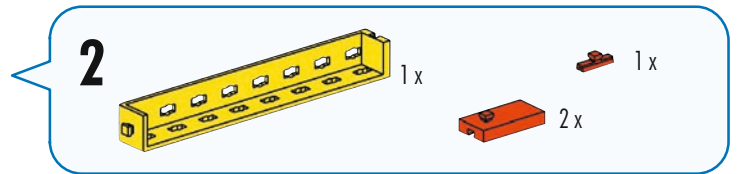
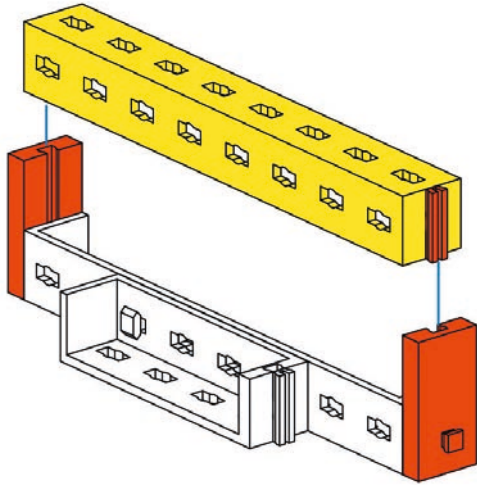
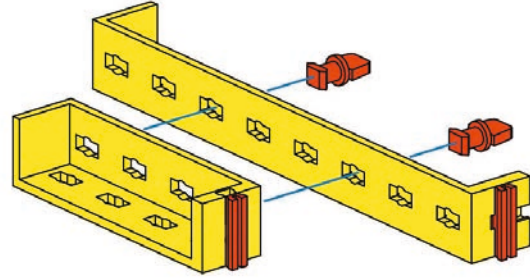
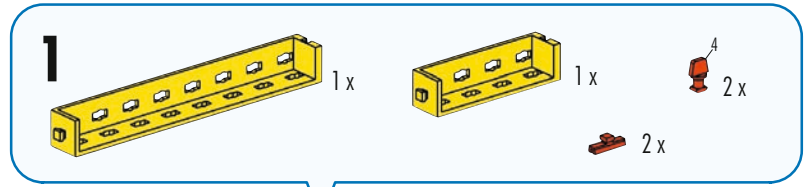




Schreibtischset  
Desk set  
Parure de bureau

Bureauset  
Kit para escritorio  
Conjunto de  
escrivaninha

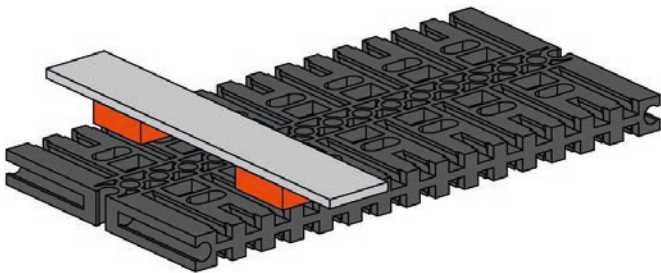
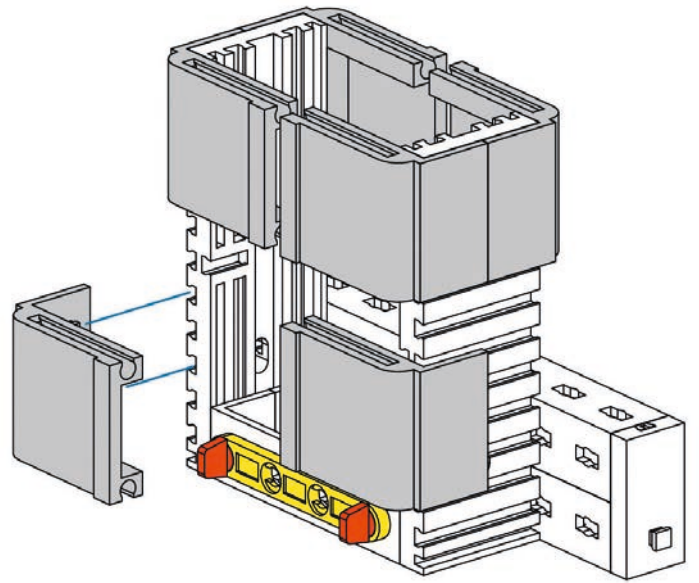
Set per scrivania  
Набор для  
письменного стола  
文具套件





**4**

6x  
45 1x  
A 2x

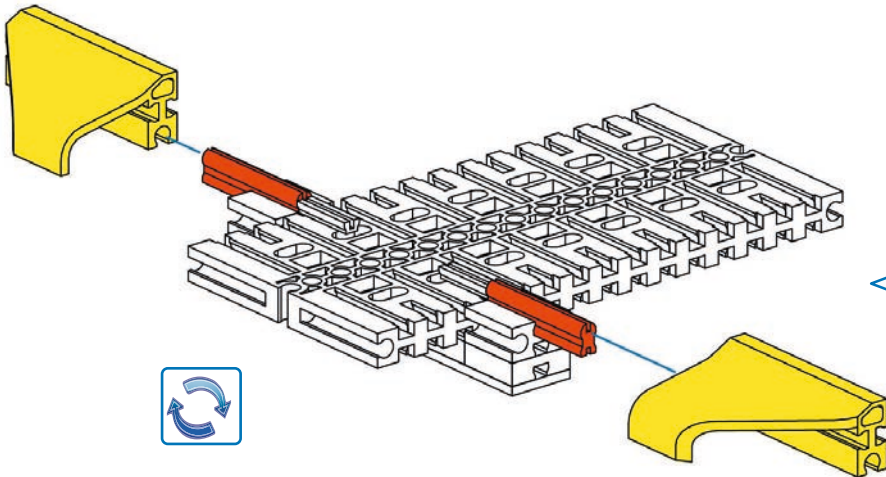
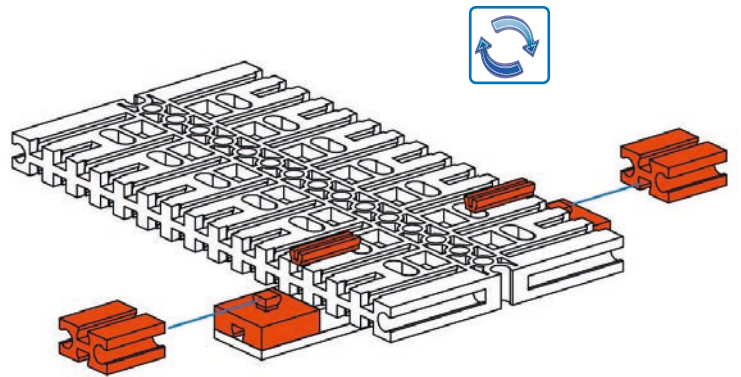


**5**

1x  
2x  
1x

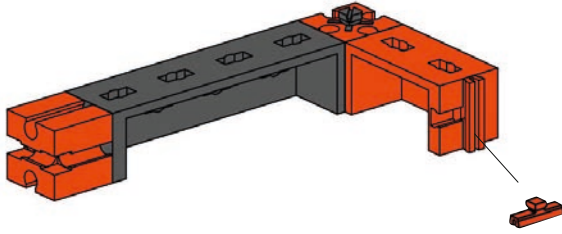
**6**

2x  
2x  
2x



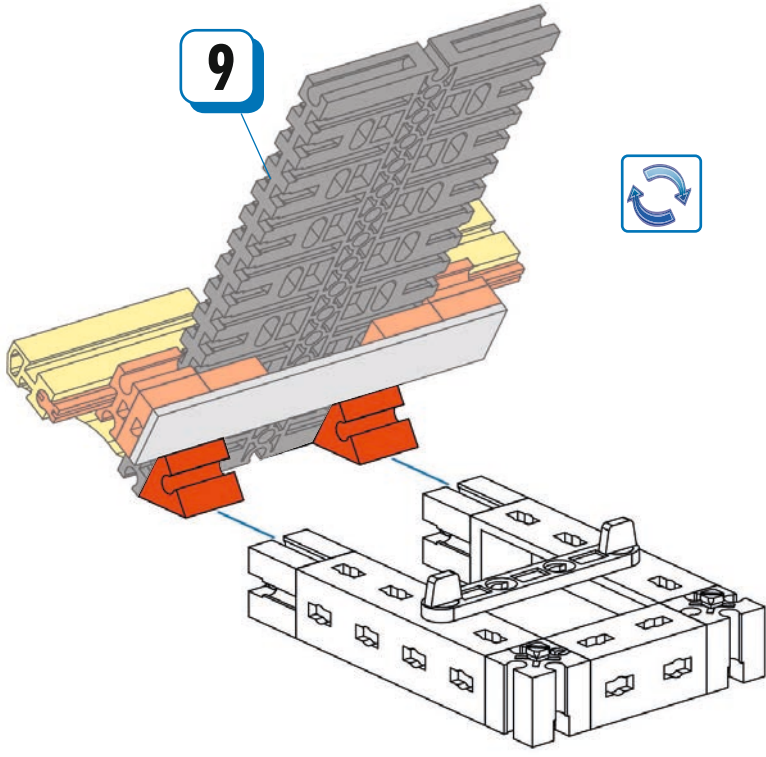
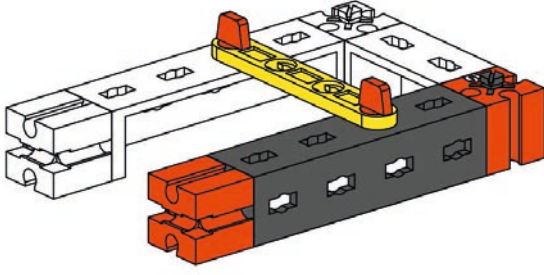
**7**

1x  
1x  
30 2x



**8** 1x grey Technic beam, 1x orange Technic beam, 2x orange Technic pins, 1x red Technic pin

**9** 1x grey Technic beam, 2x orange Technic pins, 1x yellow Technic axle (45), 2x red Technic pins (4)



**10** 2x orange Technic pins (60°)

11



2x



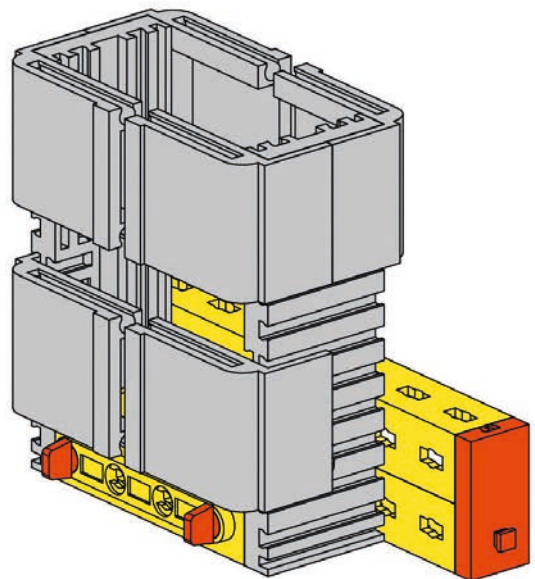
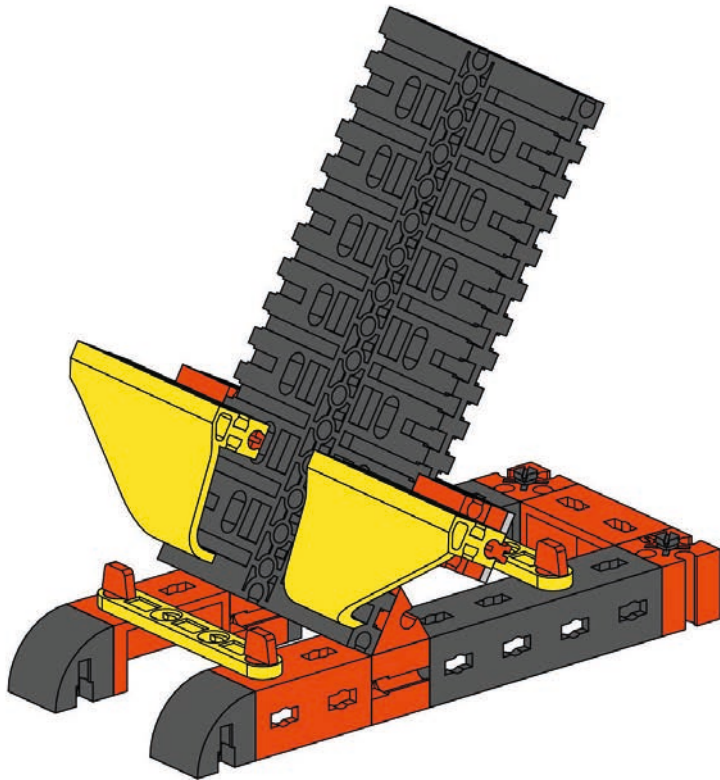
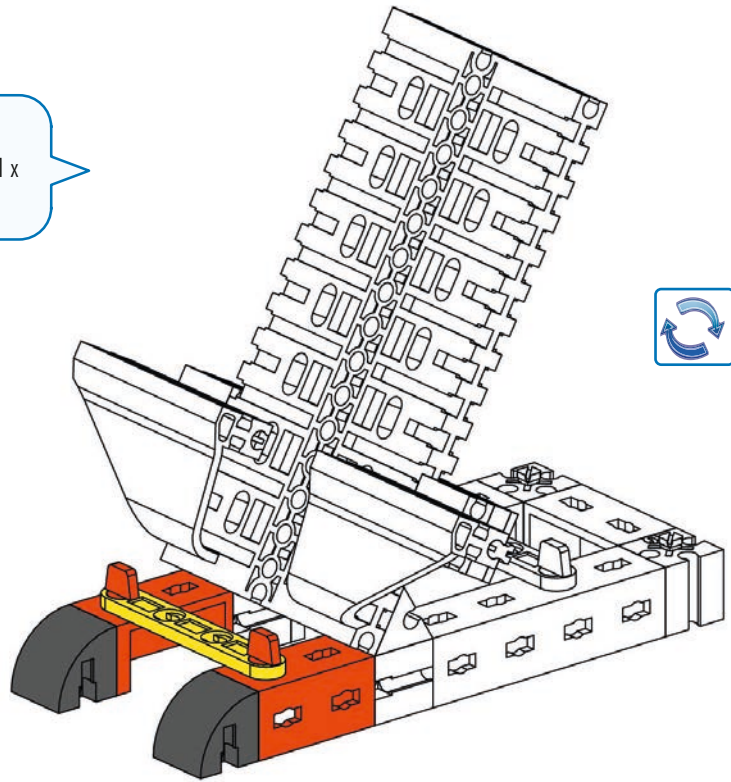
2x



2x



1x

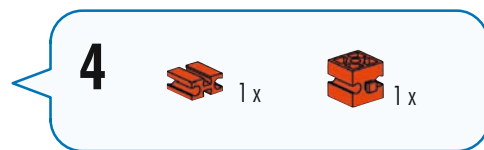
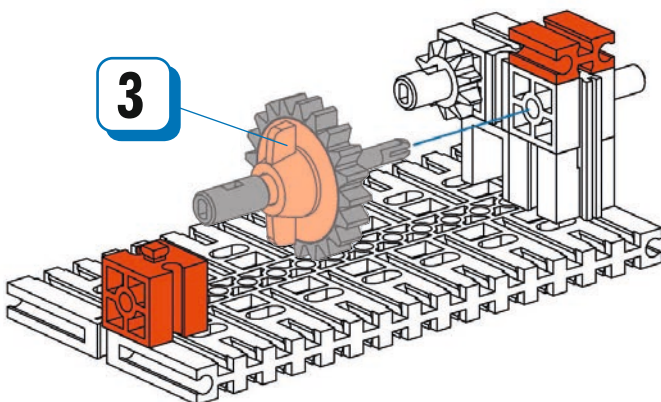
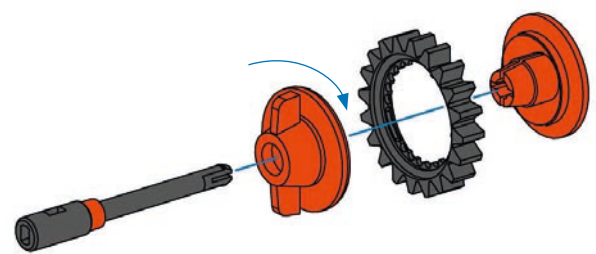
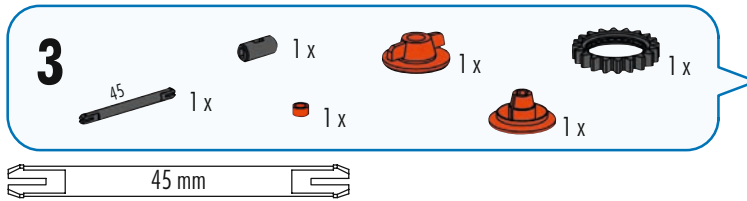
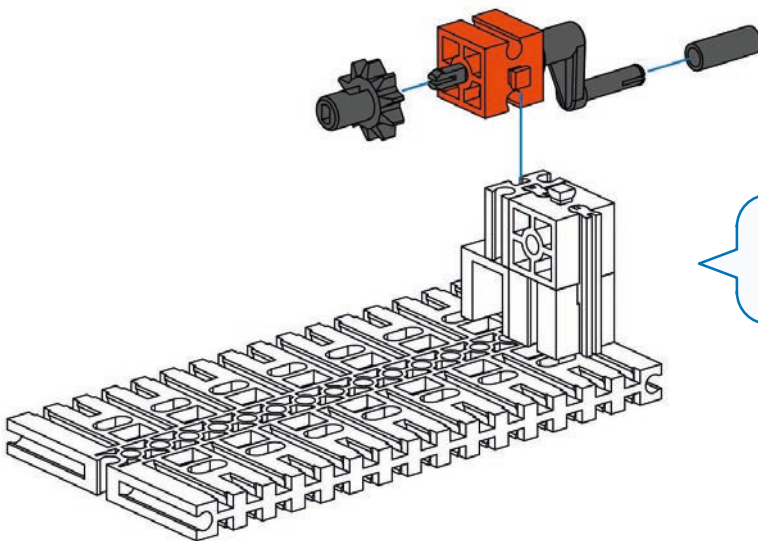
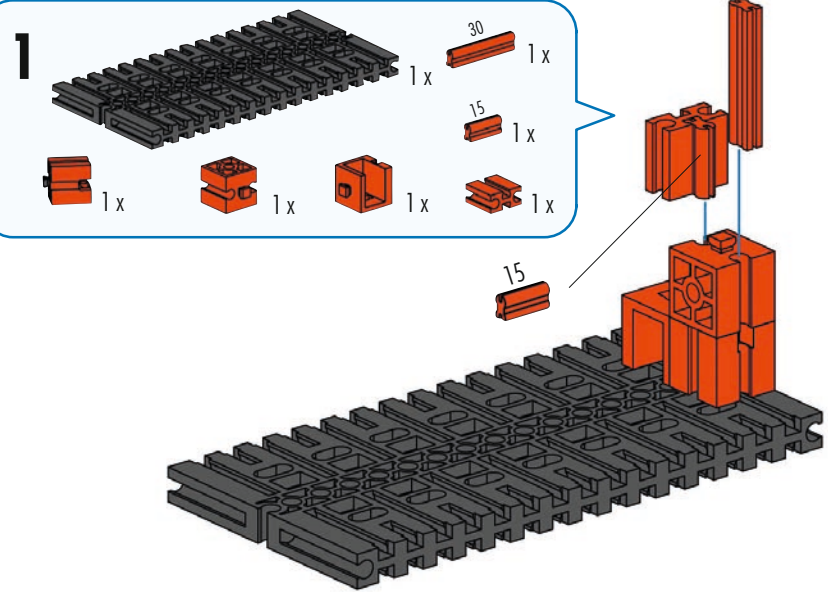




Spielplatz  
Playground  
Aire de jeu pour  
enfants

Speelplaats  
Parque infantil  
Parque infantil

Parco giochi  
Игровая площадка  
游乐场



5



1x

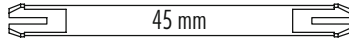


1x

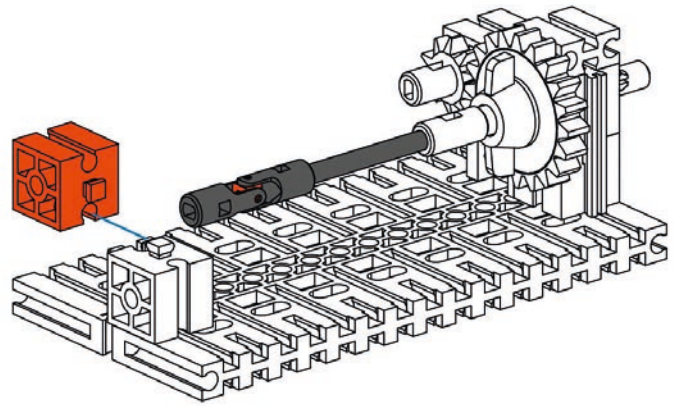


45

1x



45 mm



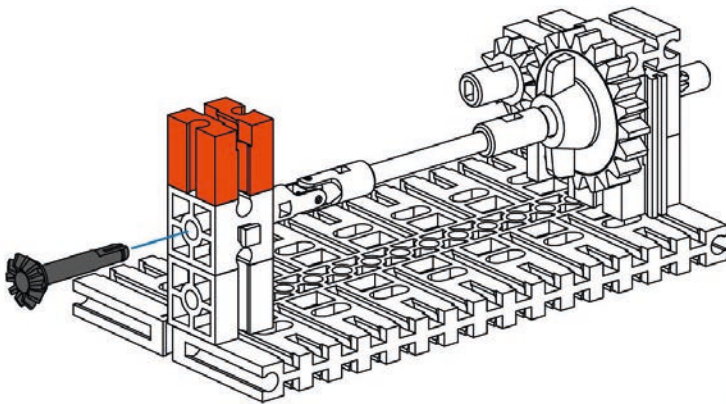
6



1x



1x



7



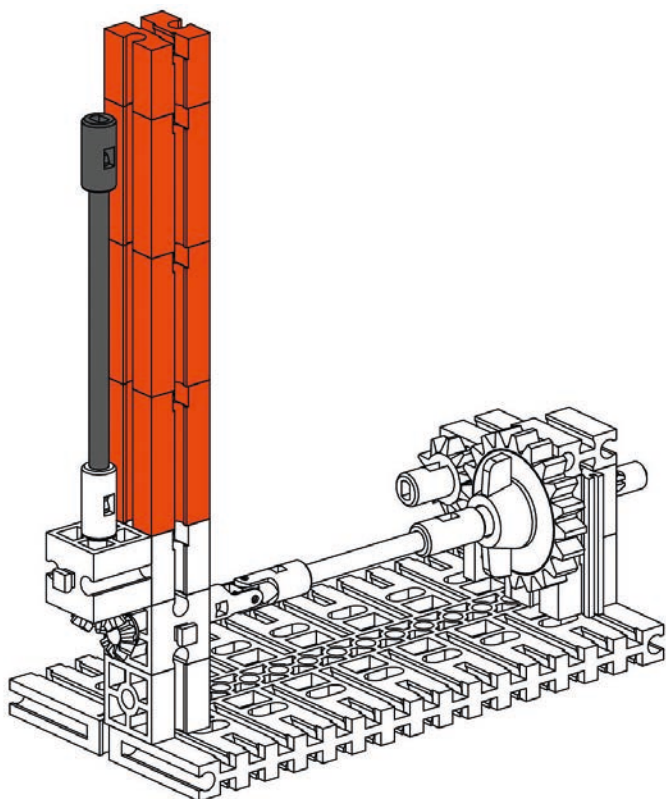
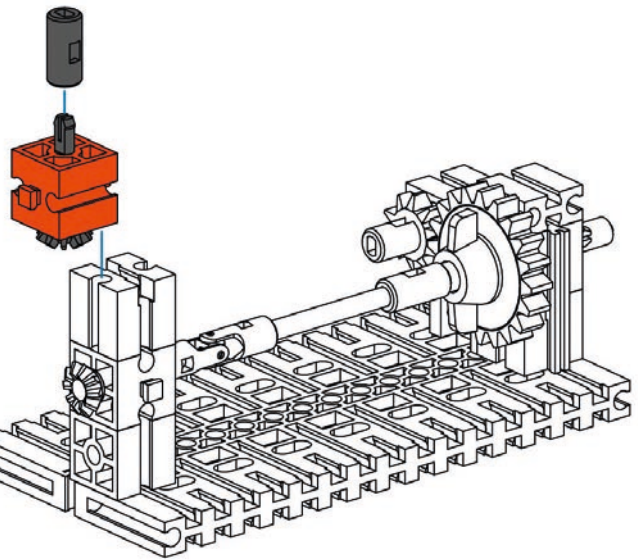
1x



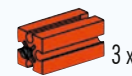
1x



1x



8



3x



1x

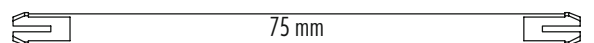


1x

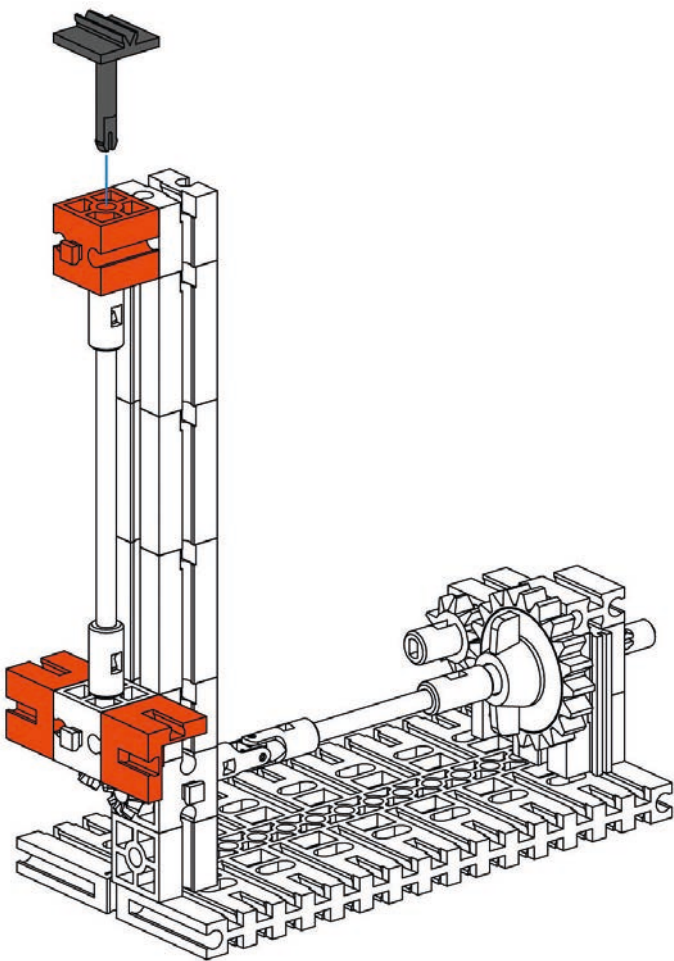





75





1x

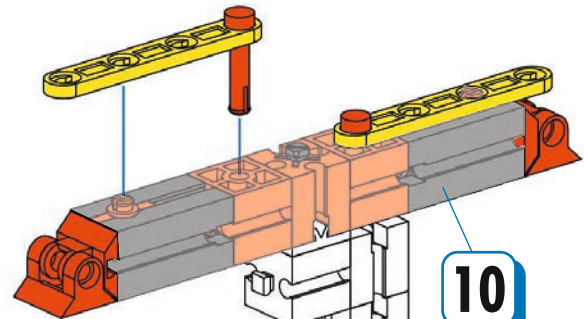
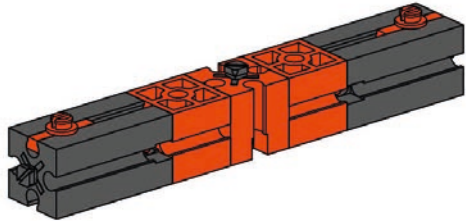





75 mm

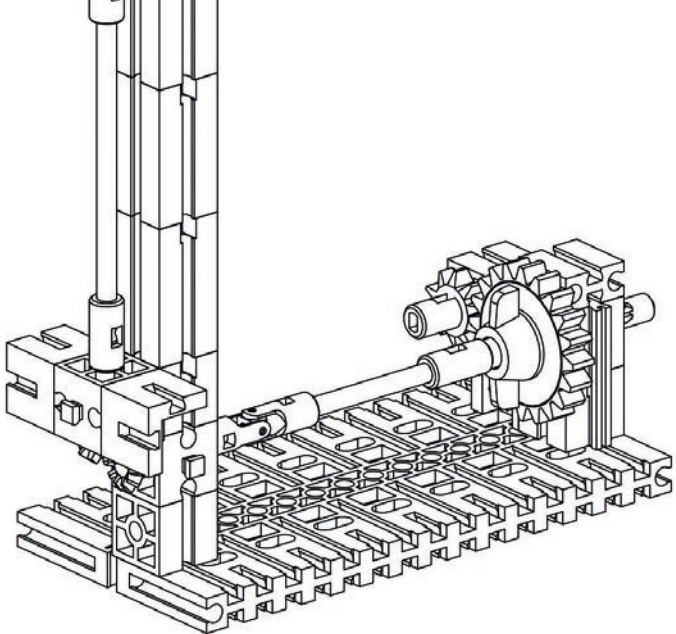


**9**  1x  1x  2x

**10**  1x  2x  2x  2x

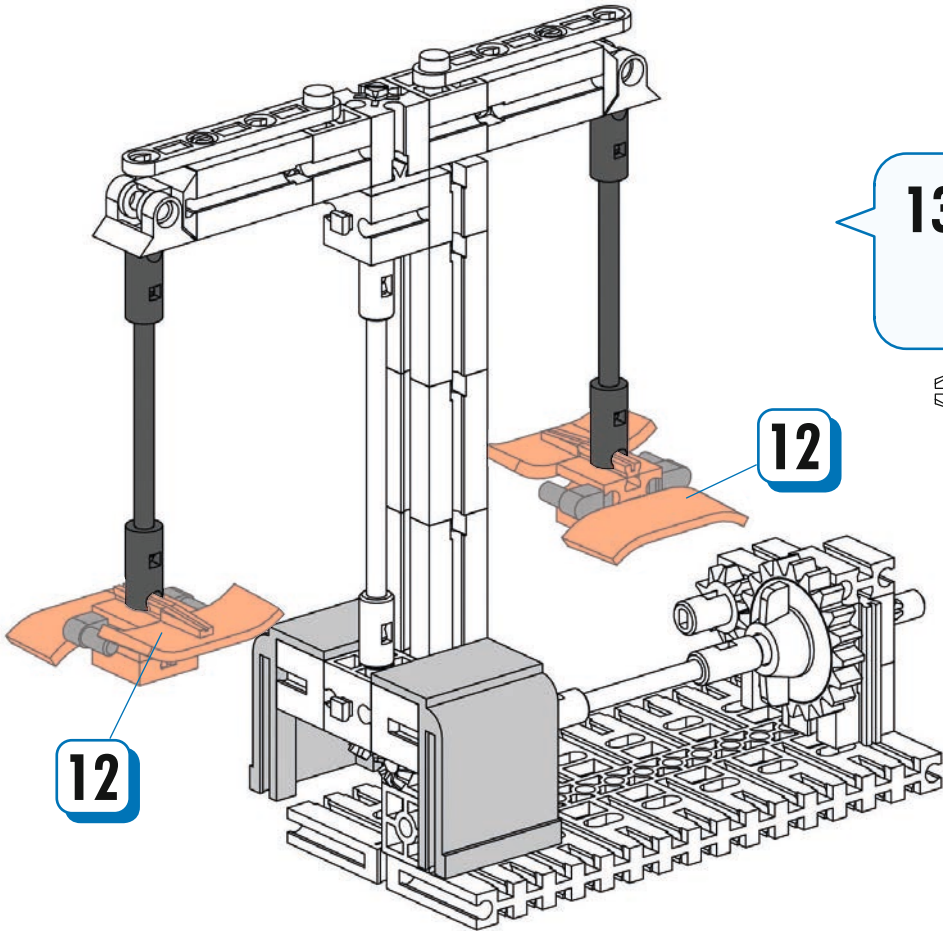
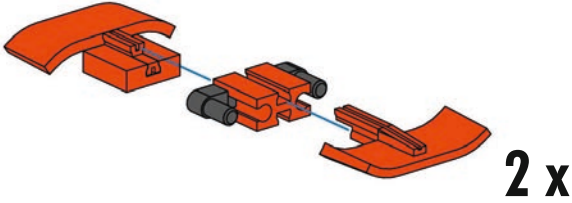


**11**  45 2x  2x  2x



**12**

- 2 x (orange 1x2 Technic brick)
- 2 x (orange 1x2 Technic brick with hole)
- 4 x (black Technic pin)
- 4 x (orange Technic curved plate)



**13**

- 2 x (black Technic axle, length 60)
- 4 x (black Technic bush)
- 2 x (grey Technic frame)

60 mm

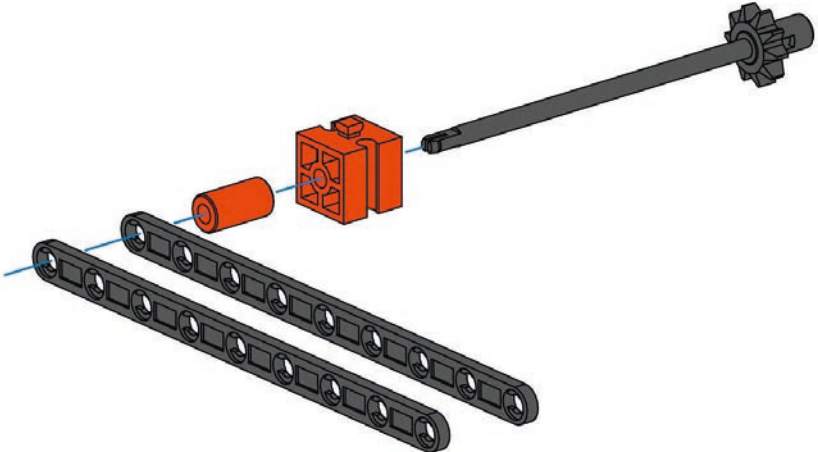
**12**

**12**

**14**

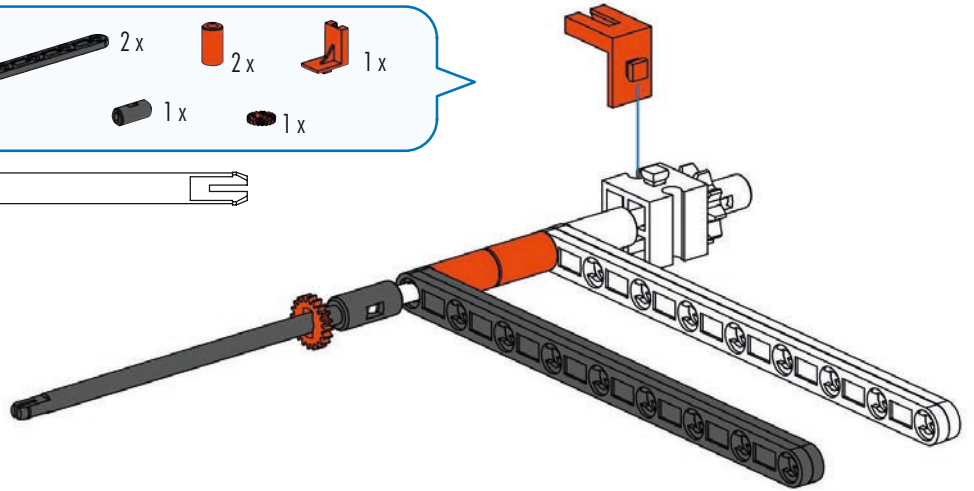
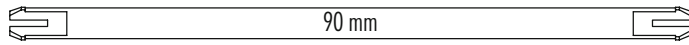
- 1 x (black Technic axle, length 90)
- 2 x (black Technic axle, length 120)
- 1 x (black Technic pin)
- 1 x (orange 1x2 Technic brick)
- 1 x (orange Technic bush)

90 mm



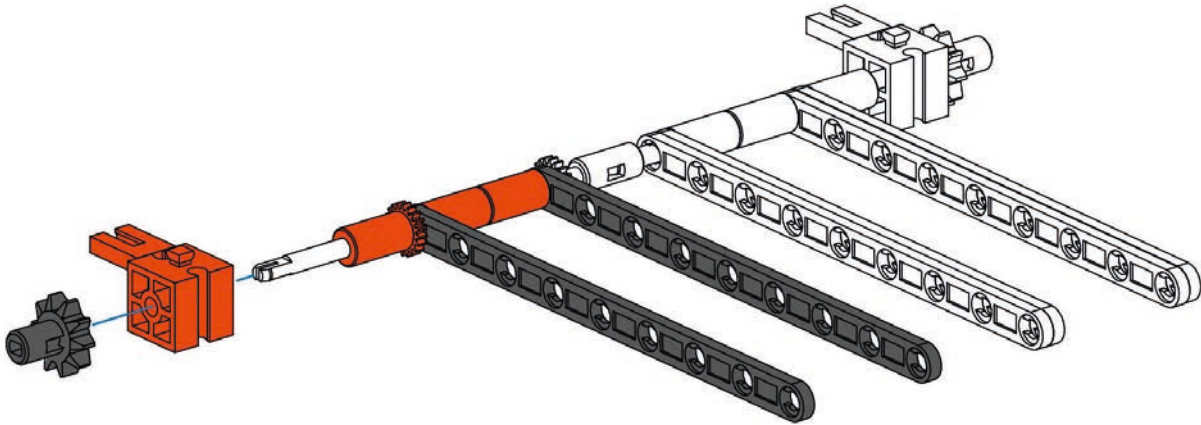
15

- 90 1x
- 120 2x
- 2x
- 2x
- 1x
- 1x



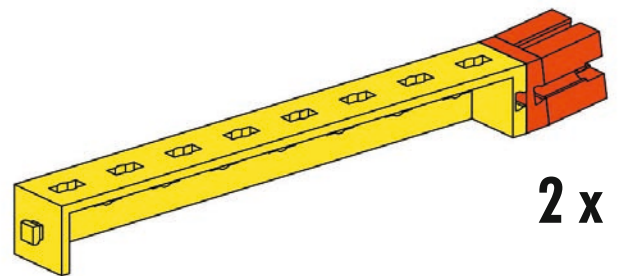
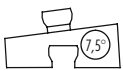
16

- 120 2x
- 3x
- 1x
- 1x
- 1x

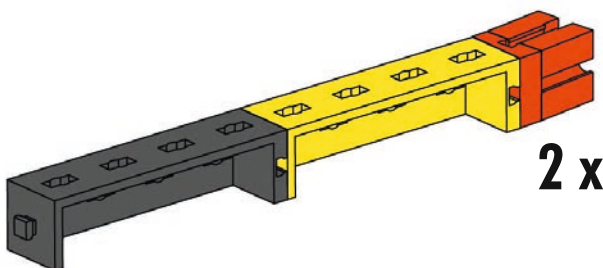


17

- 2x
- 2x
- 7.5° 2x



2 x



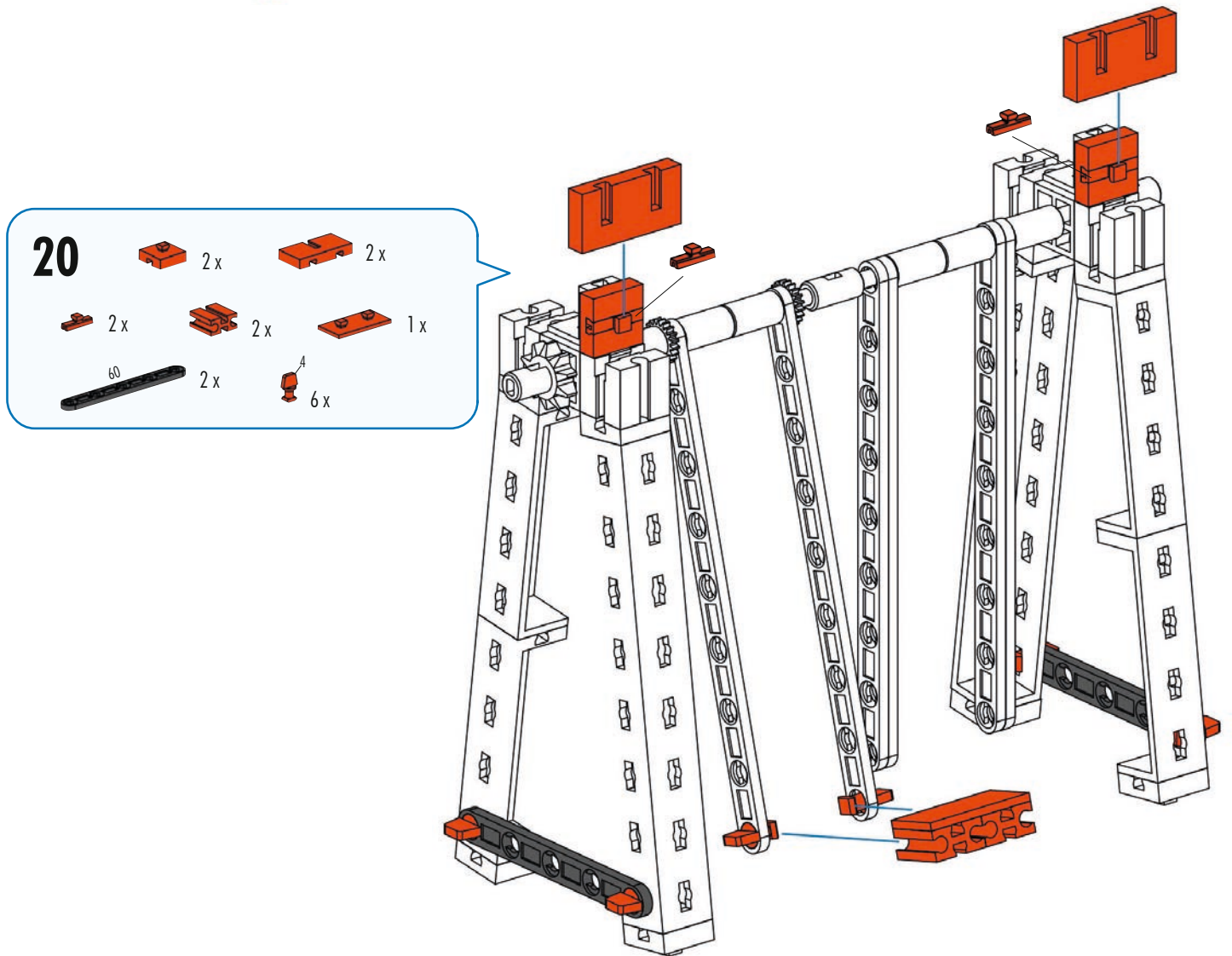
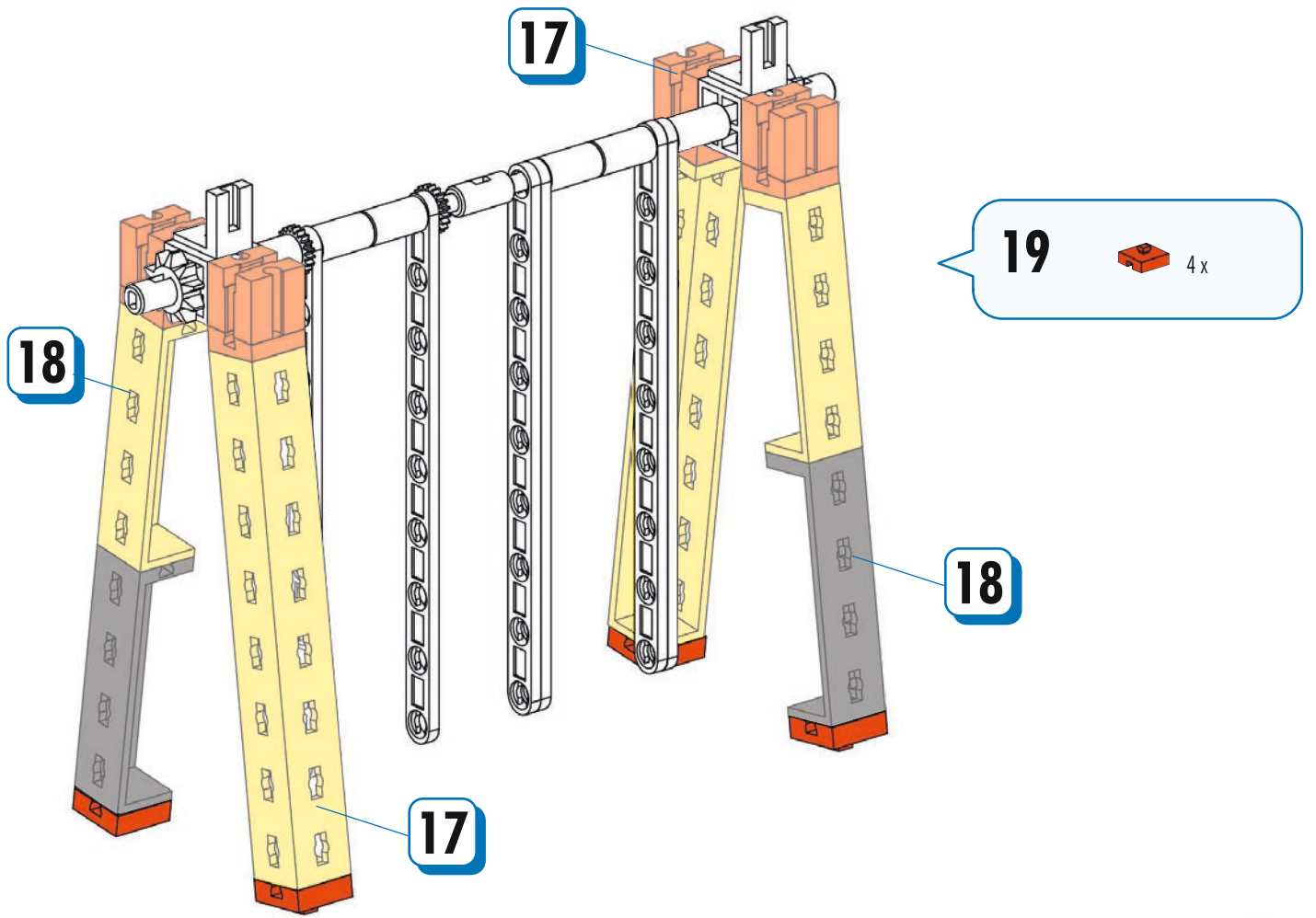
2 x

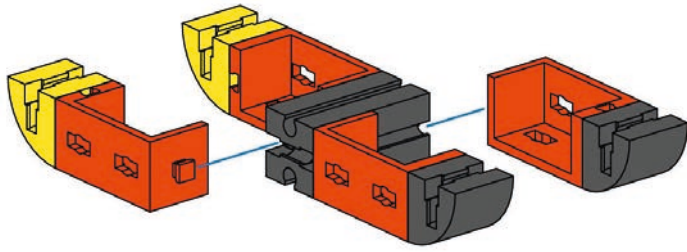
18



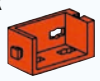

- 2x
- 2x
- 2x
- 7.5° 2x



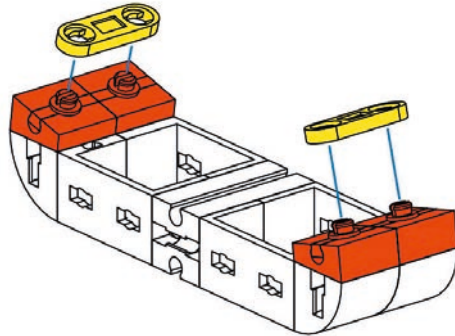


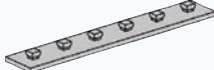




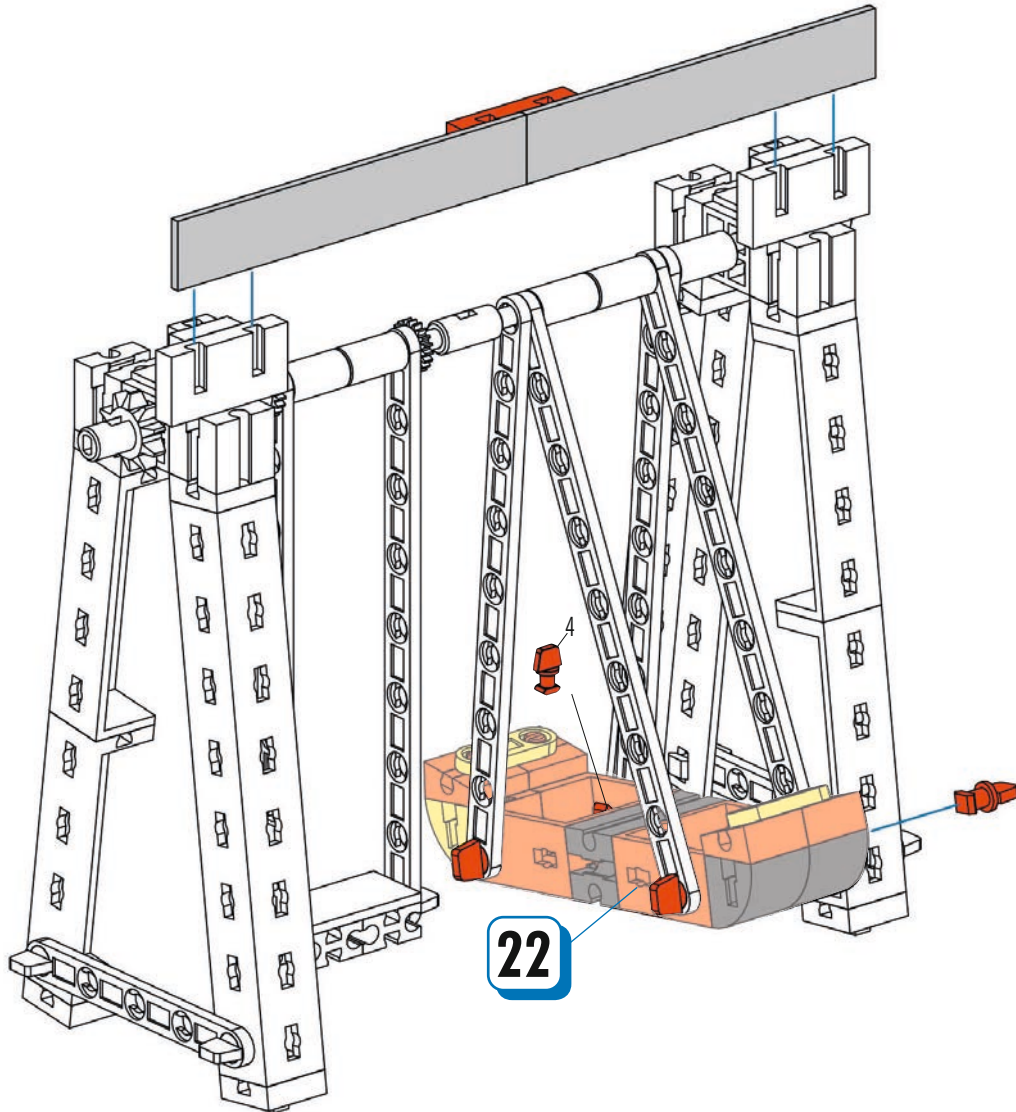


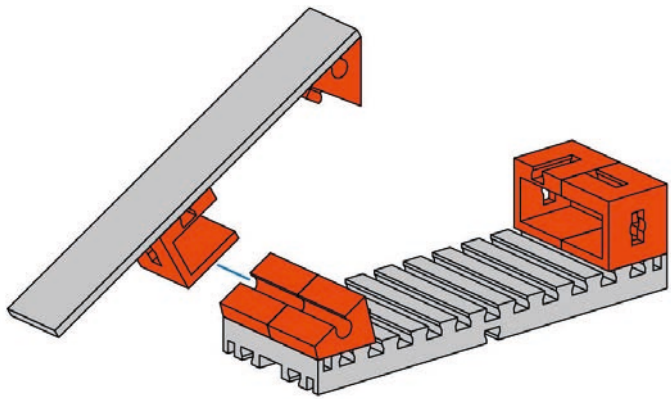
**21**  1x  2x  4x  2x

**22**  4x  4x  2x



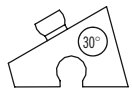
**23**  2x  4x  1x





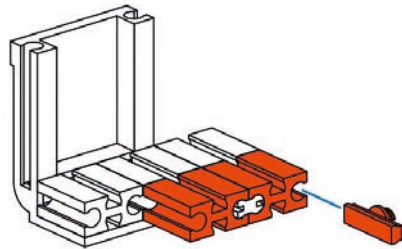
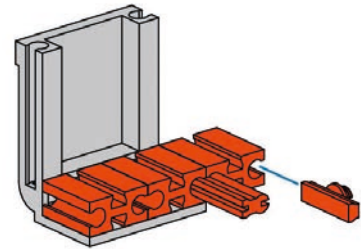
**24**

- 1 x [grey beam]
- 1 x [grey beam]
- 3 x [orange connector]
- 1 x [orange 60° wedge]
- 2 x [orange 30° wedge]



**25**

- 1 x [grey frame]
- 3 x [orange connector]
- 1 x [orange 30° wedge]
- 1 x [orange 30° wedge]

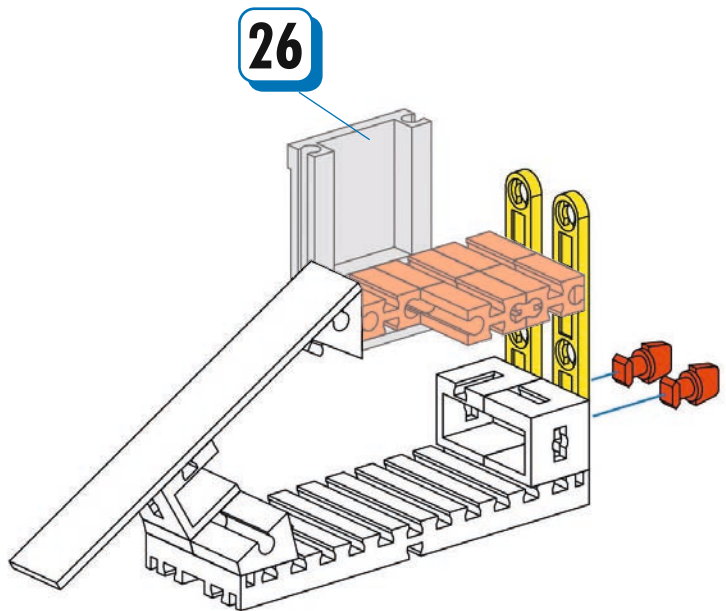


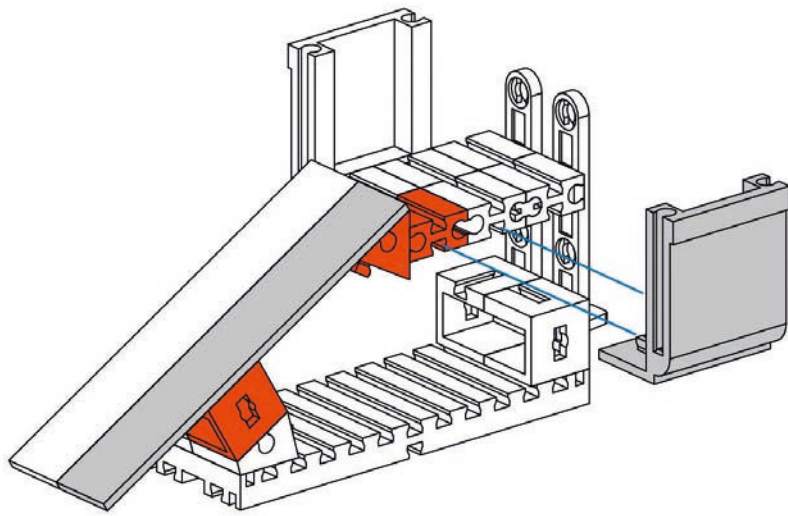
**26**

- 2 x [orange connector]
- 1 x [orange 30° wedge]

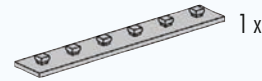
**27**

- 2 x [yellow beam]
- 2 x [orange pin]

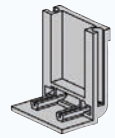




28



1 x



1 x



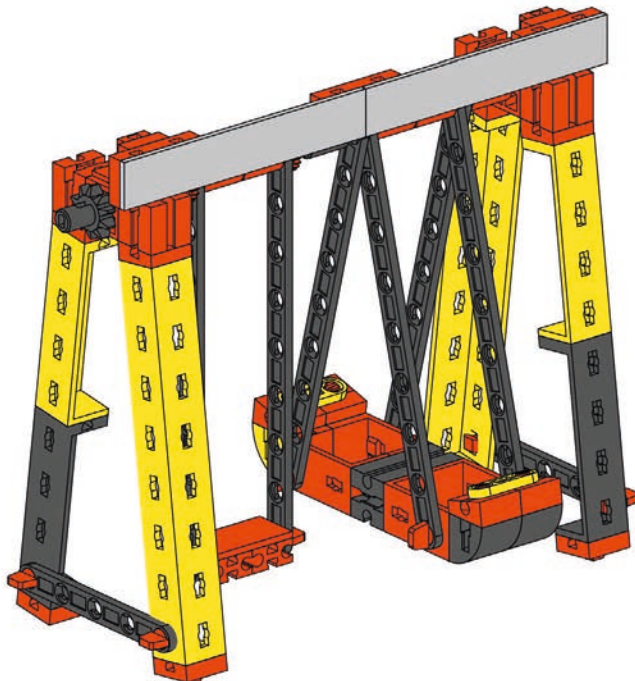
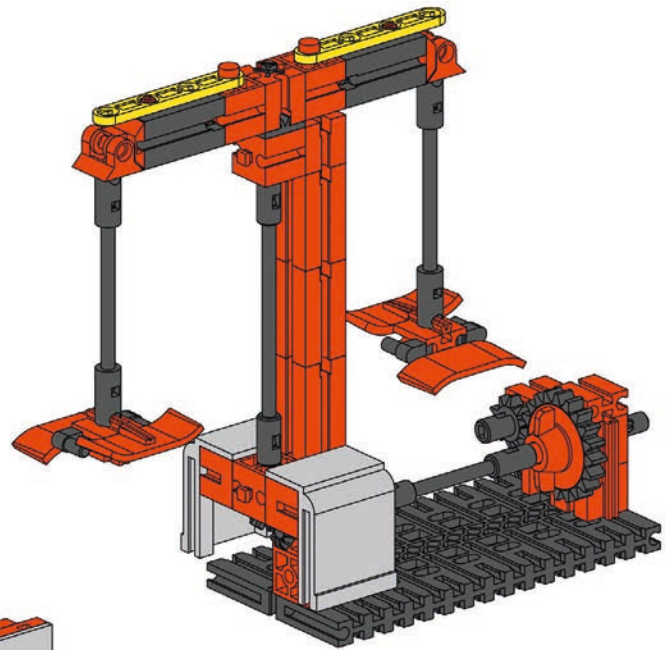
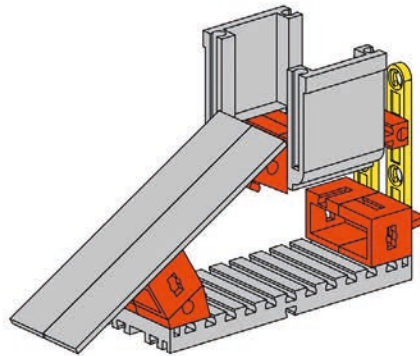
1 x



1 x



1 x



Motorisierung  
Motorization  
Motorisation

Motorisering  
Motorización  
Motorizaçao

Motorizzazione

Приводной механизм  
电动卷扬机 机动化与



Motor Set XS 505 281

Bauanleitung Plus Sets Universal 4 / Building instructions PLUS sets for Universal 4 / Instructions de montage PLUS Sets pour Universal 4 / Bouwinstructie PLUS-sets voor Universal 4 / Instrucciones de montaje PLUS Sets para Universal 4 / Instruções de montagem PLUS Kits para Universal 4 / Istruzioni per la costruzione dei kit PLUS per Universal 4 / Руководство по сборке комплектов PLUS для Universal 4 / Universal 4 升级套件组装说明书

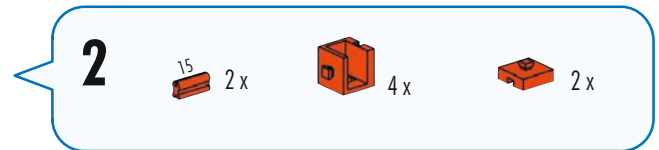
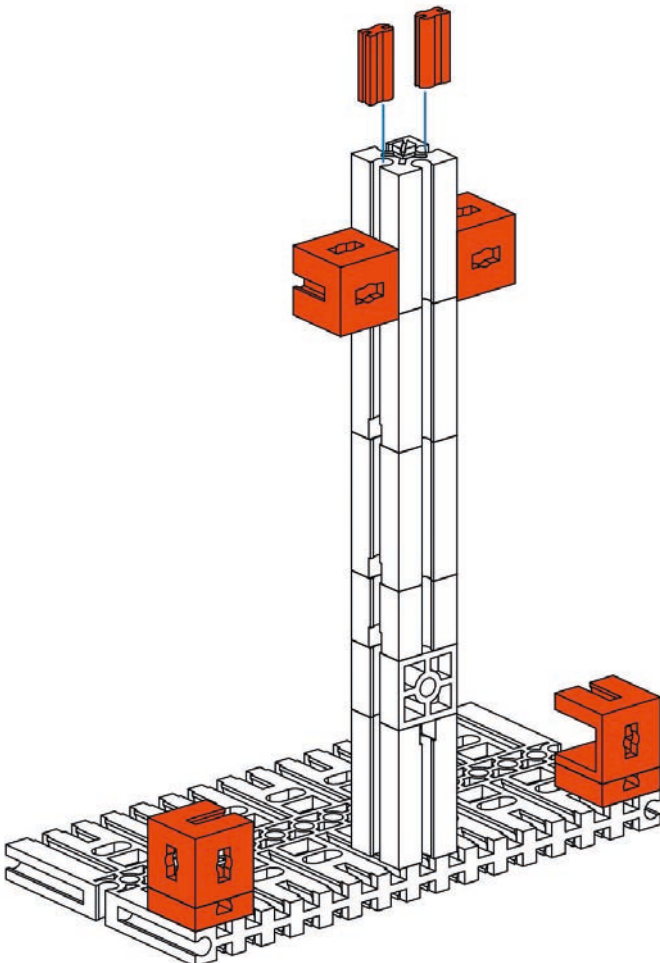
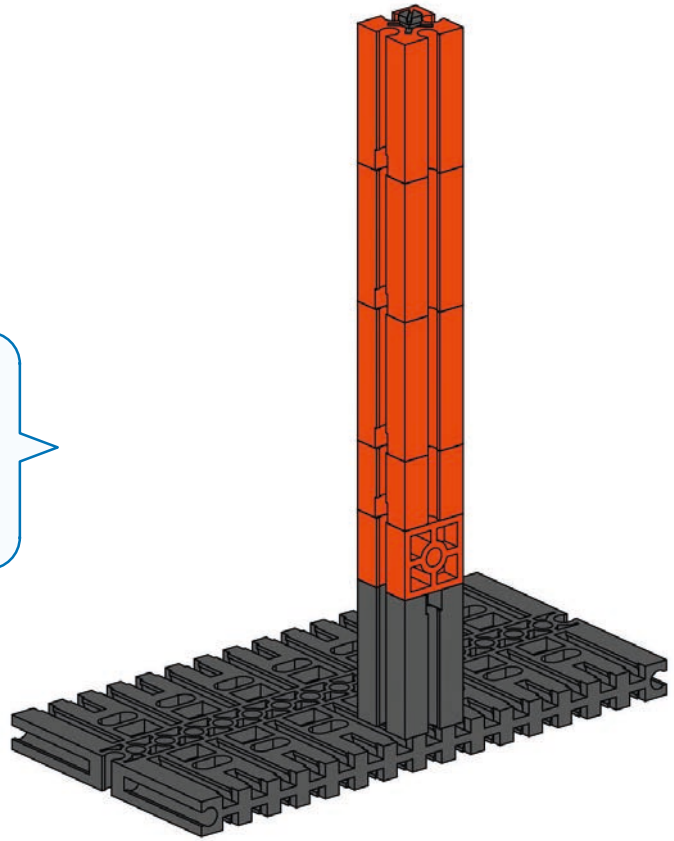
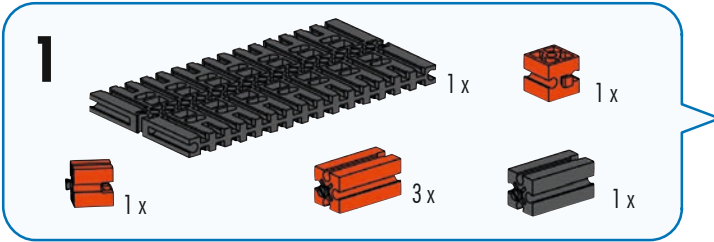
[www.fischertechnik.de/PLUS-Universal4](http://www.fischertechnik.de/PLUS-Universal4)



Ventilator  
Ventilating fan  
Ventilateur

Ventilator  
Ventilador  
Ventilador

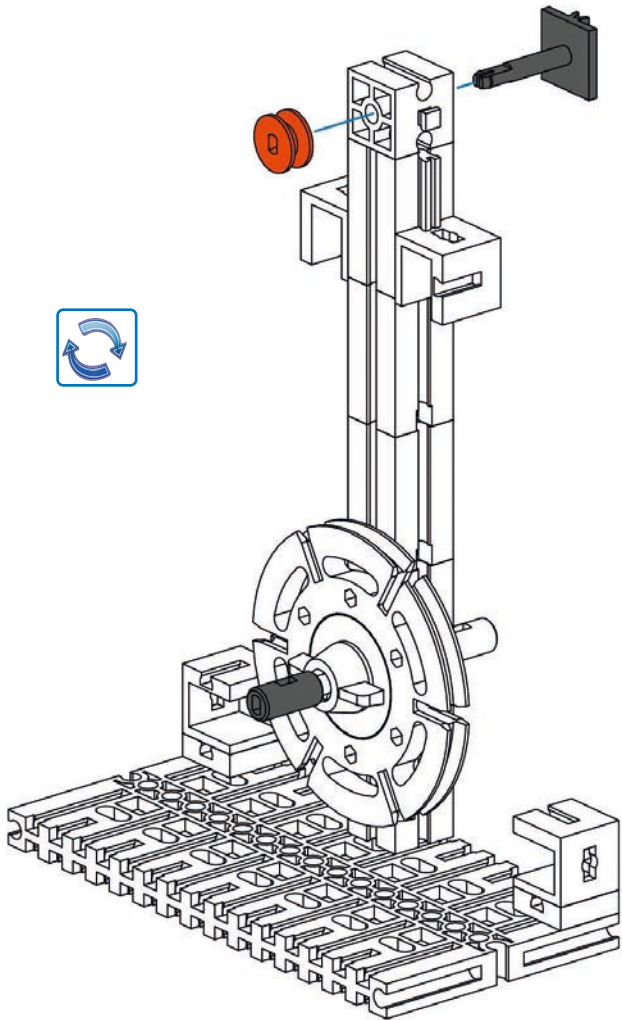
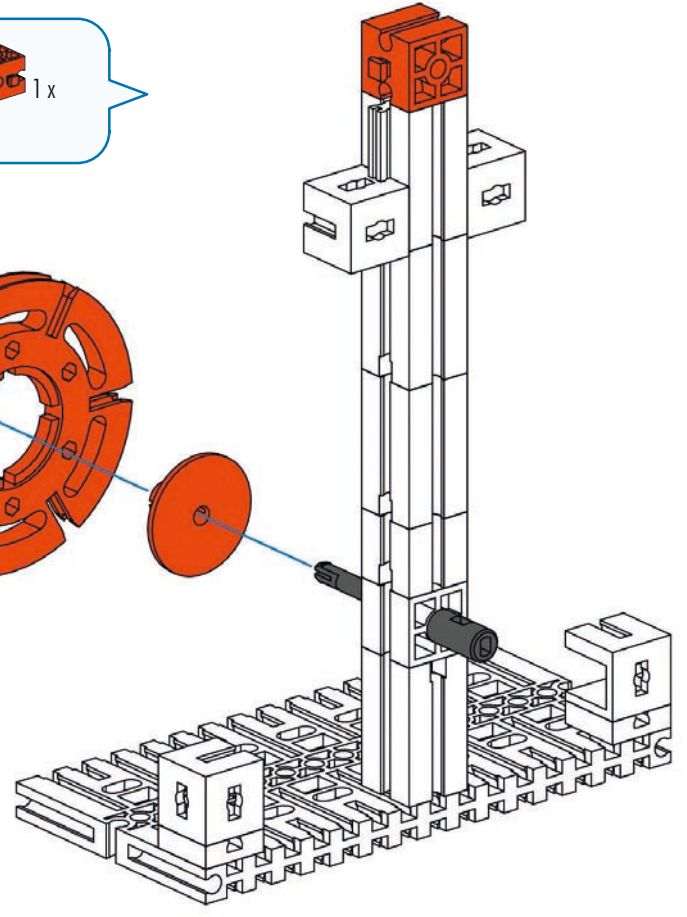
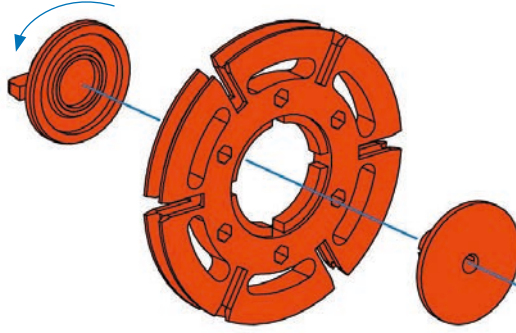
Ventola  
Вентилятор  
风扇



3

- 45 1x
- 1x
- 1x
- 1x
- 1x
- 1x

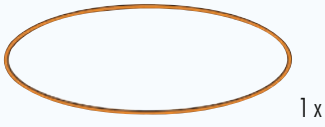
45 mm



4

- 1x
- 1x
- 1x

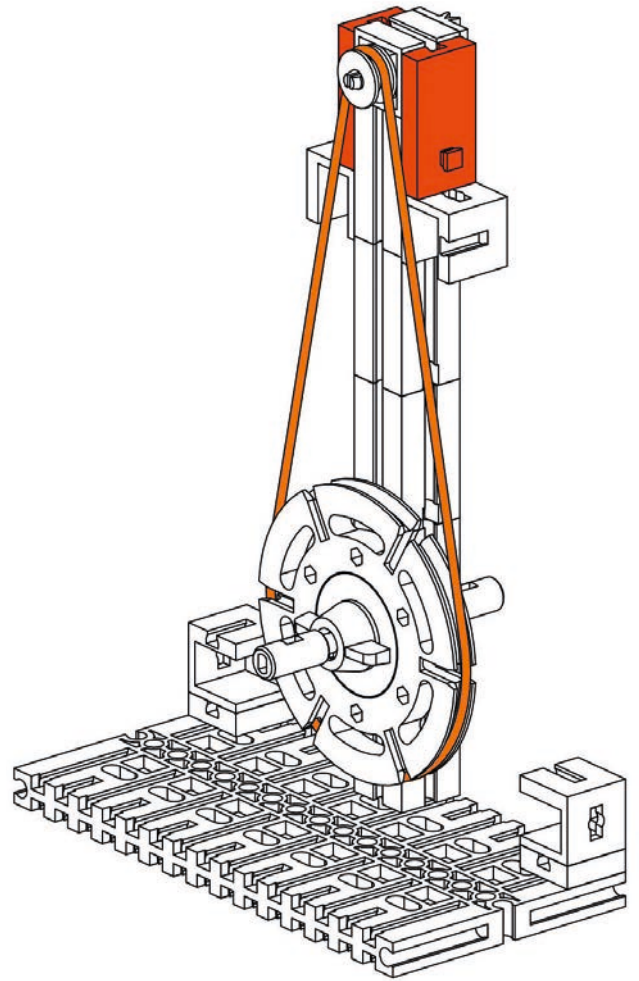
5



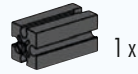
1x



2x



6



1x



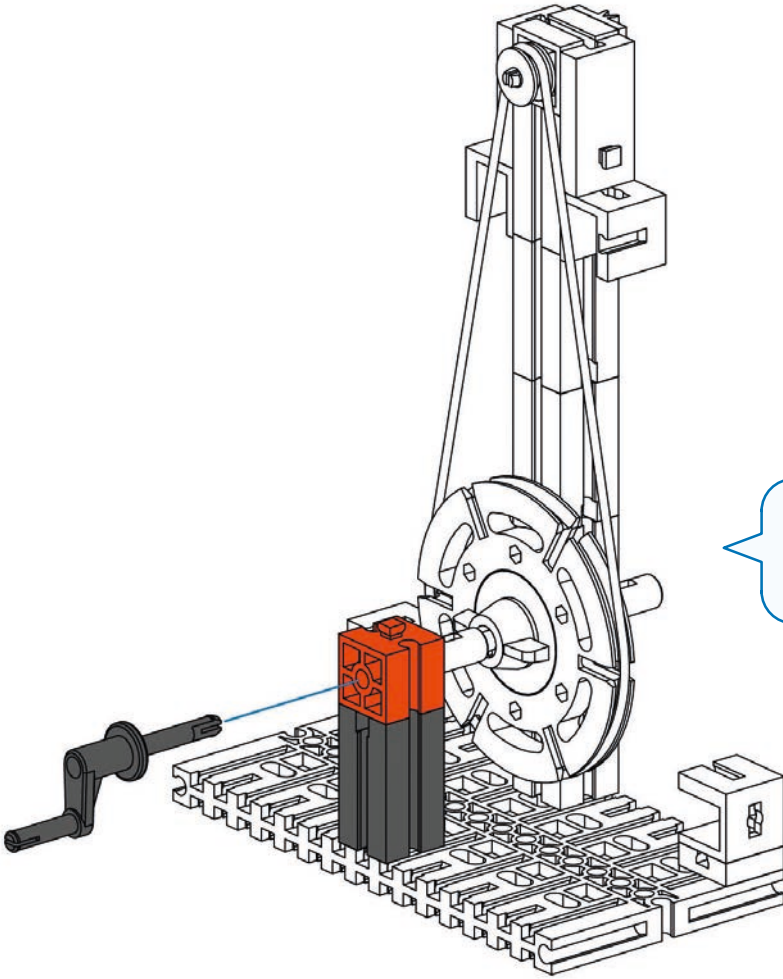
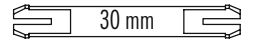
1x



1x



1x



7



2x



1x



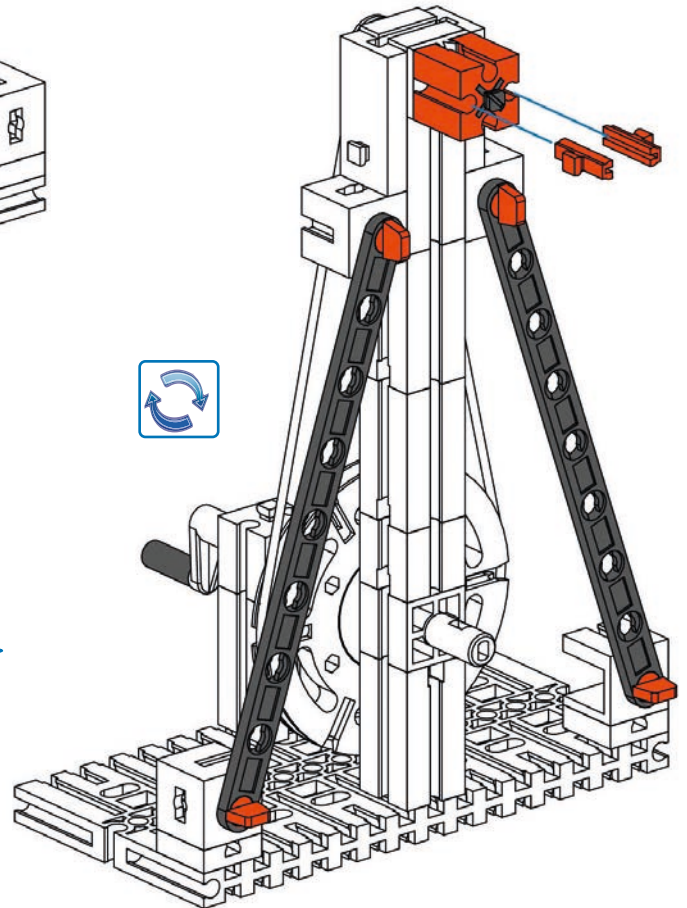
1x

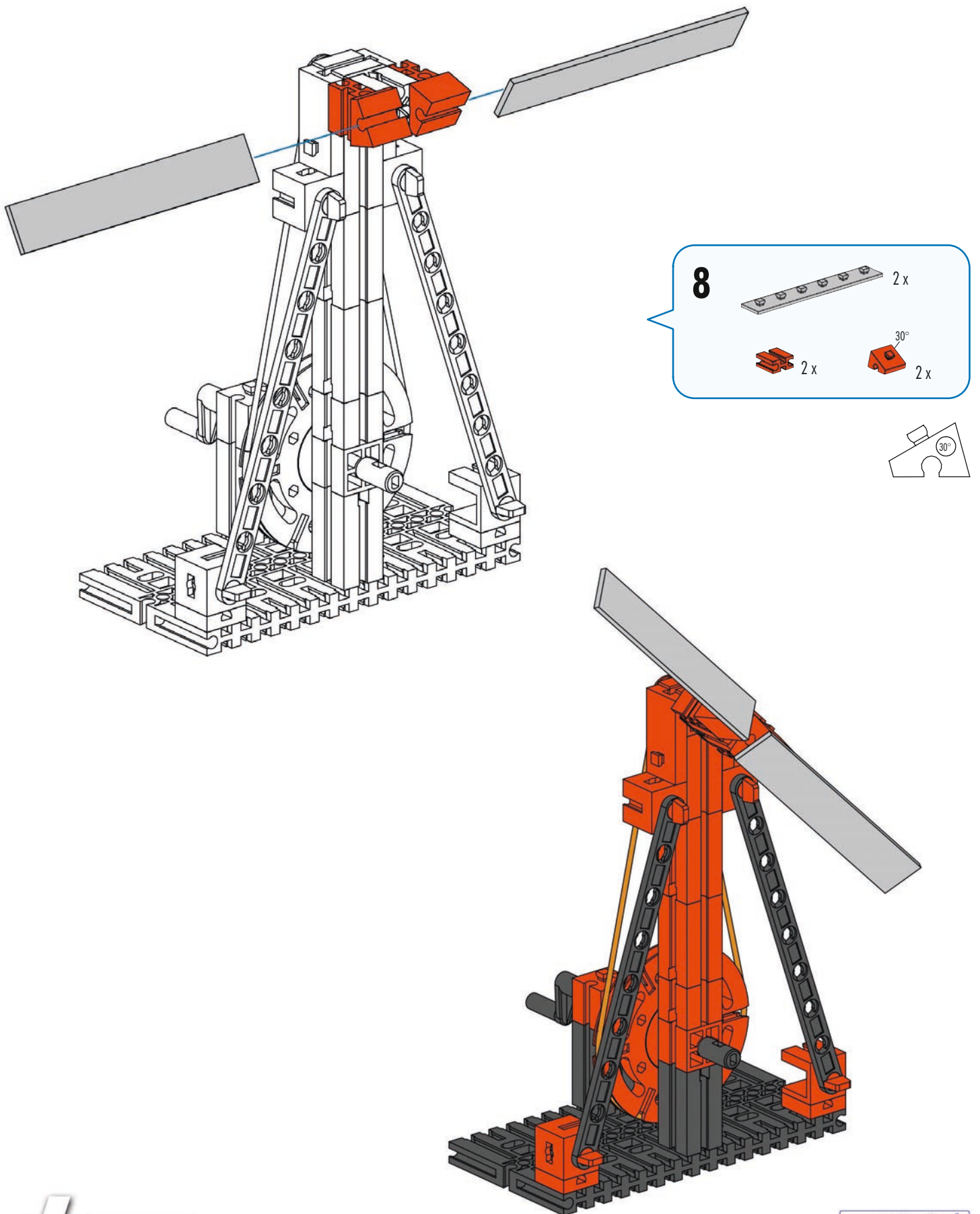


4x



2x





Motorisierung  
 Motorization  
 Motorisation

Motorisering  
 Motorización  
 Motorizaçã

Motorizzazione

Приводной механизм  
 电动卷扬机 机械化与



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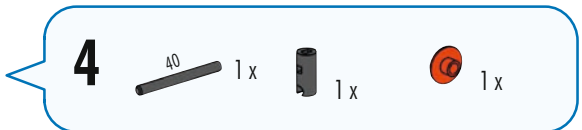
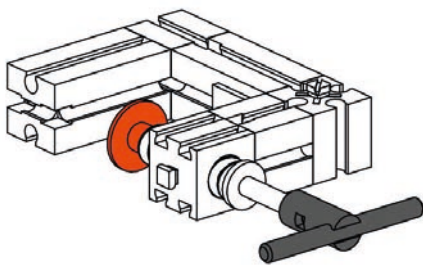
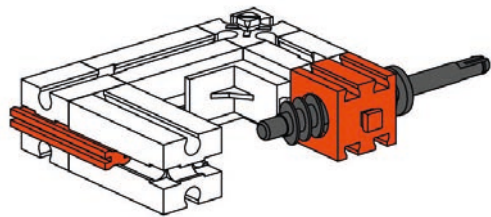
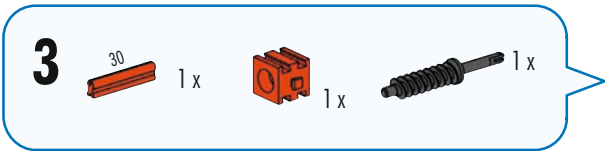
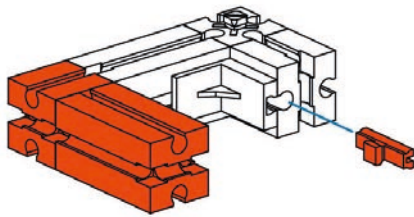
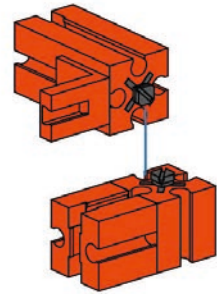
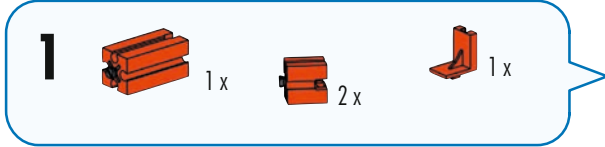
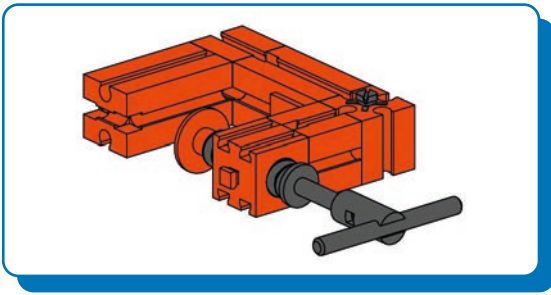
[www.fischertechnik.de/PLUS-Universal4](http://www.fischertechnik.de/PLUS-Universal4)



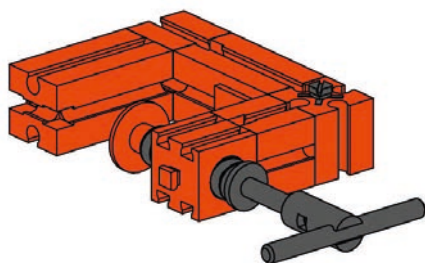
Schraubzwinde  
C-clamp  
Serre-joint à serrage  
par vis

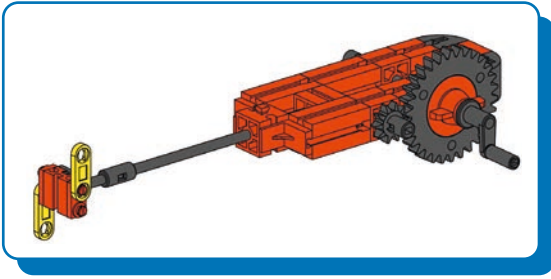
Bankschroef  
Prensa de tornillo  
Sargento

Morsa  
Струбцина  
台钳



40 mm

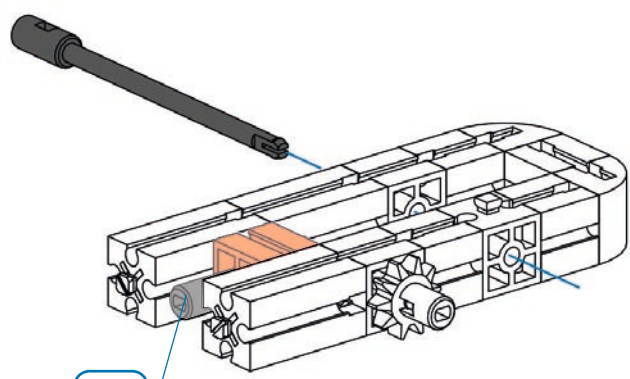
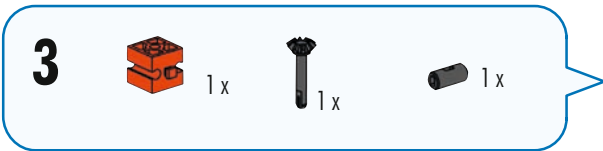
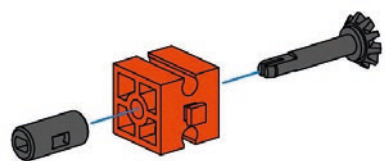
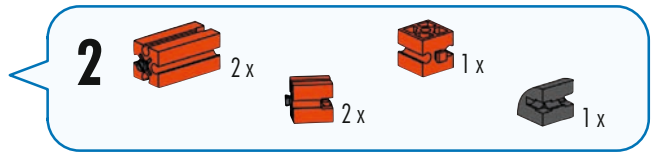
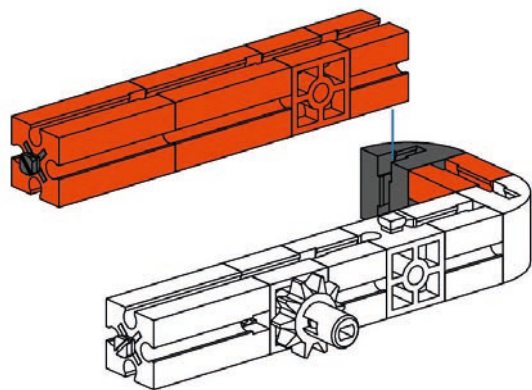
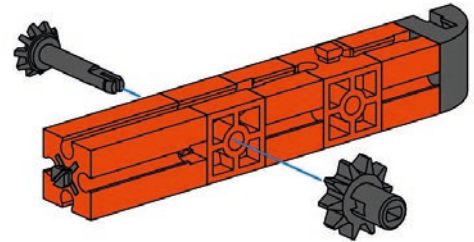
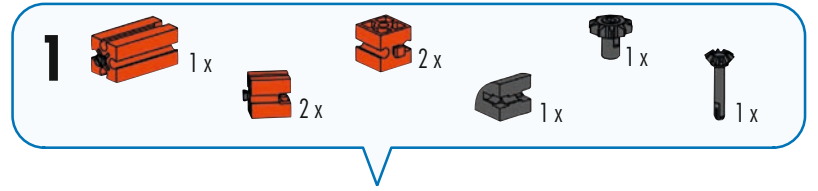




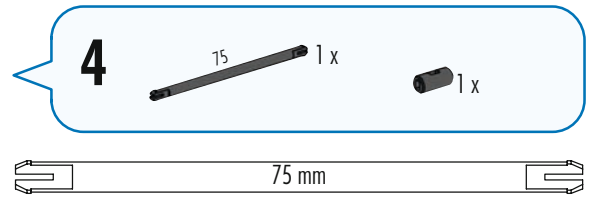
Milchschaumer  
Milk foamer  
Mousseur à lait

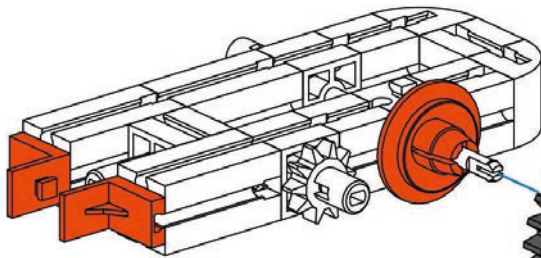
Melkopschuimer  
Espumadera de leche  
Espumador de leite





Cappuccinatore  
Миксер  
牛奶打泡器








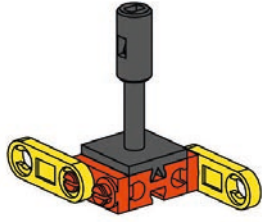
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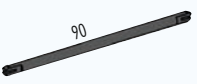




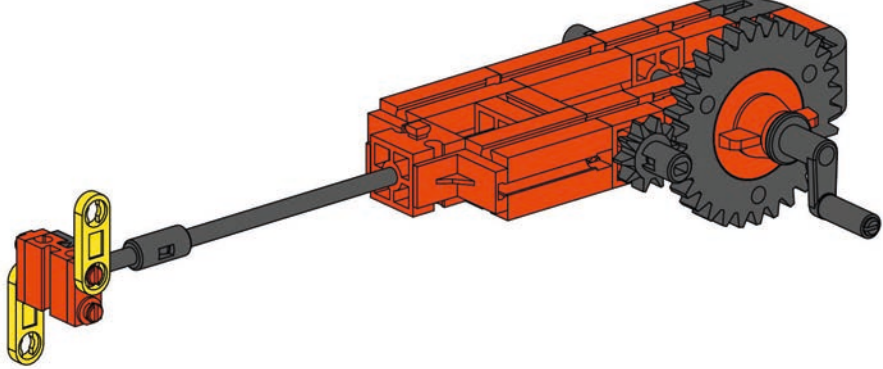
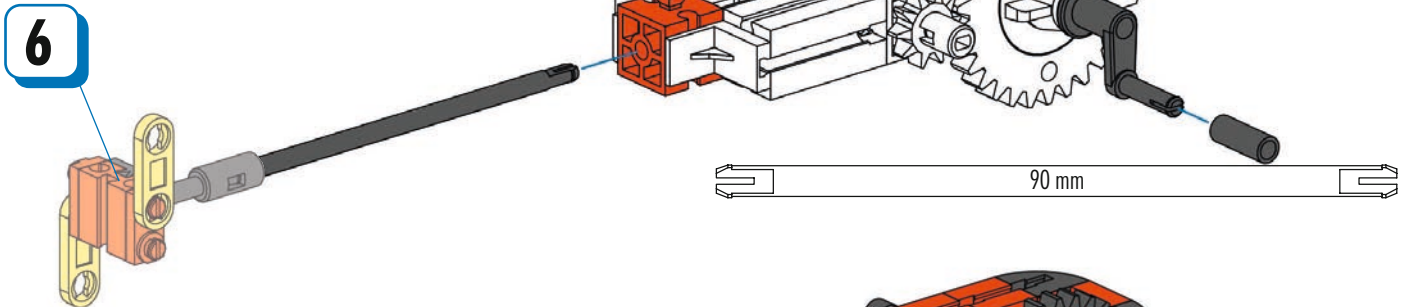


**5**  1x  1x  1x  2x

**6**  1x  1x  2x  1x  2x



**7**  1x  90 1x  1x  1x



Motorisierung  
Motorization  
Motorisation

Motorisering  
Motorización  
Motorizaçõ

Motorizzazione  
Приводной механизм  
电动卷扬机 机动化与



Motor Set XM 505 282

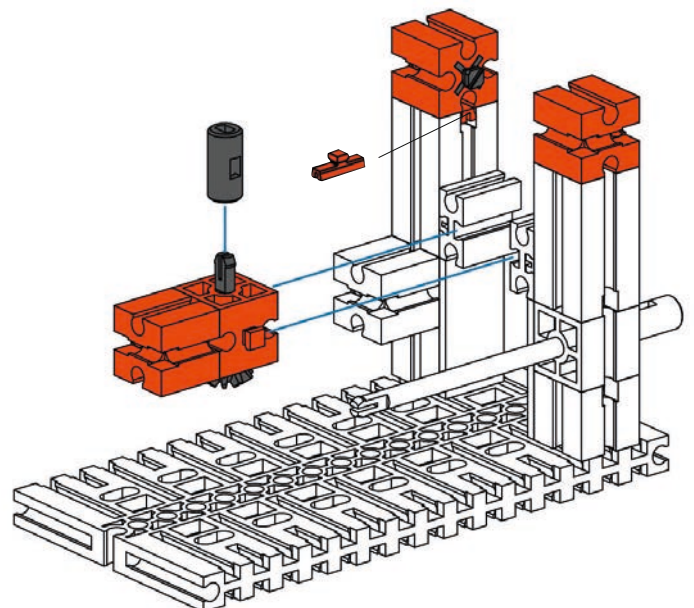
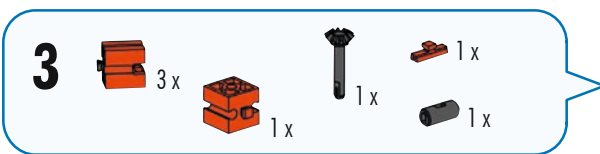
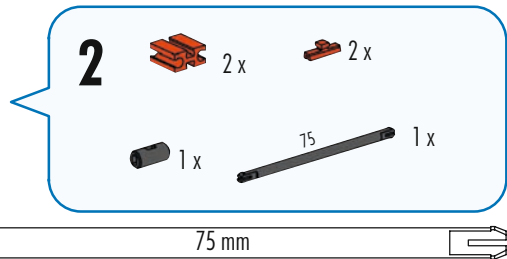
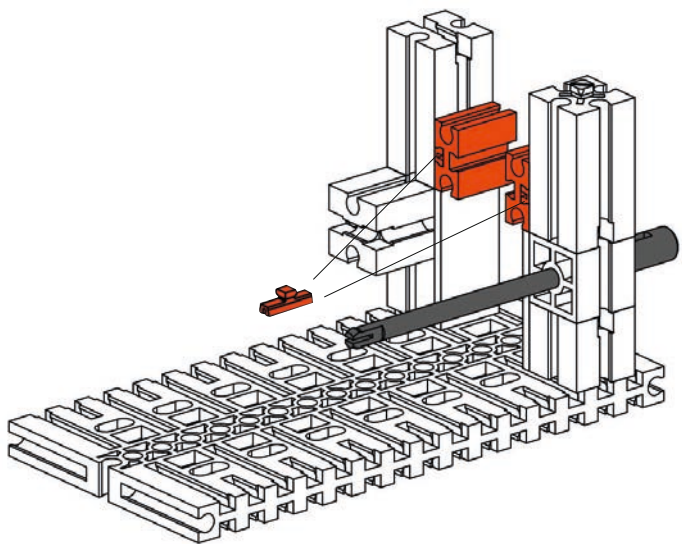
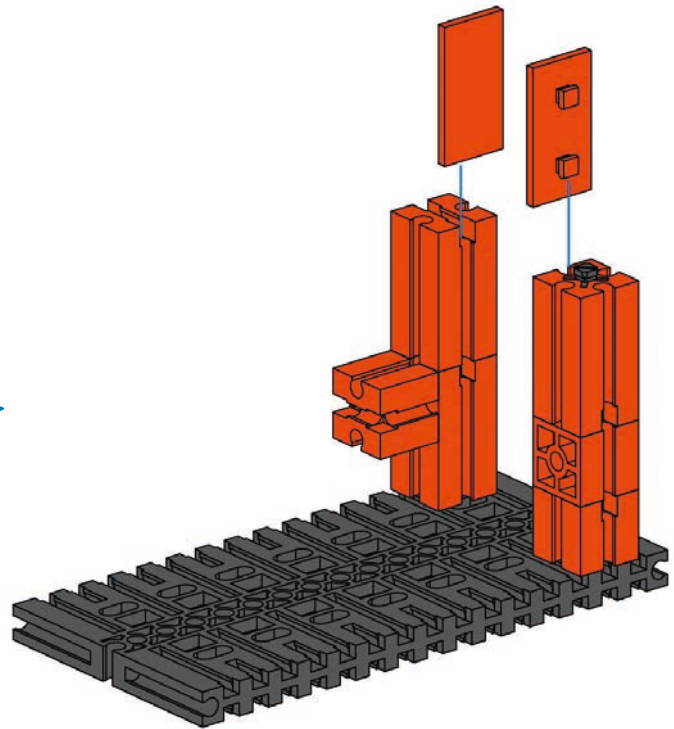
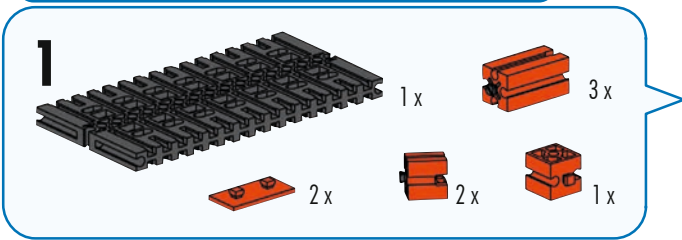
Bauanleitung Plus Sets Universal 4 / Building instructions PLUS sets for Universal 4 / Instructions de montage PLUS Sets pour Universal 4 / Bouwinstructie PLUS-sets voor Universal 4 / Instrucciones de montaje PLUS Sets para Universal 4 / Instruções de montagem PLUS Kits para Universal 4 / Istruzioni per la costruzione dei kit PLUS per Universal 4 / Руководство по сборке комплектов PLUS для Universal 4 / Universal 4 升级套件组装说明书

[www.fischertechnik.de/PLUS-Universal4](http://www.fischertechnik.de/PLUS-Universal4)

Fliehkraftregler  
Centrifugal governor  
Régulateur centrifuge

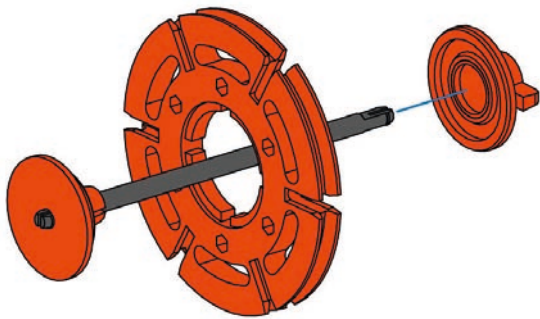
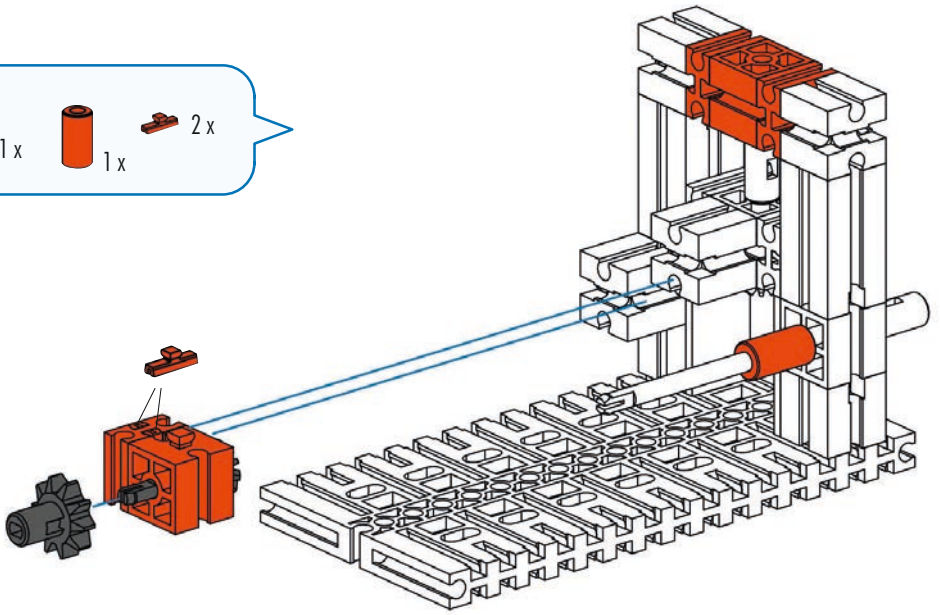
Centrifugaalkrachtregelaar  
Regulador de fuerza centrifuga  
Regulador de força centrifuga

Regolatore della forza centrifuga  
Центробежный регулятор  
离心式调速器



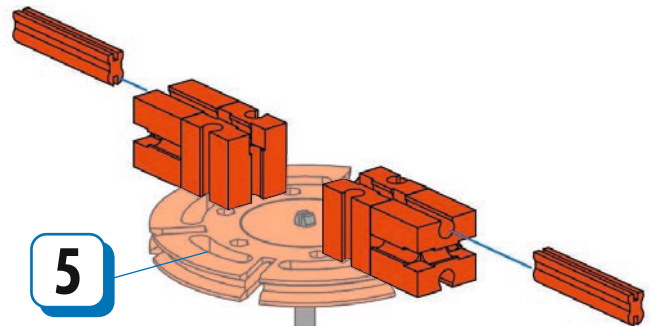
**4**

- 2x (Orange 2-hole Technic brick)
- 3x (Orange 1-hole Technic Technic beam)
- 1x (Grey Technic axle)
- 1x (Grey Technic axle pin)
- 1x (Orange Technic axle bush)
- 2x (Orange Technic axle pin)



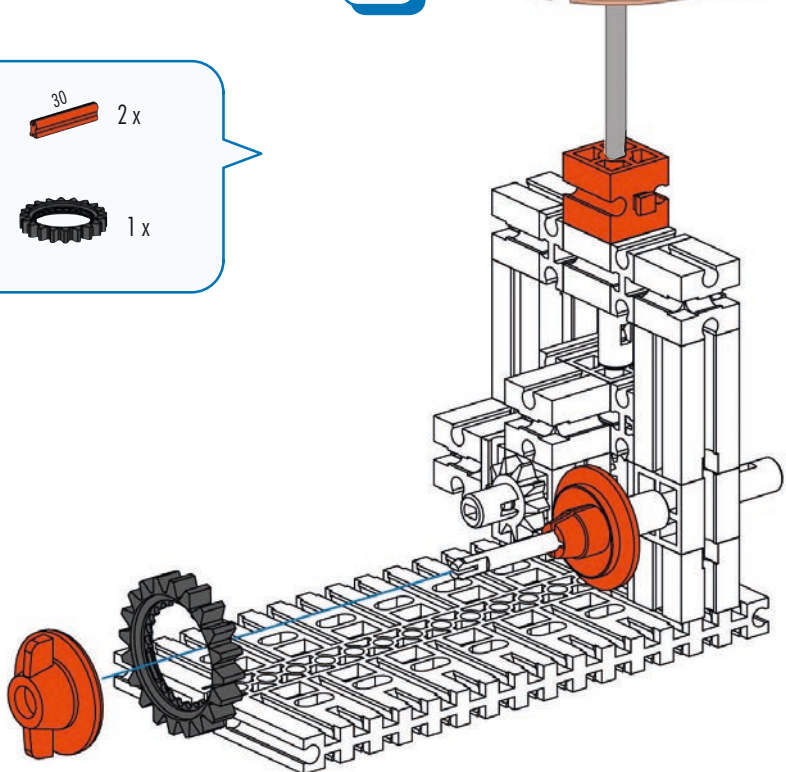
**5**

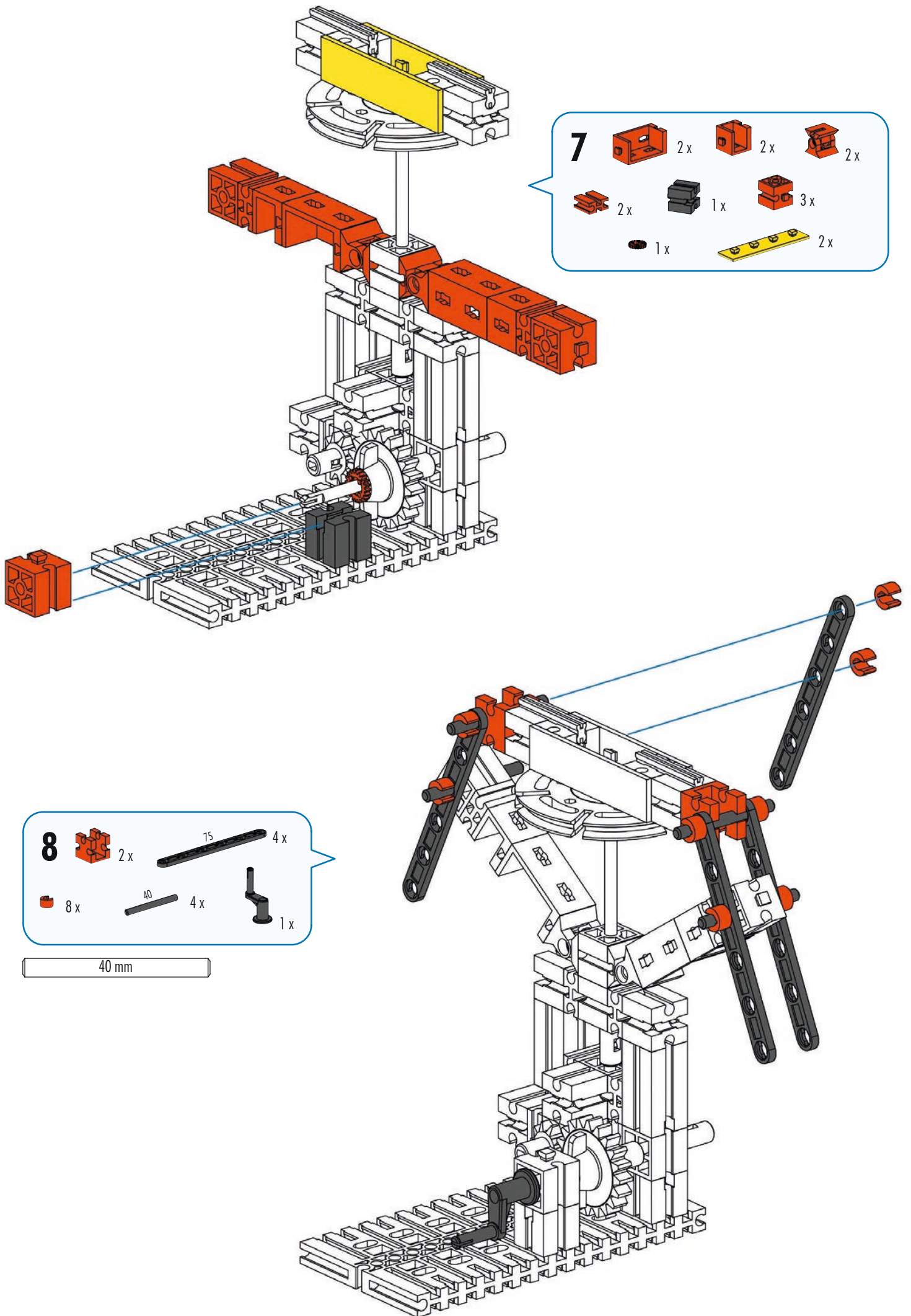
- 1x (Large orange gear)
- 1x (Small orange gear)
- 1x (Grey Technic axle, length 90)
- 1x (Orange Technic axle bush)
- 1x (Orange Technic axle pin)



**6**

- 4x (Orange Technic axle pin)
- 1x (Orange Technic axle bush)
- 2x (Orange Technic axle pin, length 30)
- 1x (Small orange gear)
- 1x (Orange Technic axle bush)
- 1x (Grey Technic gear)





- 7**
- Orange Technic 1x3 Brick with Hole: 2x
  - Orange Technic 1x2 Brick with Hole: 2x
  - Orange Technic 1x1 Brick with Hole: 2x
  - Orange Technic 1x2 Brick with Hole and Pin: 2x
  - Black Technic 1x2 Pin: 1x
  - Orange Technic 1x3 Brick with Hole and Pin: 3x
  - Black Technic Pin: 1x
  - Yellow Technic 1x5 Beam: 2x

- 8**
- Orange Technic 1x3 Brick with Hole: 2x
  - Black Technic Pin (15): 4x
  - Orange Technic Pin: 8x
  - Black Technic Pin (40): 4x
  - Black Technic Pin (L-shaped): 1x

40 mm

9

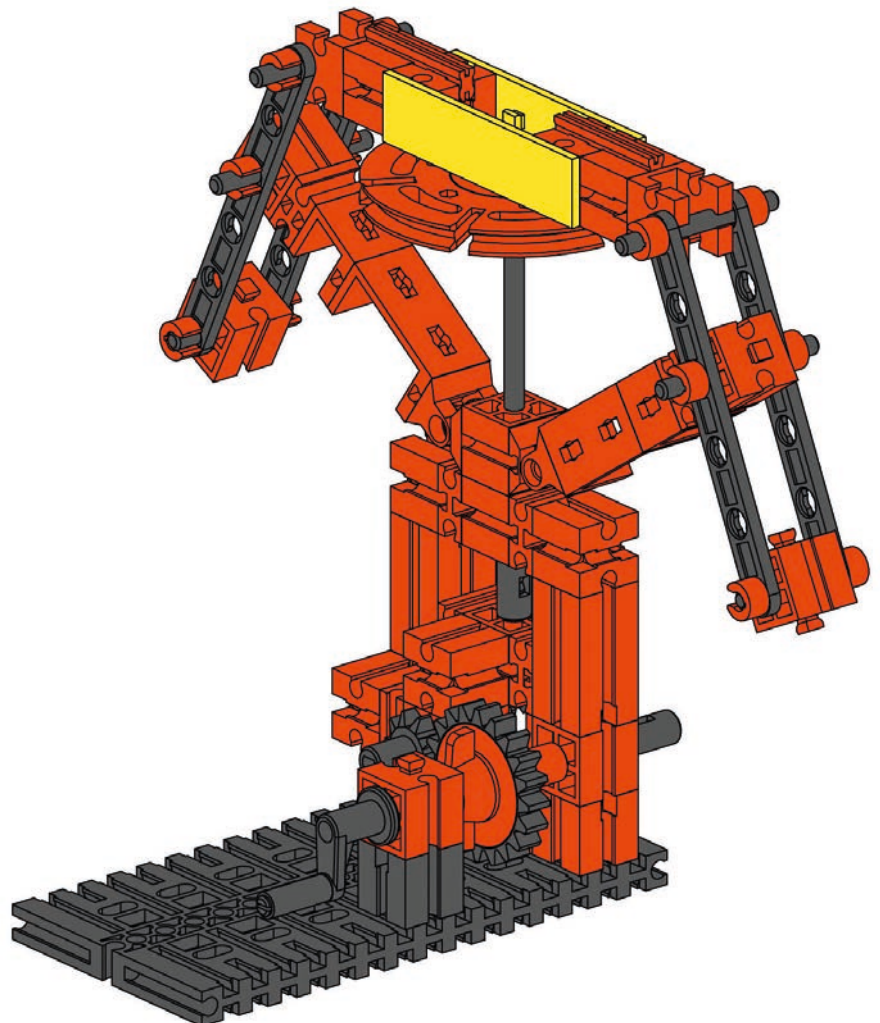
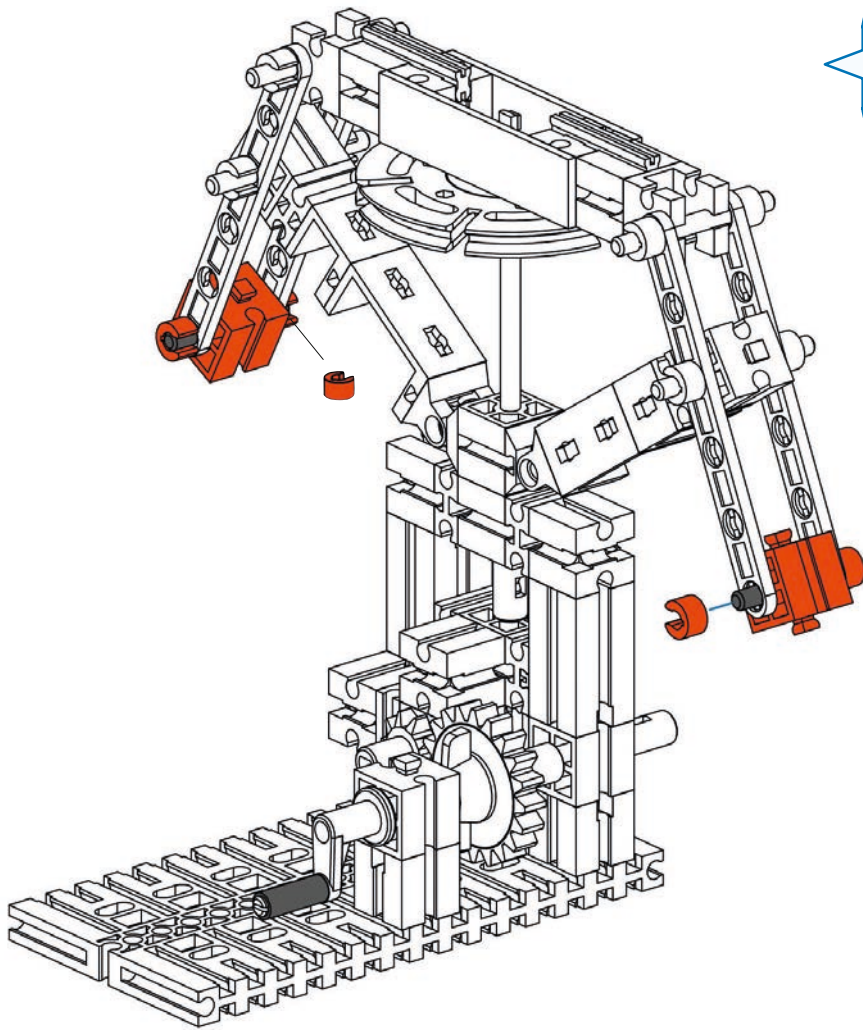
2 x

4 x

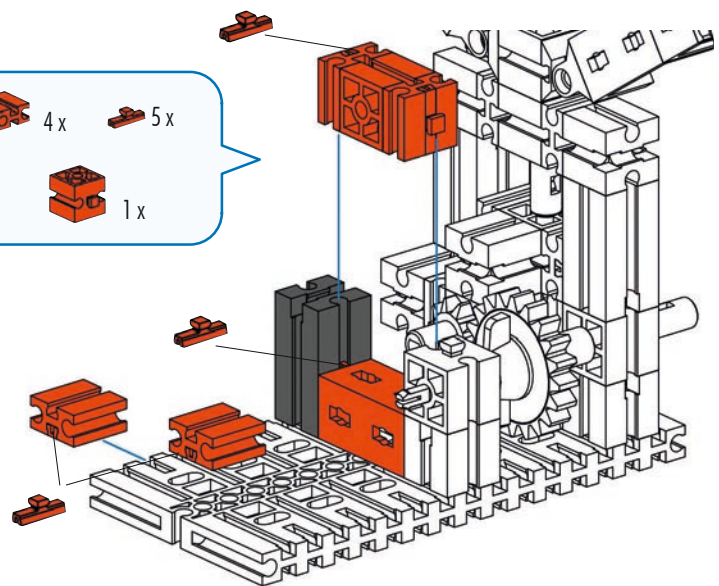
1 x

30 2 x

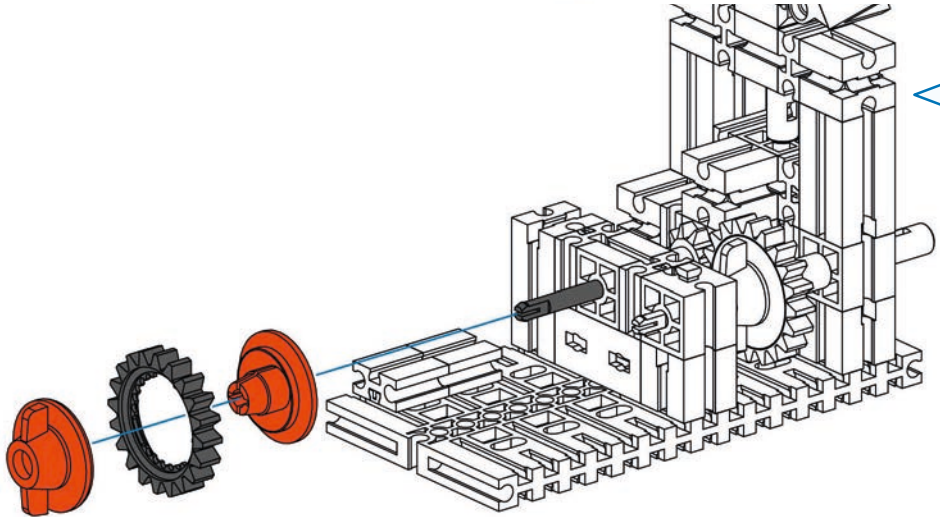
30 mm



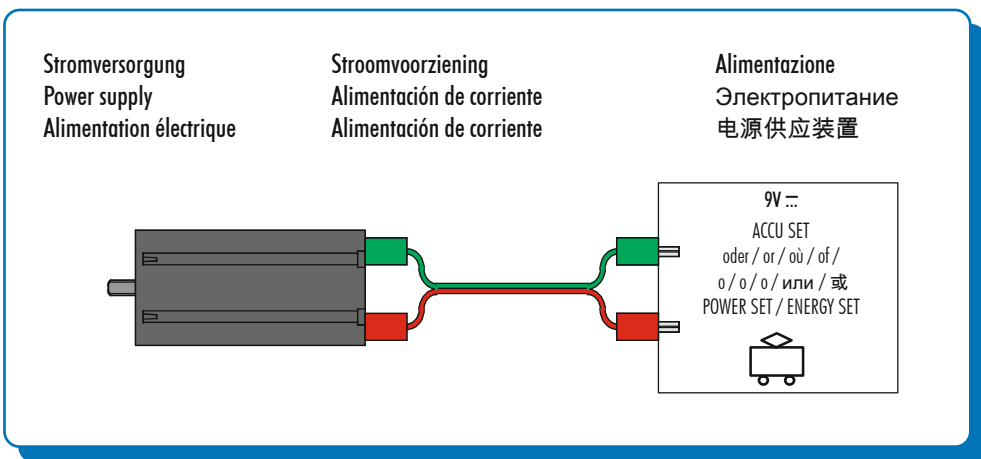
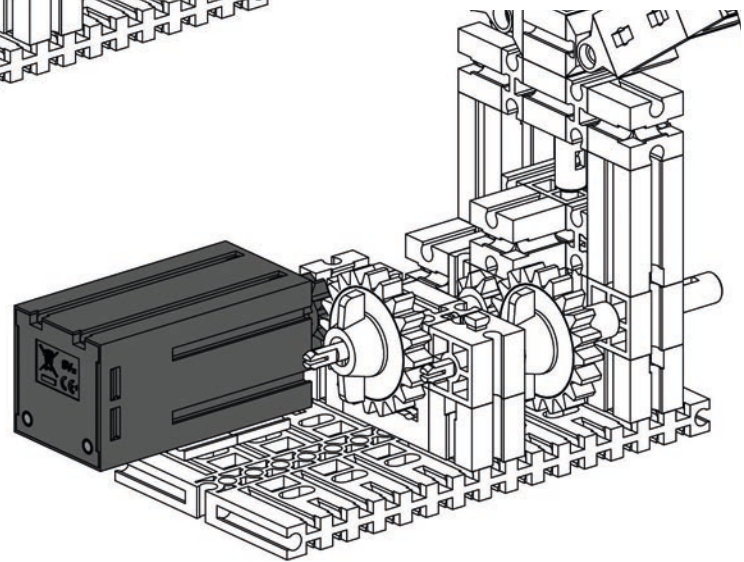
- 1**
- 1x [Grey Technic Beam]
  - 4x [Orange Technic Pin]
  - 5x [Orange Technic Pin]
  - 1x [Orange Technic Bracket]
  - 1x [Orange Technic Connector]



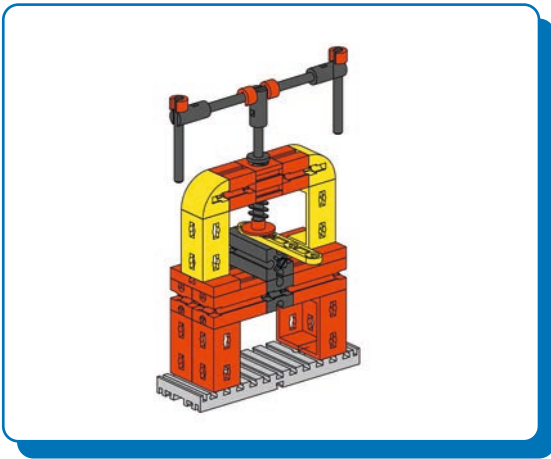
- 2**
- 1x [Orange Technic Pin]
  - 1x [Orange Technic Pin]
  - 1x [45mm Axle]
  - 1x [Black Gear]
- 45 mm



- 3**
- 1x [Grey Motor]
  - 1x [Black Screw]





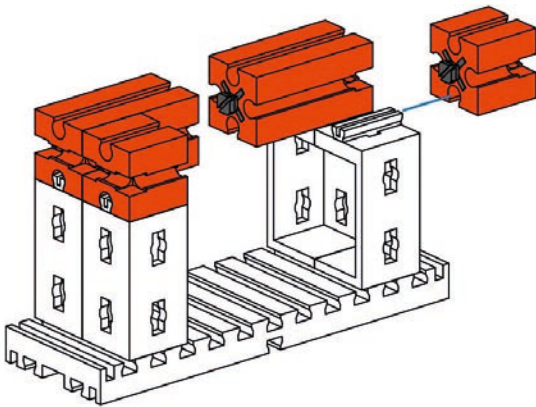
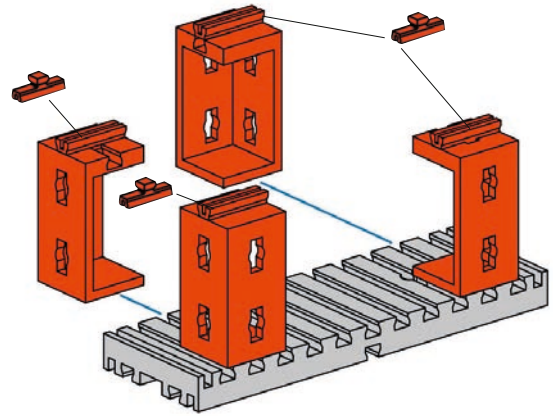


Spindelpresse  
Spindle press  
Presse à vis

Spindelpers  
Prensa de husillo  
Prensa de fuso

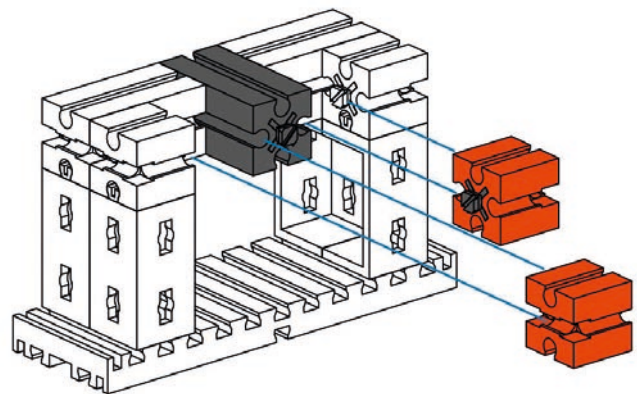
Pressa a bilanciere  
Винтовой пресс  
螺旋压力机

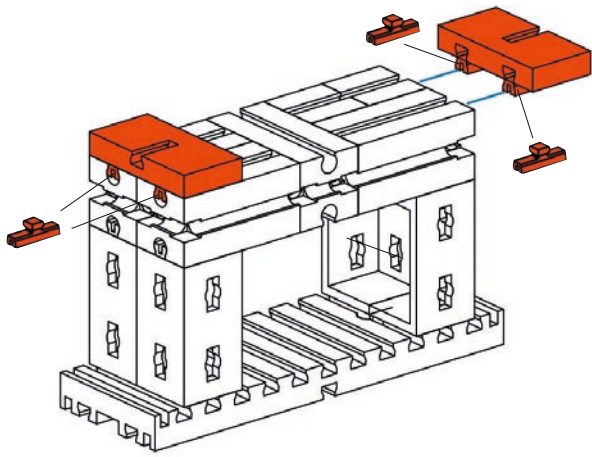
**1**





**2**




**3**

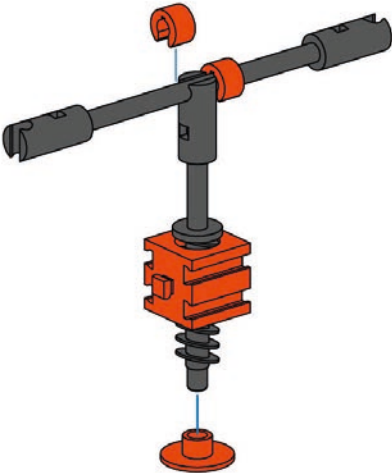
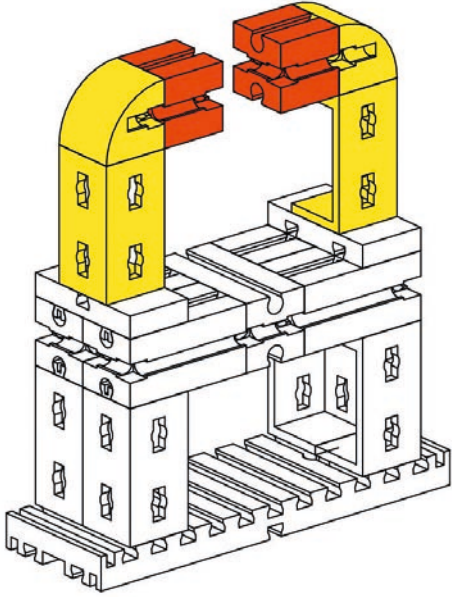










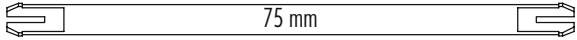
**4**  2 x  4 x



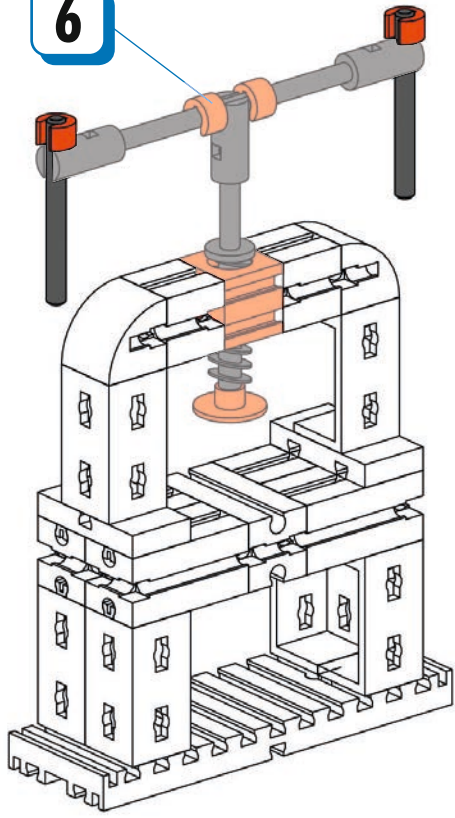
**5**  2 x  2 x  2 x





**6**  1 x  1 x  1 x  
 75 1 x  3 x  2 x

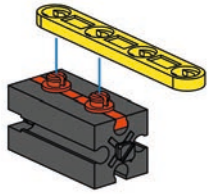





6

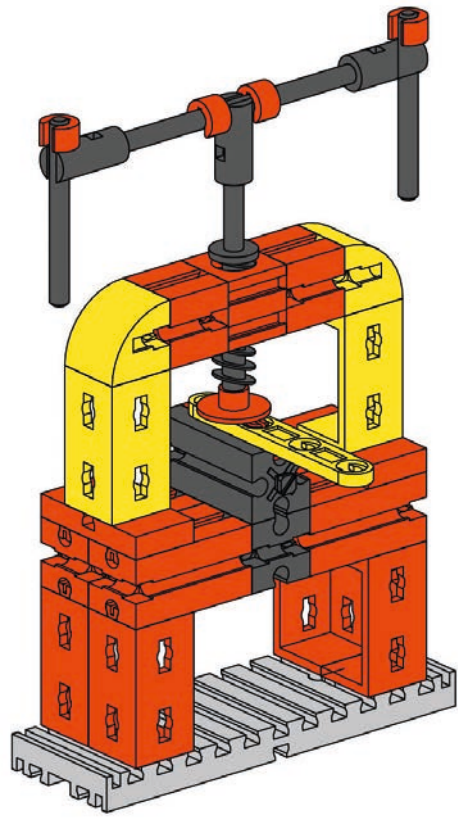


7  2x  2x

40 mm



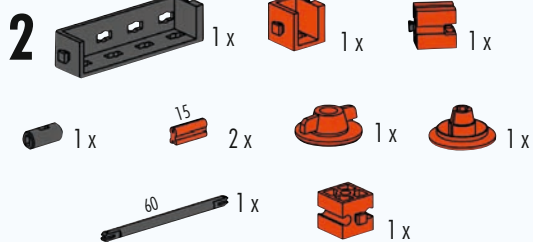
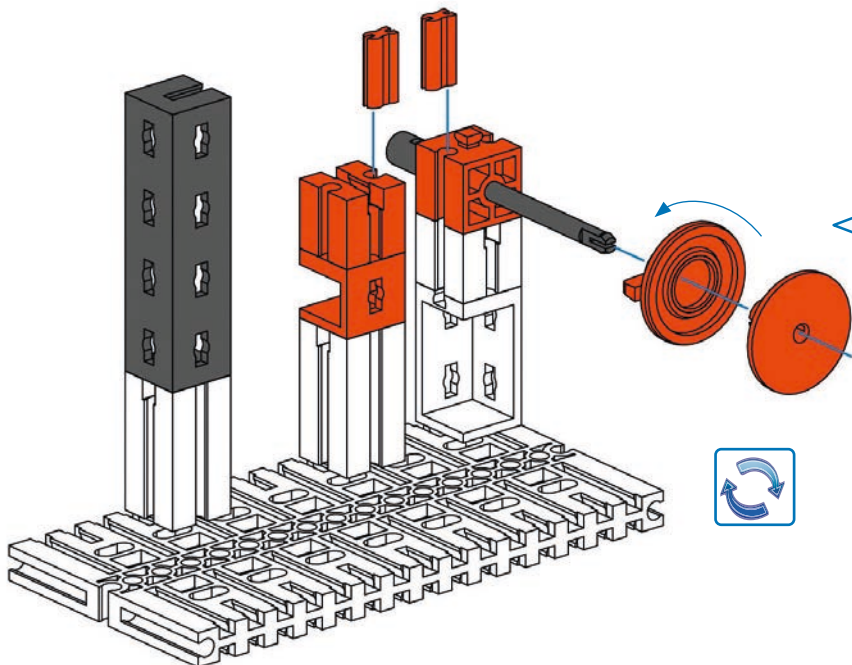
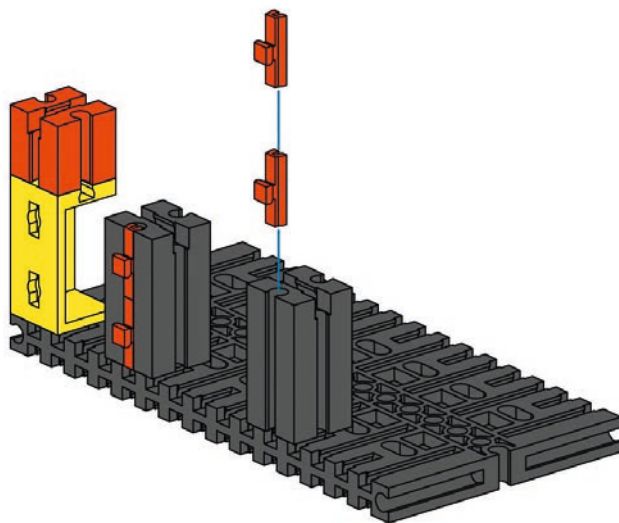
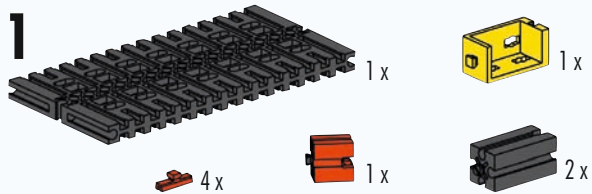
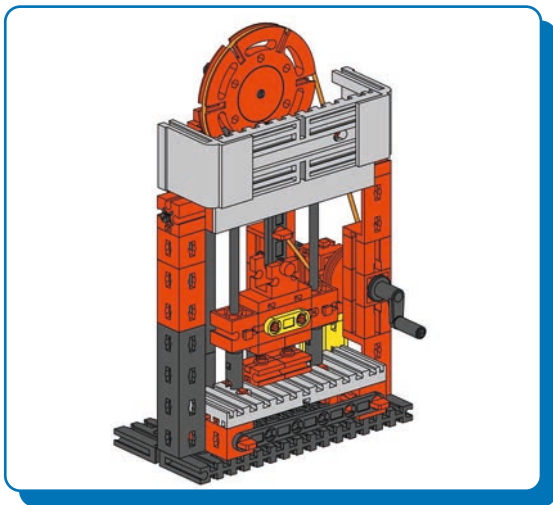
8  1x  2x  1x



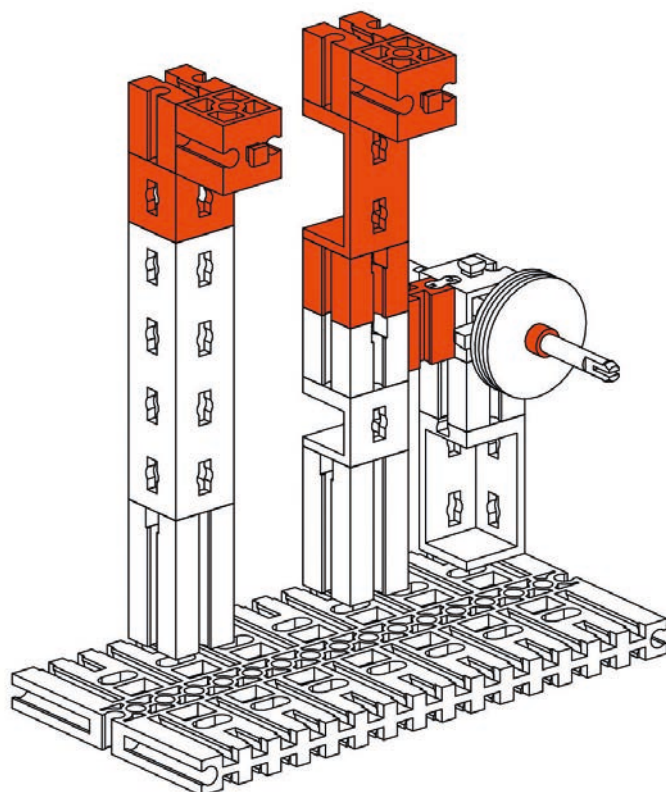
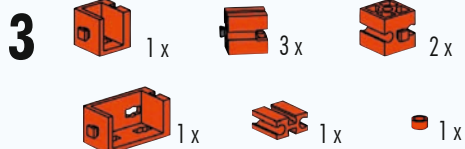
Stanze  
Punch  
Estampe

Stansmachine  
Punzonadora  
Punção

Pressa per coniare  
Высечной пресс  
冲床



60 mm



4



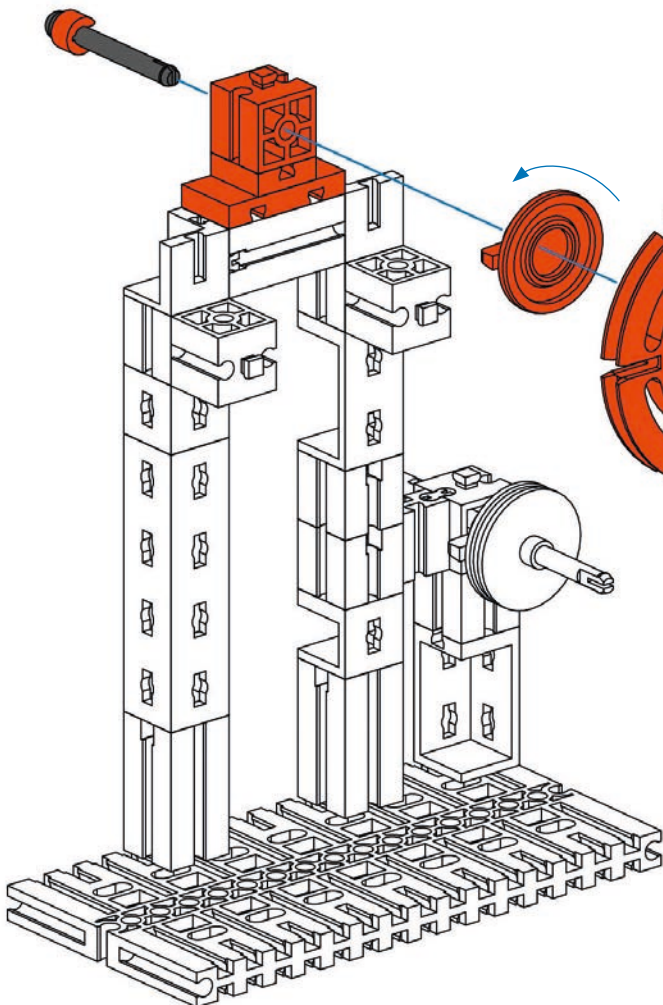
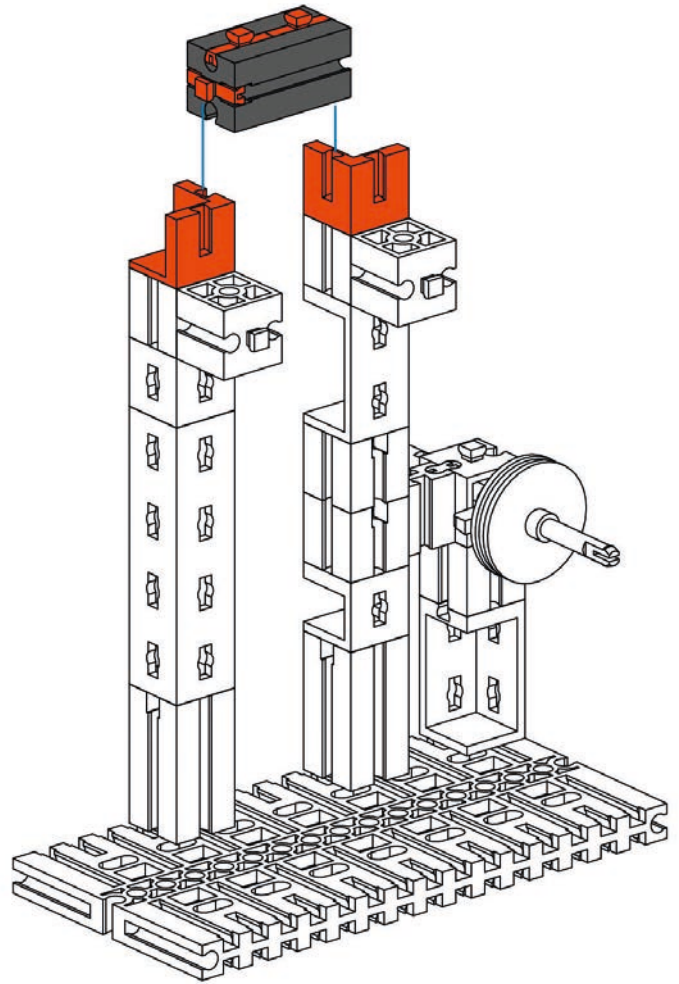
1x



2x



3x



5



1x



1x



1x



1x



1x



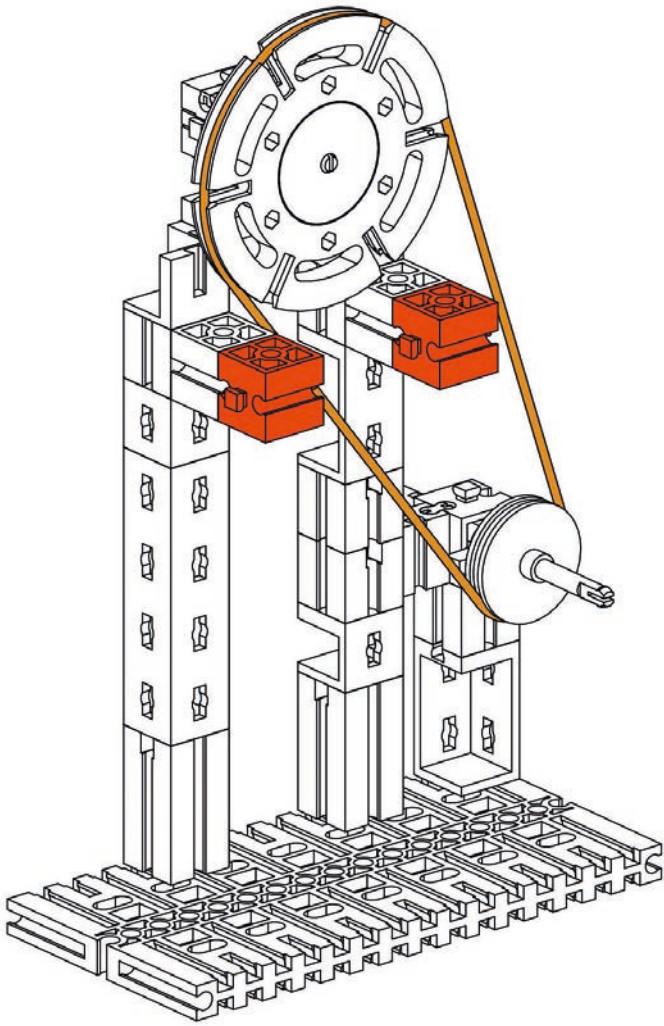
1x





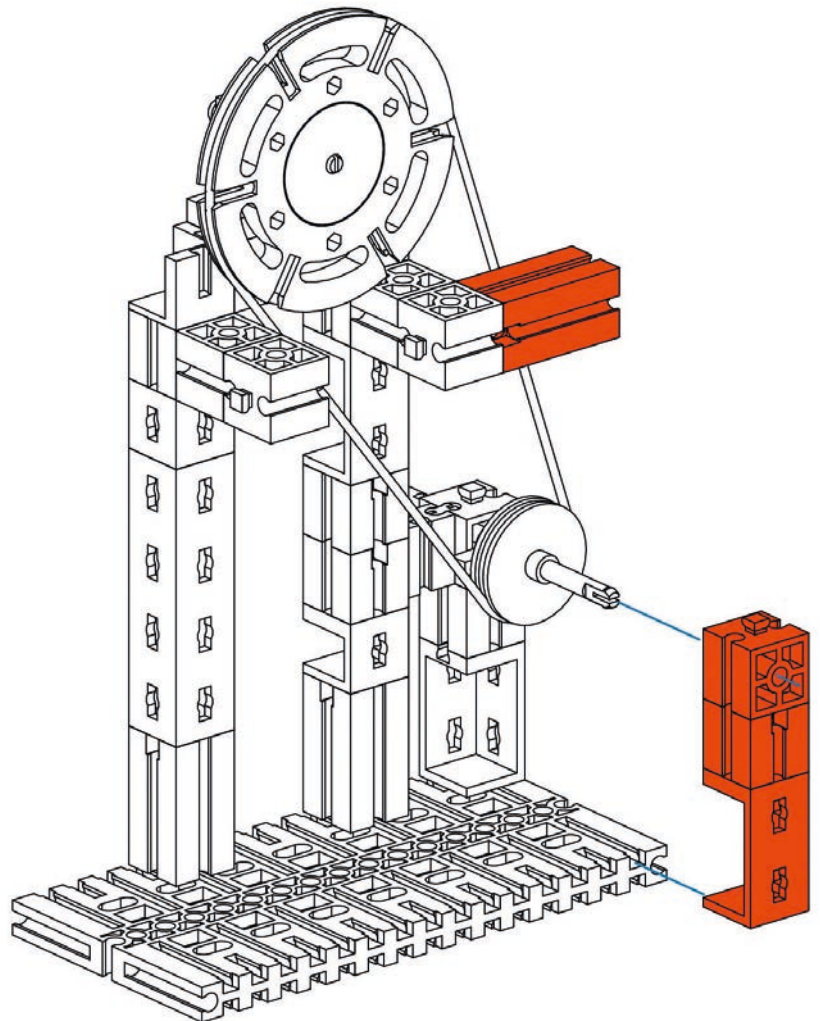
1x







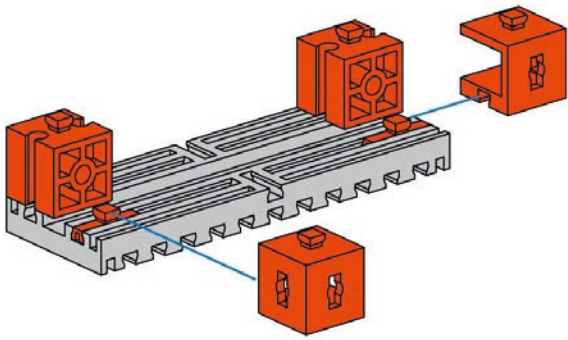
1x



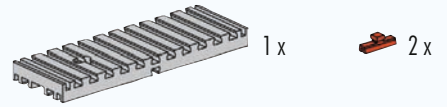
**6**  1x  2x



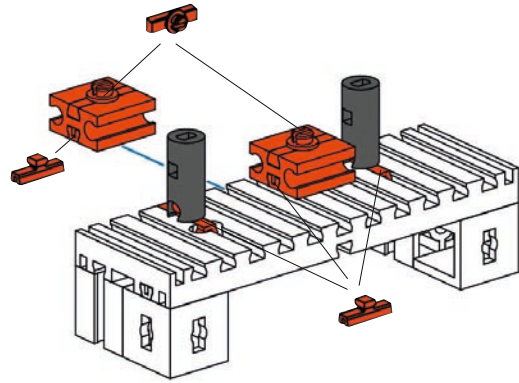
**7**  1x  1x  
 1x  1x



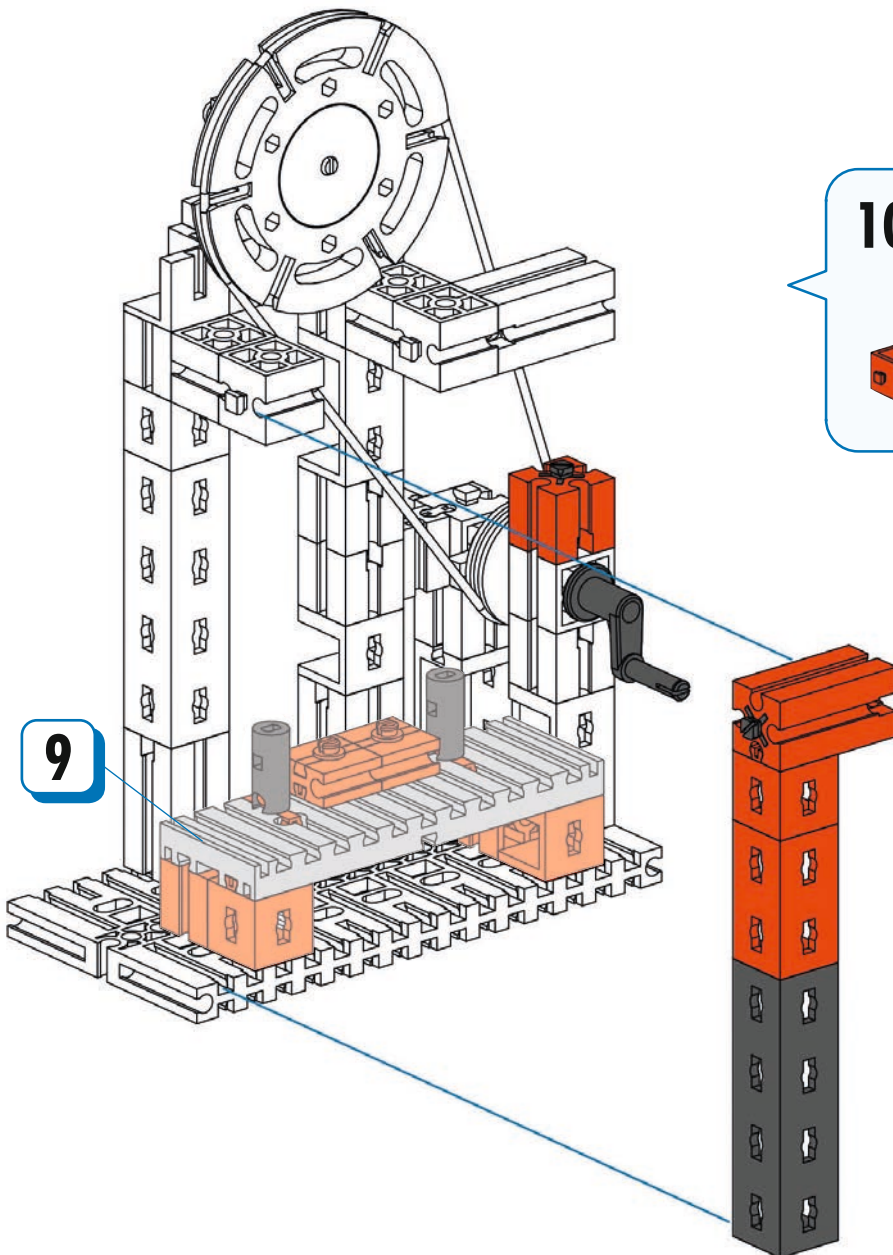
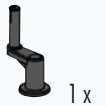
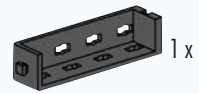
8

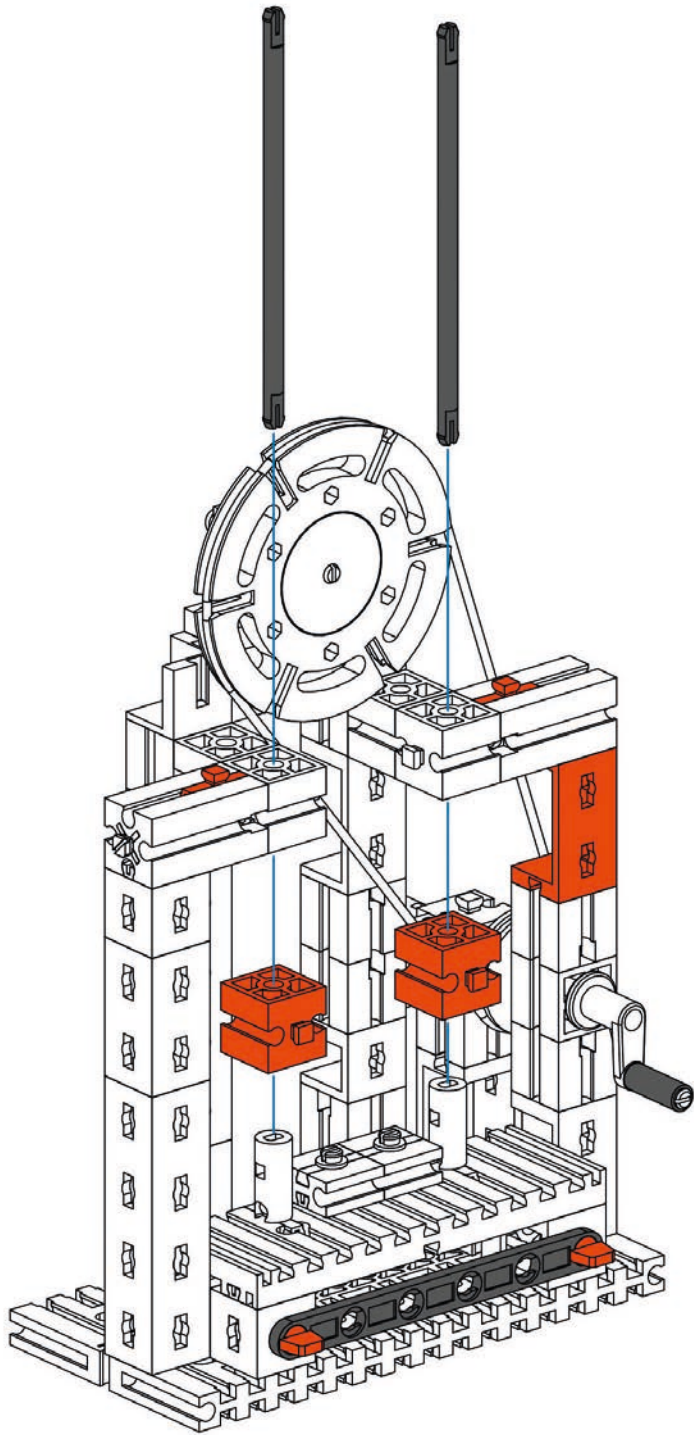


9



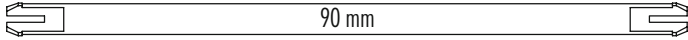
10





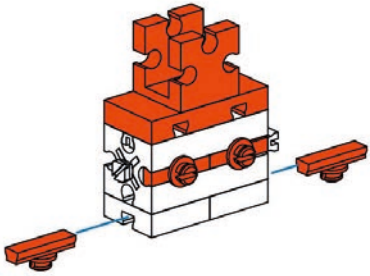
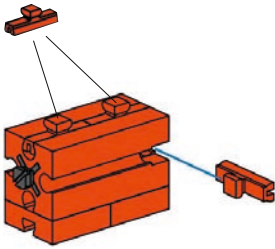
**11**

- 1x (Orange 1x3 Technic Brick)
- 2x (Orange 1x2 Technic Brick)
- 1x (Grey Technic Pin)
- 1x (Grey Technic Axle, length 15)
- 2x (Grey Technic Axle, length 90)
- 2x (Grey Technic Pin with Friction Ridge)
- 2x (Orange Technic Pin)



**12**

- 1x (Orange 1x3 Technic Brick)
- 2x (Orange 1x2 Technic Brick)
- 3x (Orange Technic Pin)



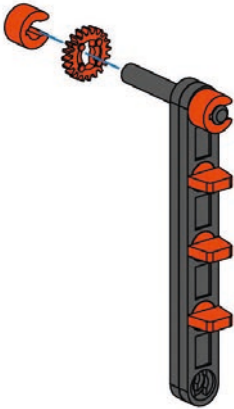
**13**

- 1x (Orange 1x3 Technic Brick)
- 1x (Orange 1x2 Technic Brick)
- 4x (Orange Technic Pin)

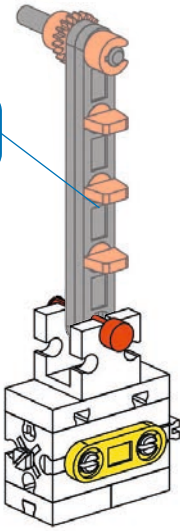


- 14** 30 1x    60 2x    A 3x    2x    1x

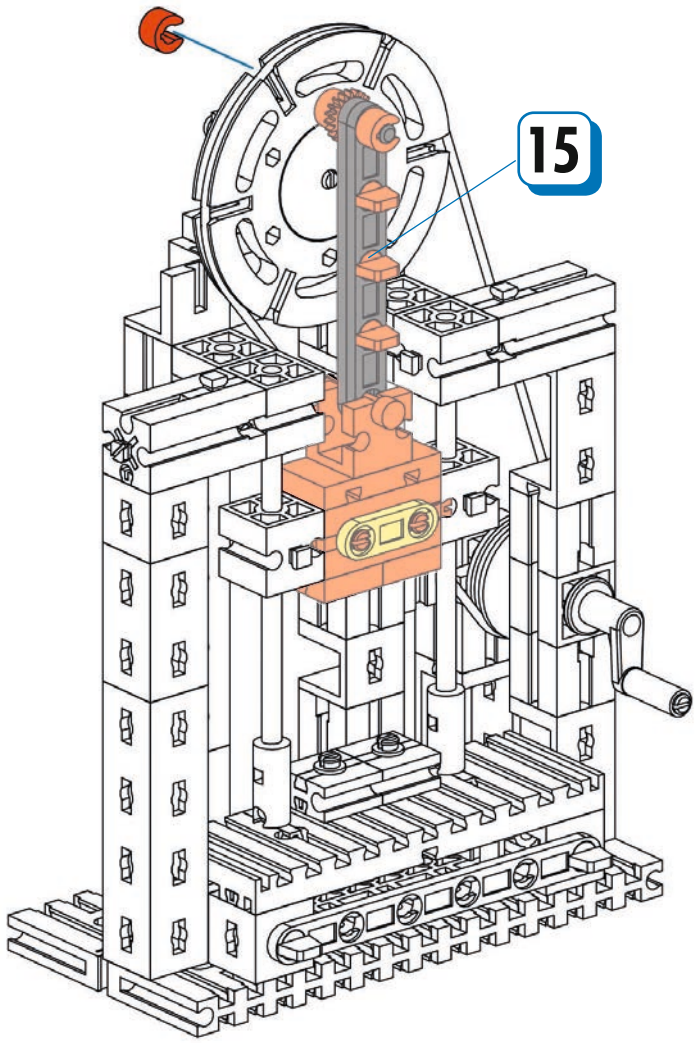
30 mm



**14**



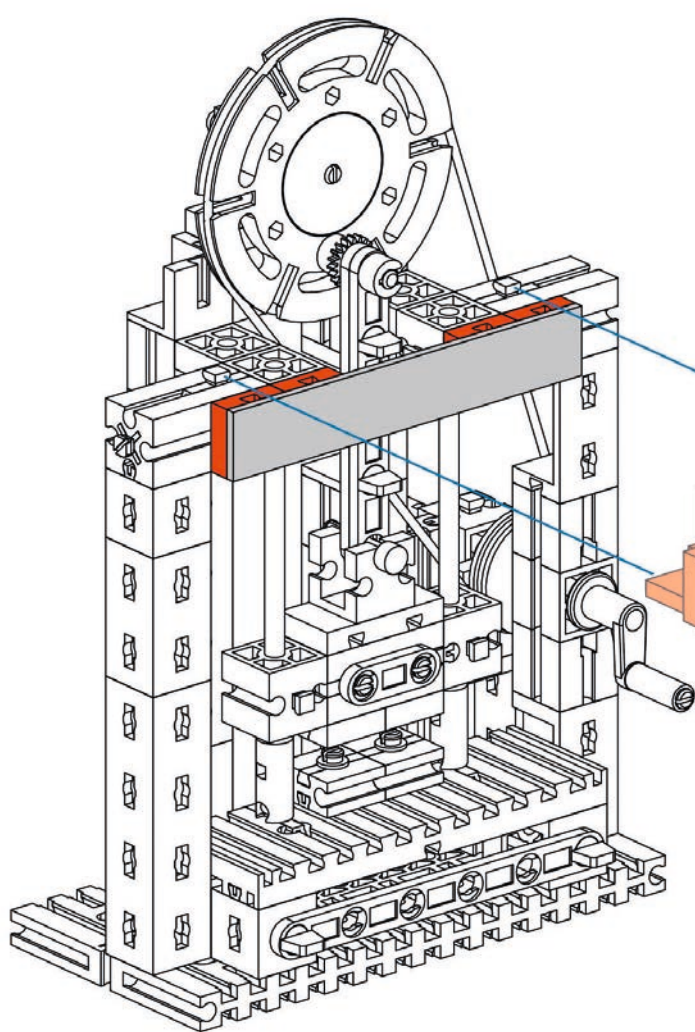
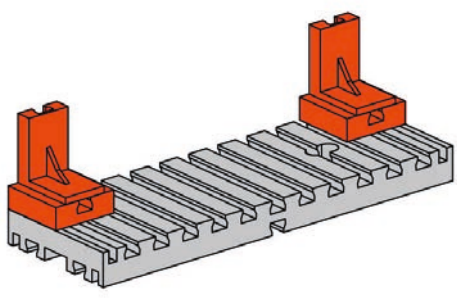
- 15** 1x    15 1x



- 16** 1x

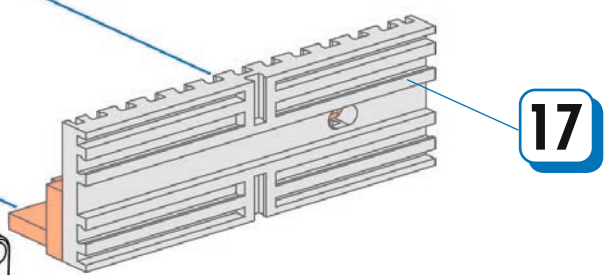
**17**

1x 2x 2x

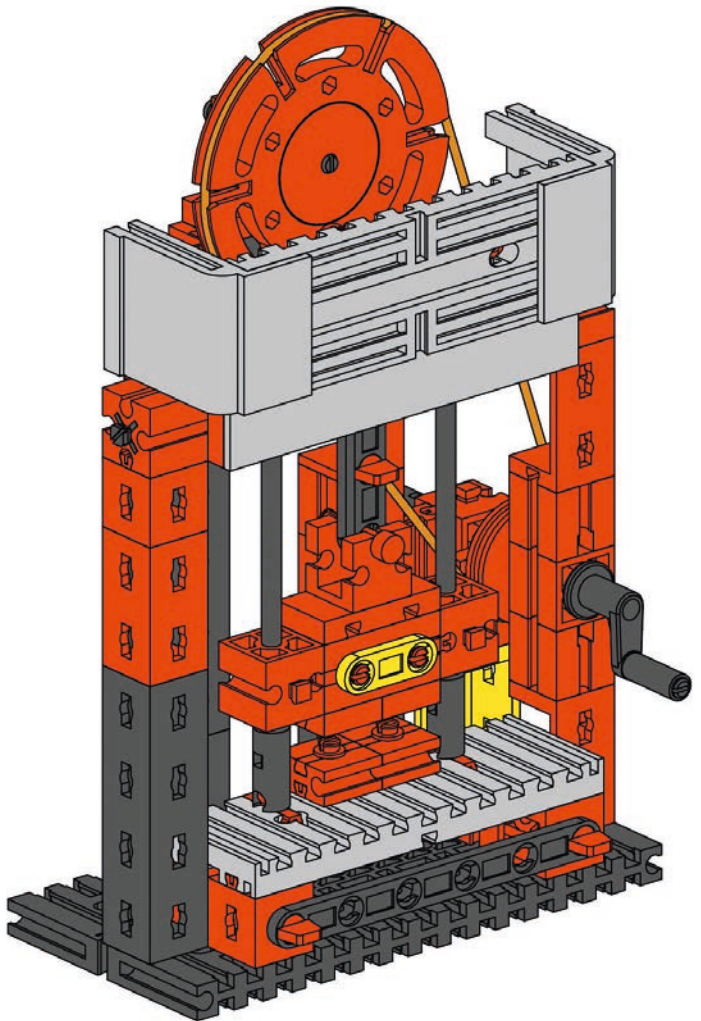
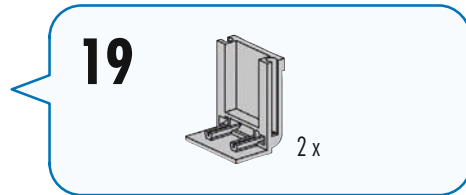
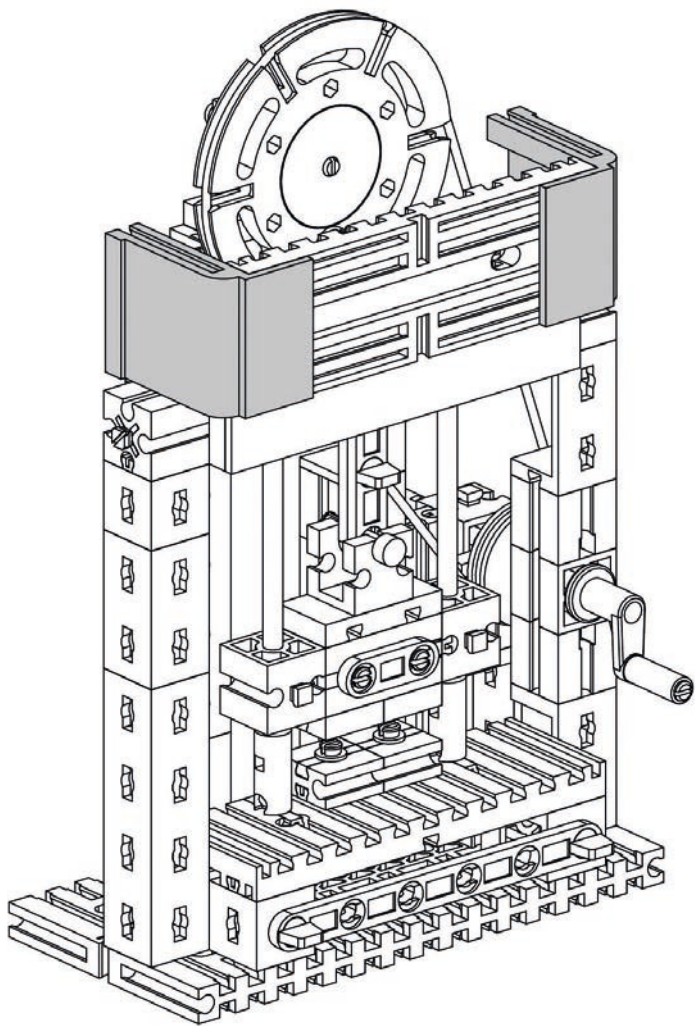


**18**

4x 1x



**17**



Motorisierung  
Motorization  
Motorisation

Motorisering  
Motorización  
Motorizaçõ

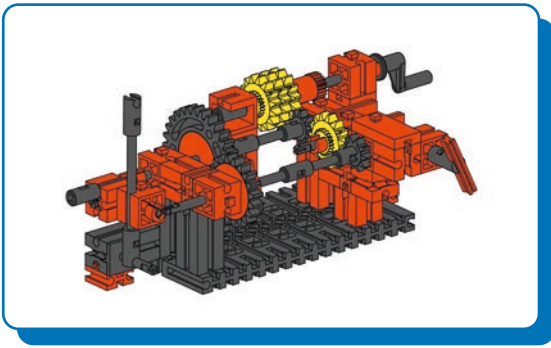
Motorizzazione  
Приводной механизм  
电动卷扬机 机动化与



Motor Set XS 505 281

Bauanleitung Plus Sets Universal 4 / Building instructions PLUS sets for Universal 4 / Instructions de montage PLUS Sets pour Universal 4 / Bouwinstructie PLUS-sets voor Universal 4 / Instrucciones de montaje PLUS Sets para Universal 4 / Instruções de montagem PLUS Kits para Universal 4 / Istruzioni per la costruzione dei kit PLUS per Universal 4 / Руководство по сборке комплектов PLUS для Universal 4 / Universal 4 升级套件组装说明书

[www.fischertechnik.de/PLUS-Universal4](http://www.fischertechnik.de/PLUS-Universal4)

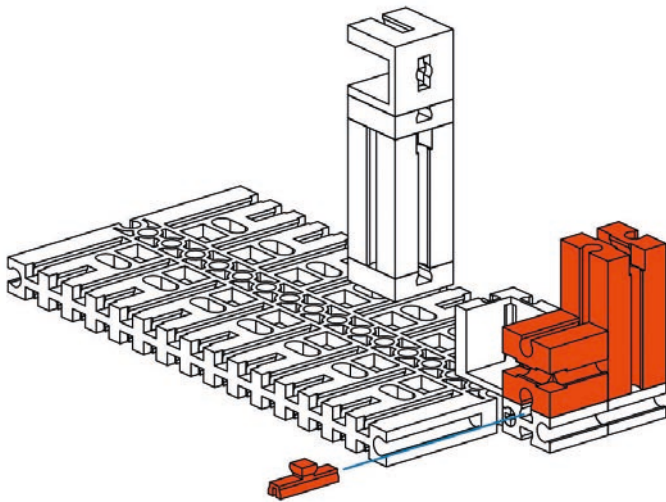
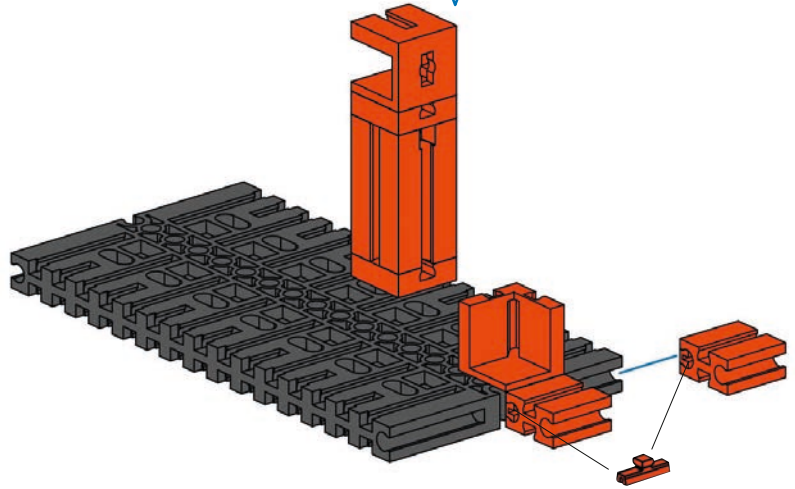


Schaltgetriebe  
Manual transmission  
Boîte de vitesses

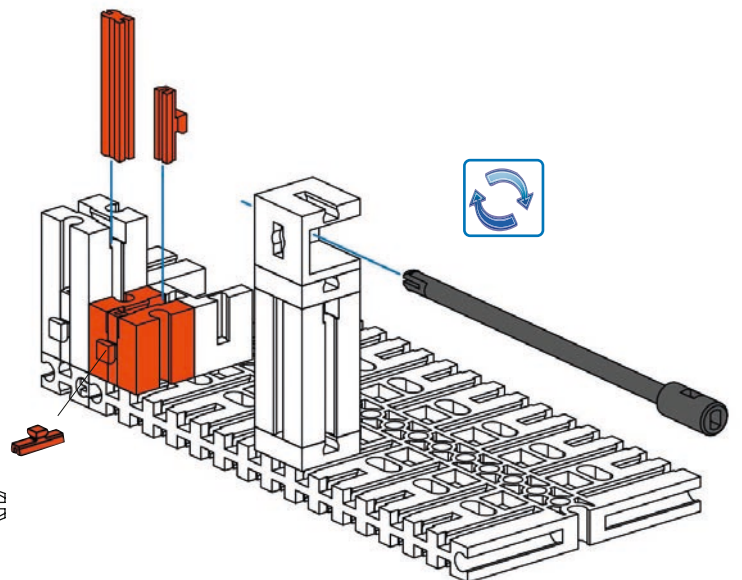
Schakeloverbrenging  
Cambio de velocidades  
Caixa de câmbio

Cambio meccanico  
Коробка передач  
变速器

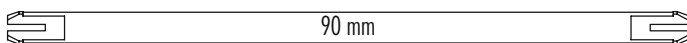
**1**

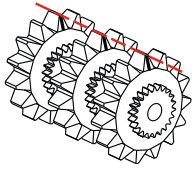


**2**

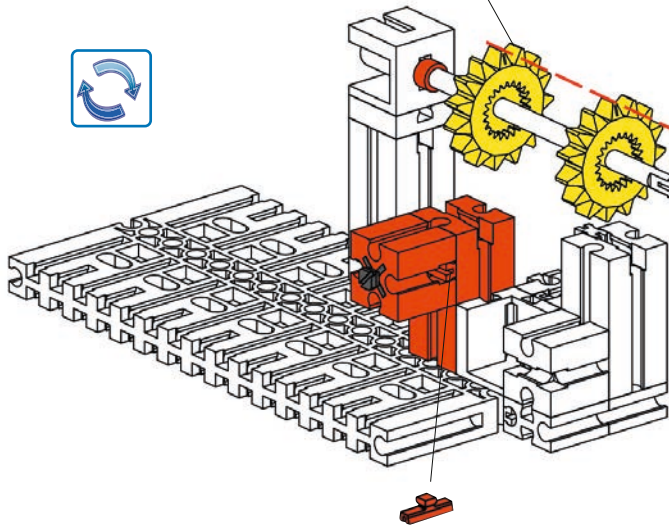


**3**

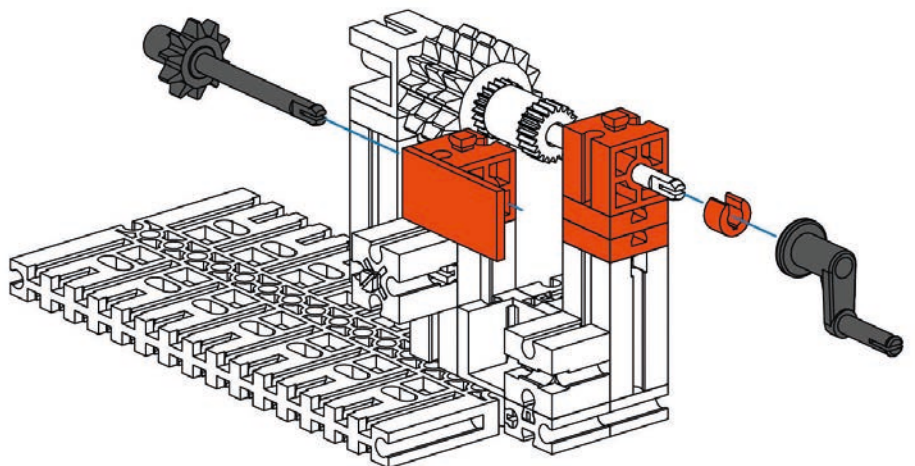




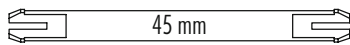
- Markierung beachten!
- Note marking!
- Tenir compte des repères!
- Let op de marking!
- ¡Tener en cuenta el marcaje!
- Observar a marcação!
- Osservare il contrassegno!
- Учитывайте маркировку
- 注意标记！

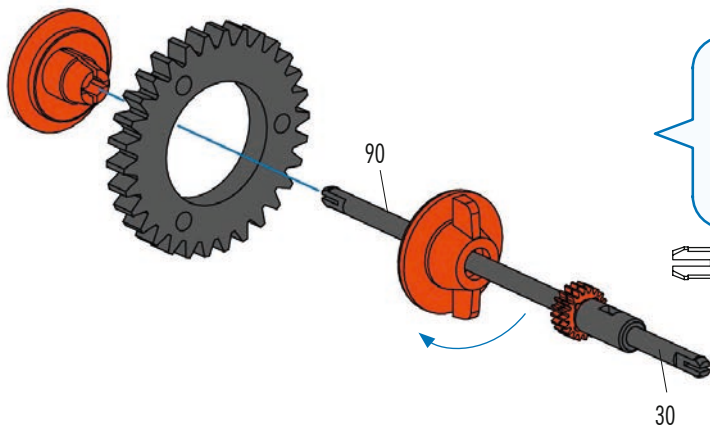


4



5





**6**

- 1x Gear (grey)
- 1x Bush (orange)
- 1x Bush (orange)
- 1x Axle (90 mm, grey)
- 1x Axle (30 mm, grey)
- 1x Pin (grey)
- 2x Pin (black)

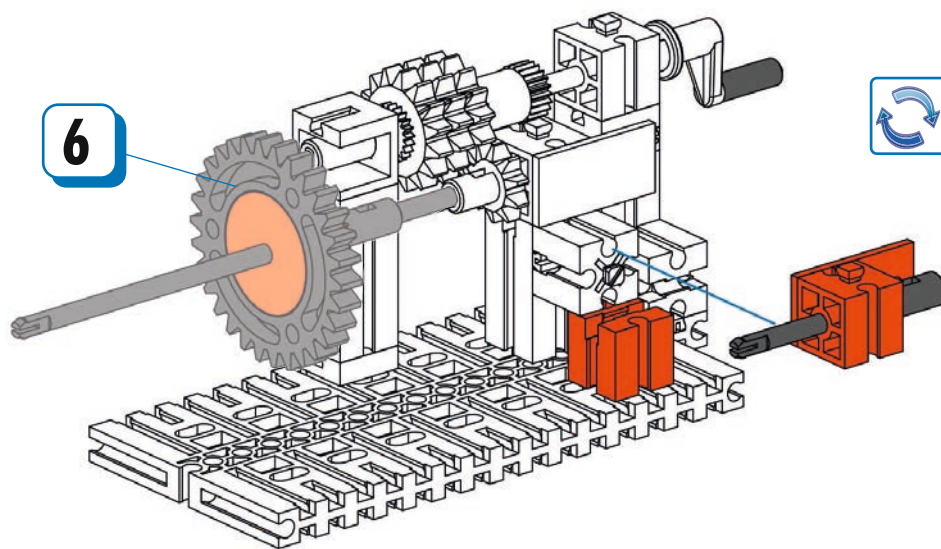
90 mm

30 mm

**7**

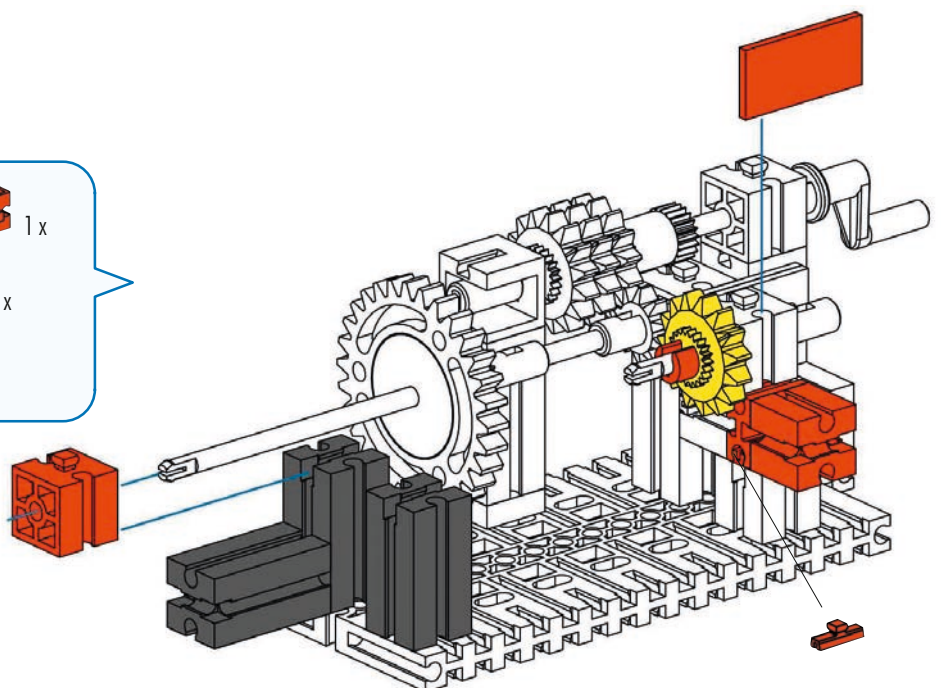
- 1x Bush (orange)
- 1x Bush (orange)
- 1x Plate (orange)
- 1x Axle (45 mm, grey)
- 1x Pin (grey)
- 1x Pin (grey)

45 mm



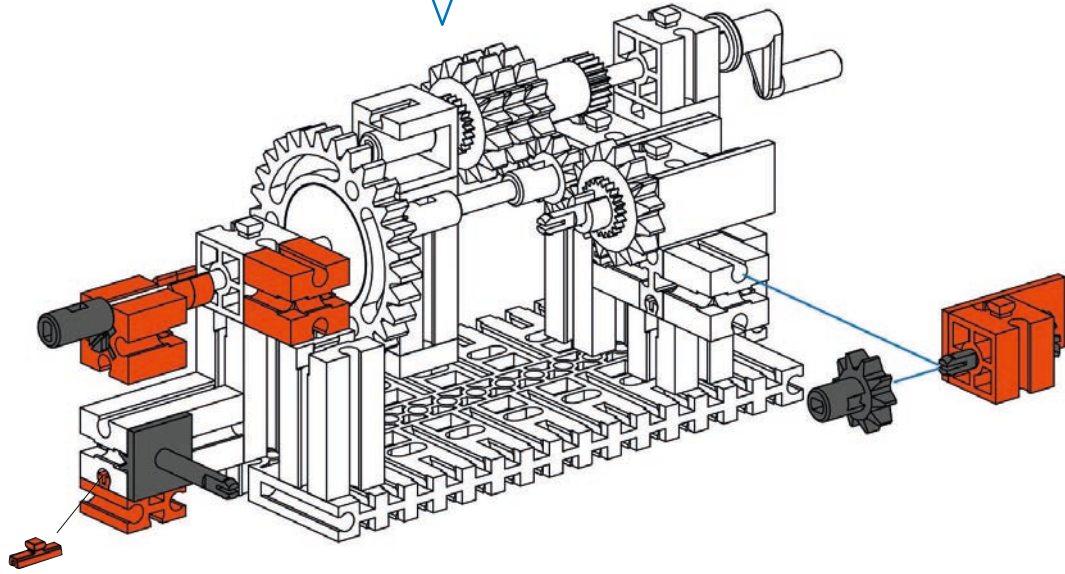
**8**

- 3x Beam (grey)
- 1x Bush (orange)
- 1x Bush (orange)
- 1x Bush (orange)
- 1x Plate (orange)
- 1x Plate (orange)
- 1x Pin (red)
- 1x Gear (yellow)
- 1x Pin (orange)



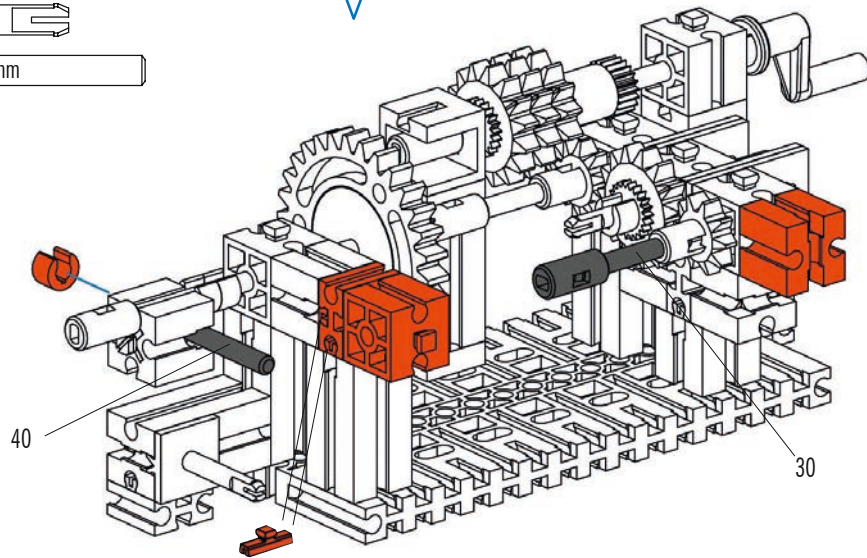
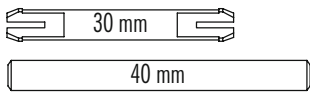
9

- 1x (orange 2x2 brick)
- 2x (orange 2x2 brick)
- 1x (orange 1x2 brick)
- 2x (orange 1x2 brick)
- 1x (orange 1x2 brick)
- 1x (orange 1x2 brick)
- 1x (black axle pin)
- 1x (black axle pin)
- 1x (black axle pin)



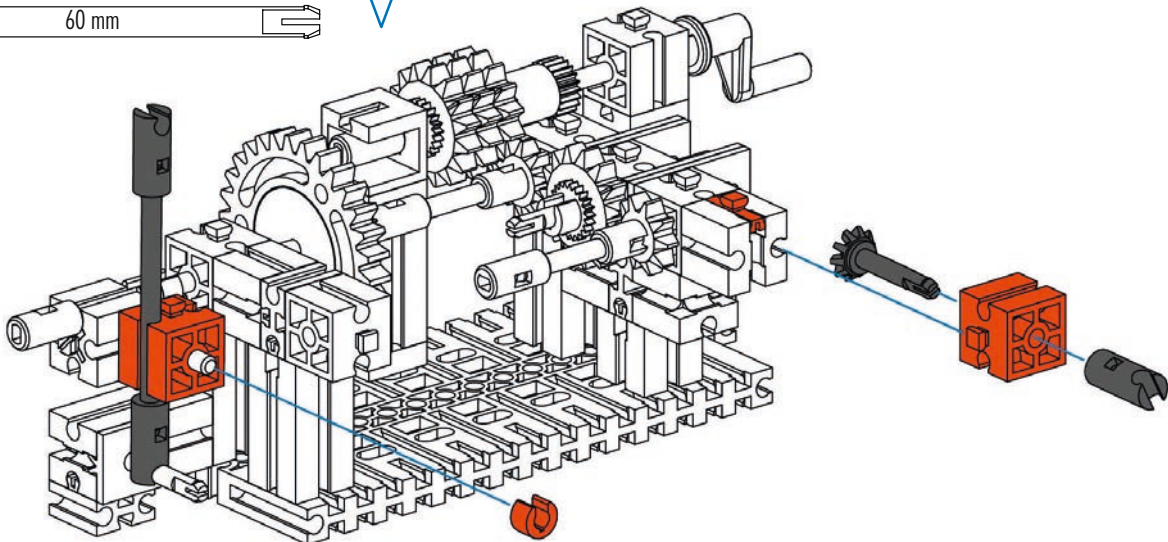
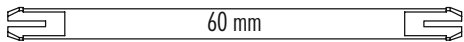
10

- 1x (orange 2x2 brick)
- 1x (orange 1x2 brick)
- 1x (black axle pin)
- 1x (black axle pin, 30 mm)
- 1x (black axle pin, 40 mm)
- 2x (orange 1x2 brick)
- 1x (orange 1x2 brick)
- 1x (orange 2x2 brick)



11

- 2x (orange 2x2 brick)
- 1x (black axle pin, 60 mm)
- 3x (black axle pin)
- 1x (orange 1x2 brick)
- 1x (orange 1x2 brick)
- 1x (black axle pin)



12



1 x



1 x



1 x



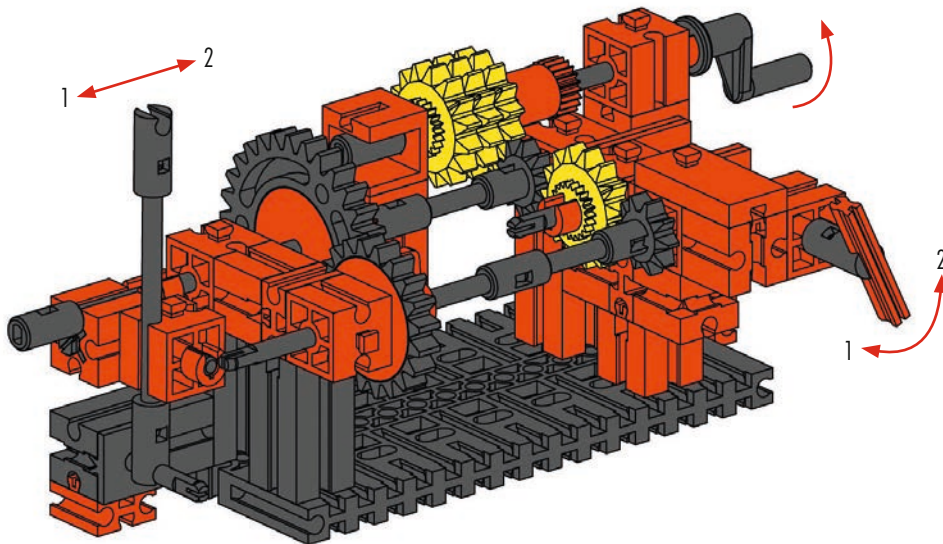
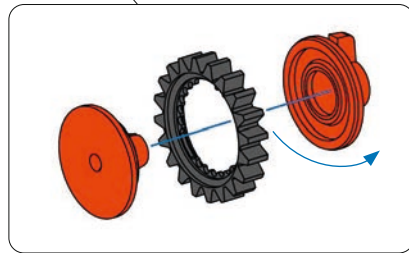
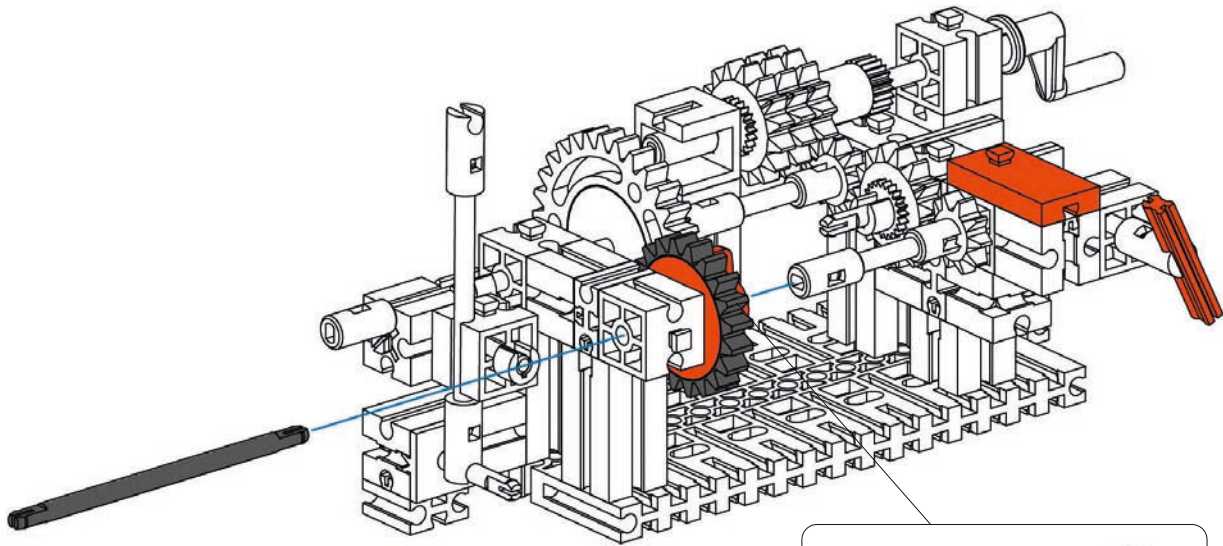
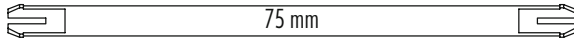
1 x



1 x



1 x



Motorisierung  
Motorization  
Motorisation

Motorisering  
Motorización  
Motorização

Motorizzazione  
Приводной механизм  
电动卷扬机 机动化与






Motor Set XS 505 281

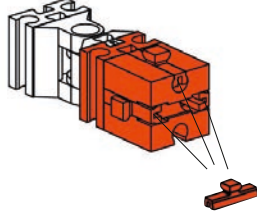
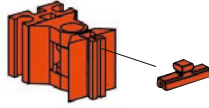
Bauanleitung Plus Sets Universal 4 / Building instructions PLUS sets for Universal 4 / Instructions de montage PLUS Sets pour Universal 4 / Bouwinstructie PLUS-sets voor Universal 4 / Instrucciones de montaje PLUS Sets para Universal 4 / Instruções de montagem PLUS Kits para Universal 4 / Istruzioni per la costruzione dei kit PLUS per Universal 4 / Руководство по сборке комплектов PLUS для Universal 4 / Universal 4 升级套件组装说明书




[www.fischertechnik.de/PLUS-Universal4](http://www.fischertechnik.de/PLUS-Universal4)

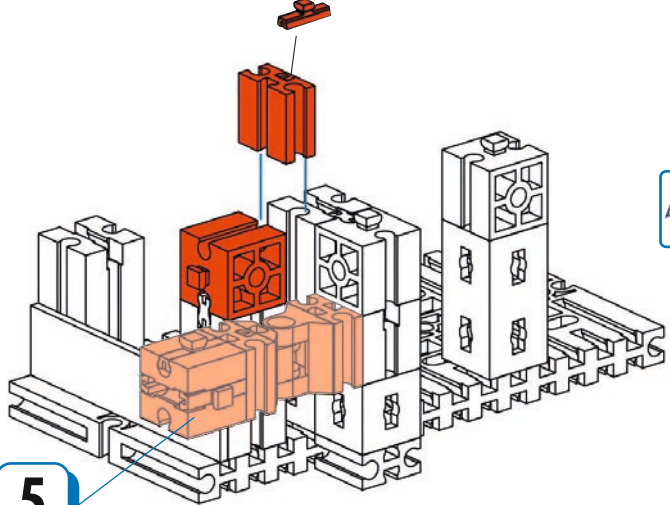







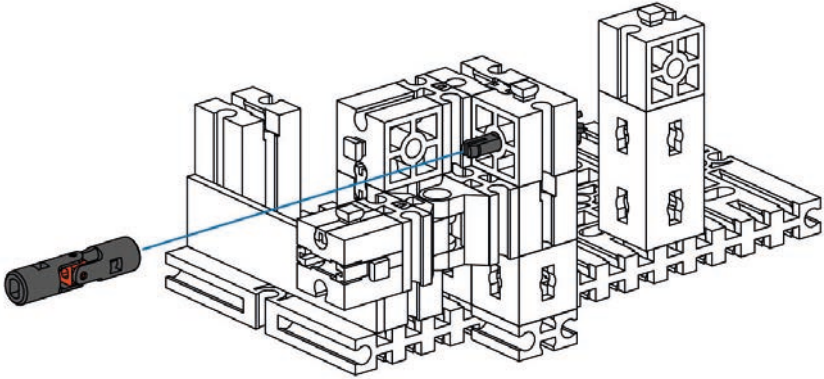
**4**  1x  1x  1x









**5**  1x  1x  3x

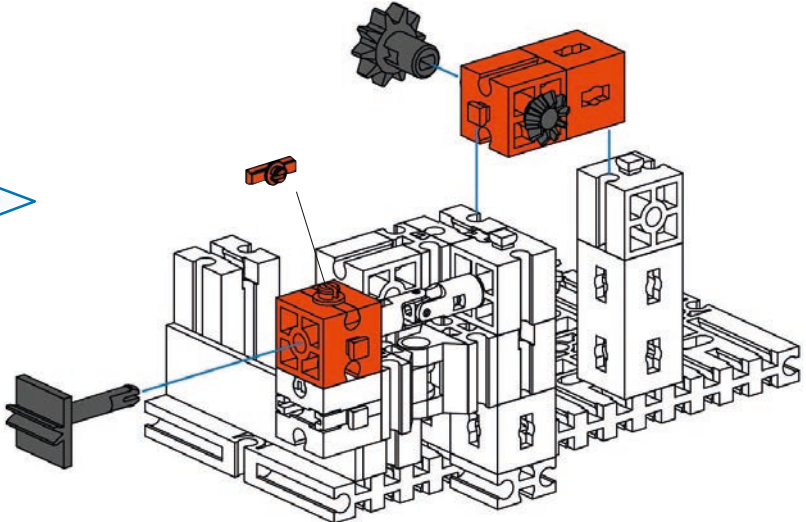





**6**  1x  1x  1x

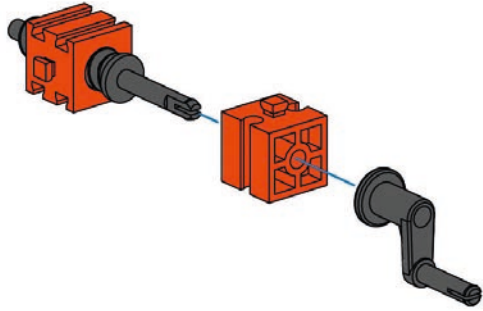
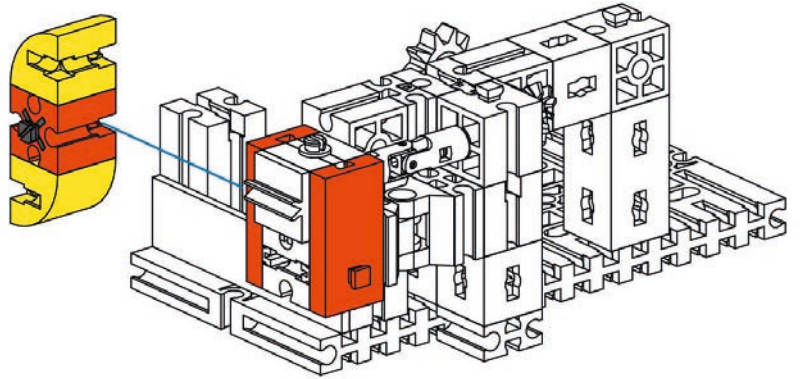






**7**  1x  1x

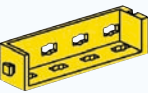

**8**  2x  1x  1x  1x  1x  1x

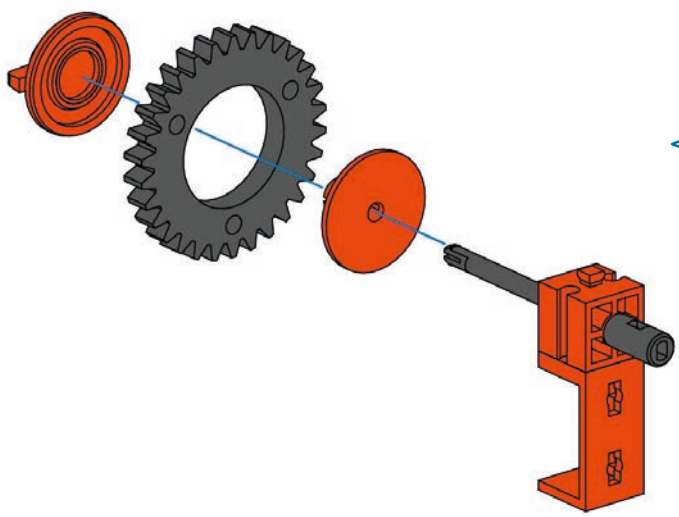
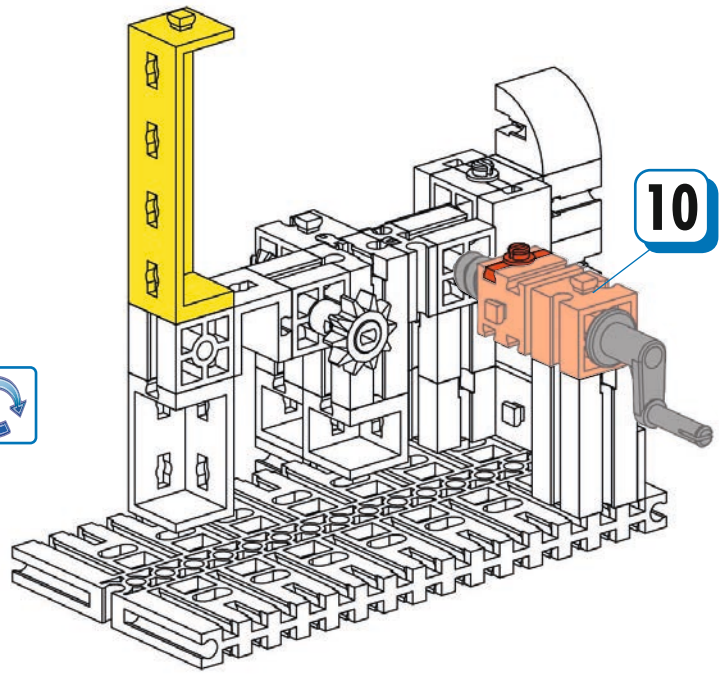











- 9**  1x  2x  2x

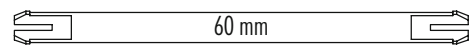


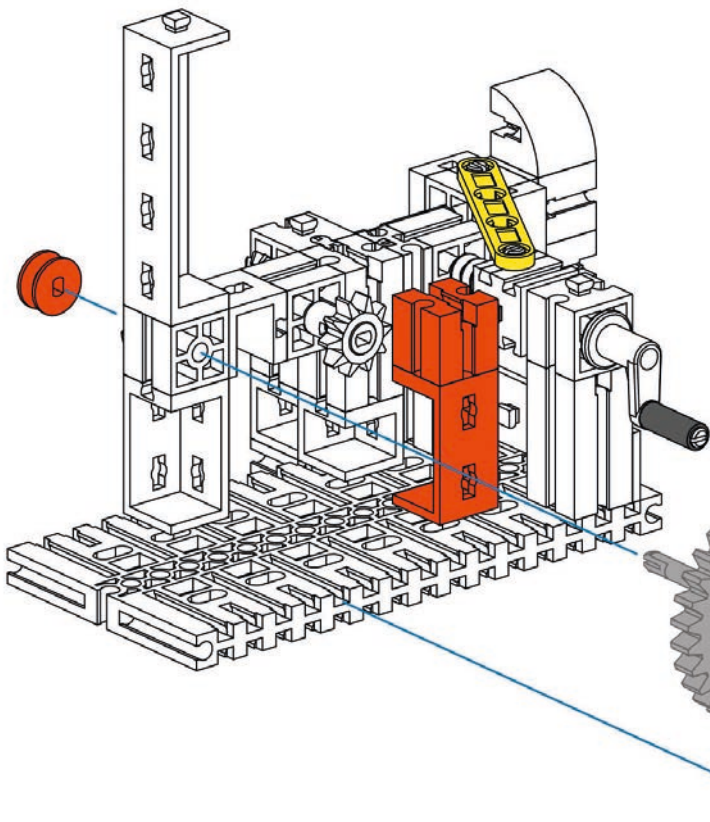
- 10**  1x  1x  1x  1x

- 11**  1x  1x



- 12**  1x  1x  1x  1x  1x  60 1x  1x  1x  1x





**13**

- 1x Red 1x4 Technic Brick
- 1x Red 1x2 Technic Brick
- 1x Red 1x2 Technic Brick
- 1x Red 1x2 Technic Brick
- 1x Yellow 45-degree Technic Beam
- 1x Black Axle

1x

1x

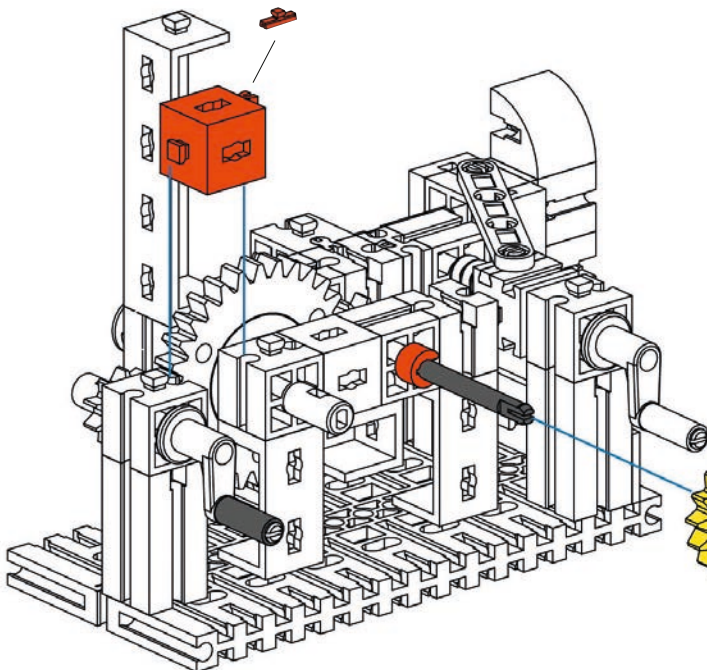
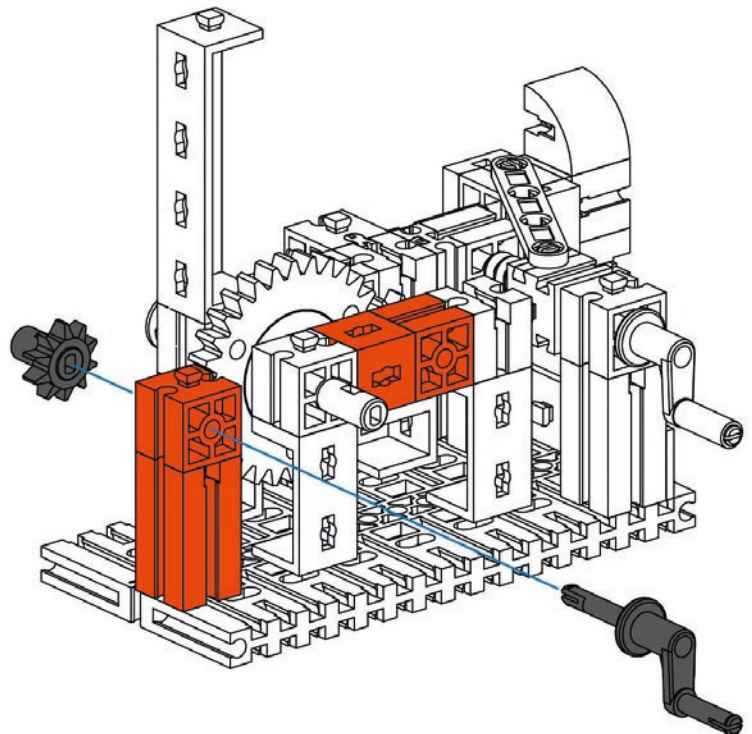
1x

**12**

**14**

- 1x Red 1x4 Technic Brick
- 2x Red 1x2 Technic Brick
- 1x Red 1x2 Technic Brick
- 1x Black 30mm Technic Beam
- 1x Black Technic Pin
- 1x Black Technic L-Arm

30 mm



**15**

- 1x Red 1x2 Technic Brick
- 1x Yellow Gear
- 1x Red 1x2 Technic Brick
- 1x Black 60mm Technic Beam
- 1x Red 1x2 Technic Brick
- 1x Black Axle

1x

1x

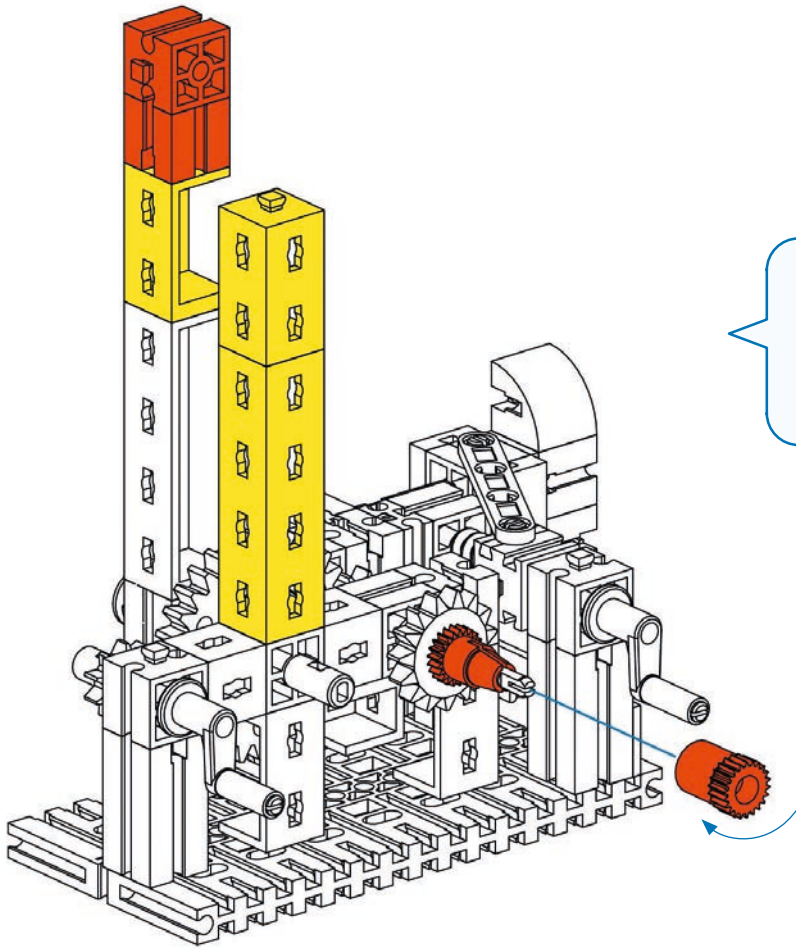
1x

1x

1x

1x

60 mm

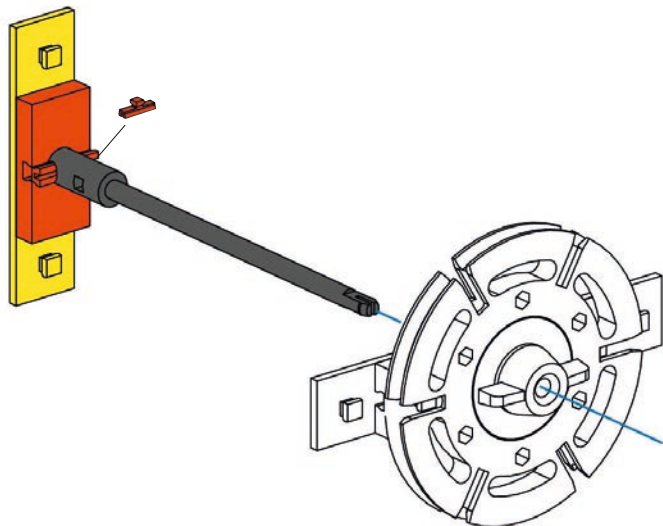
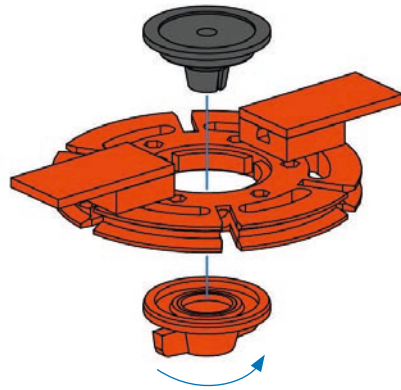


**16**

	1x		2x		1x
	1x		1x		1x

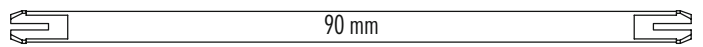
**17**

	1x		1x
	2x		2x
	1x		

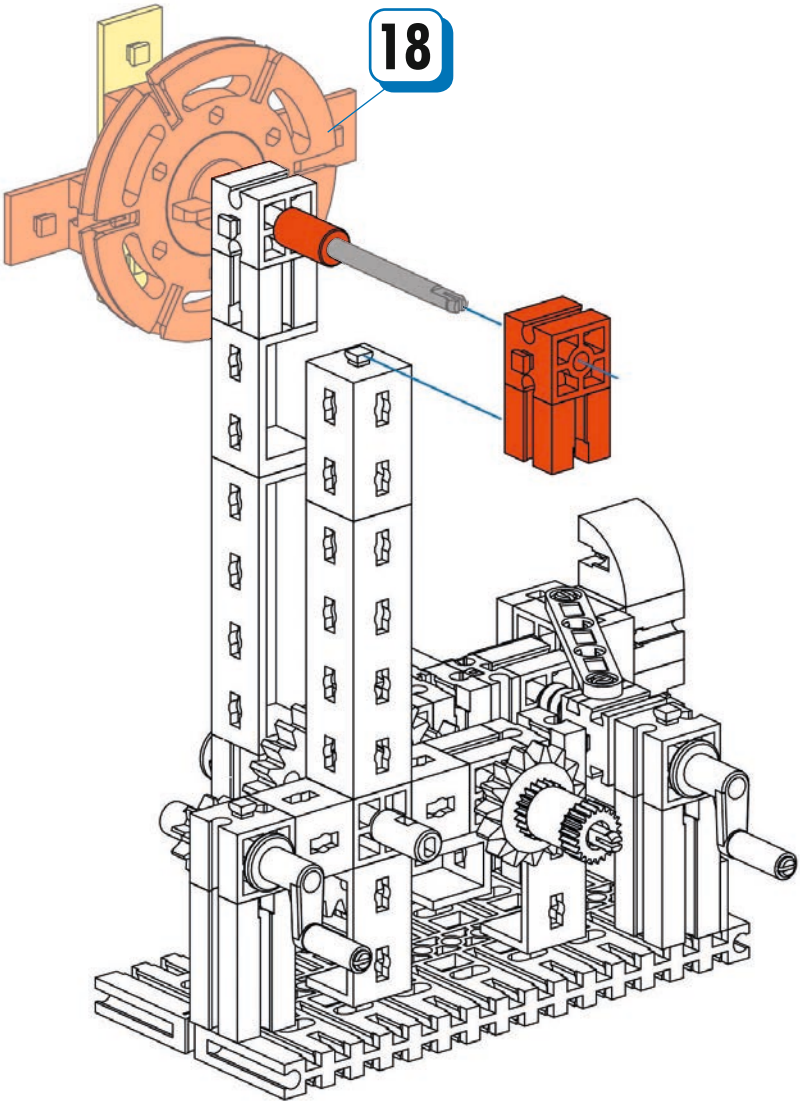




**18**

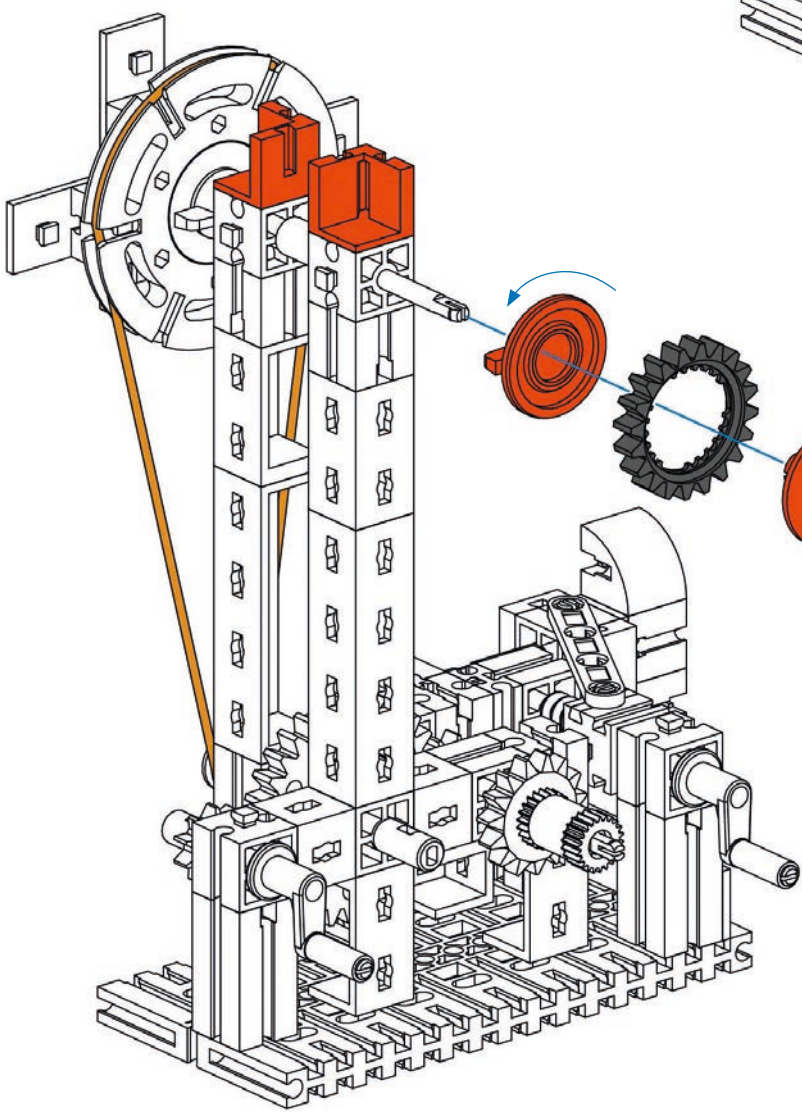
	1x		1x
	1x		1x
			1x









18



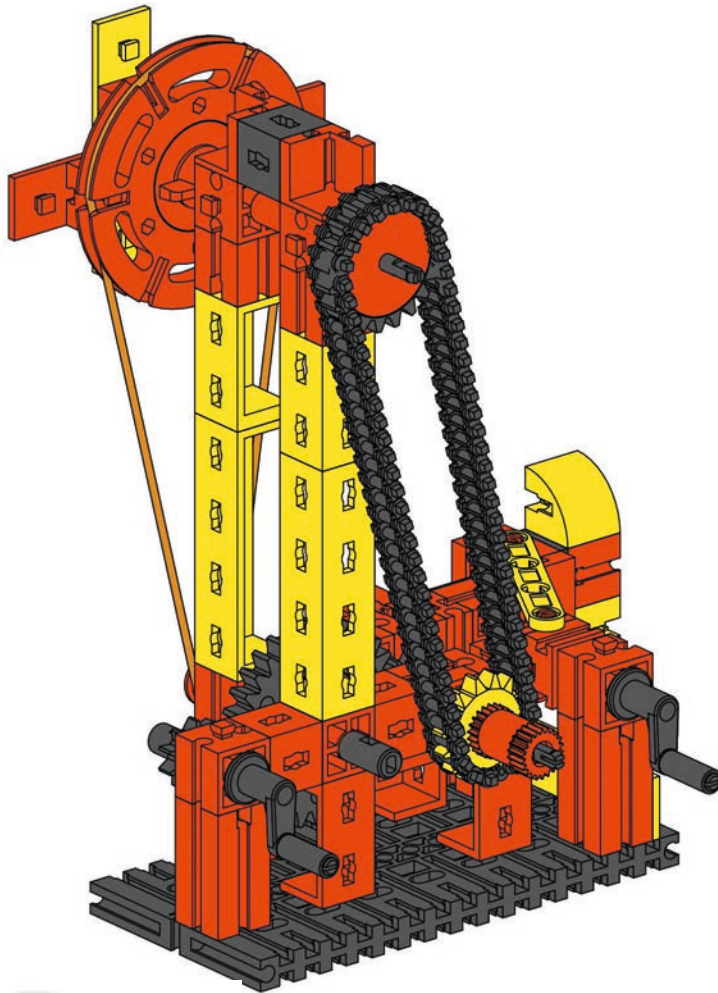
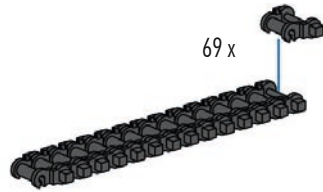
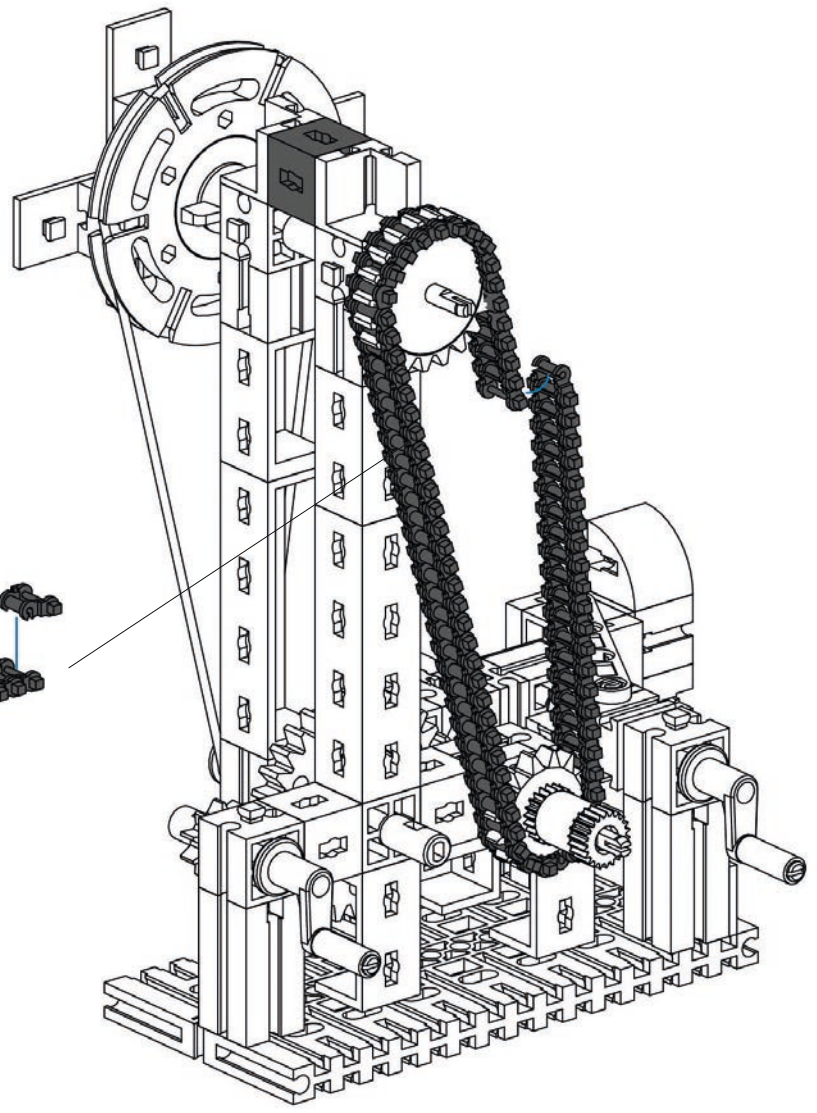
- 19
-  1x
  -  1x
  -  1x



- 20
-  1x
  -  1x
  -  1x
  -  1x
  -  2x
  -  1x

21

69 x 1 x



Motorisierung  
 Motorization  
 Motorisation

Motorisering  
 Motorización  
 Motorização

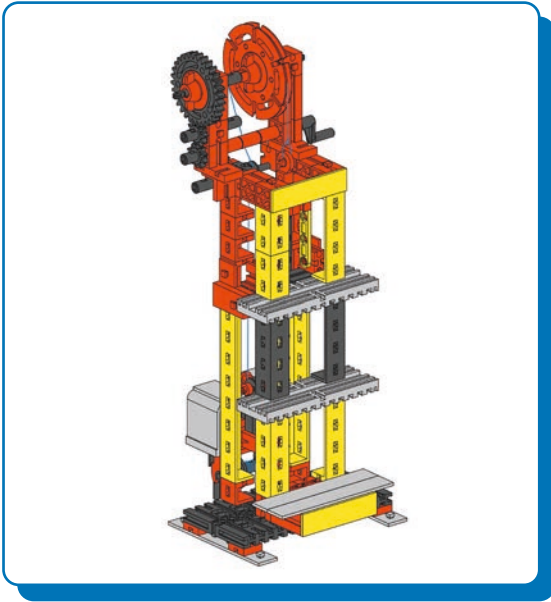
Motorizzazione  
 Приводной механизм  
 电动卷扬机 机动化与



Motor Set XM 505 282

Bauanleitung Plus Sets Universal 4 / Building instructions PLUS sets for Universal 4 / Instructions de montage PLUS Sets pour Universal 4 / Bouwinstructie PLUS-sets voor Universal 4 / Instrucciones de montaje PLUS Sets para Universal 4 / Instruções de montagem PLUS Kits para Universal 4 / Istruzioni per la costruzione dei kit PLUS per Universal 4 / Руководство по сборке комплектов PLUS для Universal 4 / Universal 4 升级套件组装说明书

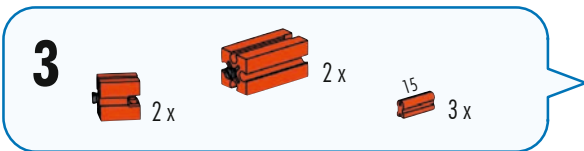
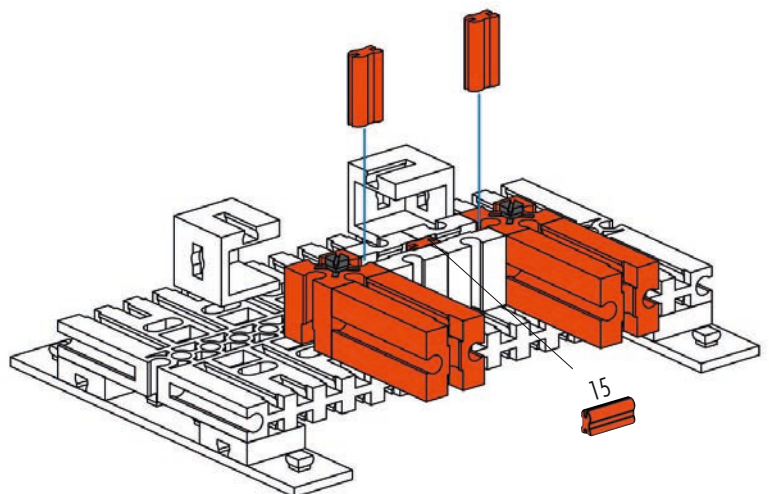
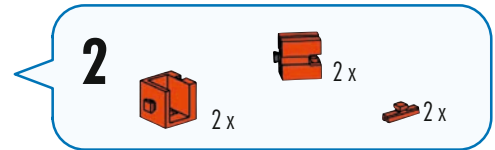
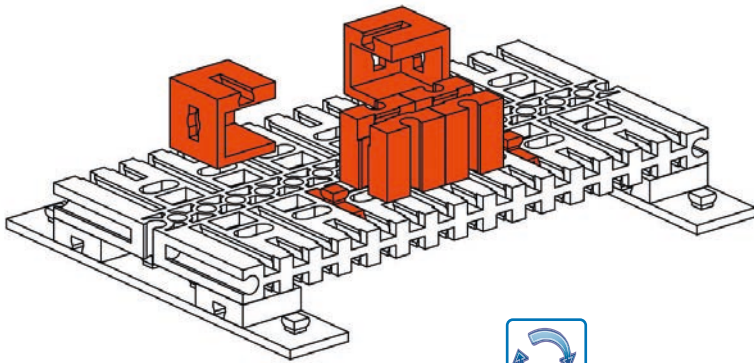
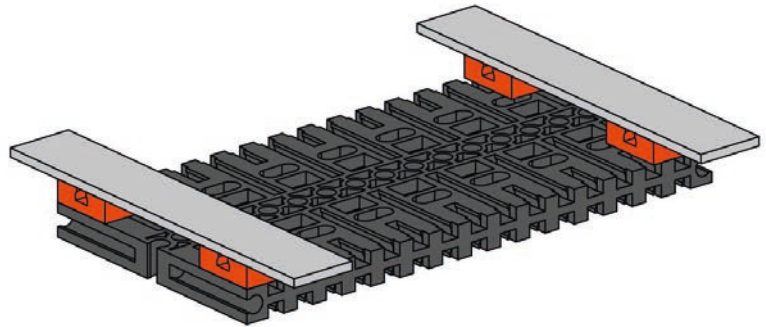
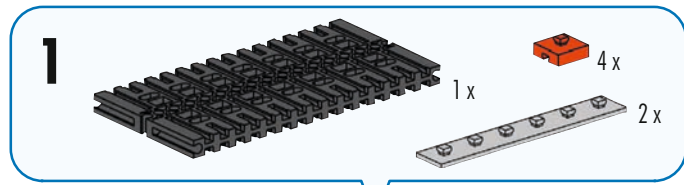
[www.fischertechnik.de/PLUS-Universal4](http://www.fischertechnik.de/PLUS-Universal4)



Aufzug  
Elevator  
Ascenseur

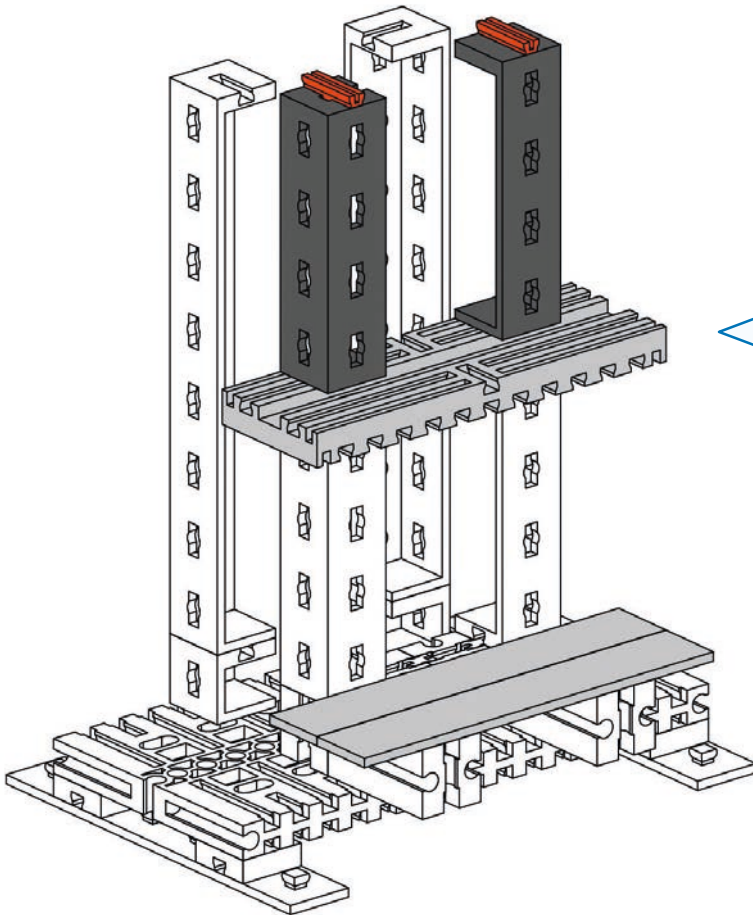
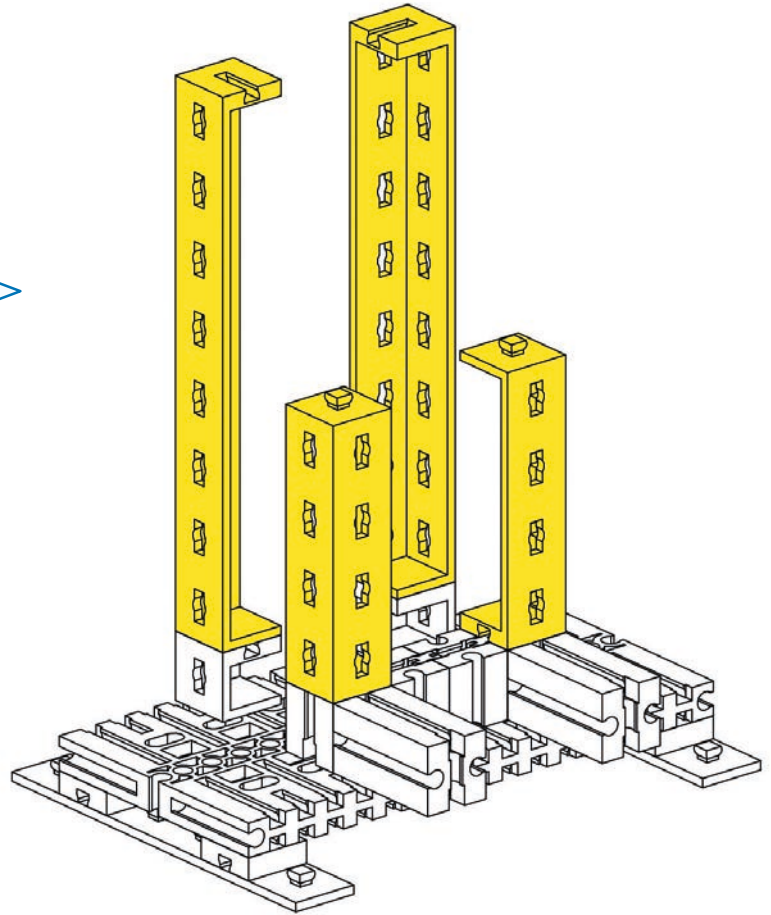
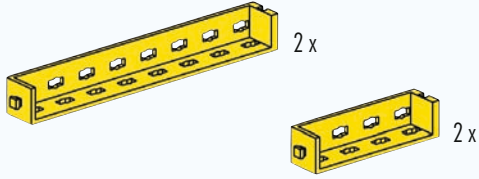
Lift  
Ascensor  
Elevador

Ascensore  
Подъёмник  
升降机

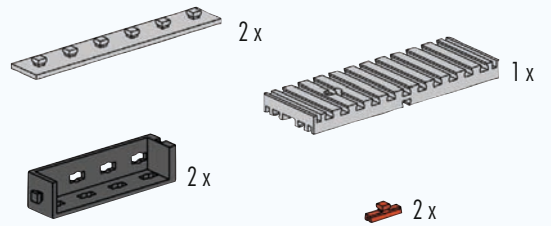




4



5



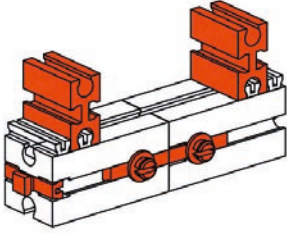
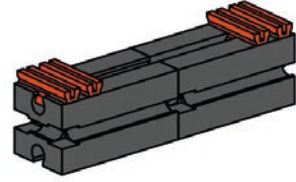
6



2x



4x



7



2x



1x



2x

8



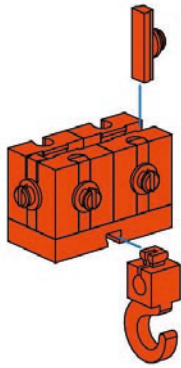
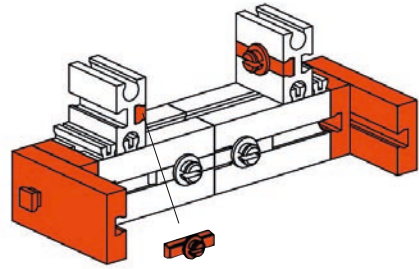
2x



2x



2x



9



1x



2x

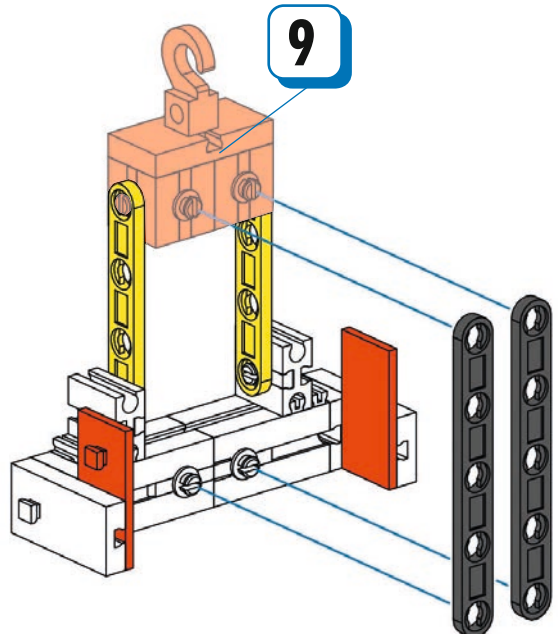


1x



4x

9



10



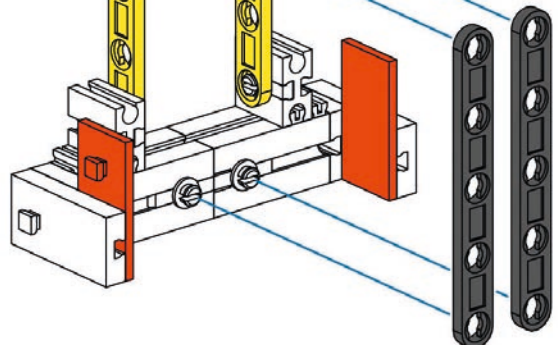
2x

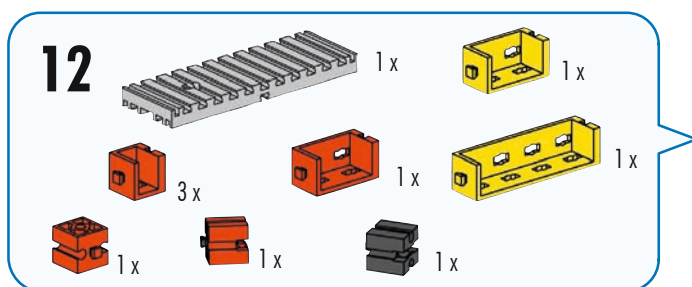
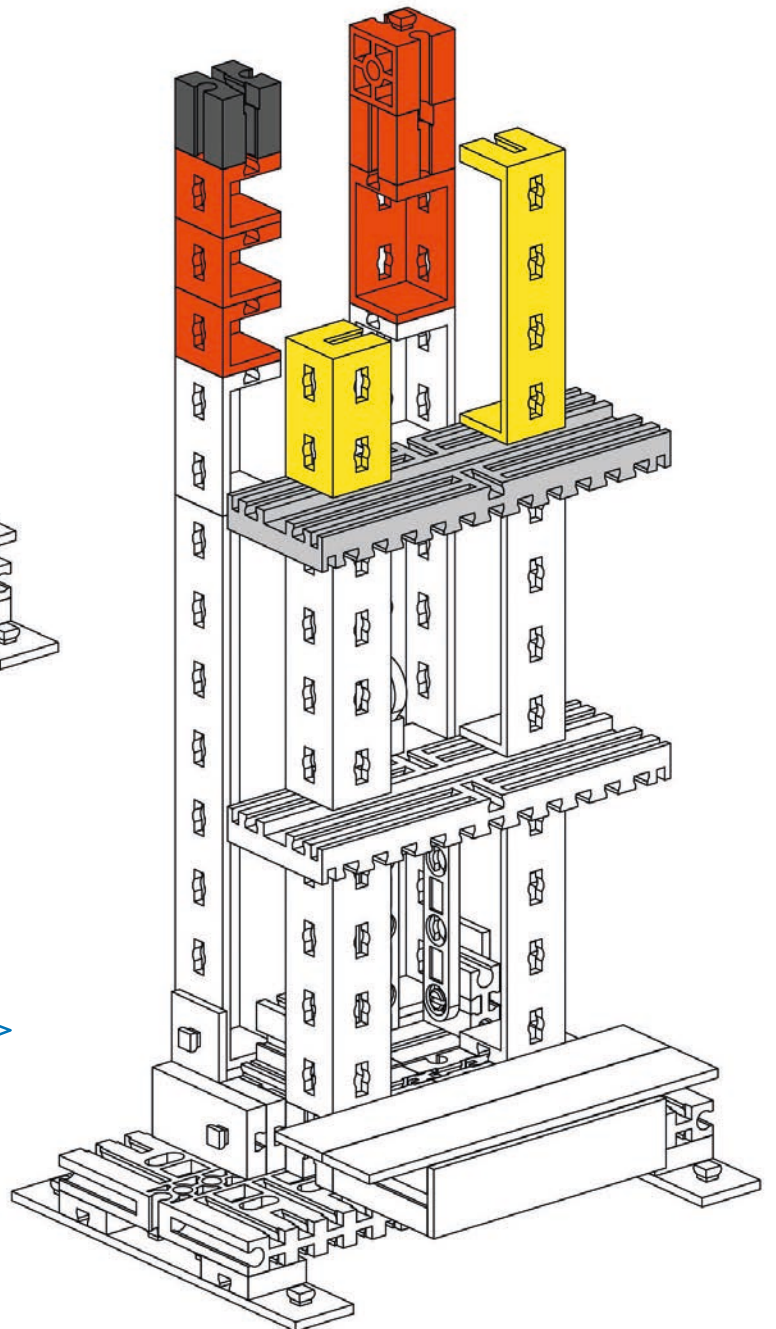
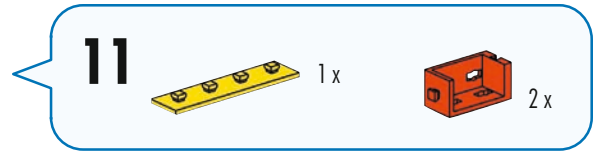
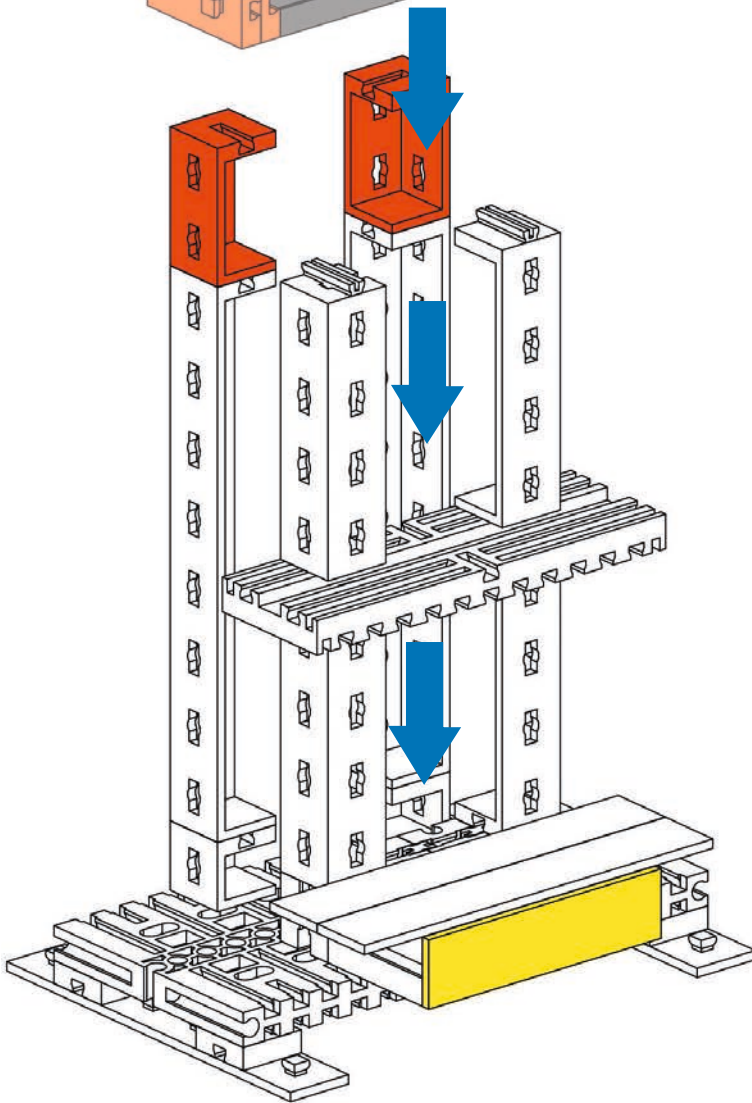
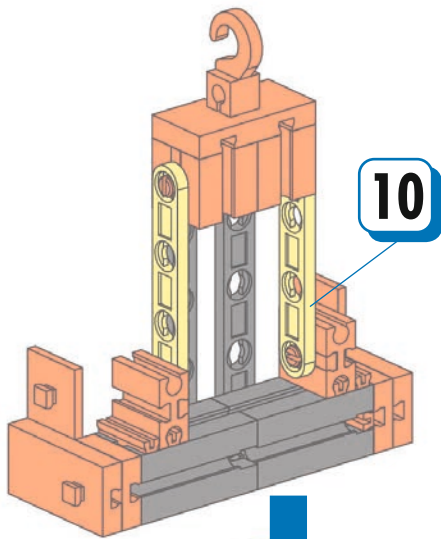


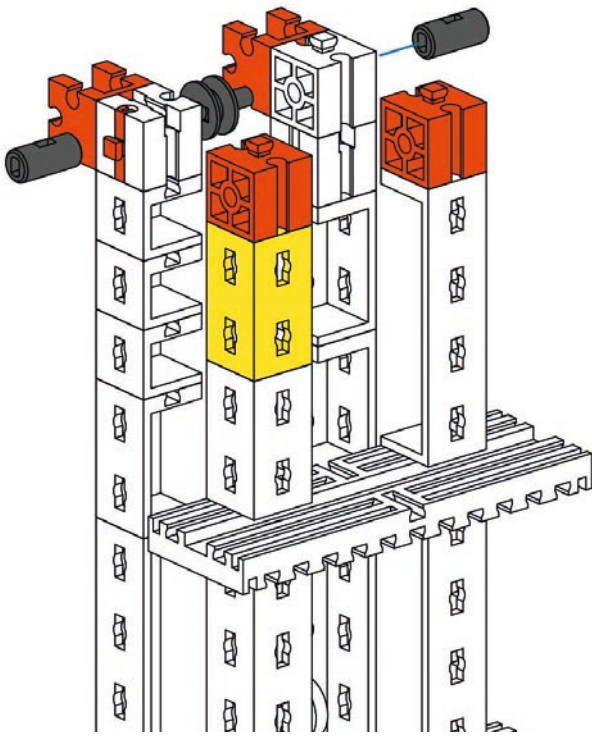
2x



2x

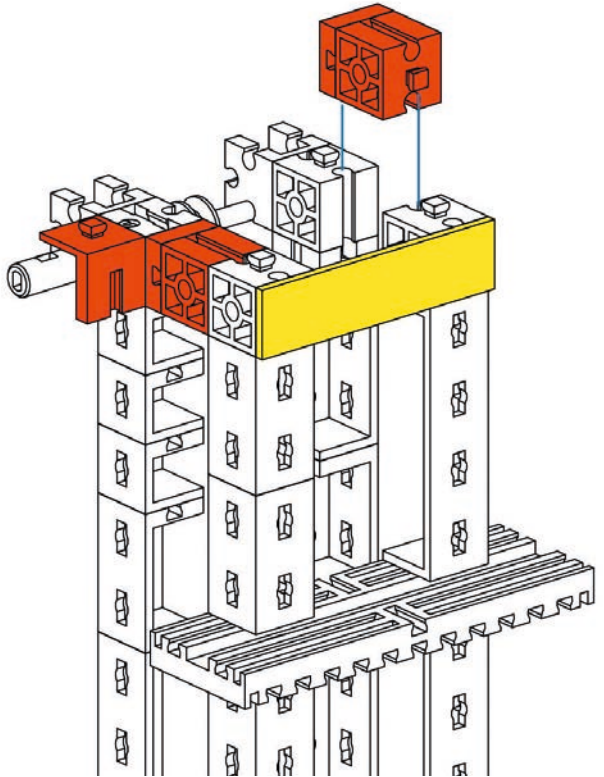
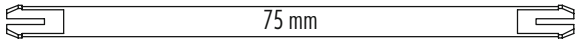






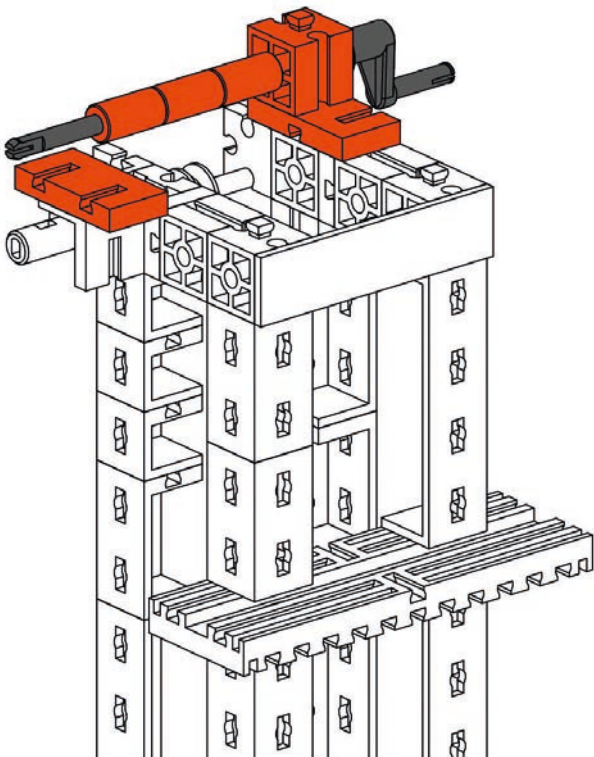
**13**

- 1x Yellow 1x4 Technic Brick
- 2x Red 1x2 Technic Brick with Hole
- 2x Red 1x2 Technic Brick with Hole and Stud
- 1x Grey Technic Axle (75)
- 1x Black Technic Pin
- 2x Black Technic Pin
- 1x Red 1x2 Technic Brick with Hole and Stud



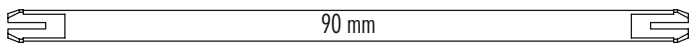
**14**

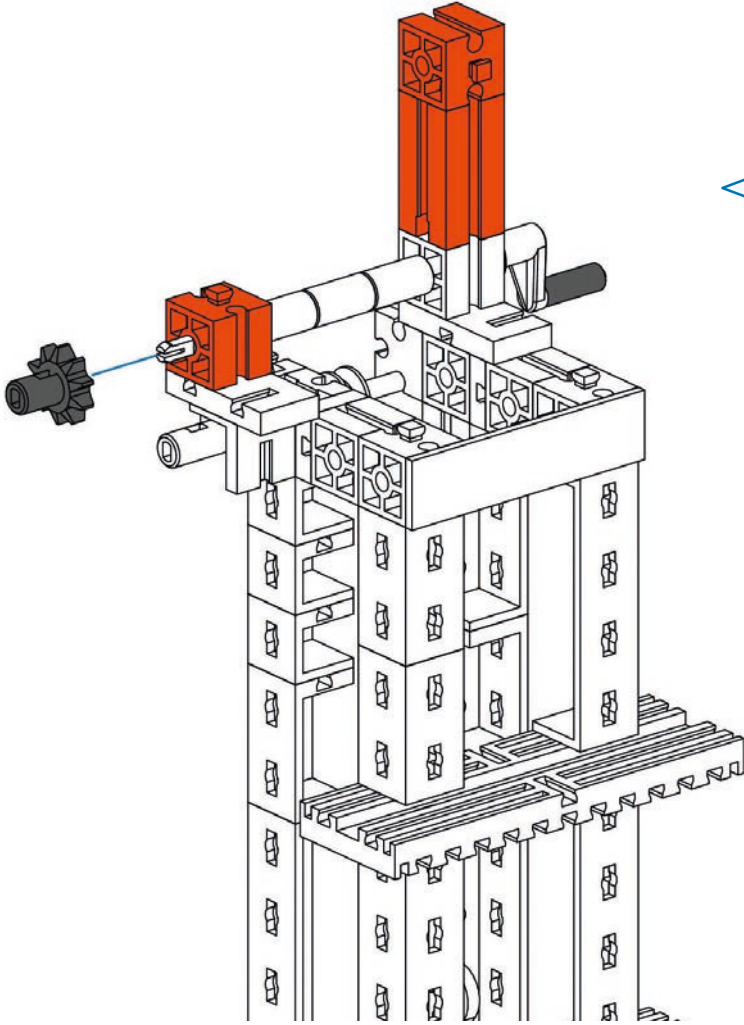
- 2x Red 1x2 Technic Brick with Hole
- 2x Red 1x2 Technic Brick with Hole and Stud
- 1x Red 1x2 Technic Brick with Hole and Stud
- 1x Yellow 1x4 Technic Brick












**15**

- 2x Red 1x2 Technic Brick with Hole
- 1x Red 1x2 Technic Brick with Hole and Stud
- 1x Black Technic L-Shape Connector
- 1x Grey Technic Axle (90)
- 3x Red Technic Pin

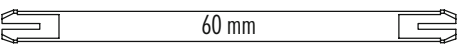


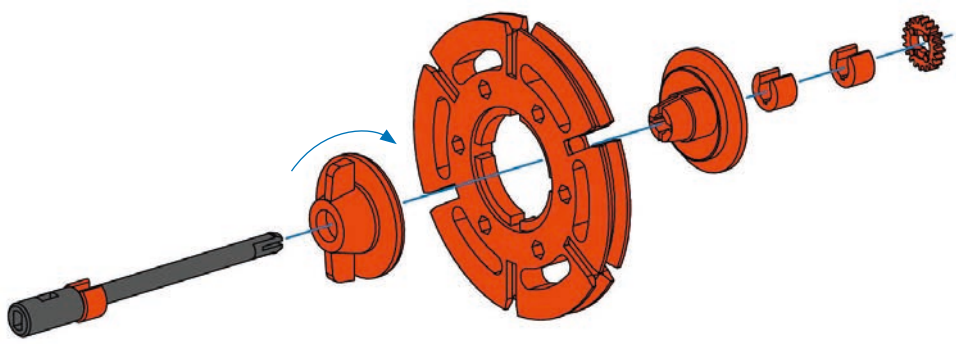


**16**  1x  2x  1x  1x

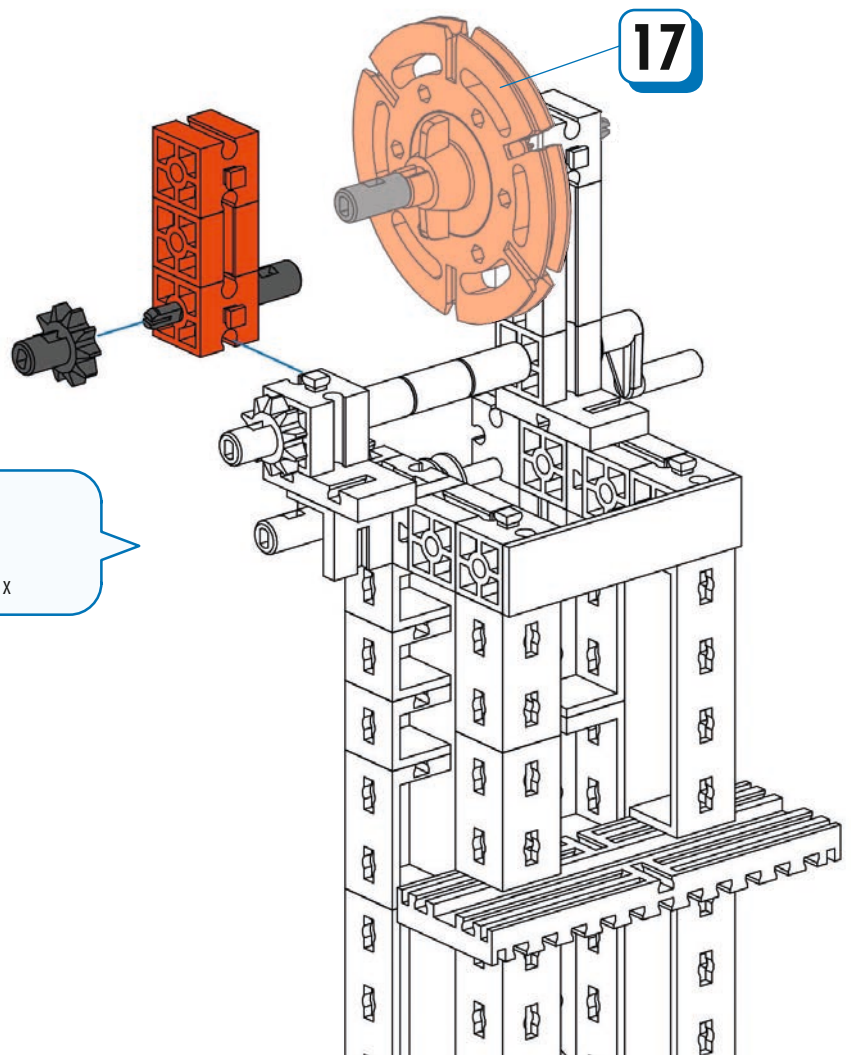
**17**  1x  1x  1x  1x  1x





 3x  1x

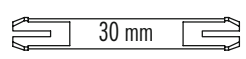
 60 mm







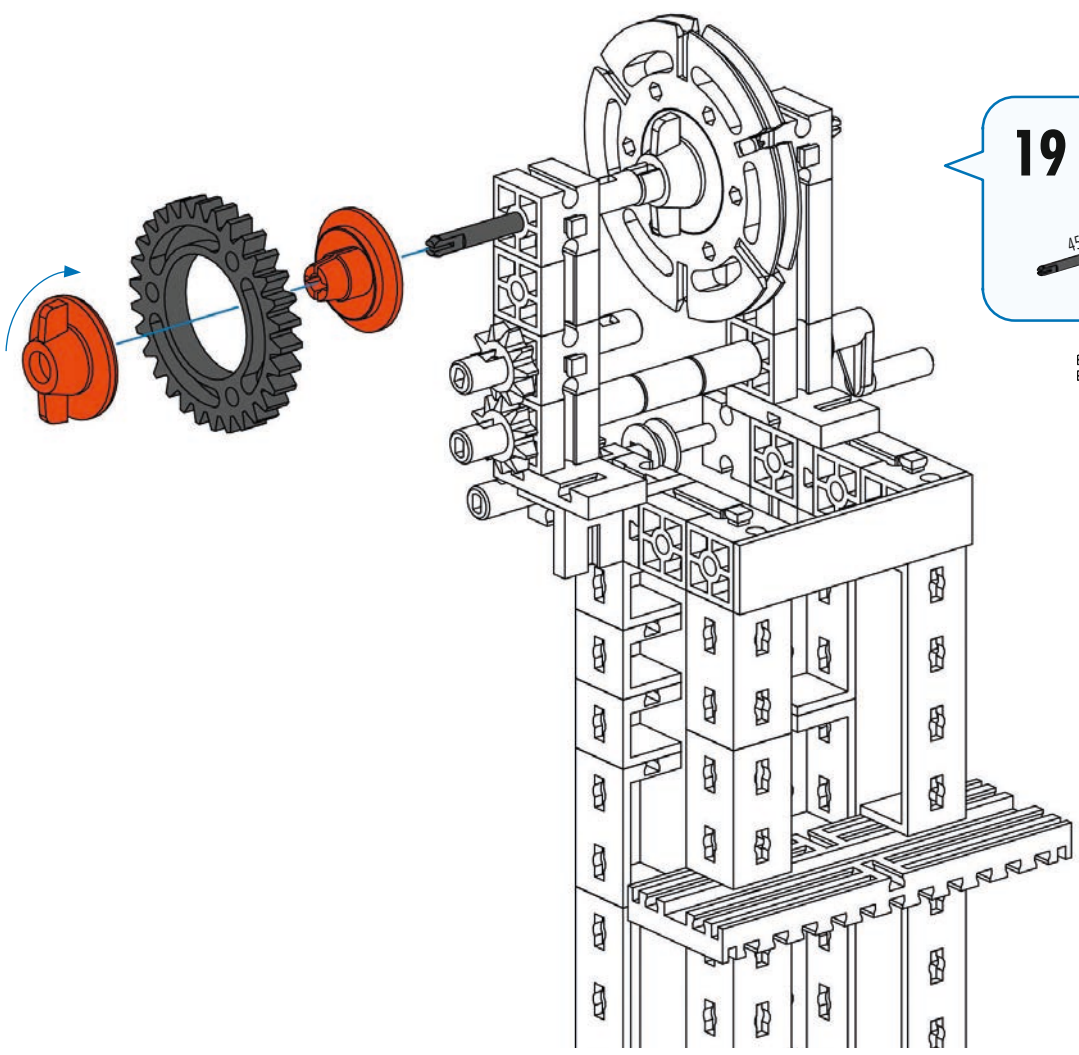
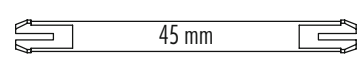
17

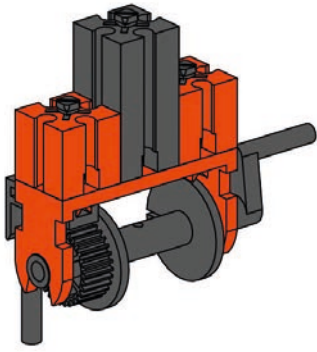


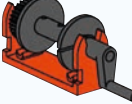



**18**  3x  1x  1x  1x







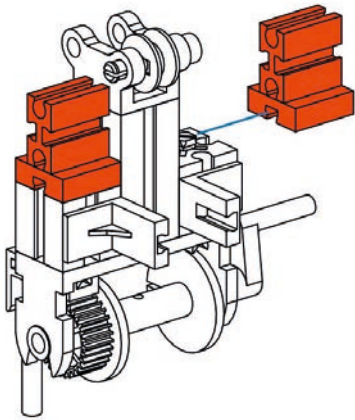
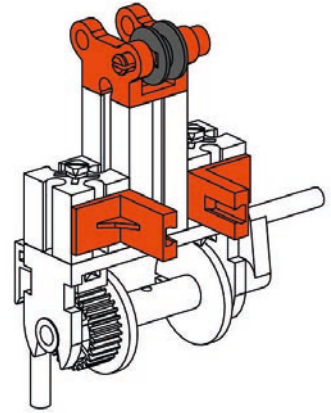
**19**  1x  1x  1x  1x





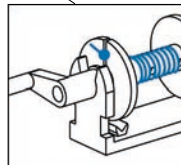
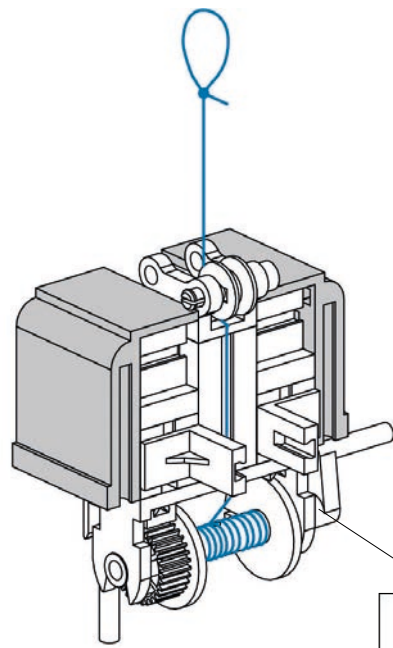



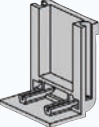
**20**  1x  1x  1x  2x

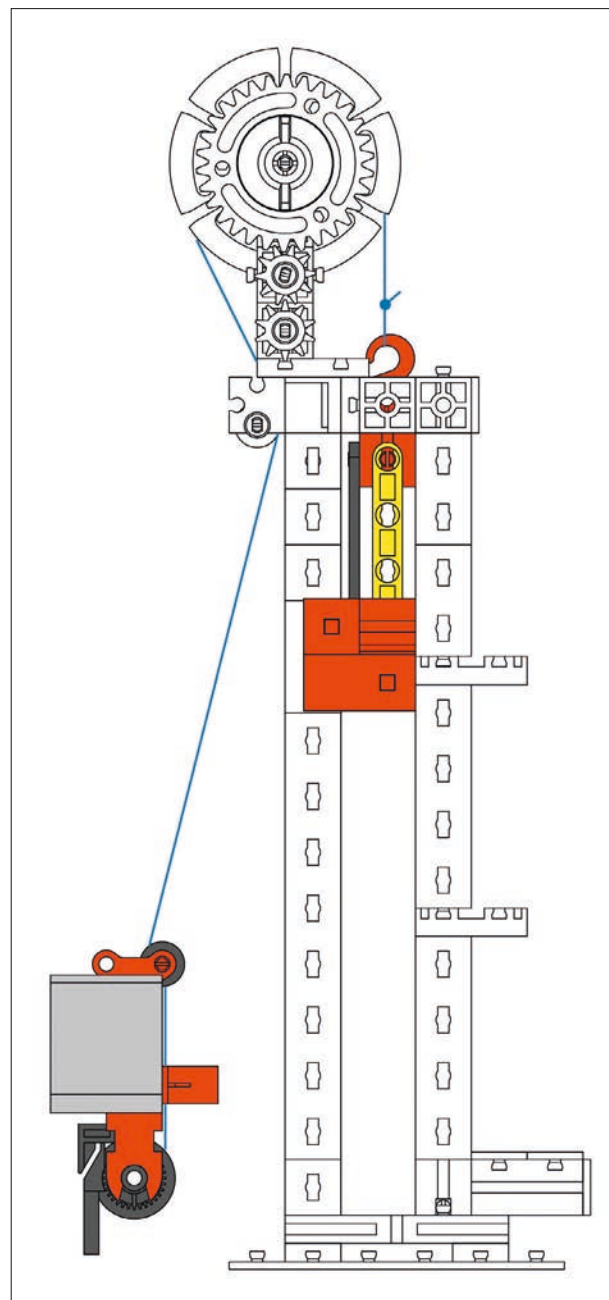
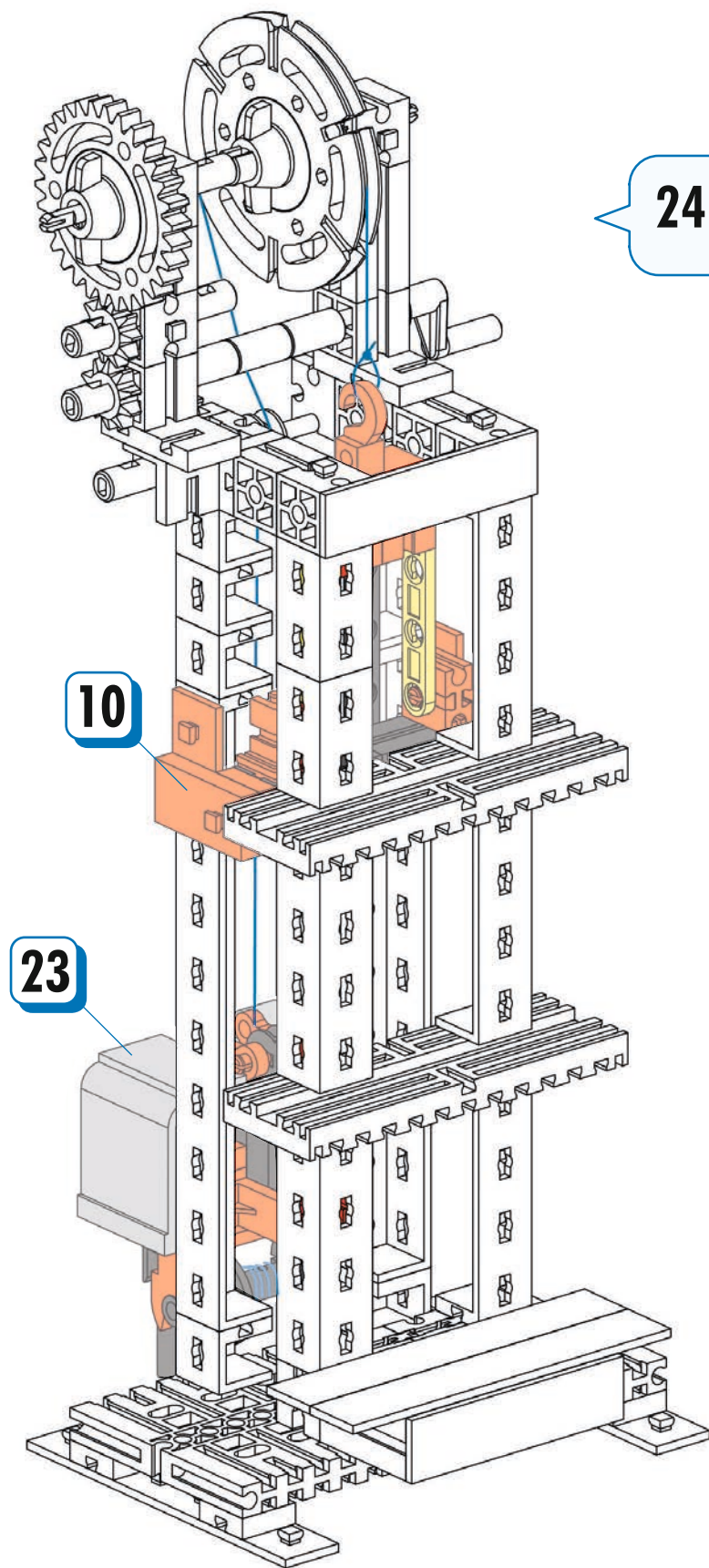
**21**  1x  1x  1x  2x



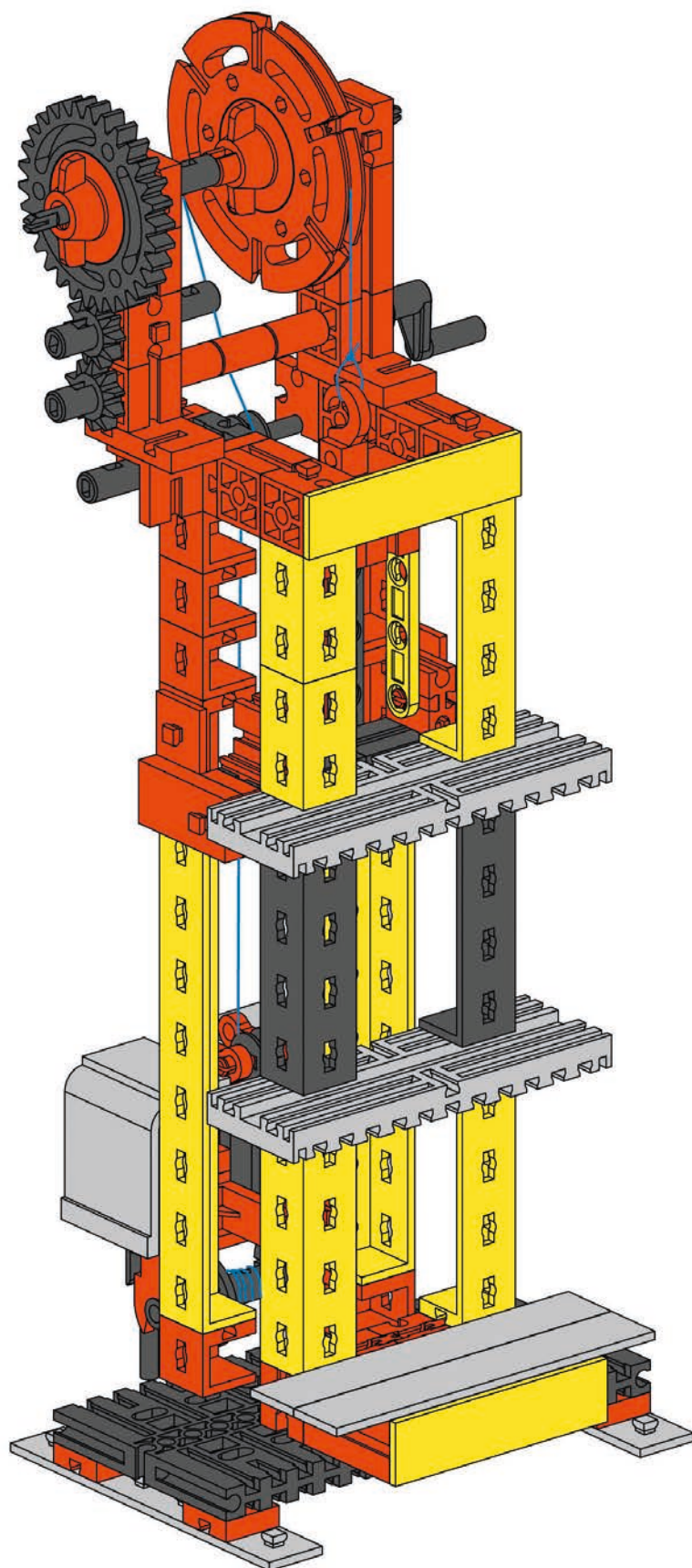
**22**  2x  2x



**23**  1x  2x



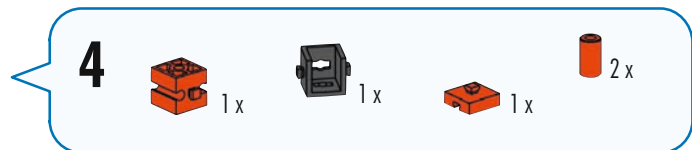
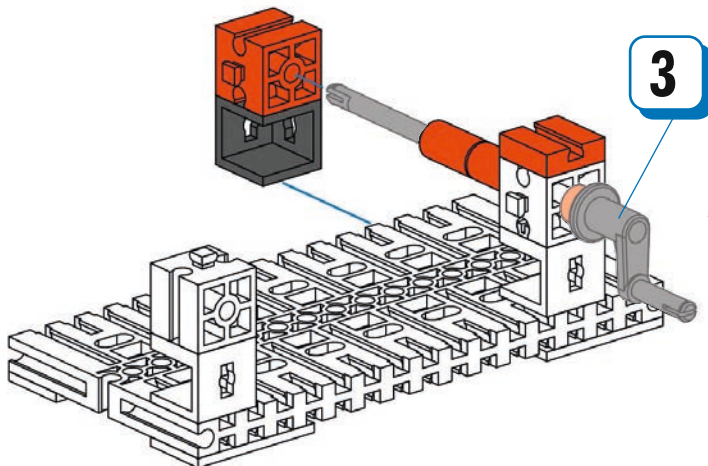
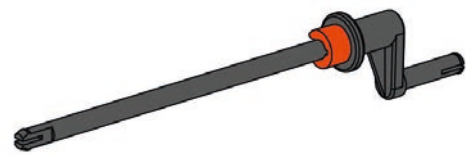
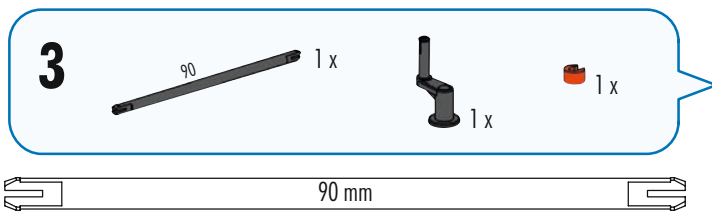
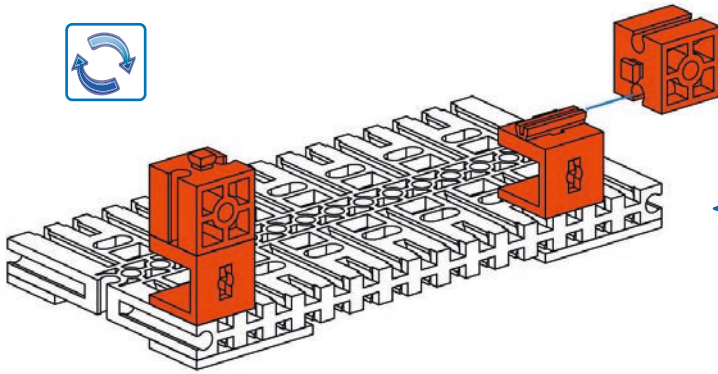
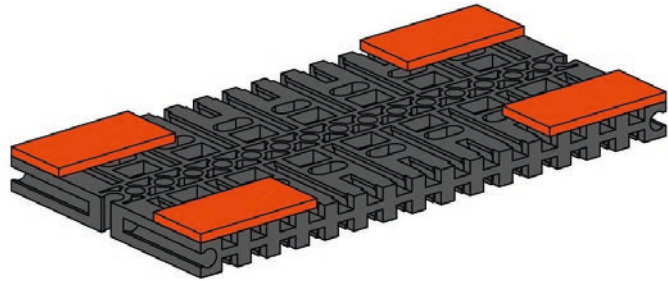
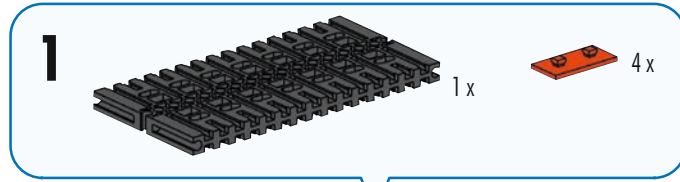
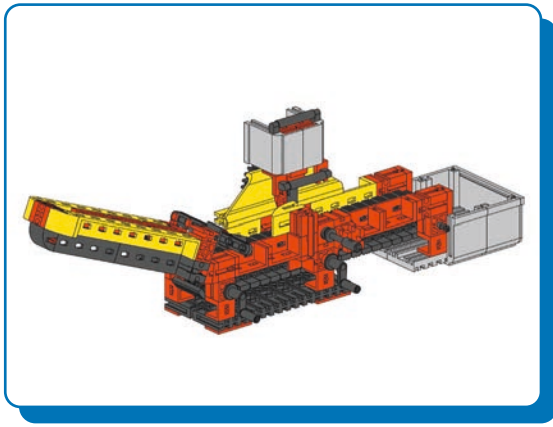


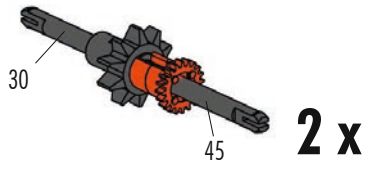


Bearbeitungszentrum  
Machining center  
Centre d'usinage

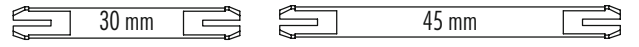
Bewerkingscentrum  
Centro de mecanizado  
Centro de  
processamento

Centro di lavorazione  
Обрабатывающий  
центр  
加工中心

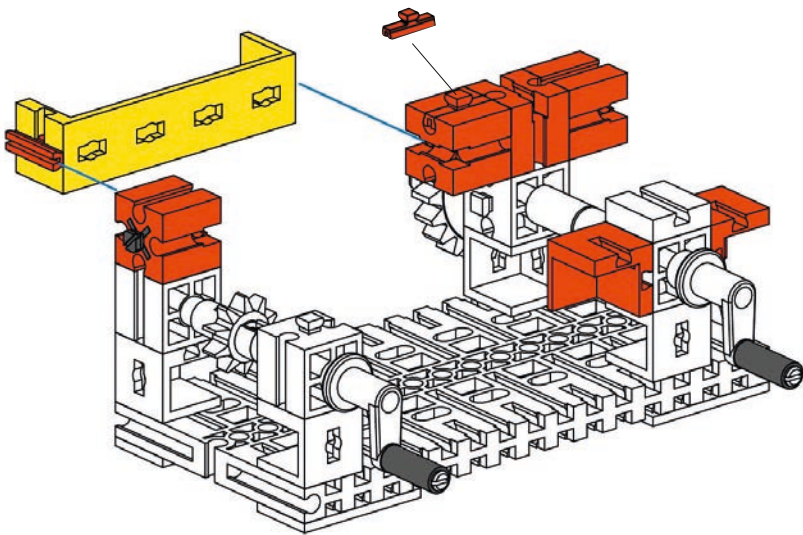
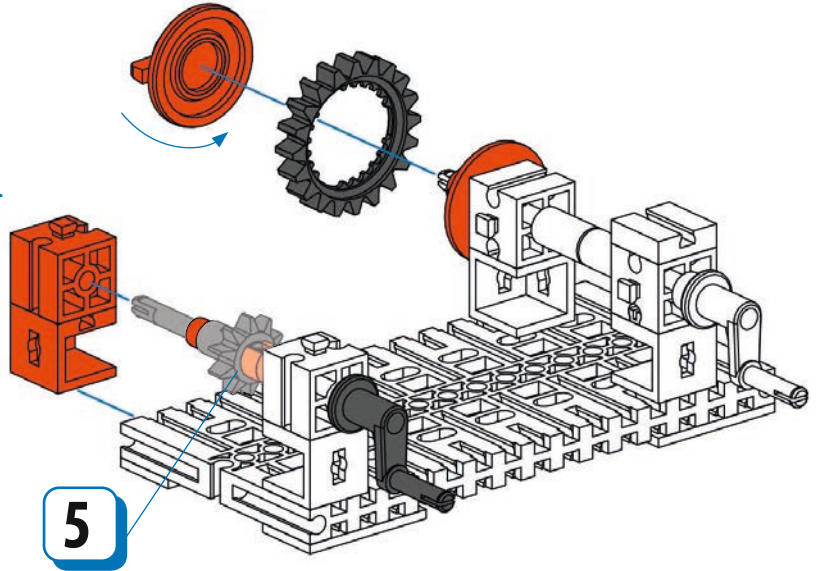




- 5** 2x 2x 2x 4x 2x 2x

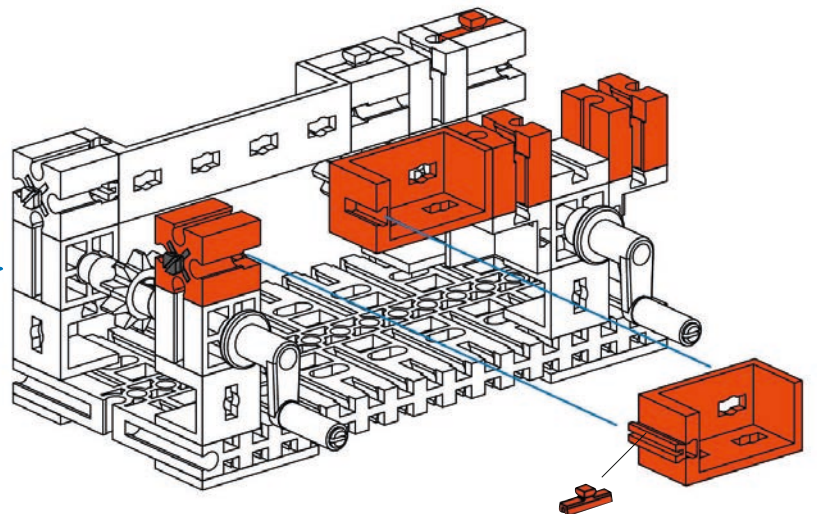


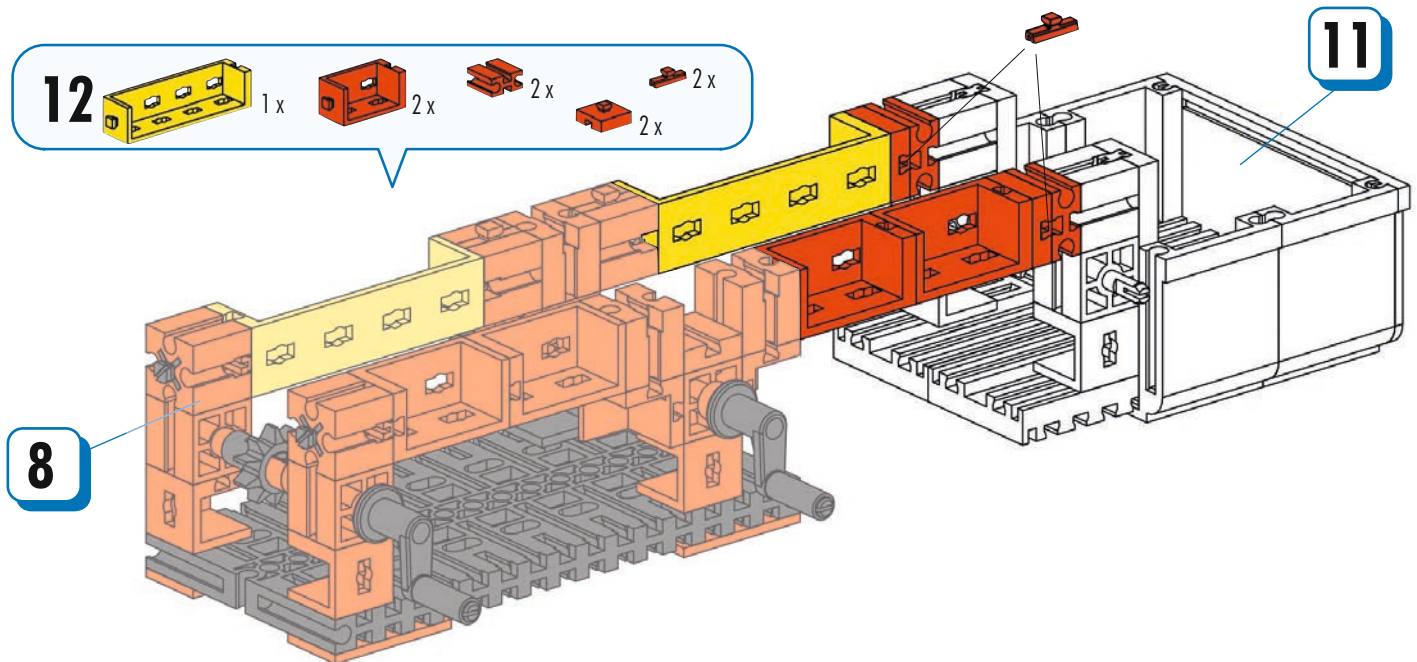
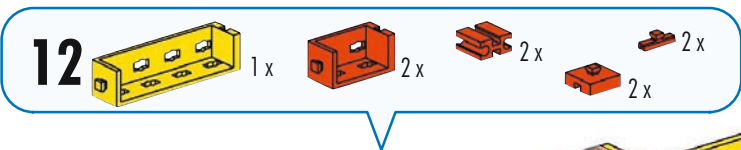
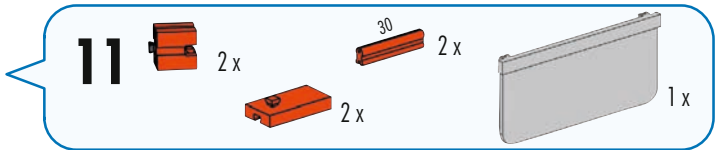
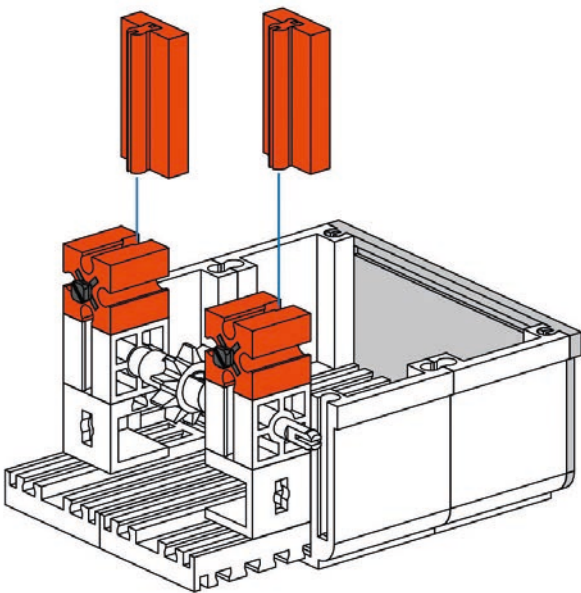
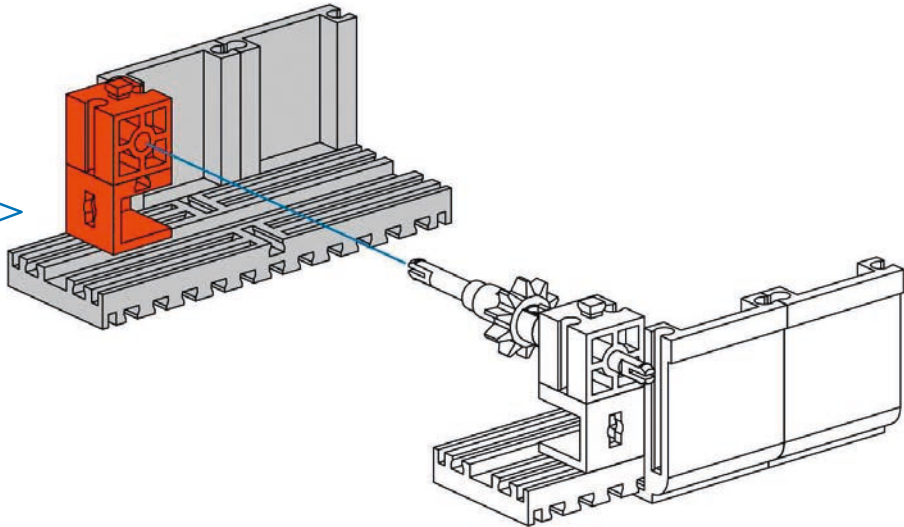
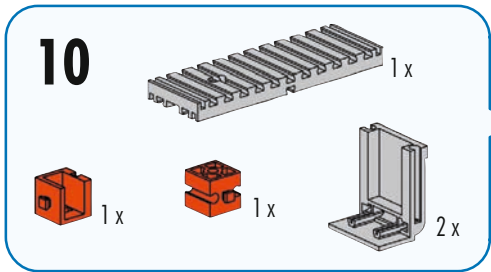
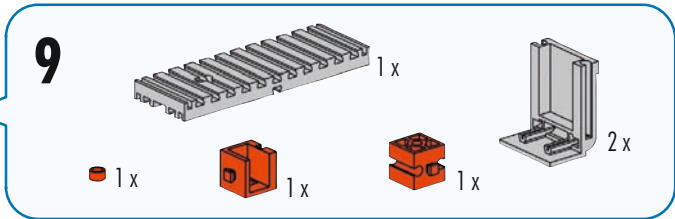
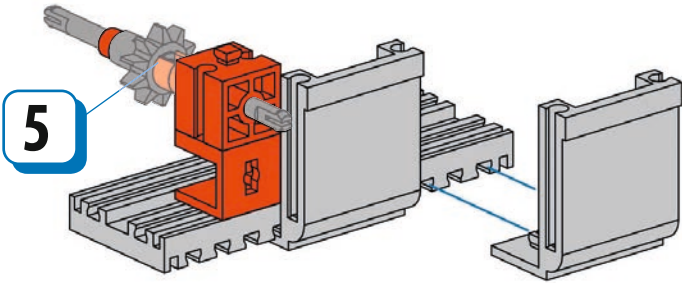
- 6** 1x 1x 1x 1x 1x 1x 1x

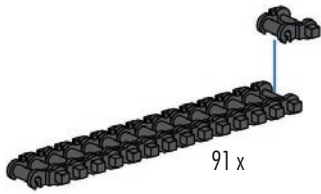


- 7** 4x 2x 2x 1x 2x

- 8** 3x 2x 2x







13

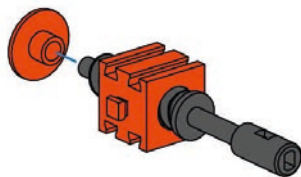
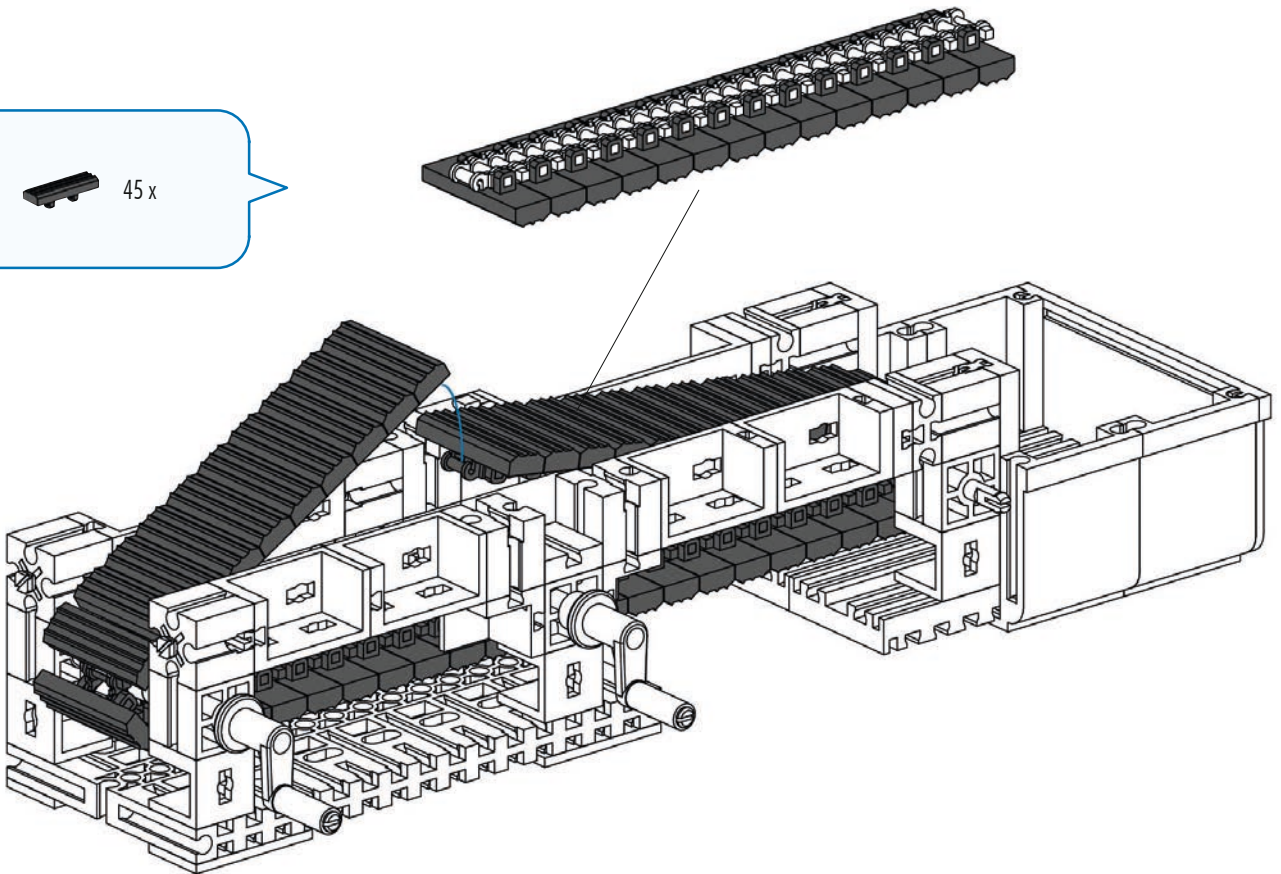


91 x

14



45 x



15



1 x



1 x



1 x



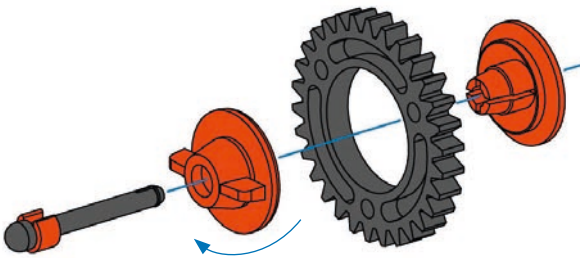
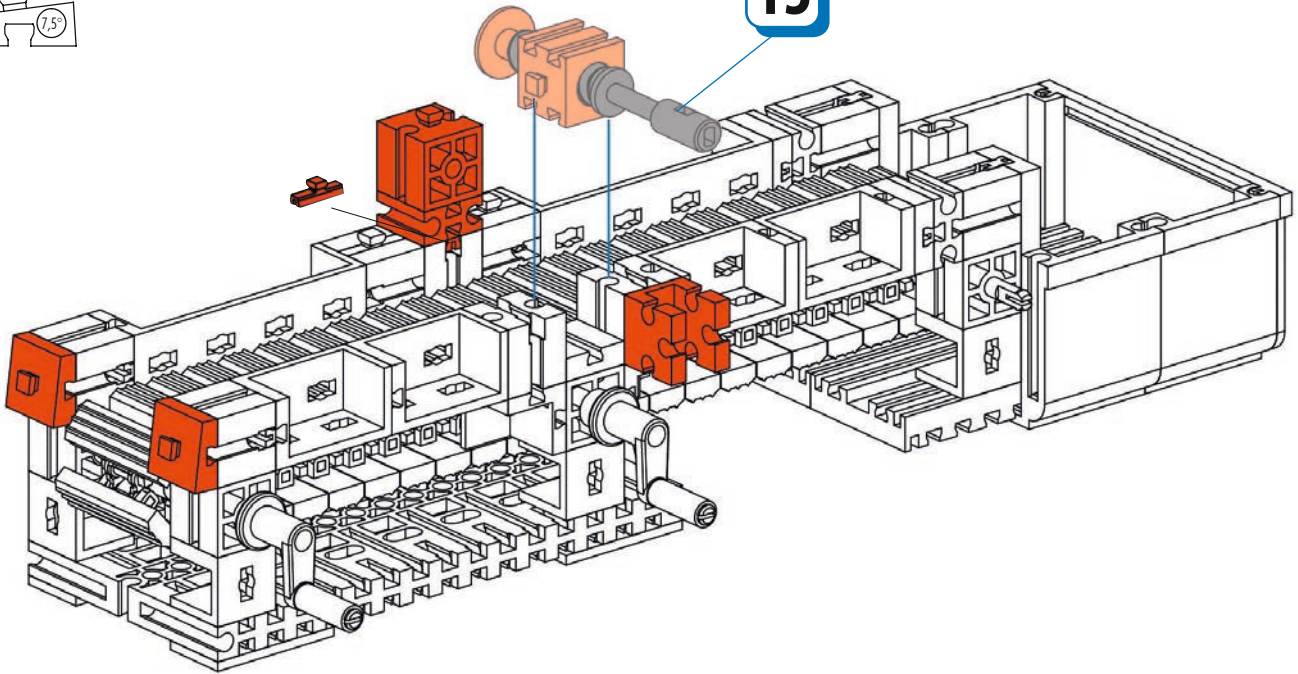
1 x

16

- 7.5° 2x
- 1x
- 1x
- 1x
- 1x



15



17

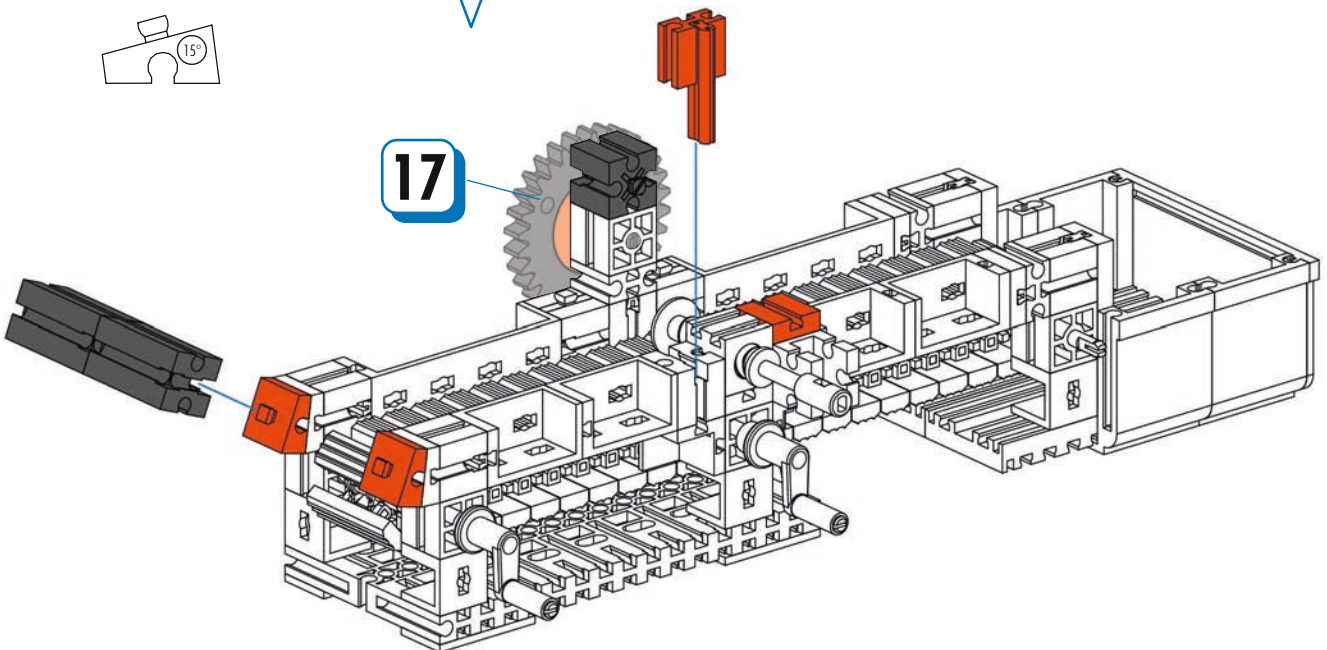
- 1x
- 1x
- 1x
- 1x
- 1x

18

- 2x
- 1x
- 15° 2x
- 1x
- 1x
- 30 1x

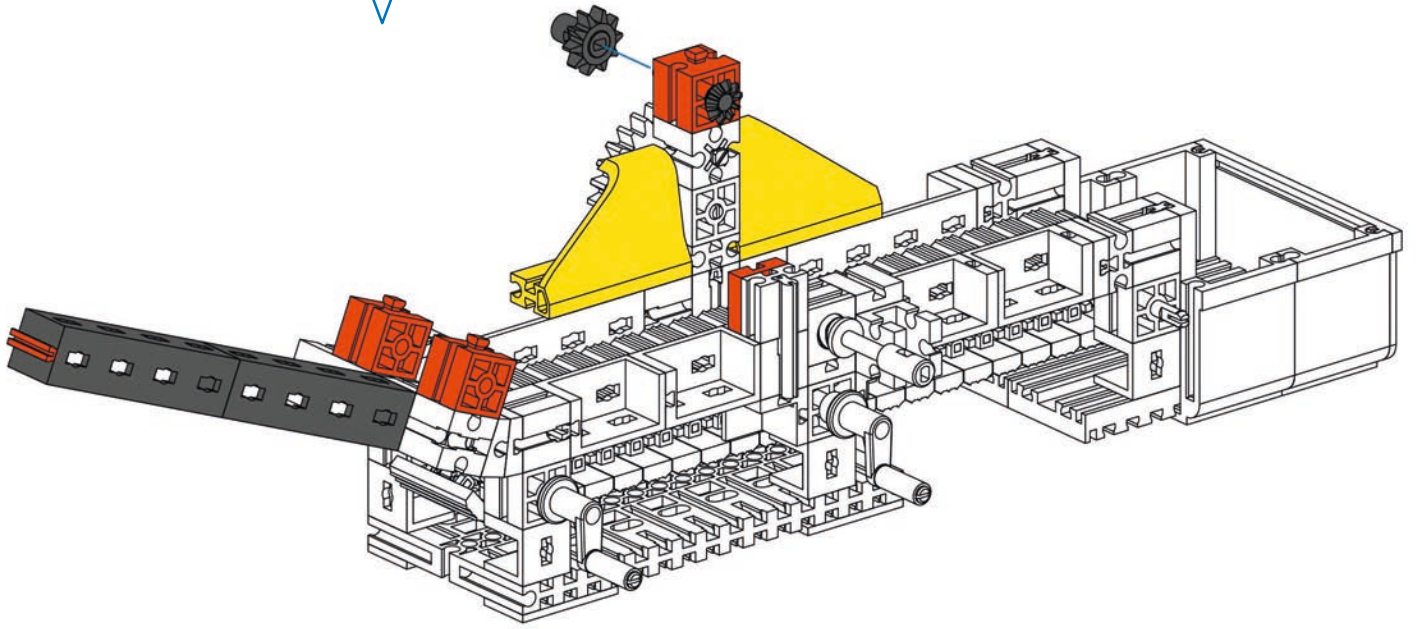


17



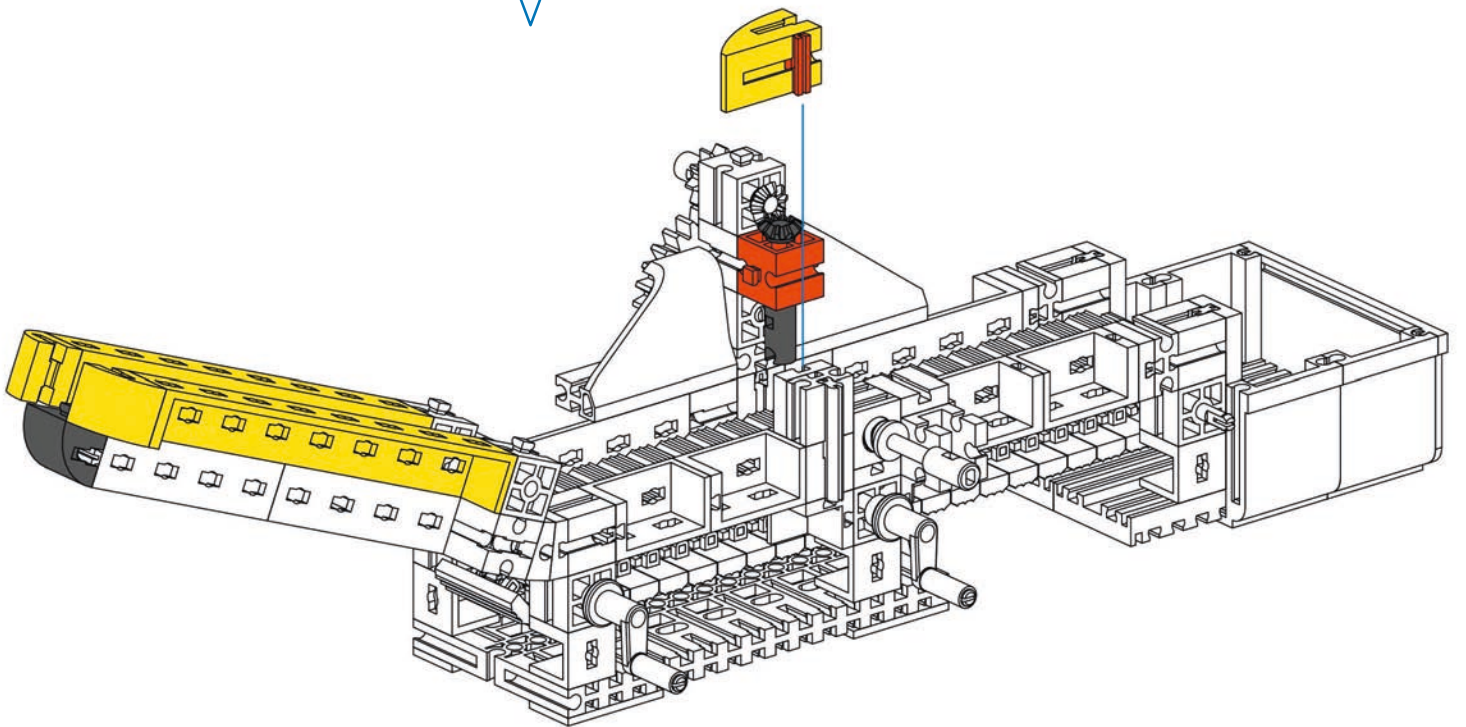
19

- 2x
- 3x
- 1x
- 1x
- 1x
- 1x
- 1x
- 1x
- 1x



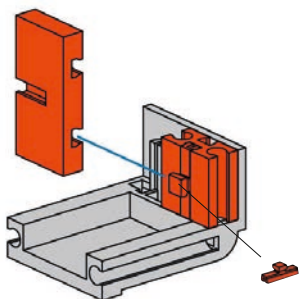
20

- 1x
- 2x
- 1x
- 1x
- 1x
- 1x
- 1x
- 2x

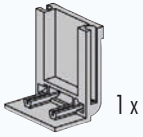


21

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



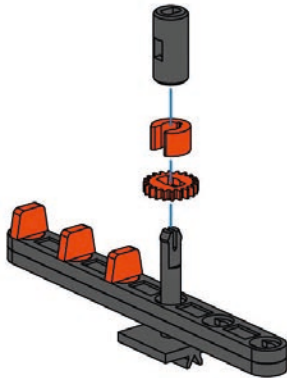
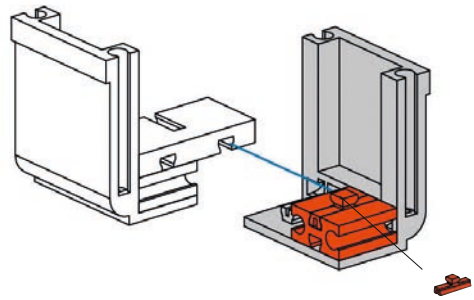
22



1x

1x

1x



23



1x



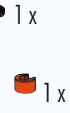
1x



3x



1x



1x

24



1x



3x

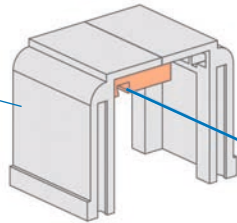


1x

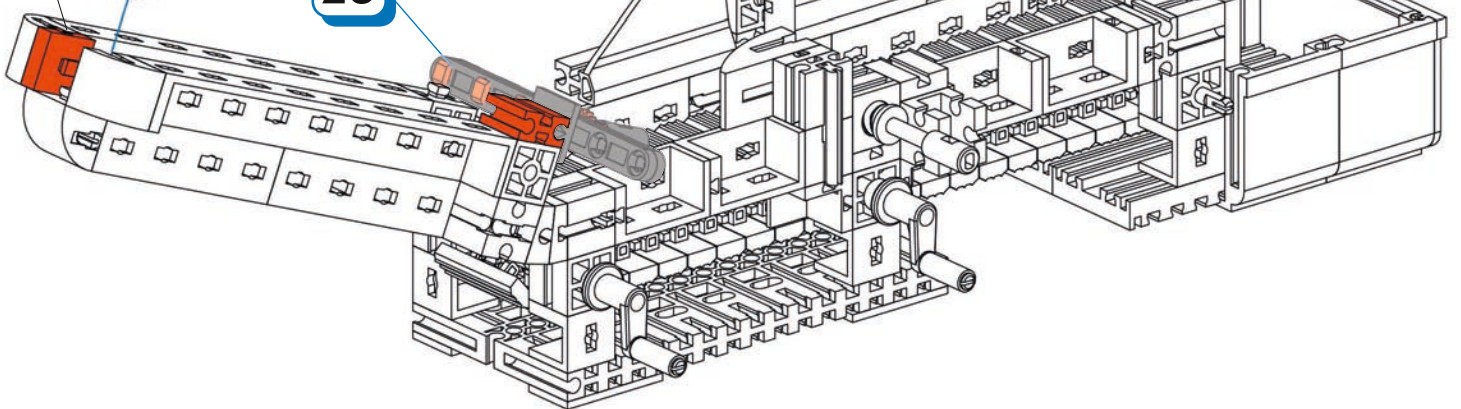
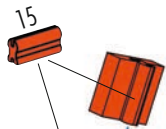


2x





22

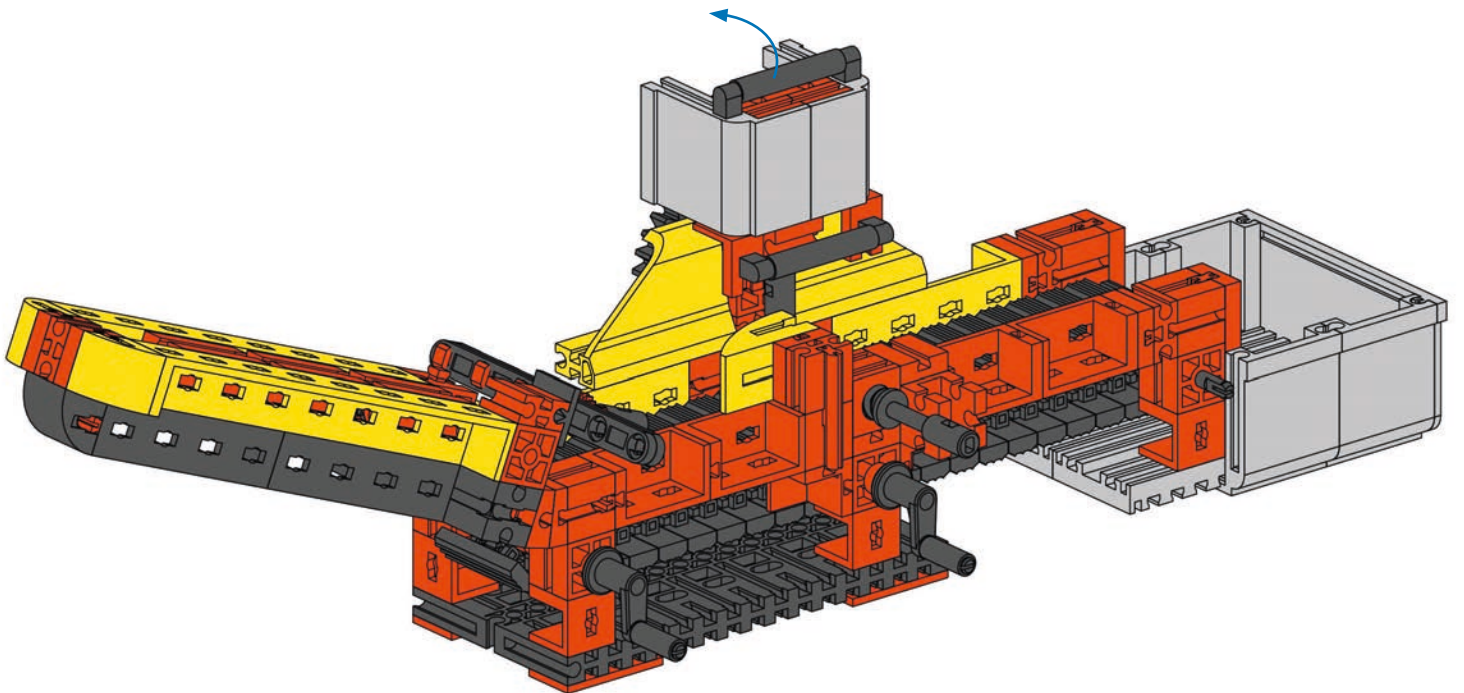
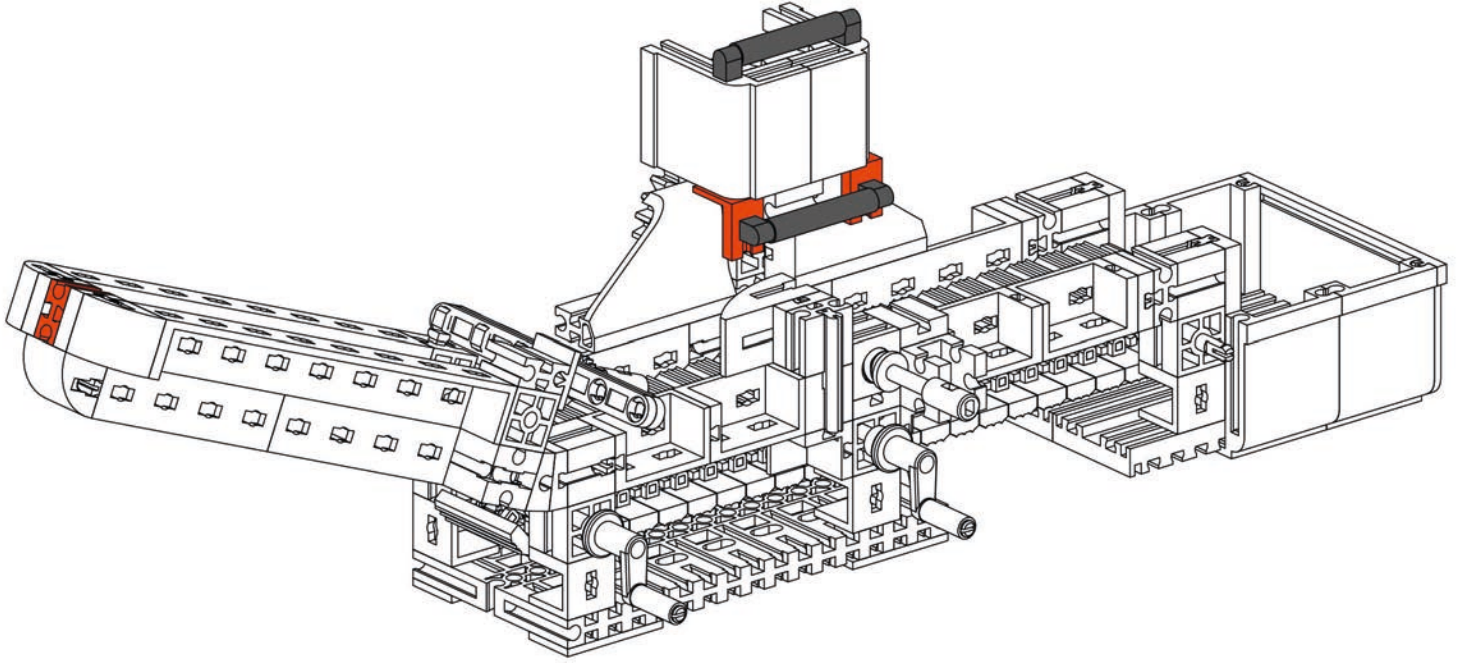


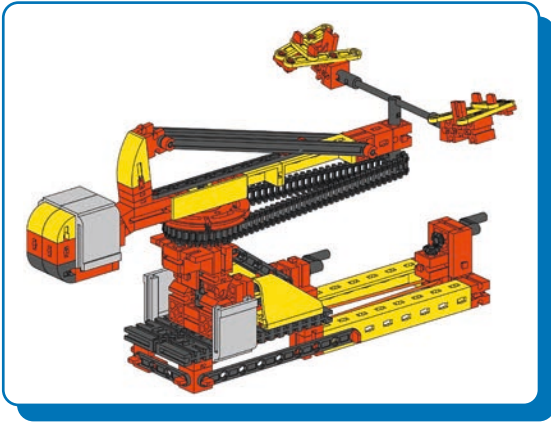
23





**25**  1x  2x  4x  2x

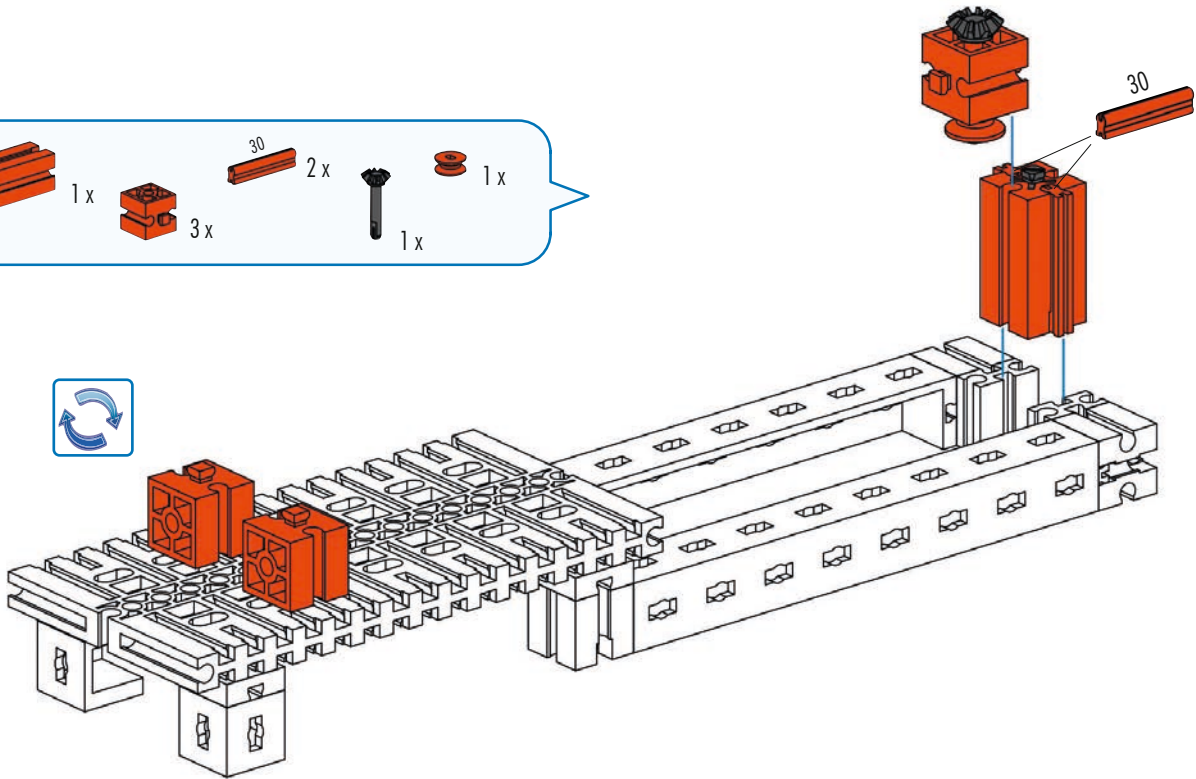
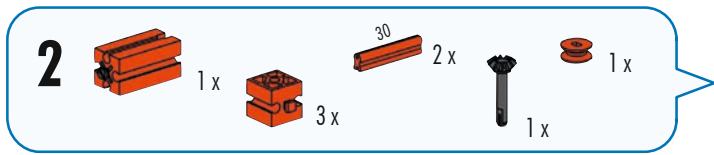
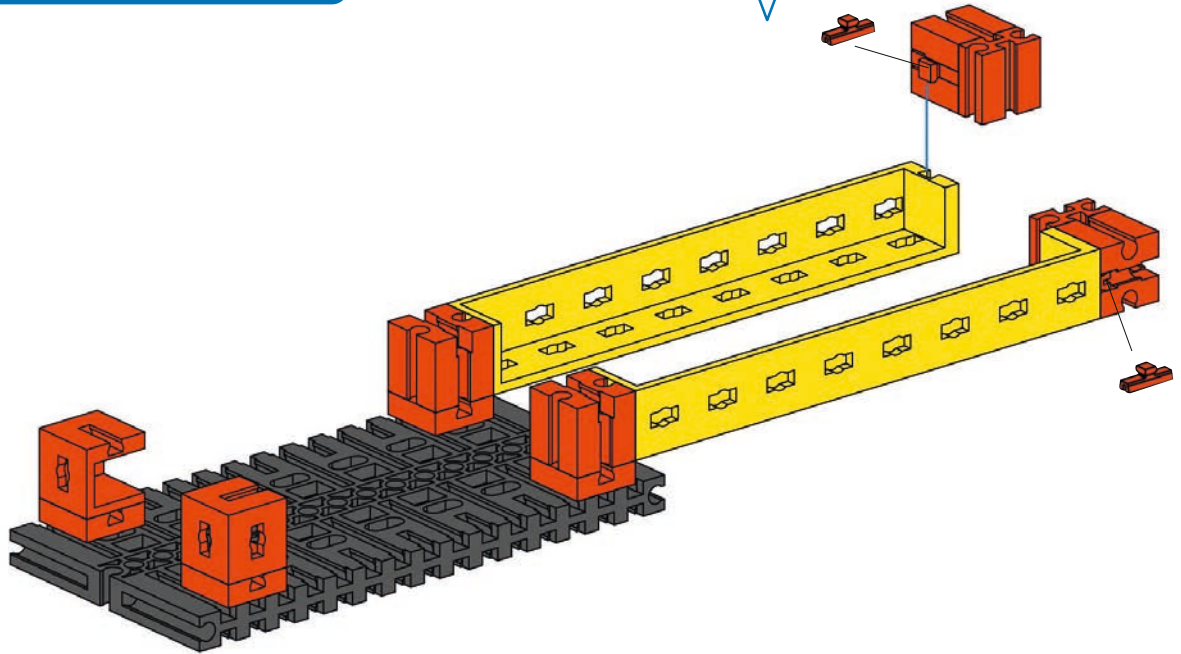
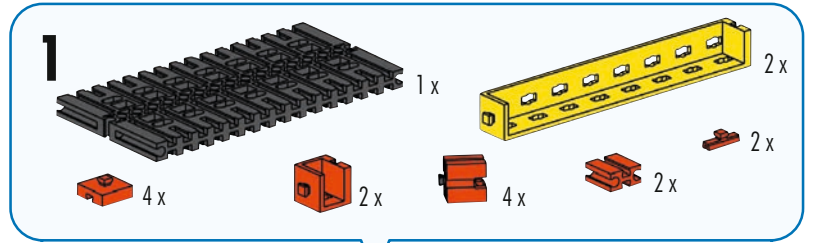




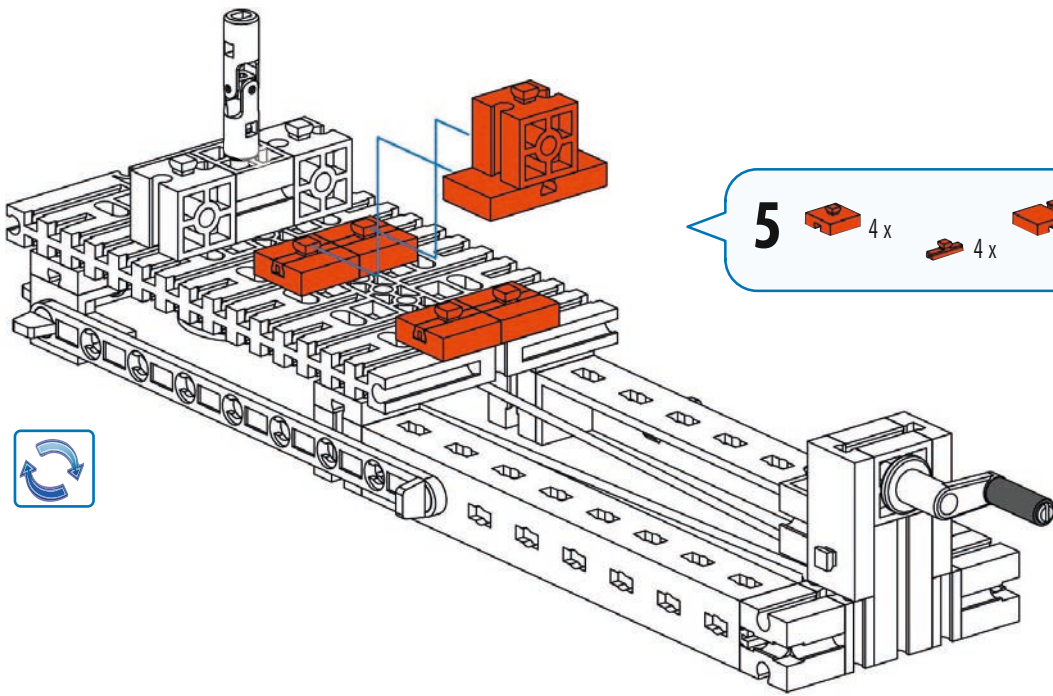
Flugzeugkarussell  
Airplane merry-  
go-round  
Manège avions






Draaimolen met  
vliegtuigjes  
Tiovivo de aviones  
Carrocel de aviões

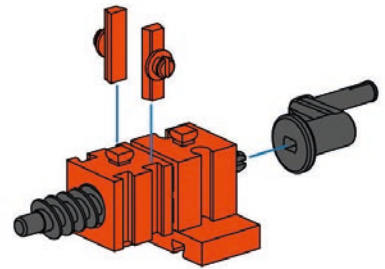
Giostra con aerei  
Карусель с  
самолётами  
旋转飞机














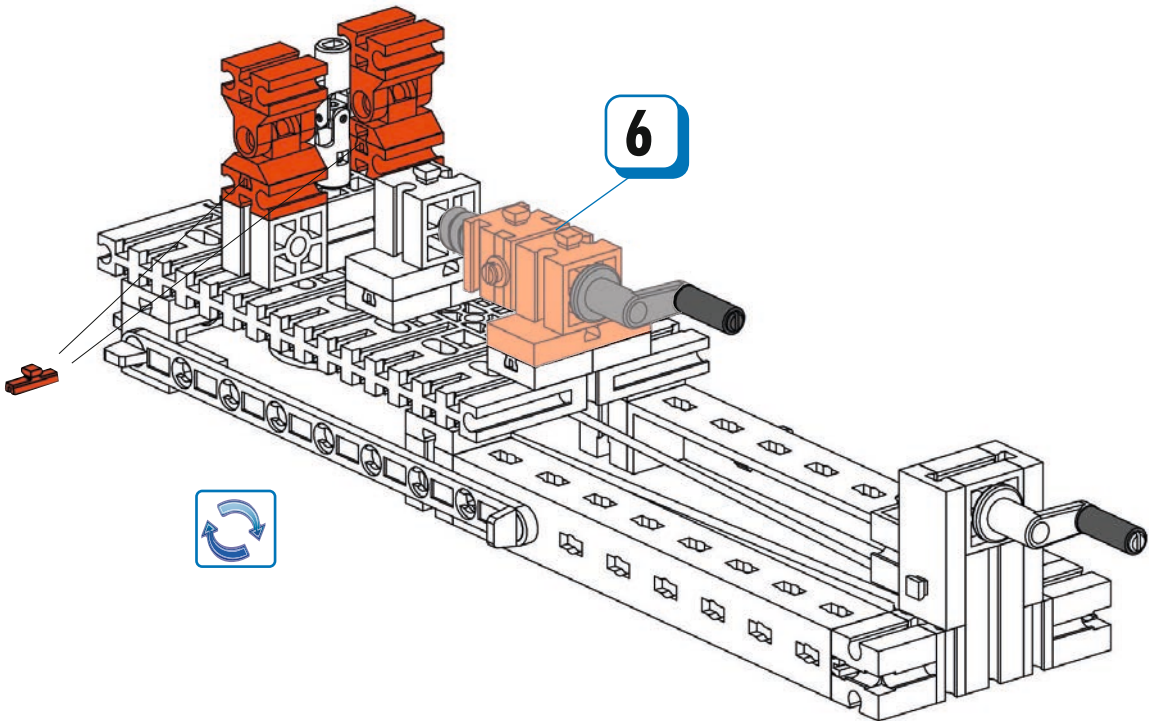


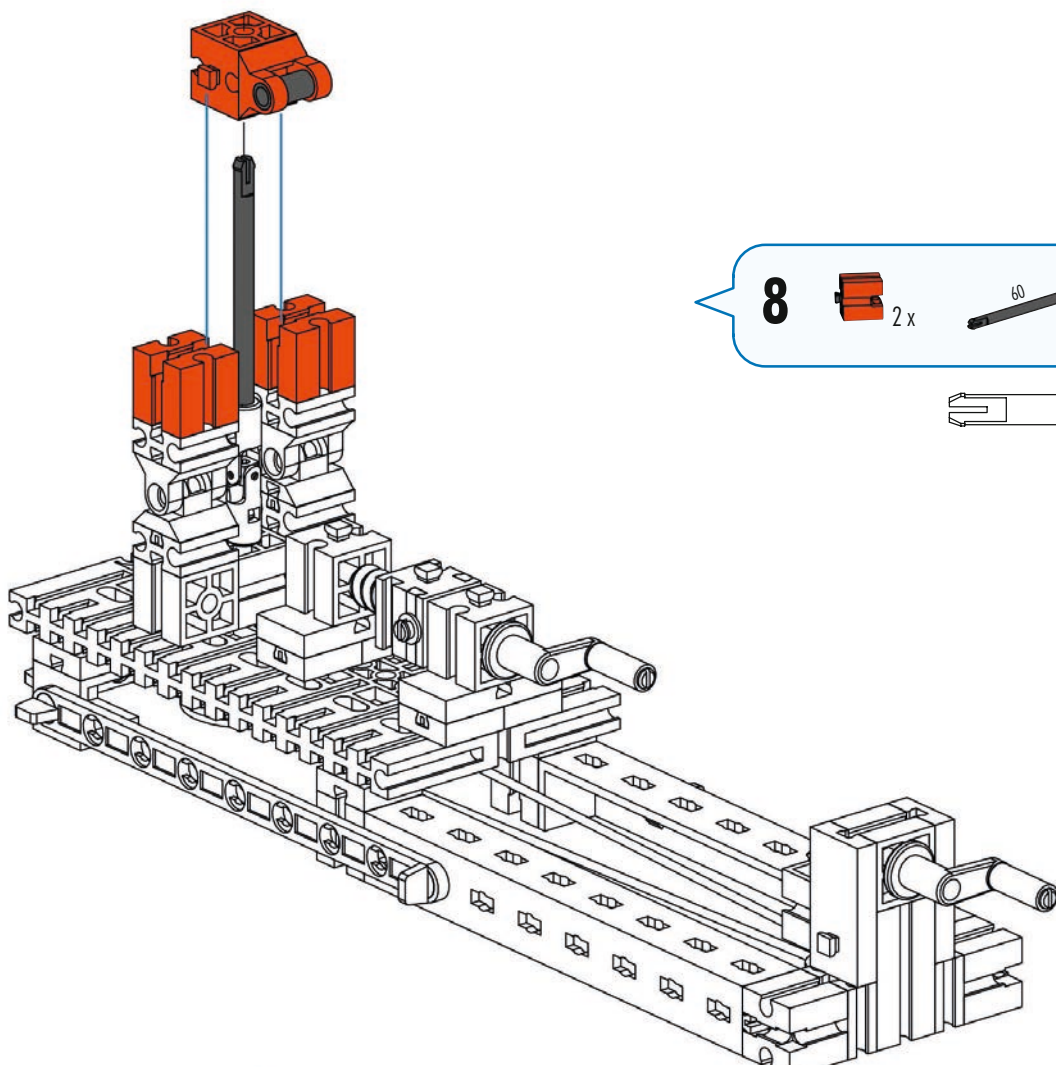
- 5**  4x  4x  1x  1x  1x







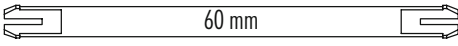
- 6**  1x  1x  1x  1x  2x

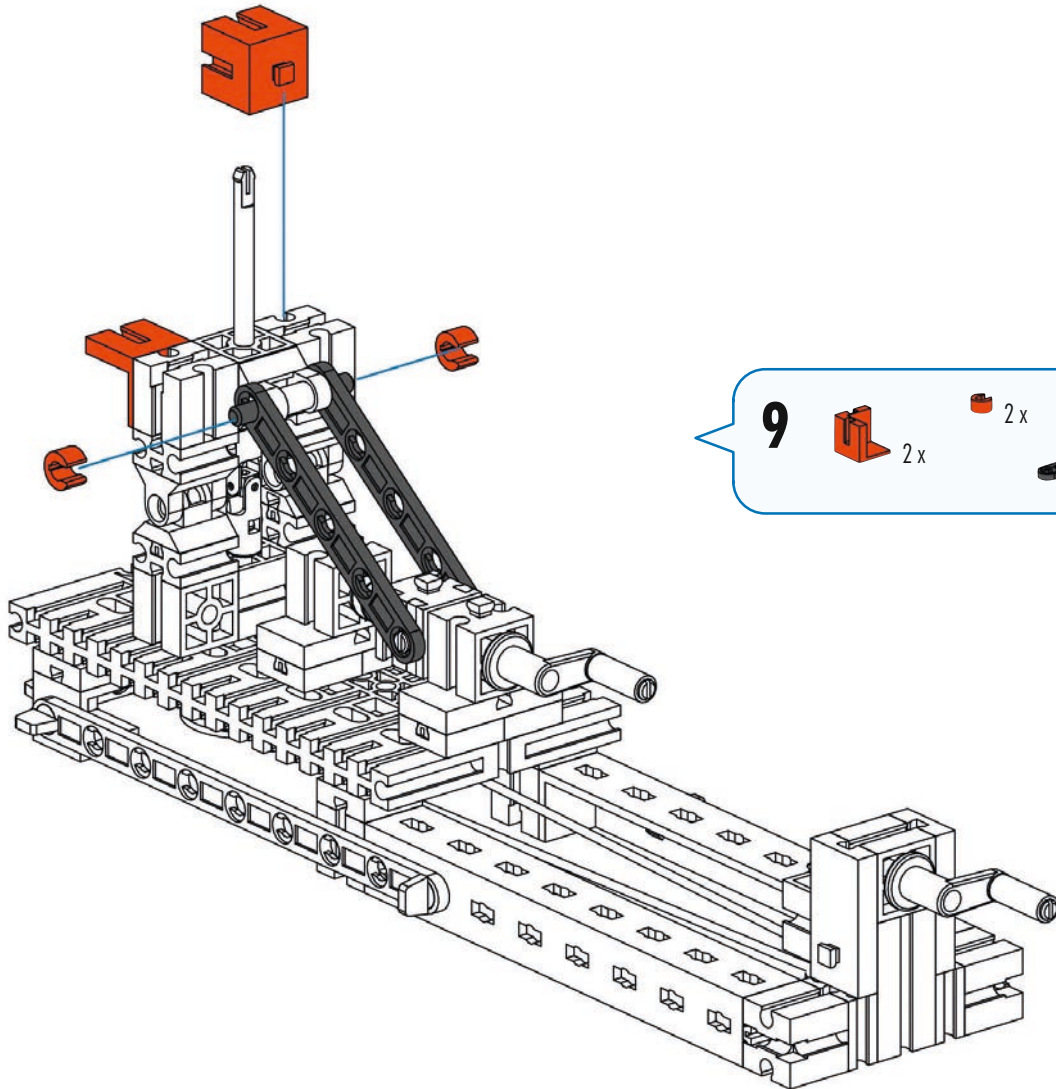
- 7**  2x  4x  2x  2x







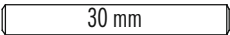


**8**  2x  1x  1x  1x

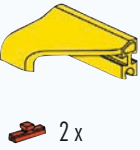
 60 mm



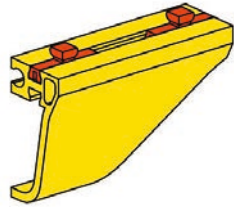
**9**  2x  2x  2x  1x

 30 mm


**10**



2x

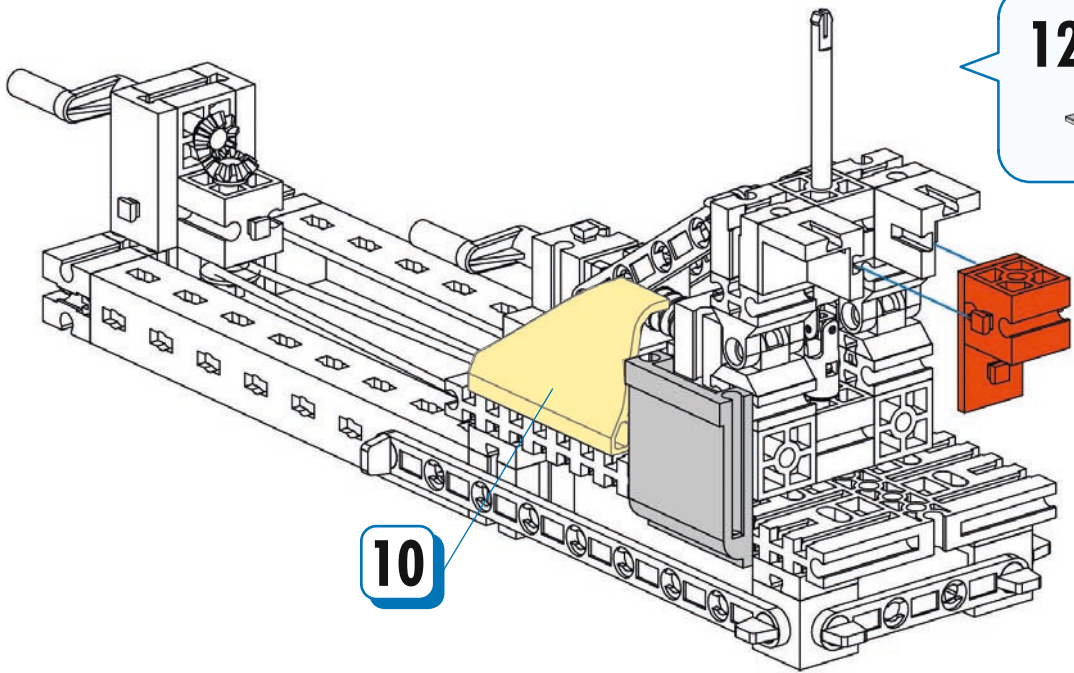
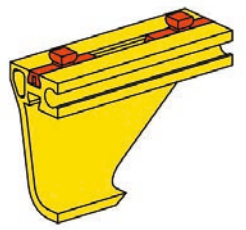


**11**

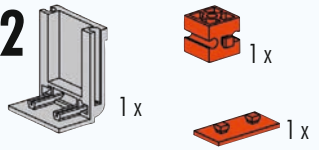


1x

2x



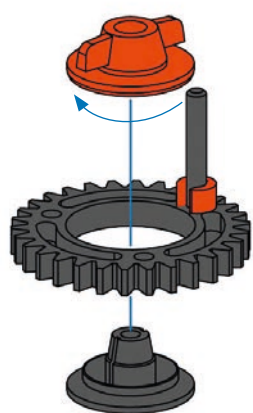
**12**



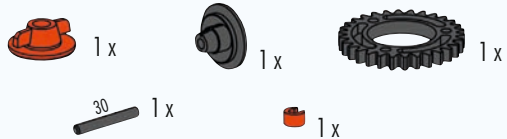
1x

1x

**10**



**13**



1x

1x

1x

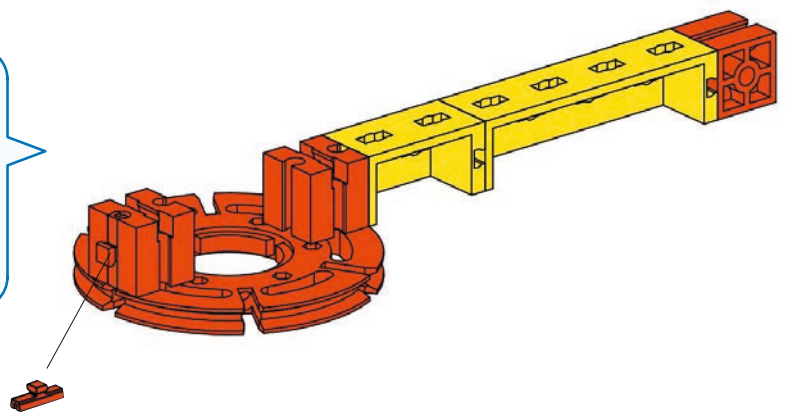
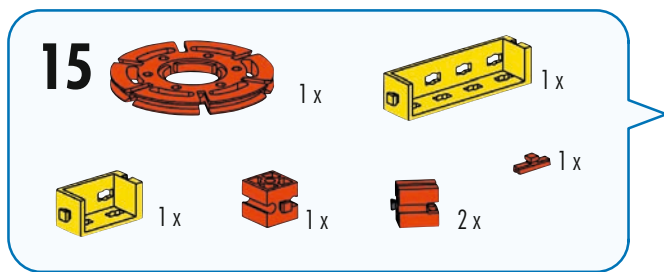
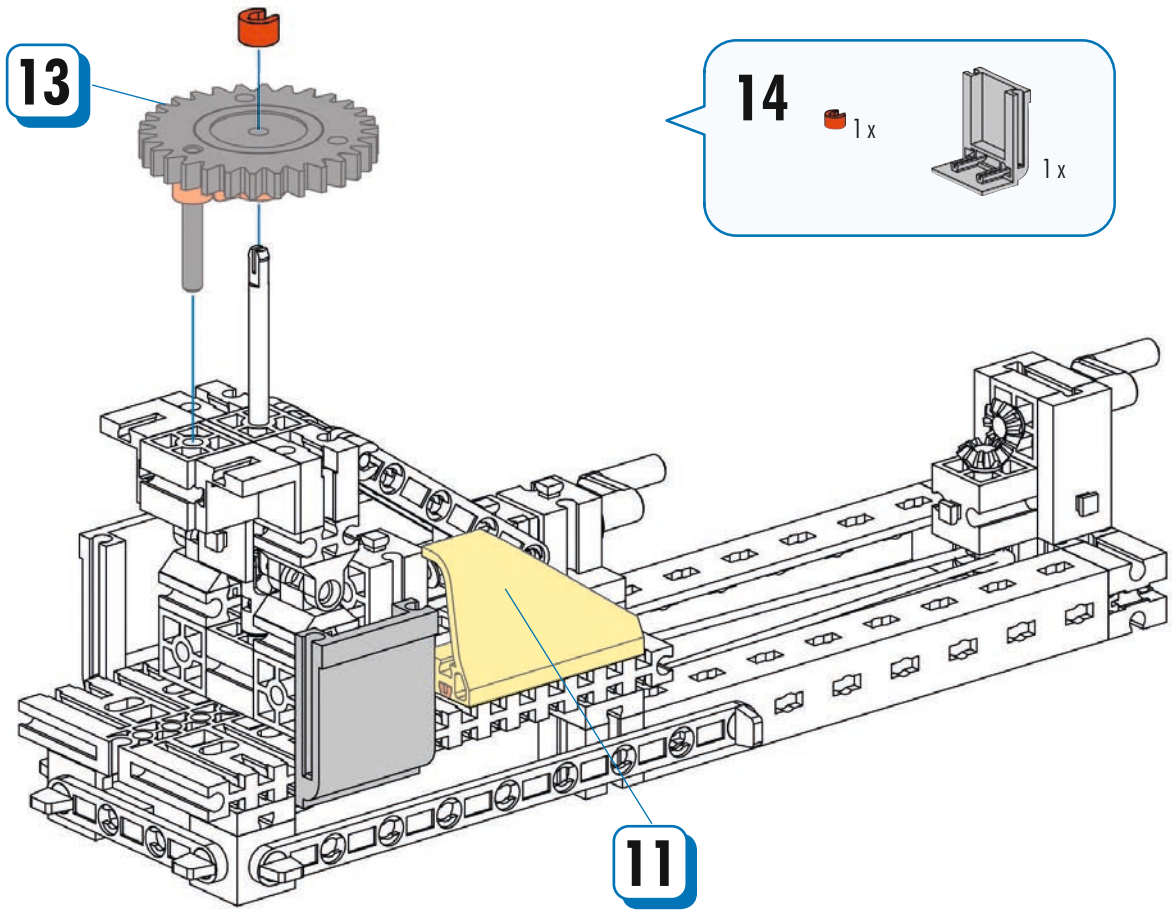
1x

30

1x

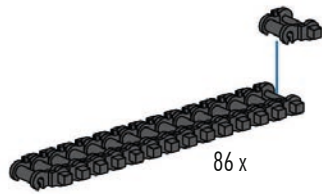
1x

30 mm







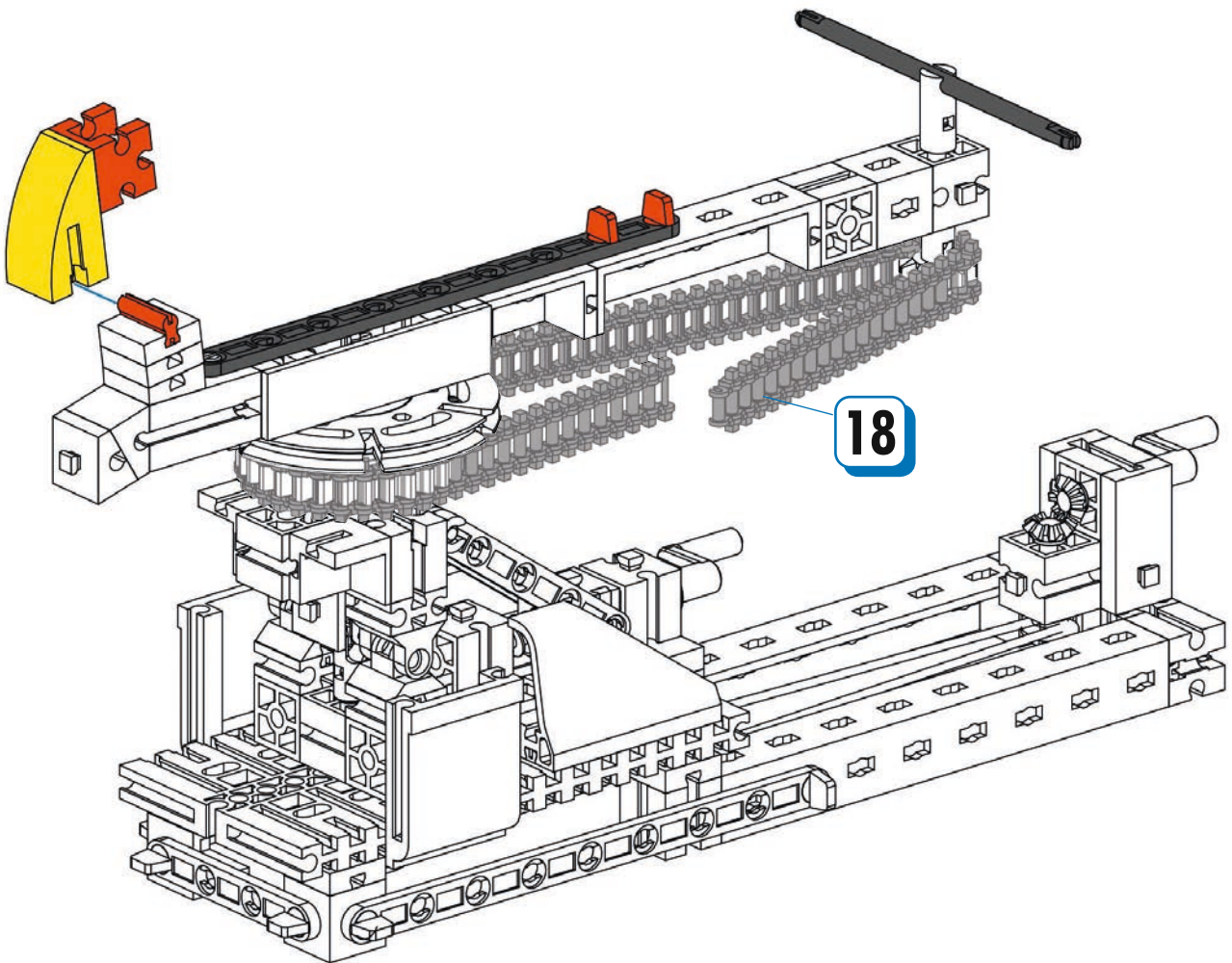
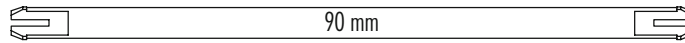


18

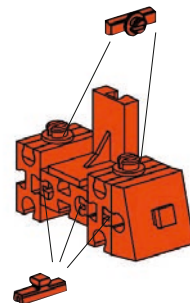


86 x

19



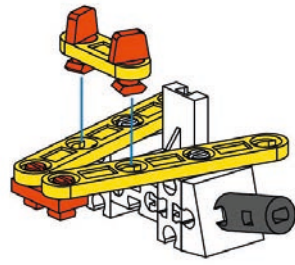
20



2 x

21

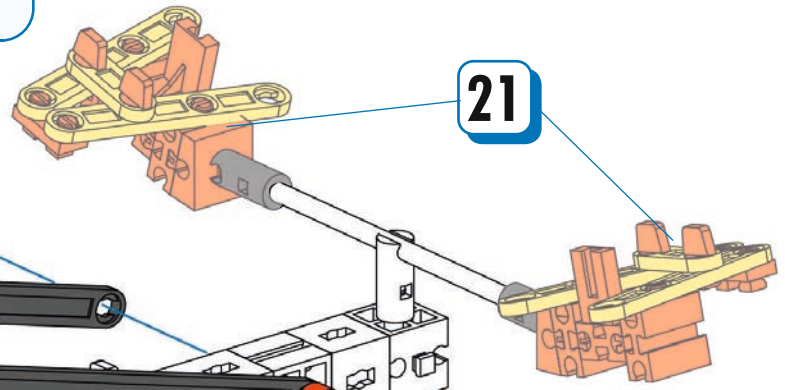
- 45 4 x
- 15 2 x
- A 4 x
- 2 x
- 2 x



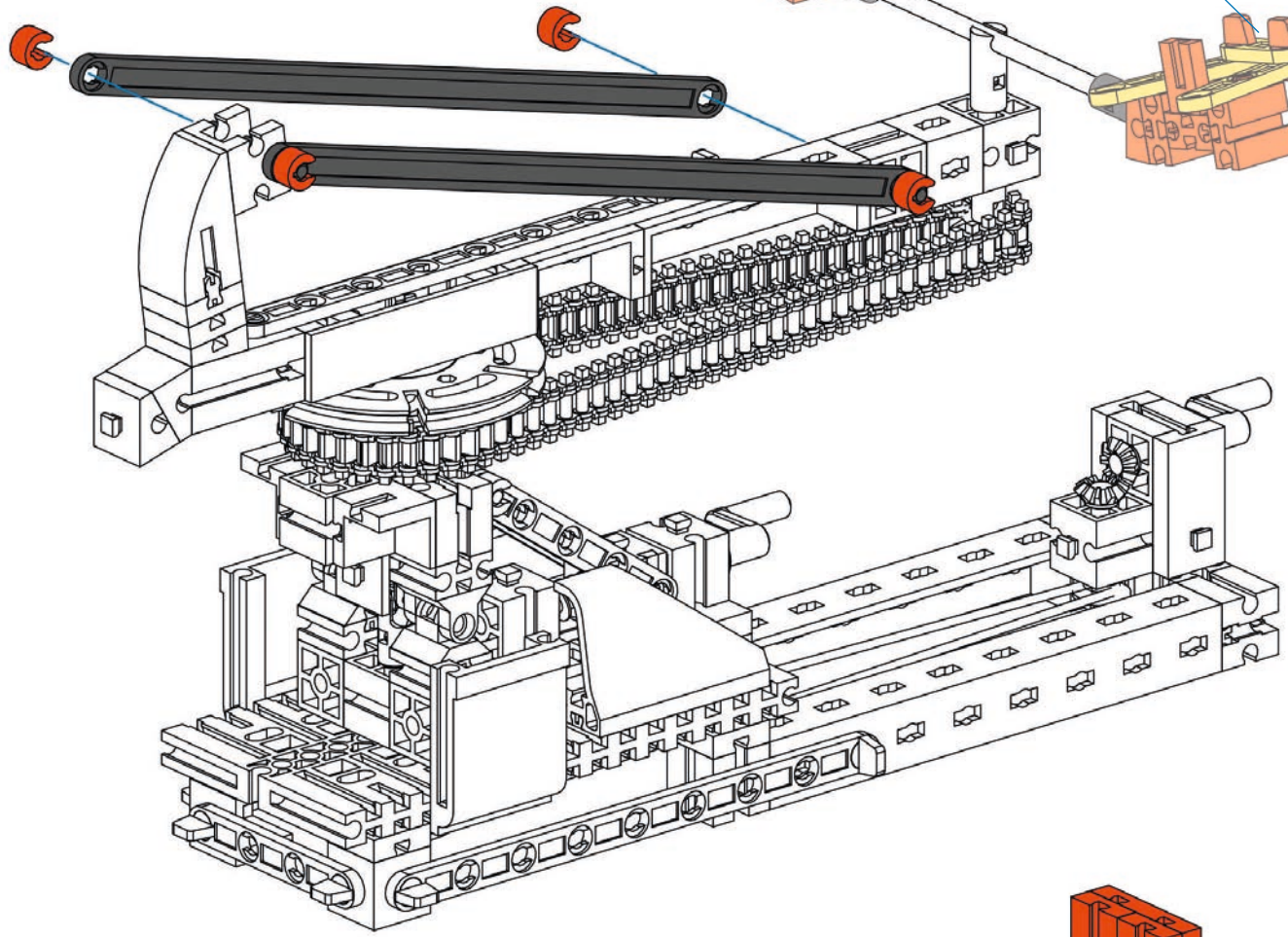
2 x

22

- 169.6 2 x
- 40 2 x
- 4 x

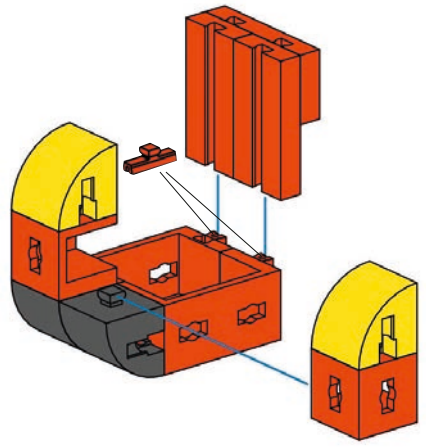


21



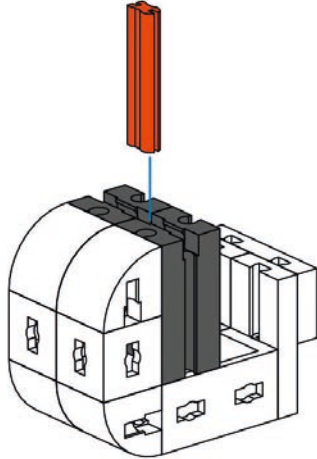
23

- 2 x
- 2 x
- 2 x
- 1 x
- 2 x
- 2 x
- 2 x
- 2 x



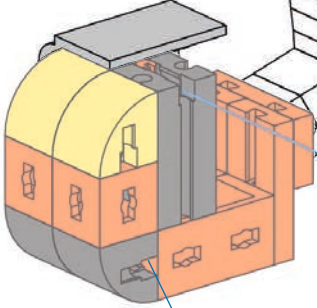
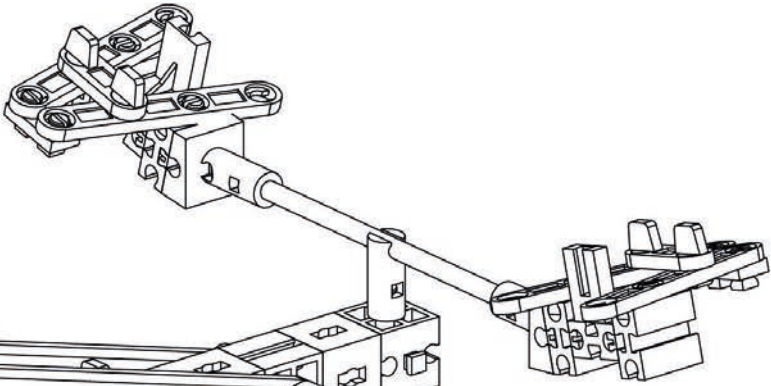
**24**

2 x      30      1 x

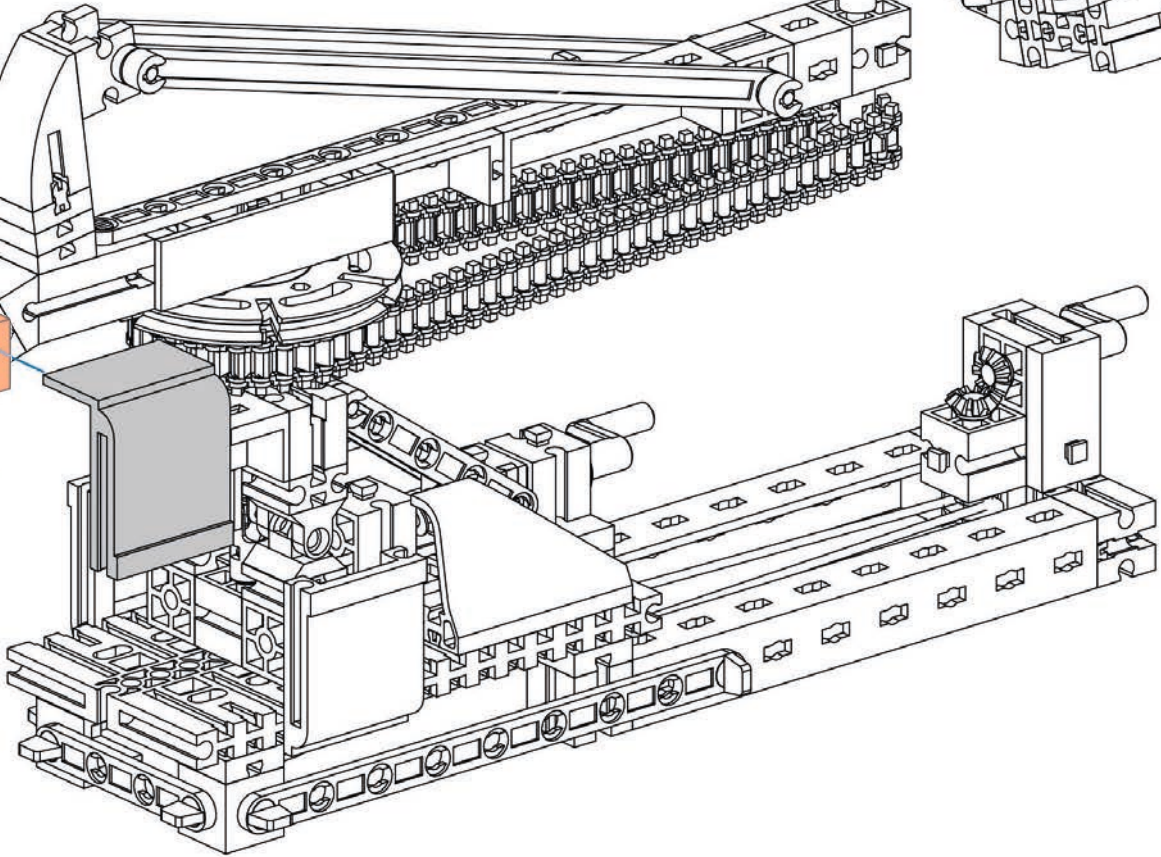


**25**

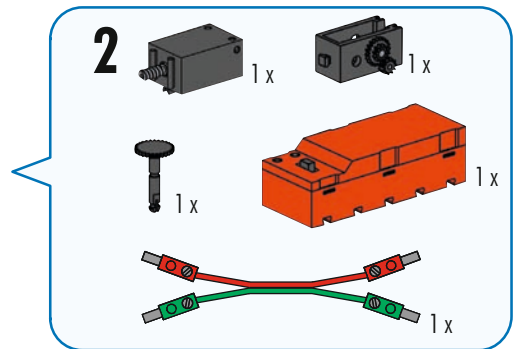
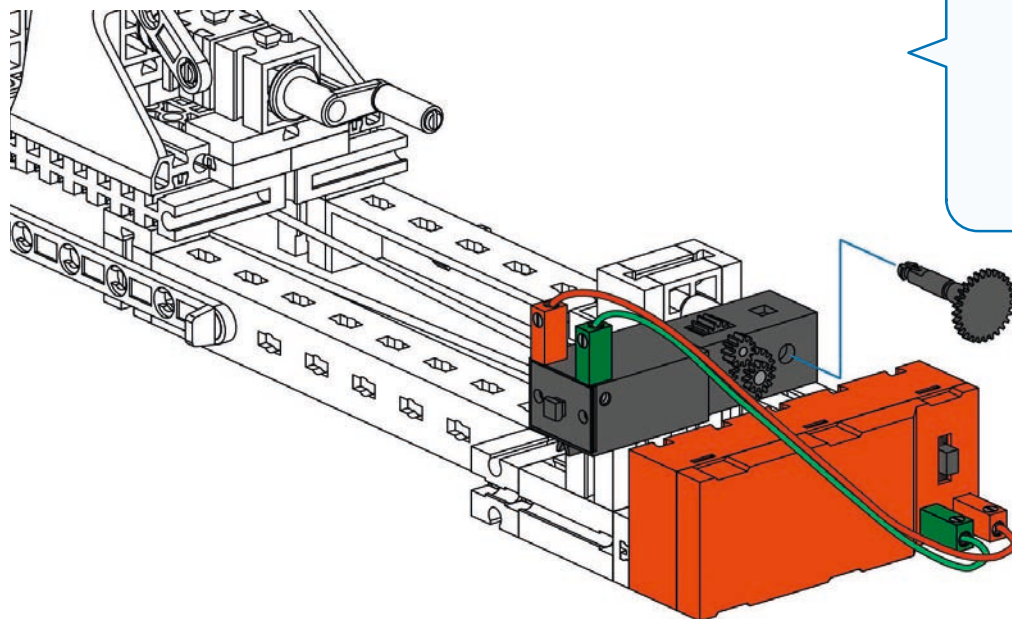
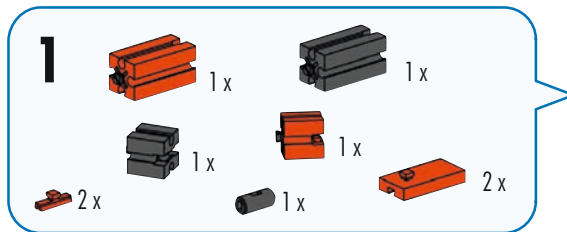
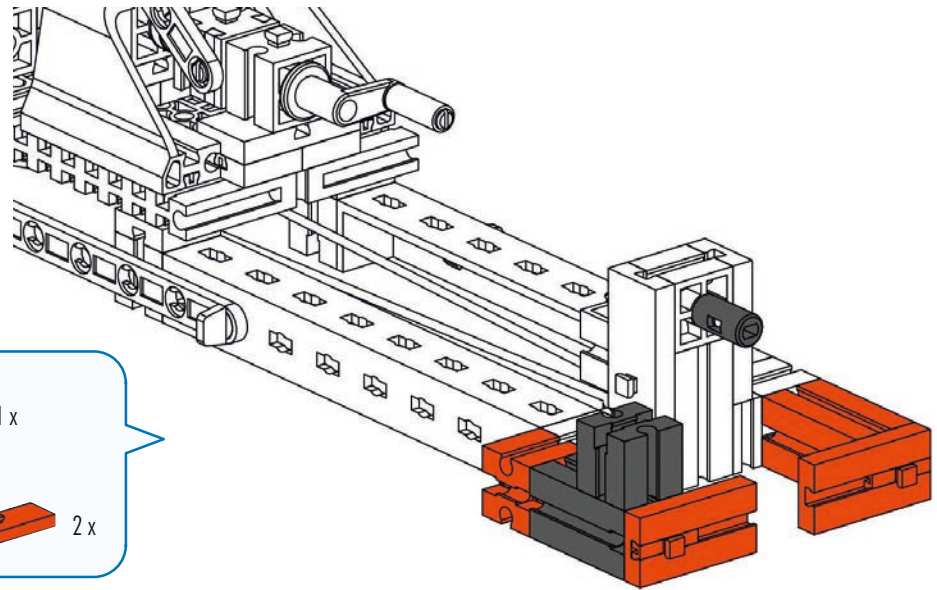
2 x

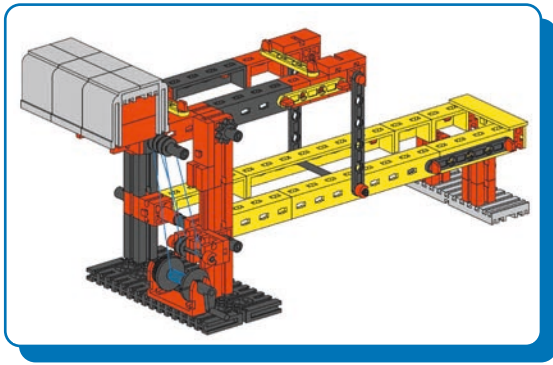


**24**









Zugbrücke  
Drawbridge  
Pont-levis

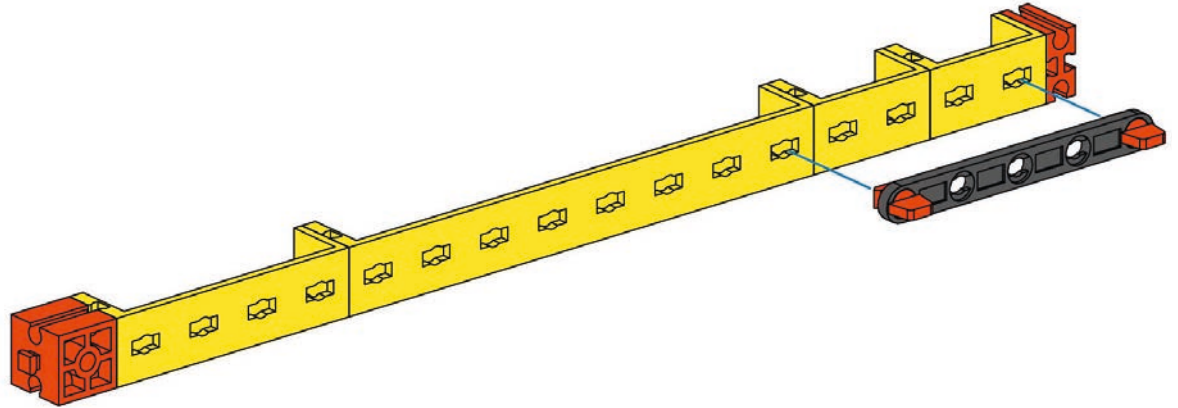
Ophaalbrug  
Puente levadizo  
Ponte leviça

Ponte levatoio  
Поднимающийся мостик  
吊桥

**1**

1 x 1 x 1 x 2 x

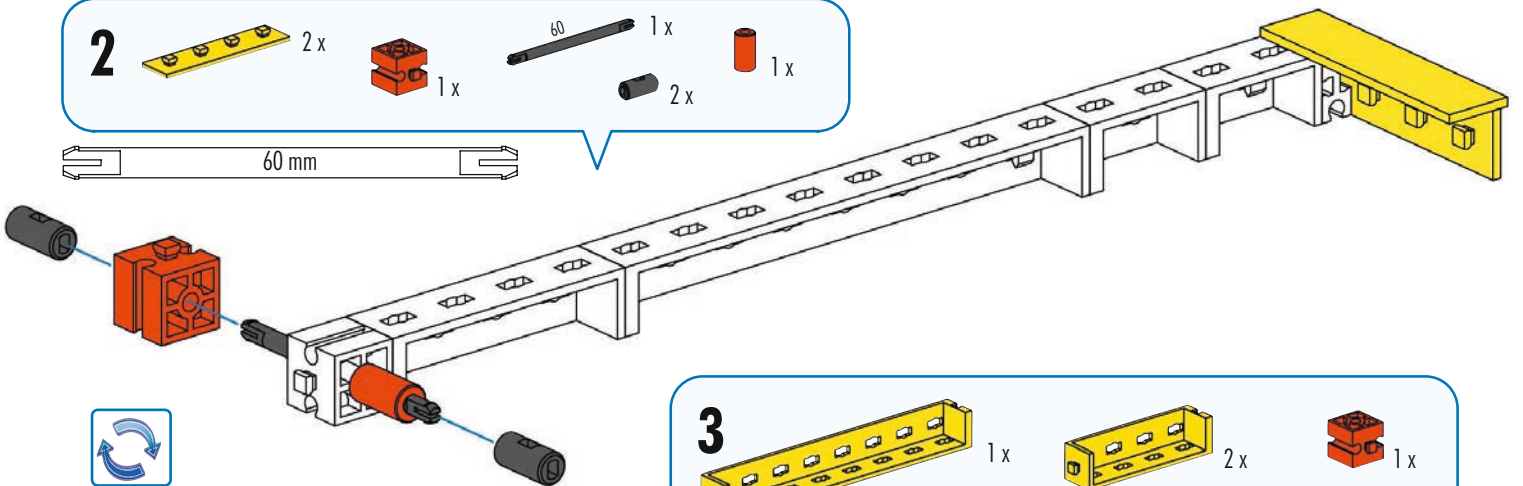
1 x 1 x 1 x 1 x



**2**

2 x 1 x 1 x 1 x 2 x

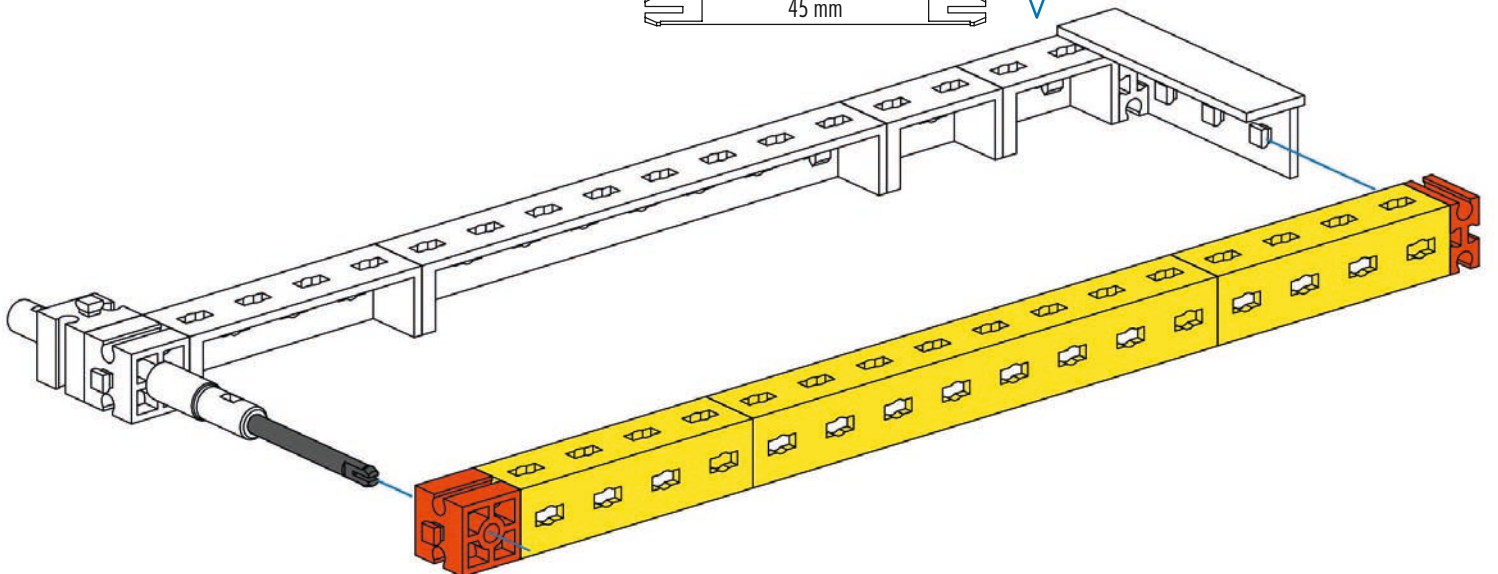
60 mm



**3**

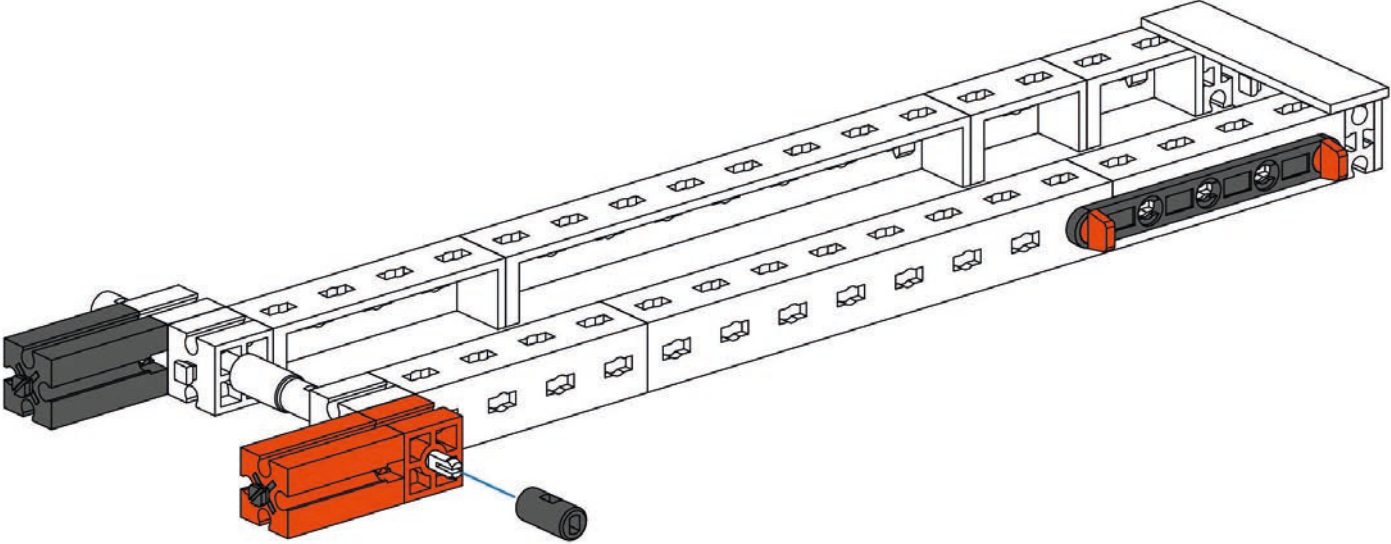
1 x 2 x 1 x 1 x 1 x

45 mm



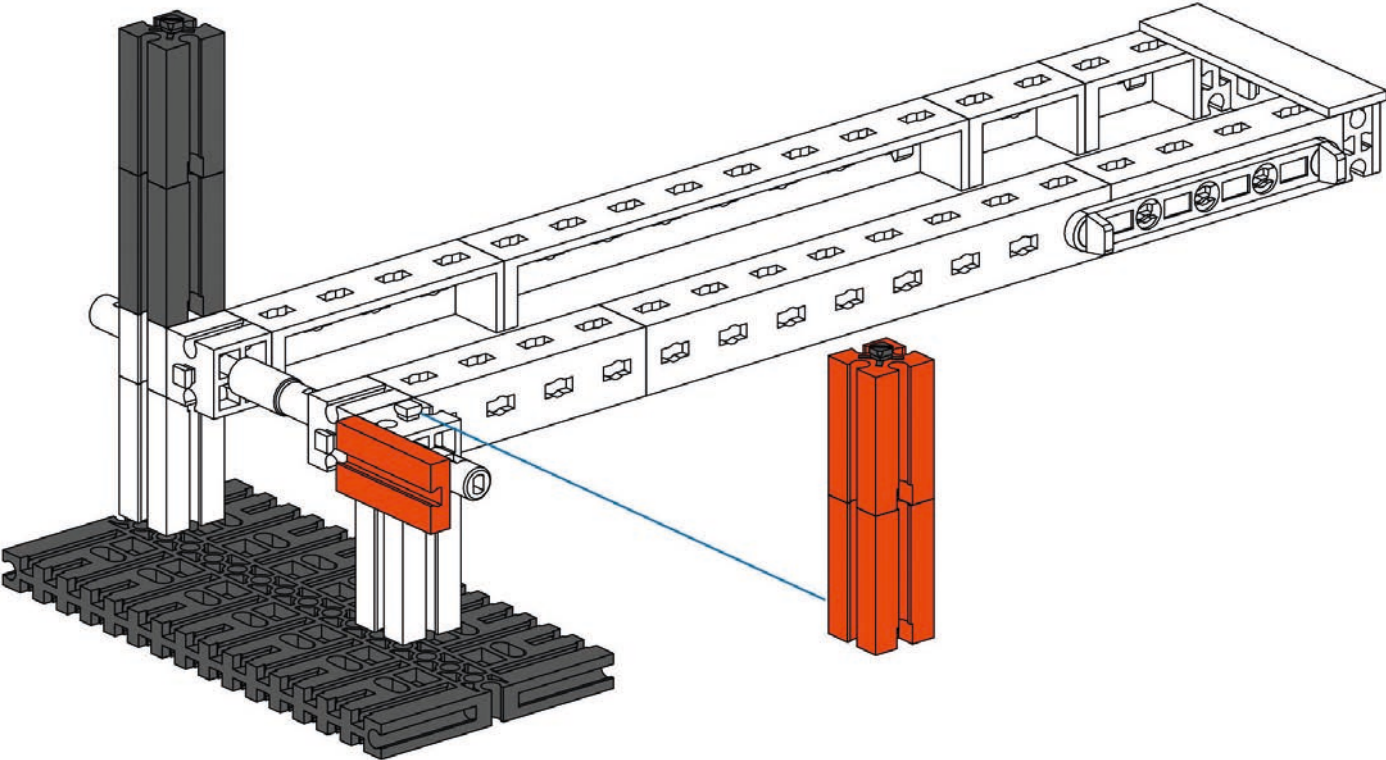
**4**

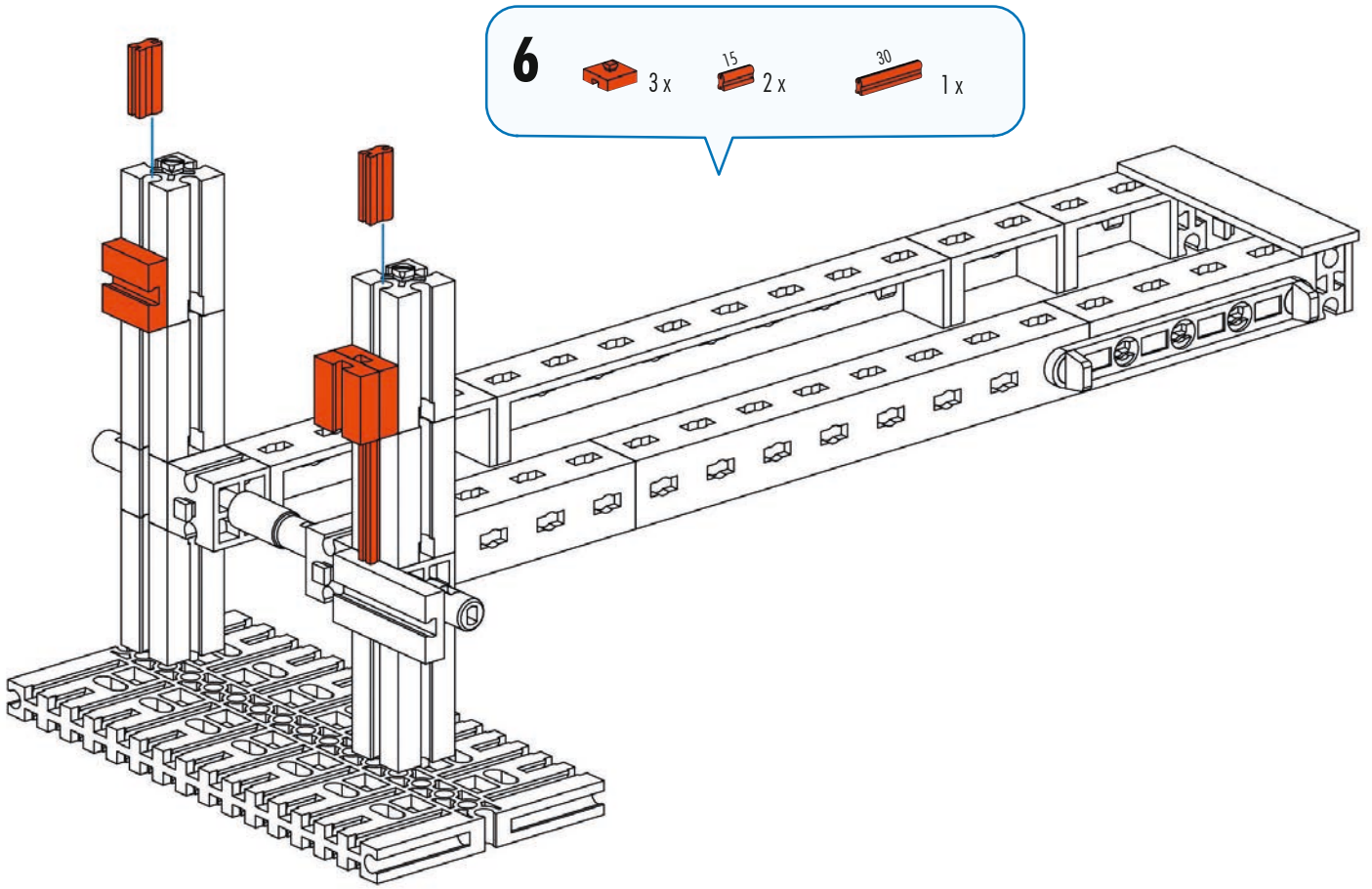
- 60 1x
- 4 2x
- 1x
- 1x
- 1x
- 1x
- 1x



**5**

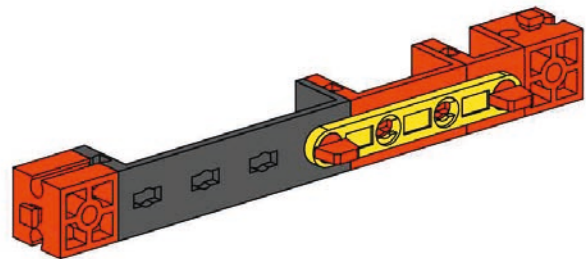
- 1x
- 2x
- 1x
- 2x





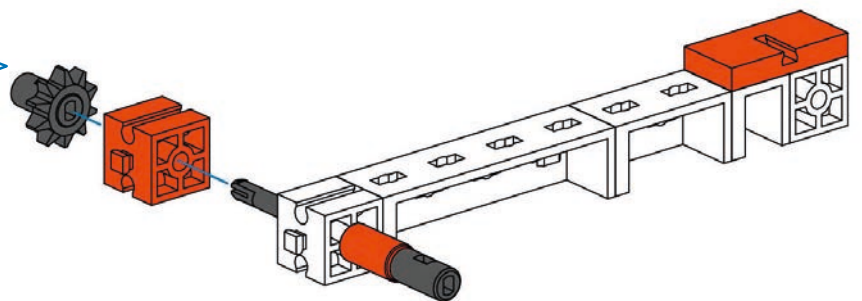
- 6** 3x 1x3 Technic Bricks, 2x 1x5 Technic Technaxles, 1x 1x30 Technic Technaxle

- 7** 1x 1x6 Technic Technaxle, 1x 1x3 Technic Technaxle, 1x 1x3 Technic Technaxle, 2x 1x3 Technic Technaxle, 1x 1x45 Technic Technaxle, 2x 1x4 Technic Technaxle



- 8** 1x 1x3 Technic Technaxle, 1x 1x3 Technic Technaxle, 1x 1x3 Technic Technaxle, 1x 1x60 Technic Technaxle, 1x 1x3 Technic Technaxle, 1x 1x3 Technic Technaxle

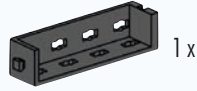
60 mm





9

A5 1x

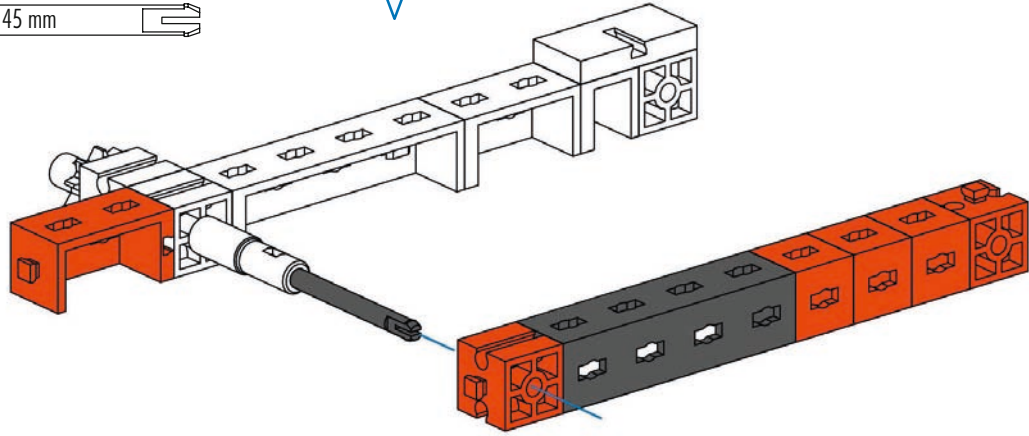


1x

3x

2x

45 mm



10

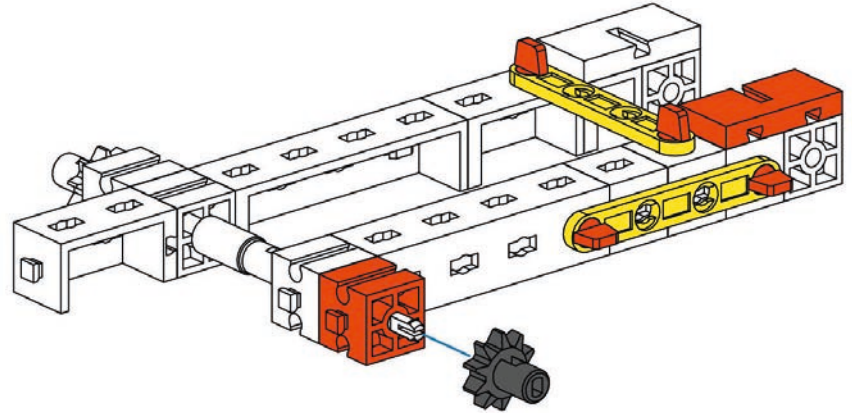
1x

1x

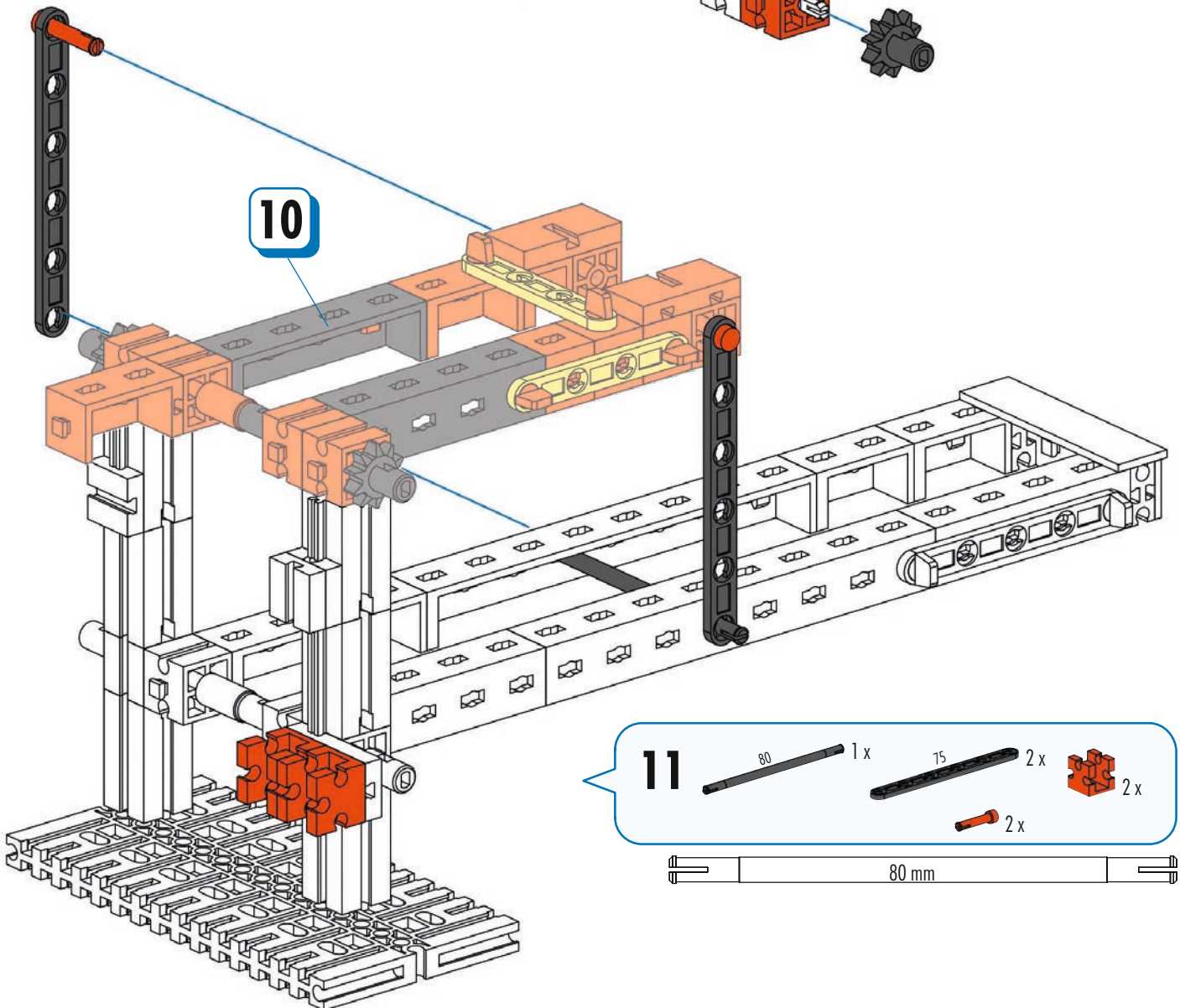
A5 2x

4x

1x



10



11






80 1x

15 2x

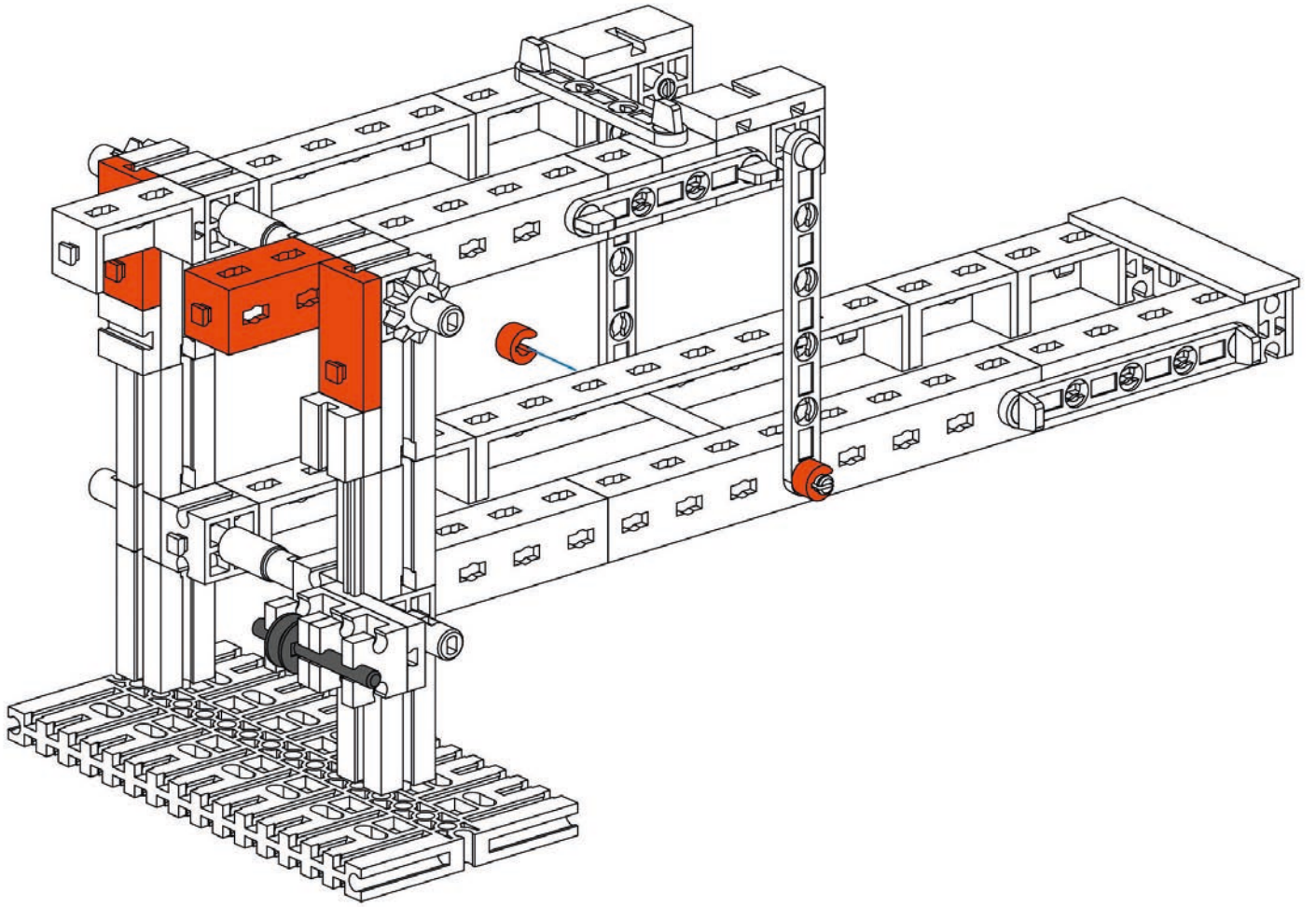
2x

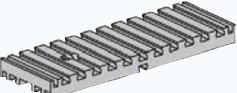



2x

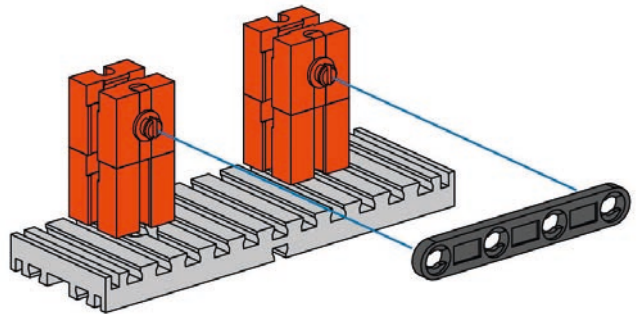
80 mm

**12**  1x  1x  2x  1x  2x

40 mm



**13**  1x  4x  1x  2x



14



2x



1x



1x



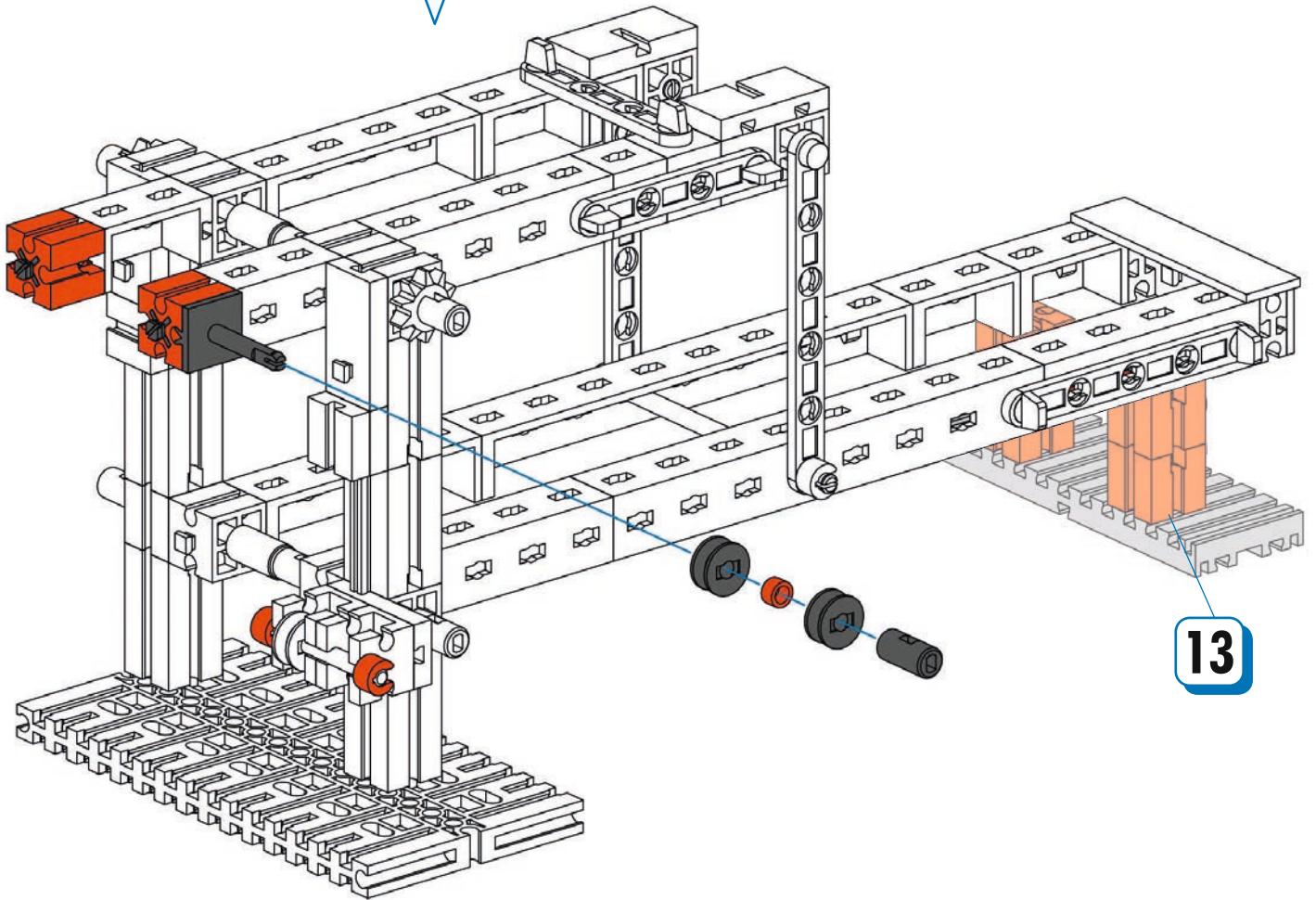
1x



2x

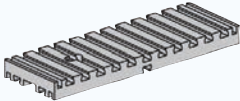


2x



13

15



1x



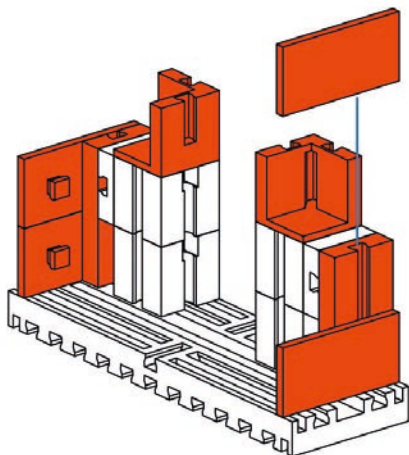
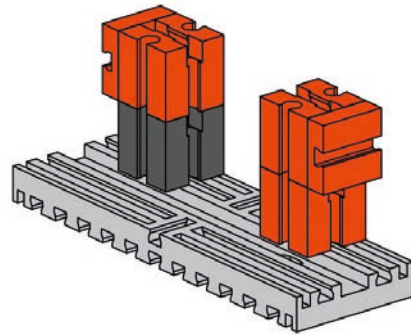
3x



1x



2x



16



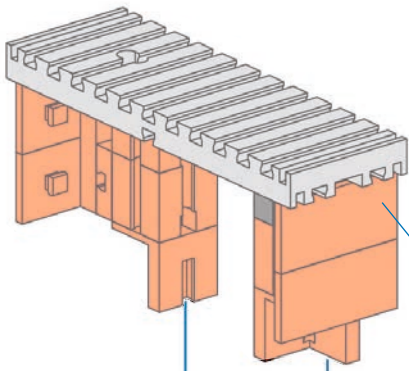
2x



2x



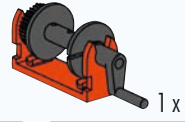
4x



17

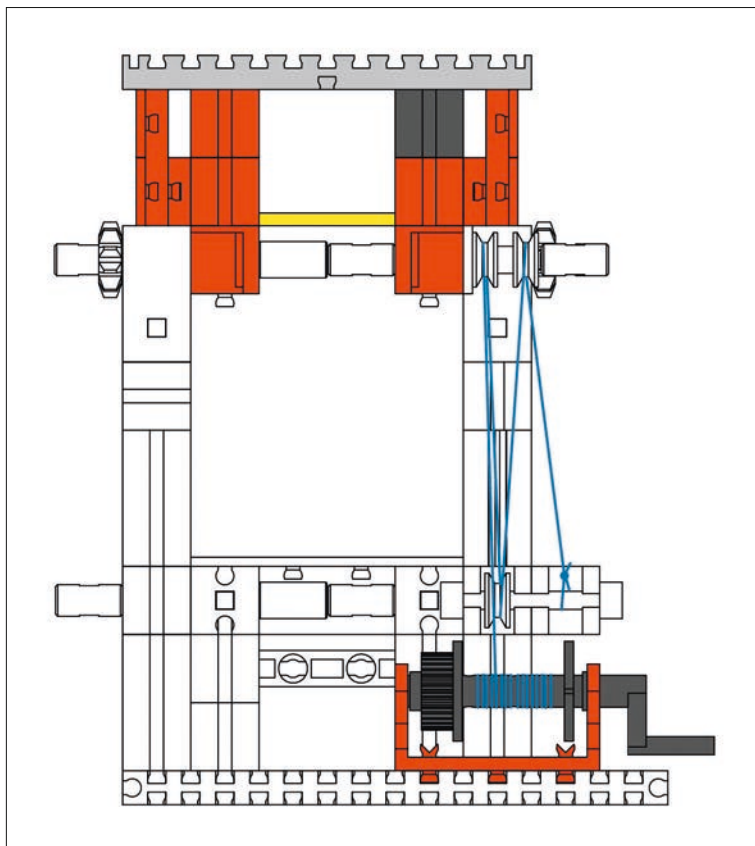
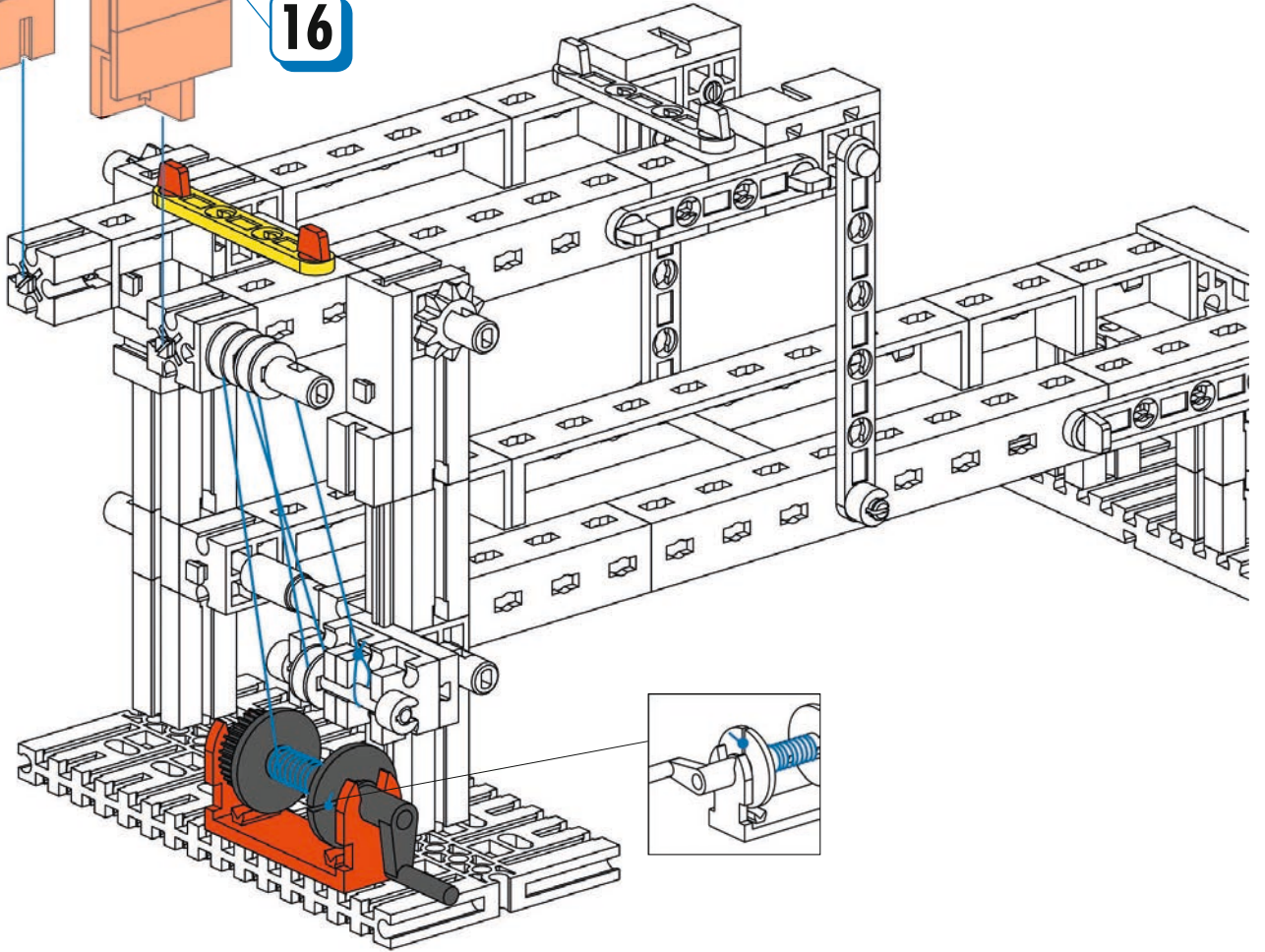
45 1x

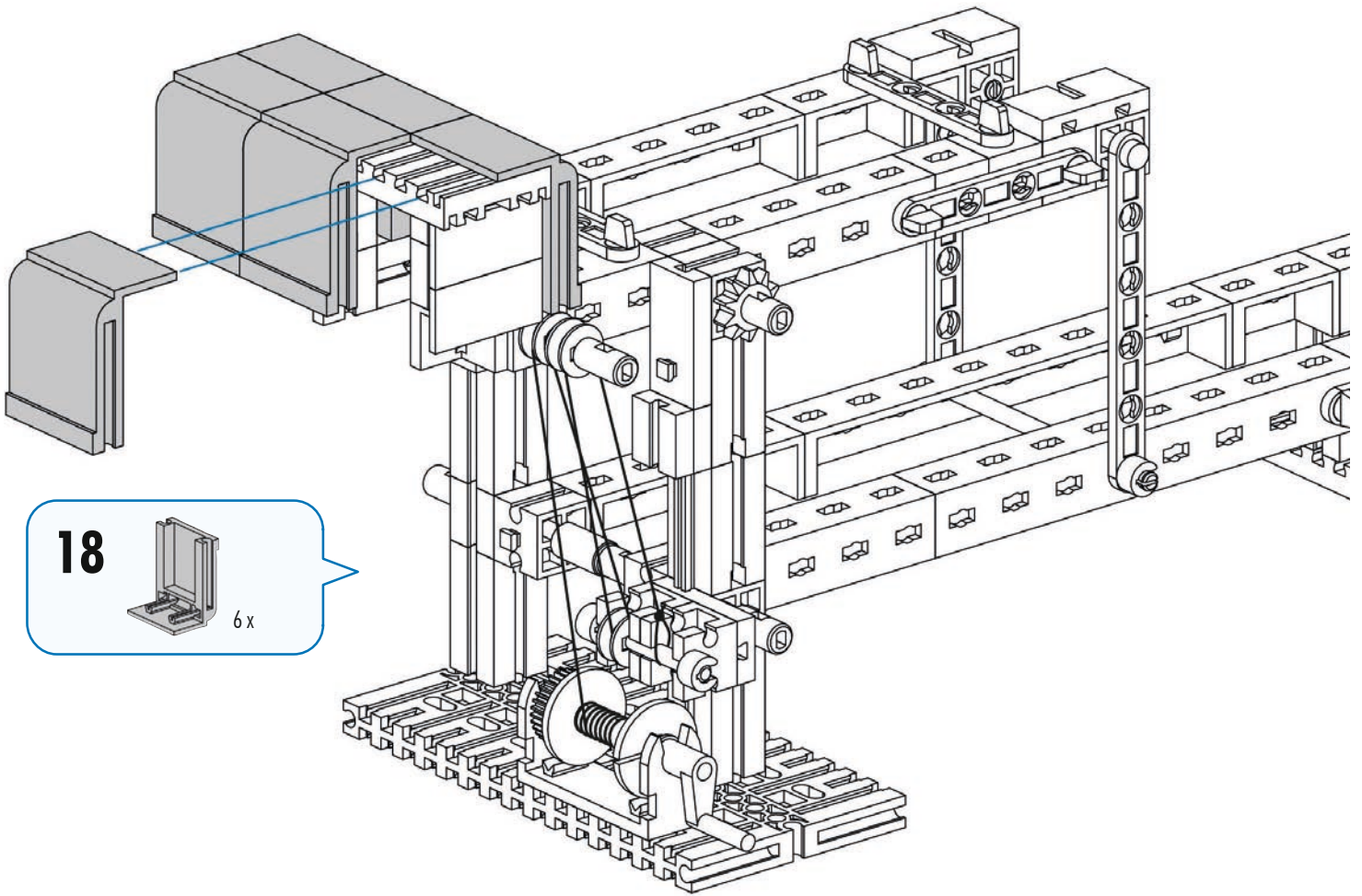
A 2x



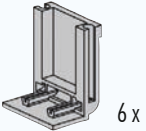
1x

16

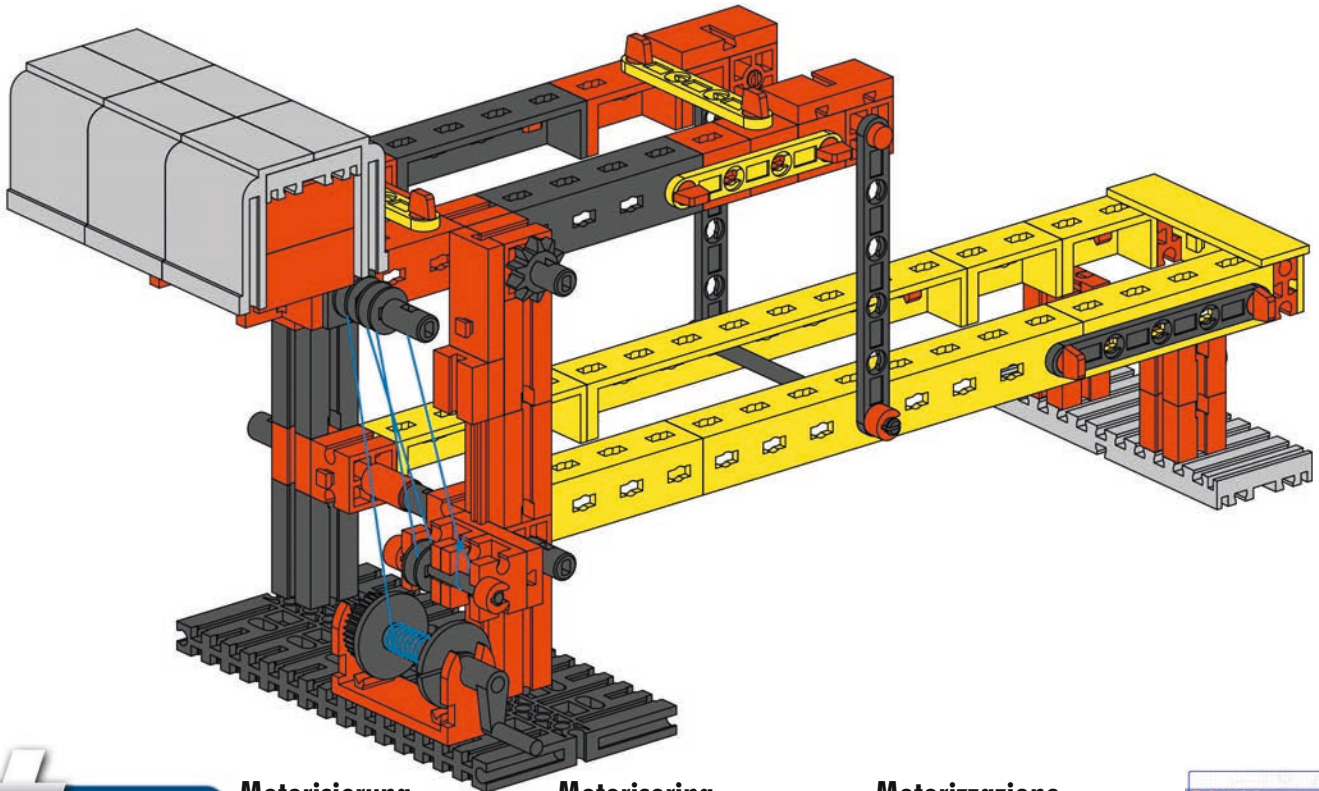




18



6x



Motorisierung  
Motorization  
Motorisation

Motorisering  
Motorización  
Motorização

Motorizzazione

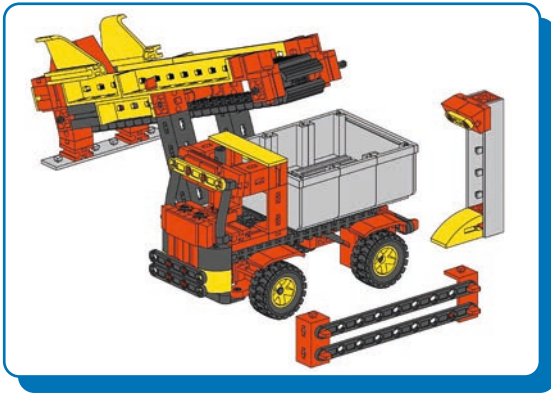
Приводной механизм  
电动卷扬机 机动化与



Motor Set XS 505 281

Bauanleitung Plus Sets Universal 4 / Building instructions PLUS sets for Universal 4 / Instructions de montage PLUS Sets pour Universal 4 / Bouwinstructie PLUS-sets voor Universal 4 / Instrucciones de montaje PLUS Sets para Universal 4 / Instruções de montagem PLUS Kits para Universal 4 / Istruzioni per la costruzione dei kit PLUS per Universal 4 / Руководство по сборке комплектов PLUS для Universal 4 / Universal 4 升级套件组装说明书

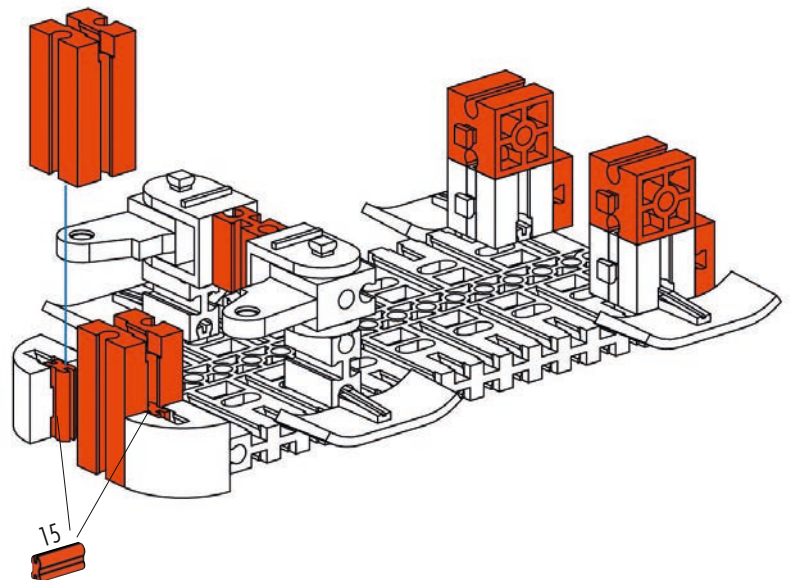
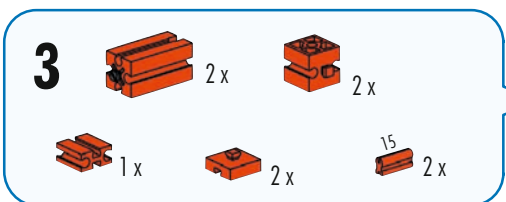
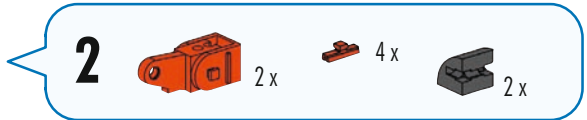
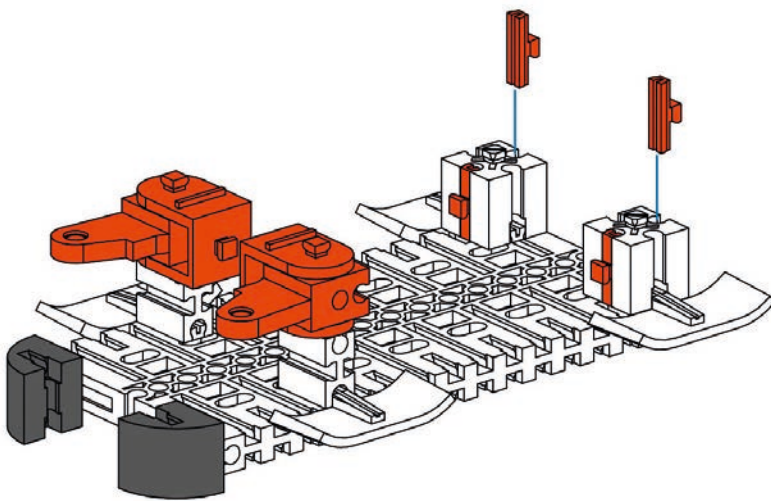
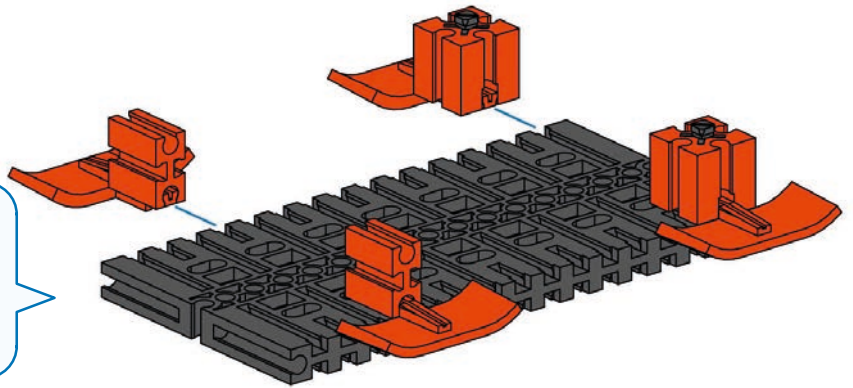
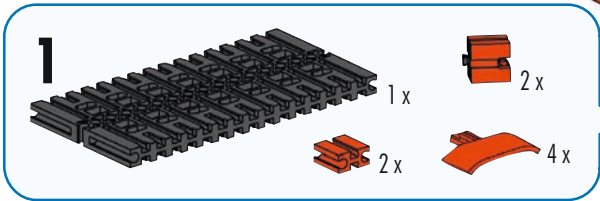
[www.fischertechnik.de/PLUS-Universal4](http://www.fischertechnik.de/PLUS-Universal4)



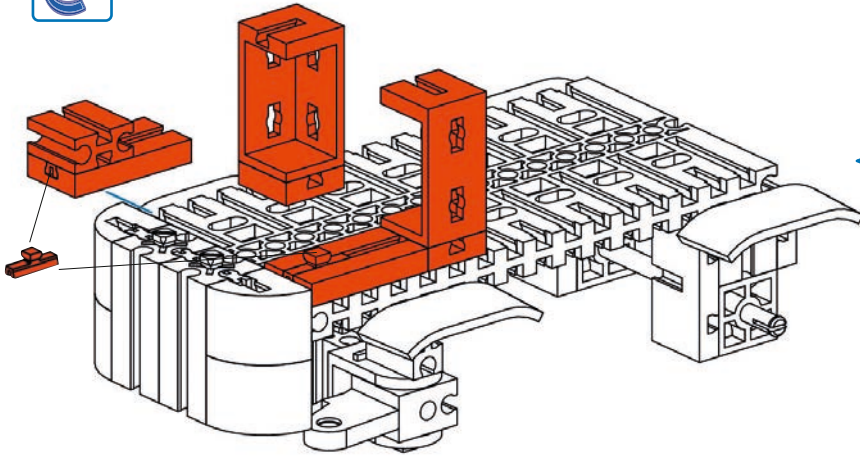
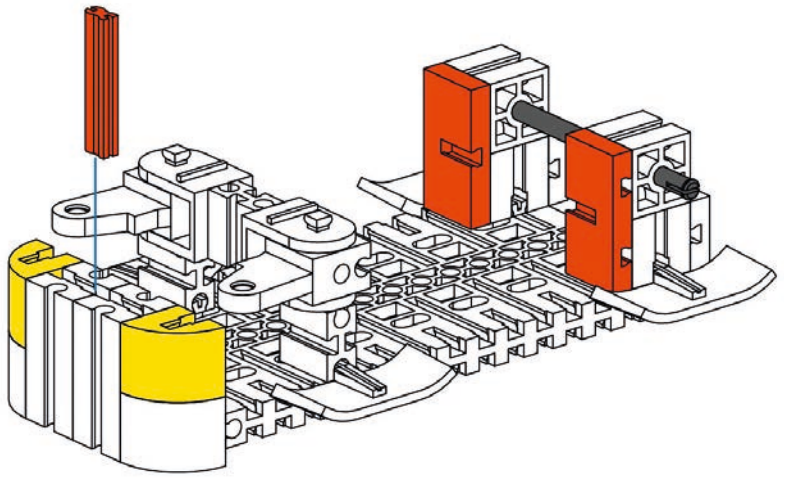
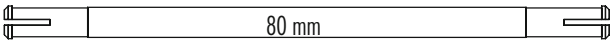
**Baustelle**  
**Construction site**  
**Chantier**

**Bouwplaats**  
**En la obra**  
**Canteiro de obras**

**Cantiere**  
**Стройплощадка**  
**建筑工地**

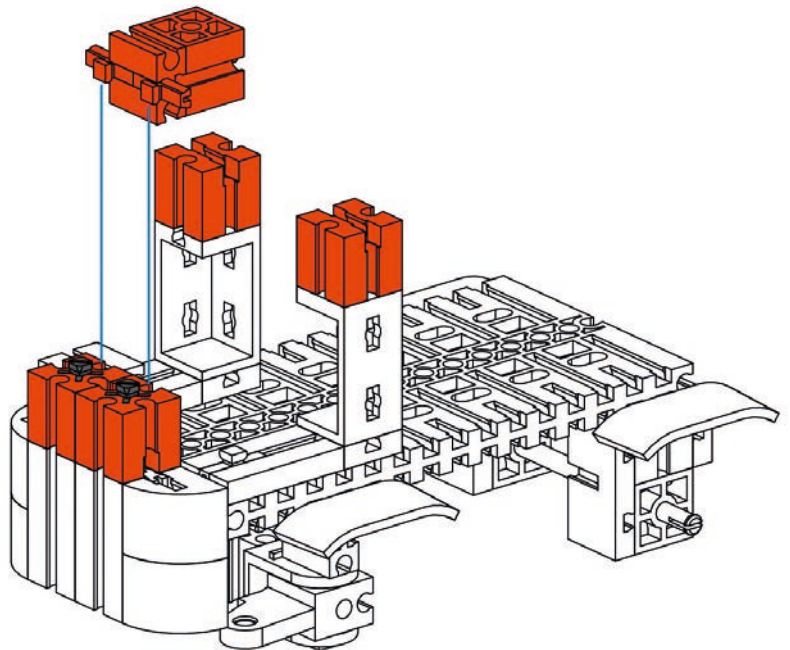


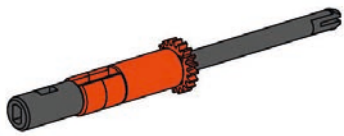
- 4**
- 2 x Yellow Technic Pin
  - 2 x Red Technic Pin
  - 1 x Black Technic Pin (80)
  - 1 x Red Technic Pin (30)



- 5**
- 2 x Red Technic Pin
  - 1 x Red Technic Pin
  - 2 x Red Technic Pin
  - 2 x Red Technic Pin
  - 2 x Red Technic Pin

- 6**
- 4 x Red Technic Pin
  - 1 x Red Technic Pin
  - 1 x Red Technic Pin
  - 2 x Red Technic Pin

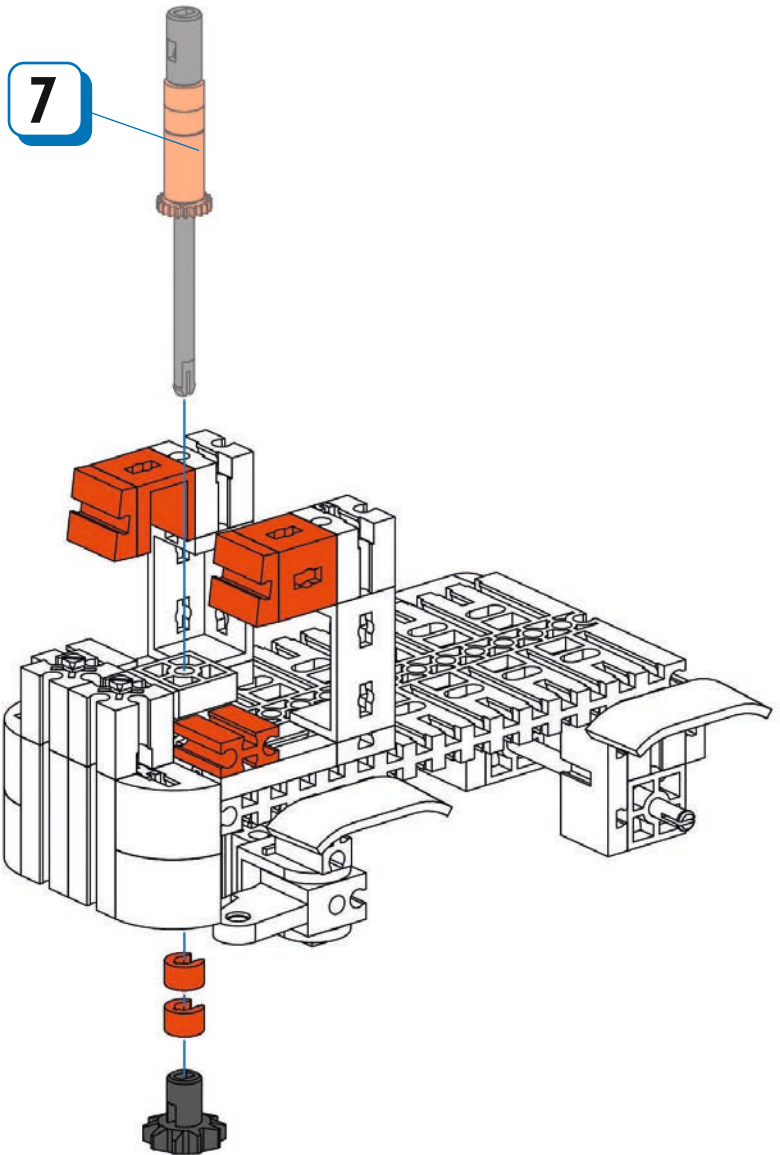




**7**

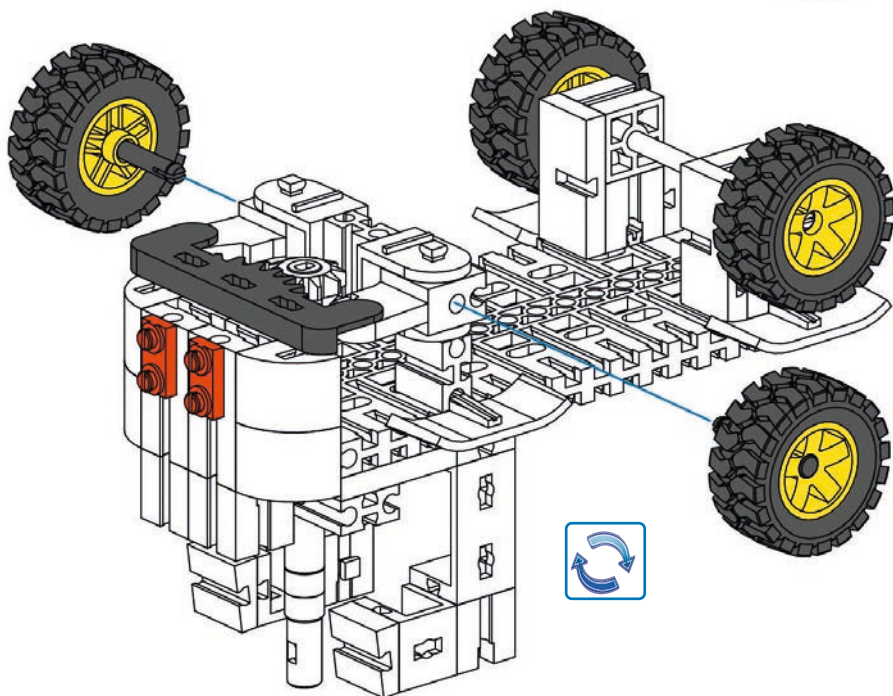
- 15 1x
- 1x
- 1x
- 1x
- 1x
- 2x

75 mm



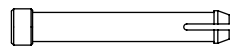
**8**

- 2x
- 7.5° 2x
- 1x
- 1x
- 2x



**9**

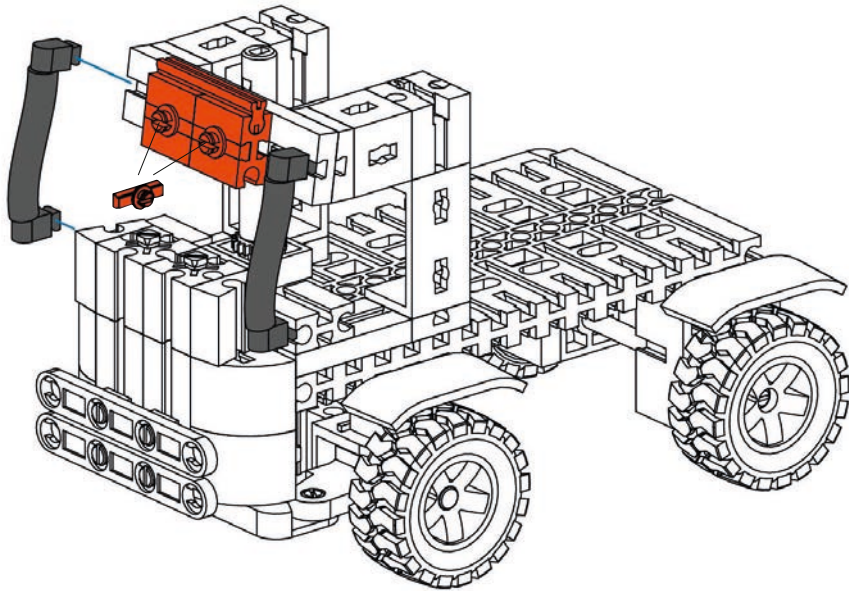
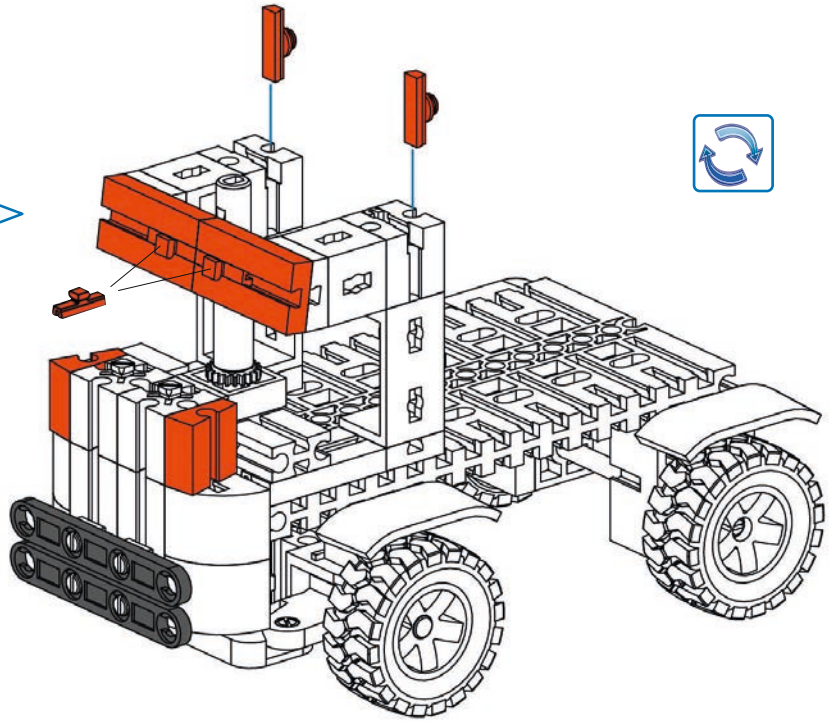
- 4x
- 2x
- 1x
- 2x





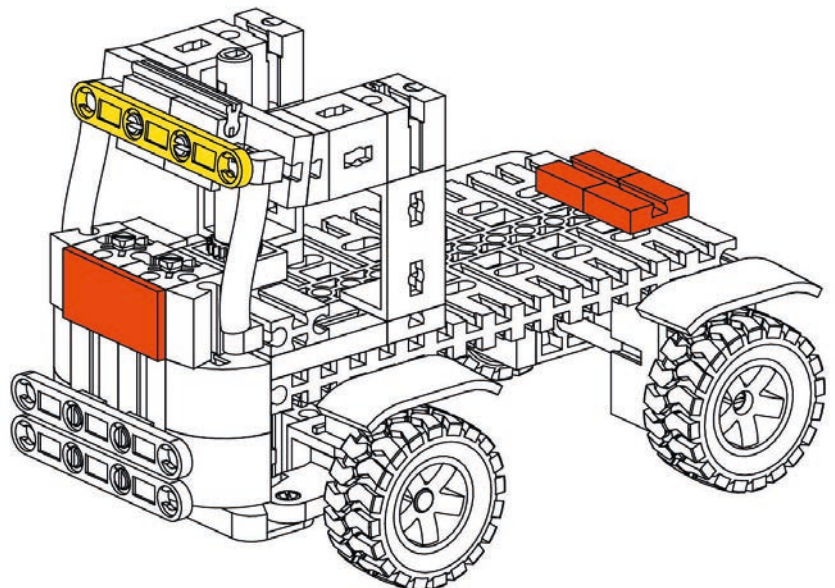


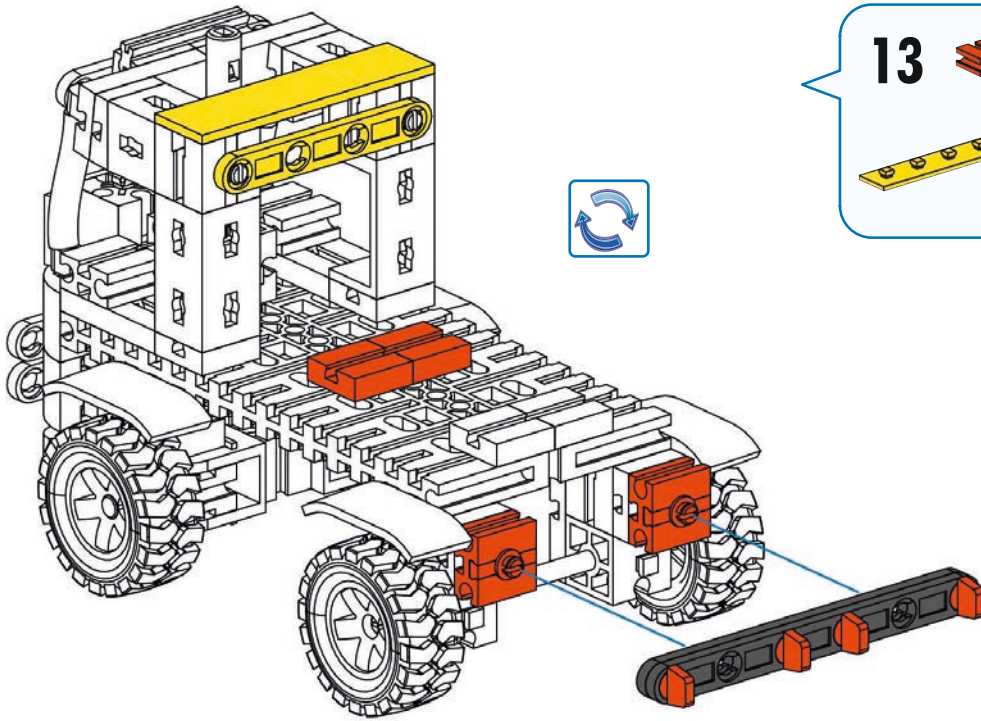
- 10**
- 45 2 x
  - 15° 2 x
  - 2 x
  - 2 x
  - 2 x



- 11**
- 2 x
  - 2 x
  - 30 1 x
  - 4 x
  - 2 x

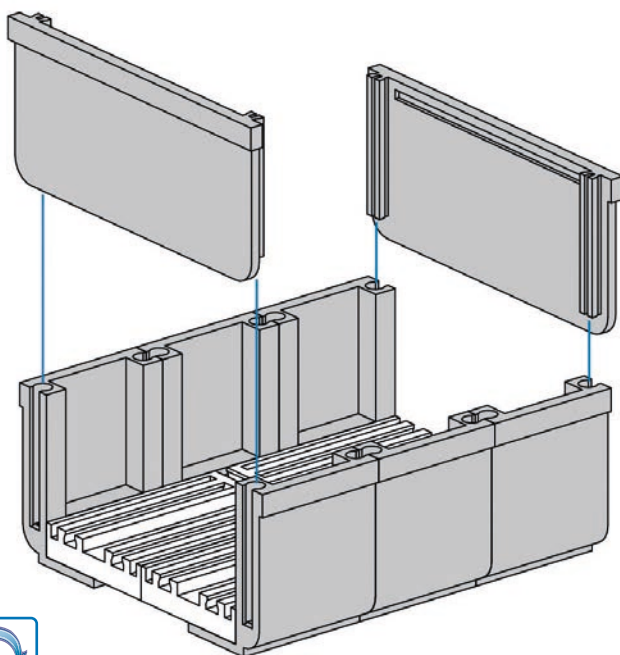
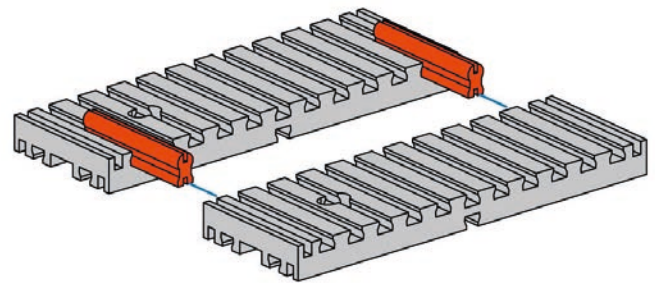
- 12**
- 2 x
  - 45 1 x
  - 1 x





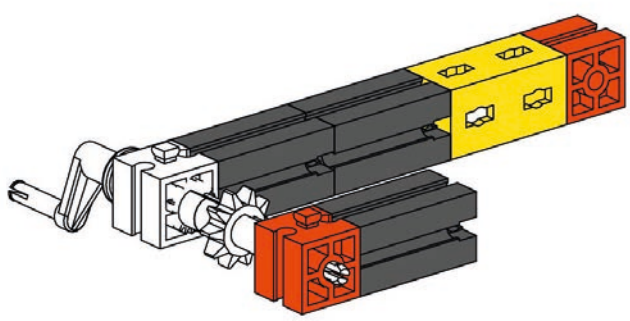
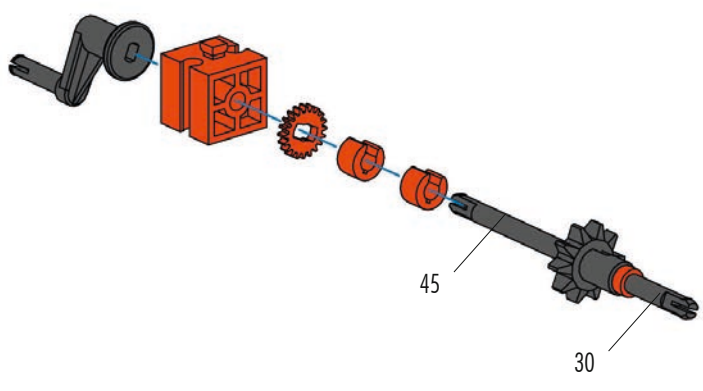
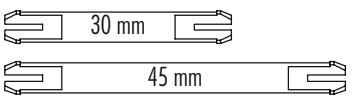
- 13**
- 2x [Orange 1x2 Technic Brick]
  - 2x [Orange Technic Pin]
  - 2x [Orange Technic Pin]
  - 1x [Yellow 1x6 Technic Beam]
  - 2x [Black 1x75 Technic Axle]
  - 4x [Orange Technic Pin]
  - 1x [Yellow 1x45 Technic Beam]

- 14**
- 2x [Grey 1x10 Technic Beam]
  - 2x [Orange 1x30 Technic Pin]



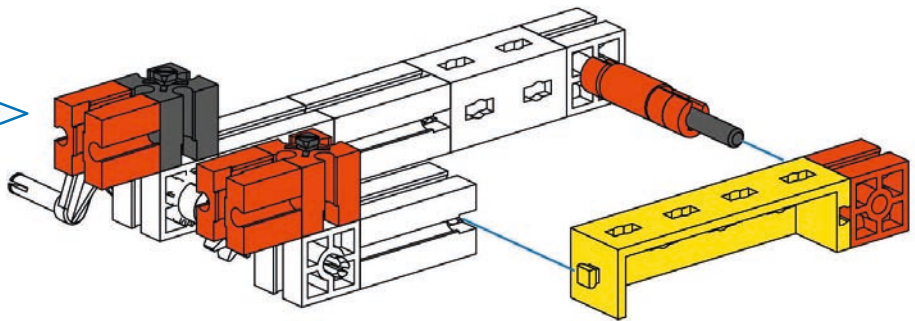
- 15**
- 6x [Grey Technic Pin]
  - 2x [Grey Panel]

- 16** 1x 1x 1x 2x 1x  
 30 1x 45 1x 1x 1x

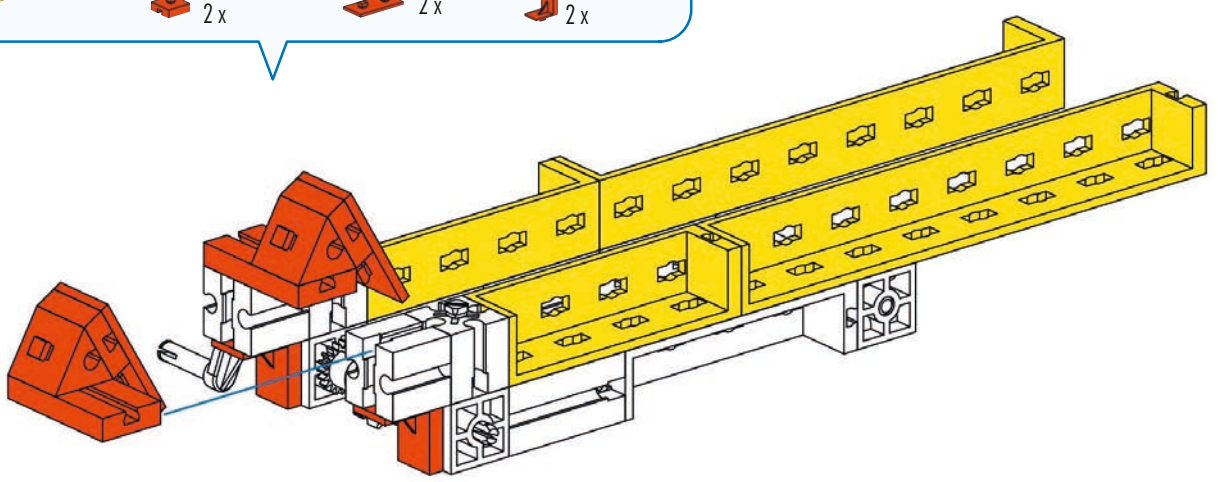


- 17** 3x 1x 2x

- 18** 1x 3x 1x  
 60 1x 1x 1x  
 3x
- 60 mm

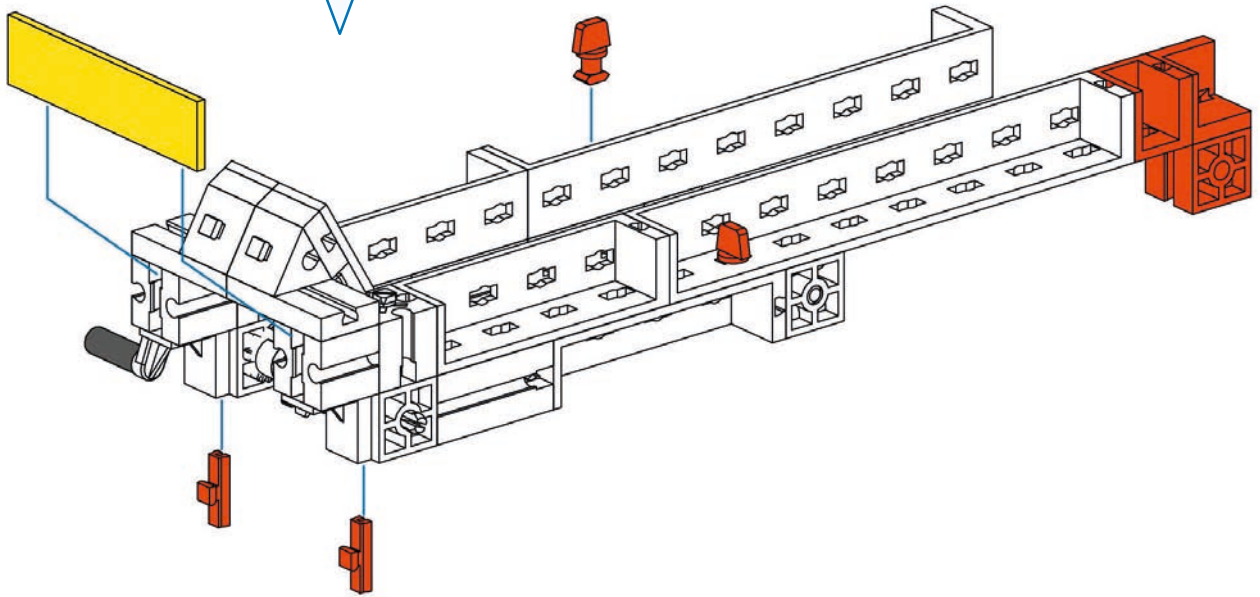


- 19** 2x 2x 2x 2x 2x 2x 2x



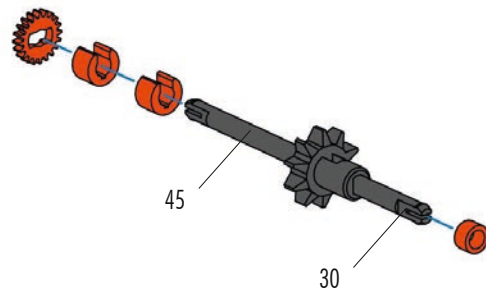
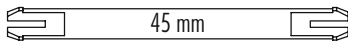
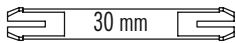
20

- 1x [Red 1x2 Technic Brick]
- 1x [Red 1x2 Technic Brick with Hole]
- 1x [Red 1x2 Technic Brick with Hole]
- 1x [Yellow 1x6 Technic Beam]
- 2x [Red 1x2 Technic Pin]
- 1x [Black 1x2 Technic Pin]
- 2x [Red 1x2 Technic Pin]



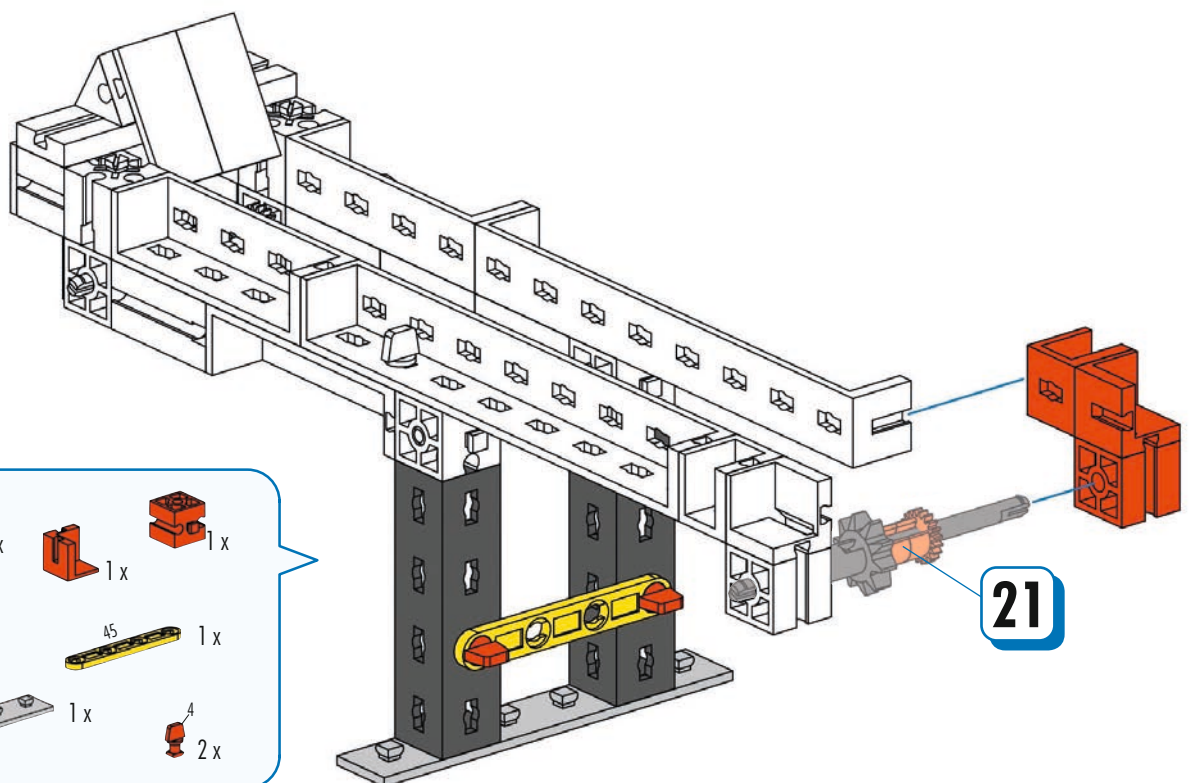
21

- 1x [Black 30mm Technic Pin]
- 2x [Red 1x2 Technic Pin]
- 1x [Red 1x2 Technic Pin]
- 1x [Black 45mm Technic Pin]
- 1x [Black 1x2 Technic Pin]



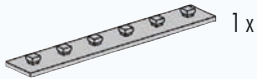
22

- 1x [Red 1x2 Technic Brick]
- 1x [Red 1x2 Technic Brick with Hole]
- 1x [Red 1x2 Technic Brick with Hole]
- 2x [Black 1x6 Technic Beam]
- 1x [Yellow 1x6 Technic Beam]
- 1x [Black 1x6 Technic Beam]
- 2x [Red 1x2 Technic Pin]



21

23



1 x



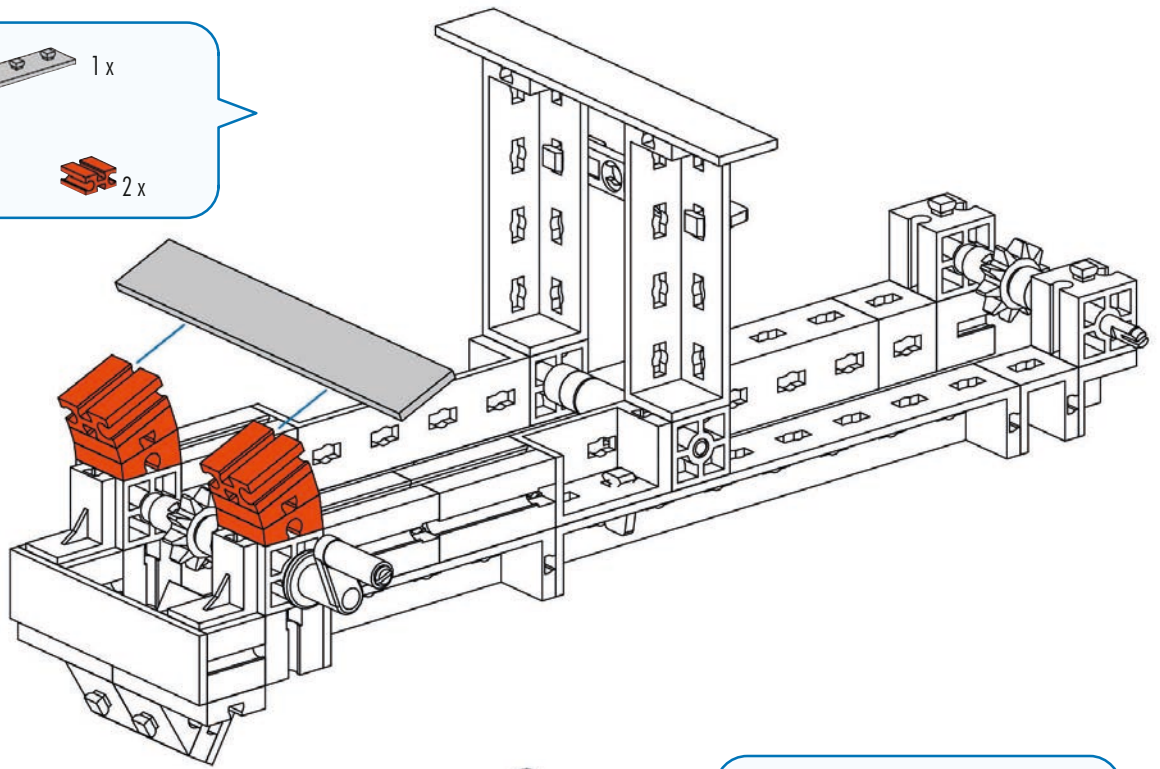
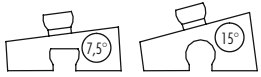
2 x



2 x



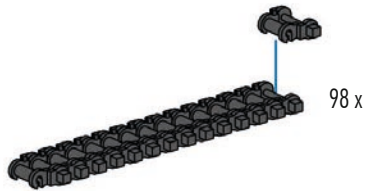
2 x



24



98 x

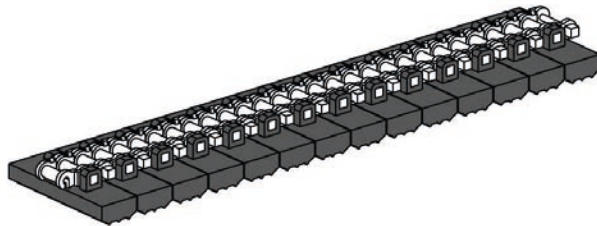


98 x

25



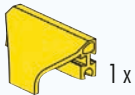
49 x



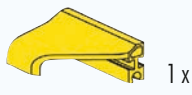
49 x

25

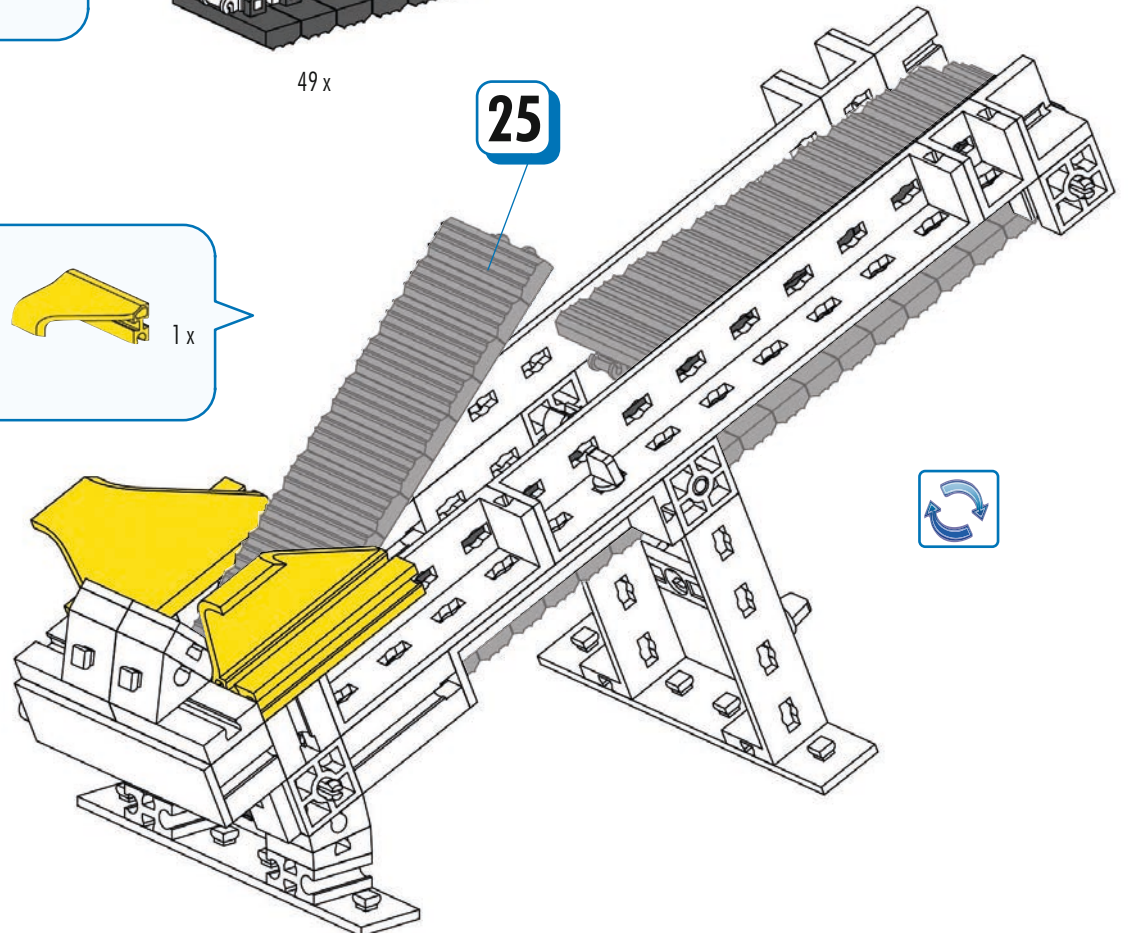
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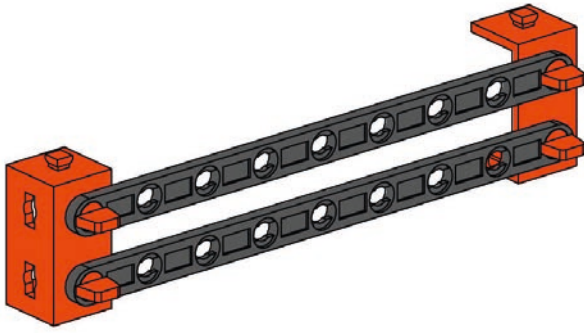


1 x



1 x





**27**

120 2 x

2 x

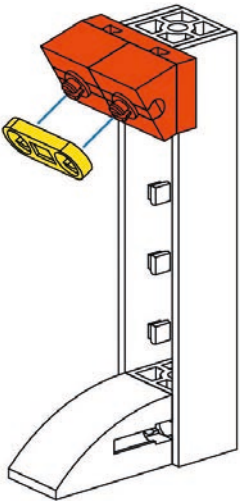
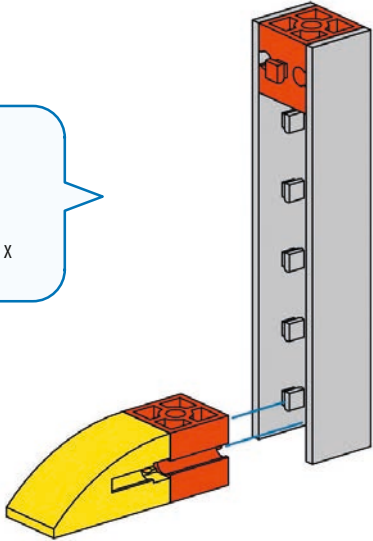
4 x

**28**

2 x

1 x

2 x



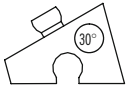
**29**

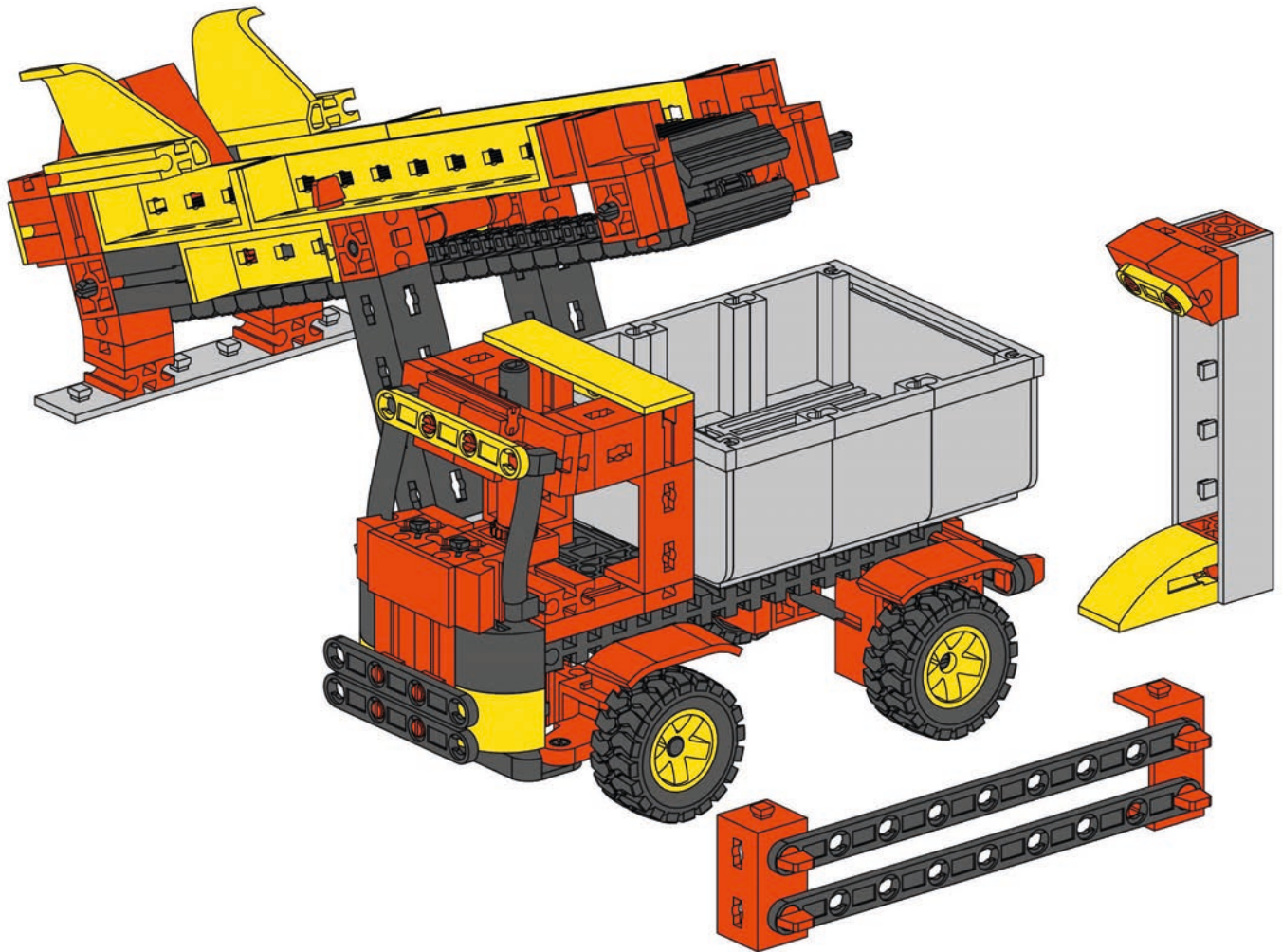
30° 2 x

1 x

15 1 x

2 x





Beleuchtung  
Lighting  
Éclairage

Verlichting  
Iluminación  
Iluminação

Illuminazione  
Освещение  
灯



LED Set 533 877



Motorisierung  
Motorization  
Motorisation

Motorisering  
Motorización  
Motorização

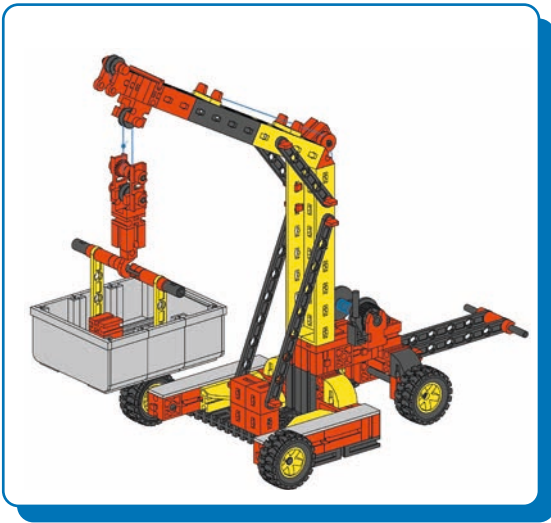
Motorizzazione  
Приводной механизм  
电动卷扬机 机动化与



Motor Set XS 505 281

Bauanleitung Plus Sets Universal 4 / Building instructions PLUS sets for Universal 4 / Instructions de montage PLUS Sets pour Universal 4 / Bouwinstructie PLUS-sets voor Universal 4 / Instrucciones de montaje PLUS Sets para Universal 4 / Instruções de montagem PLUS Kits para Universal 4 / Istruzioni per la costruzione dei kit PLUS per Universal 4 / Руководство по сборке комплектов PLUS для Universal 4 / Universal 4 升级套件组装说明书

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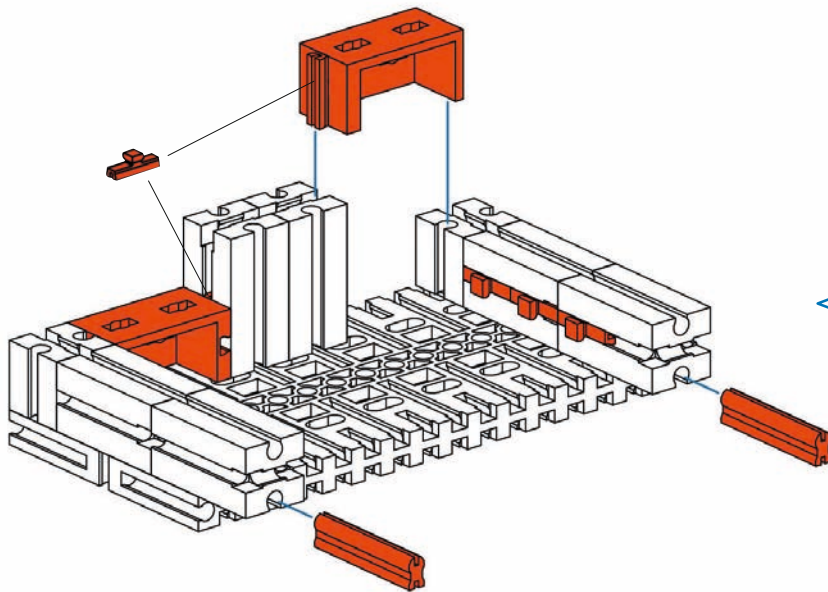
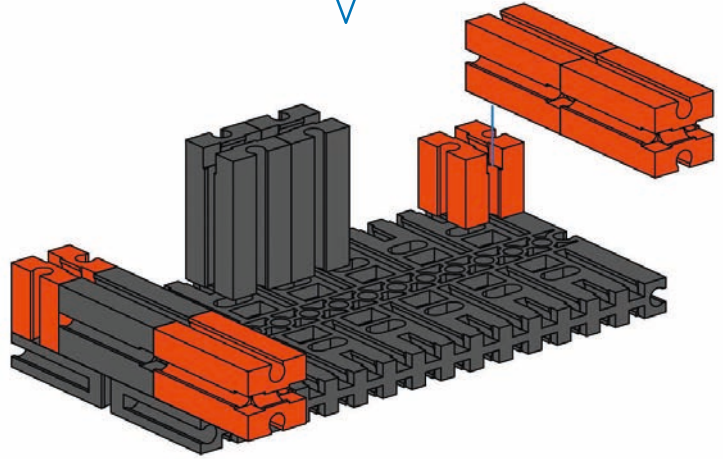
Flaschenzug  
Block and tackle  
Palan

Takel  
Aparejo  
Carregador de garrafas

Paranco  
Подъемный кран  
滑轮起重设备

**1**

1x  
2x  
3x  
3x

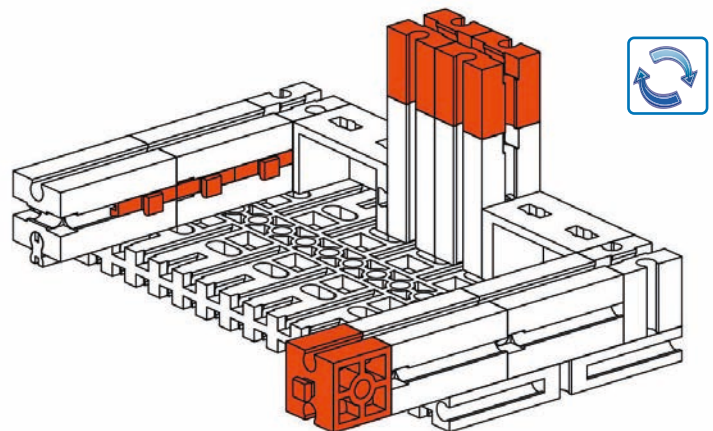


**2**

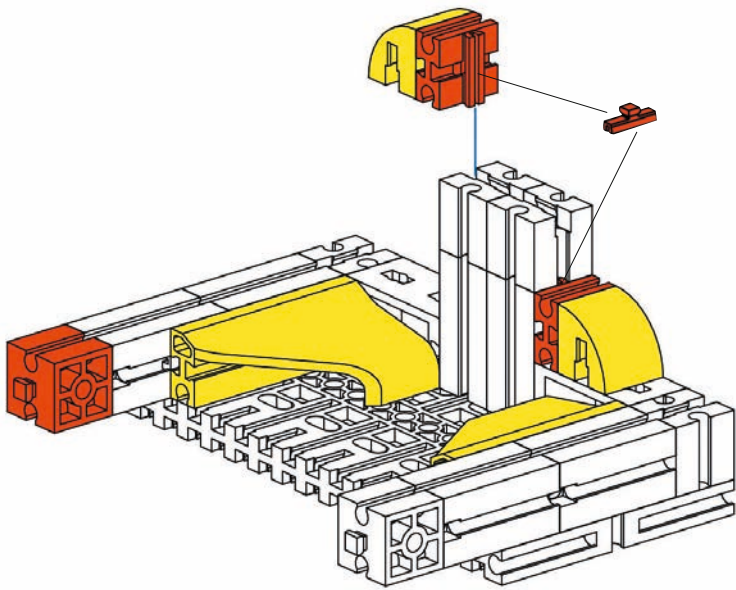
2x  
5x  
30  
2x

**3**

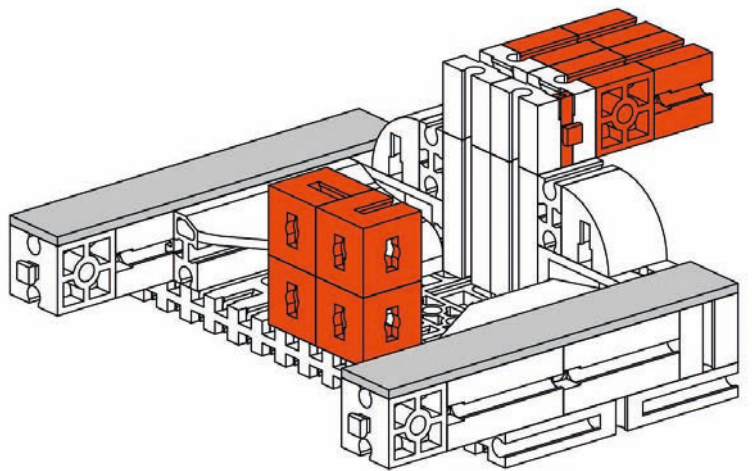
2x  
1x  
3x



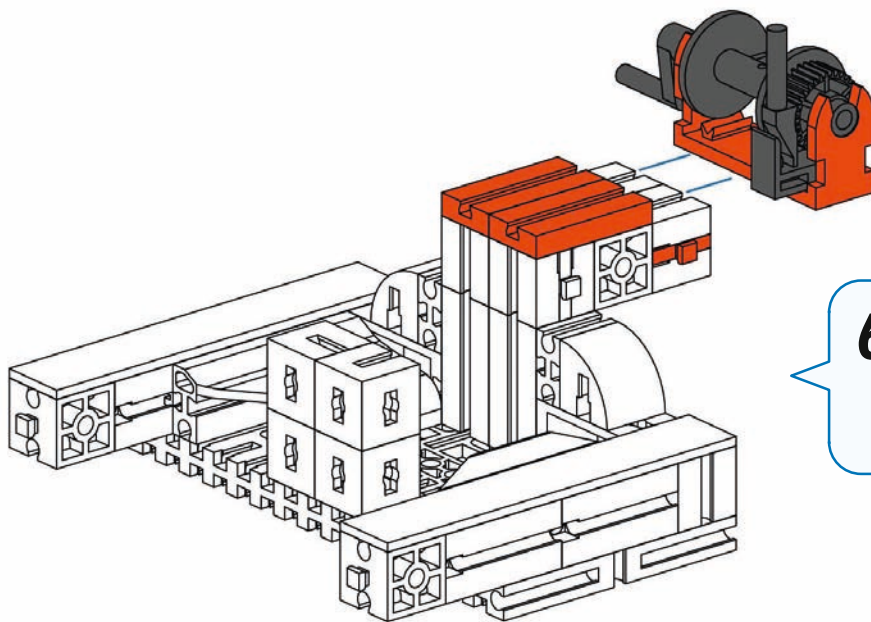




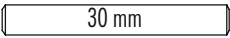
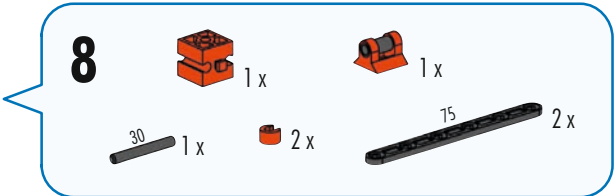
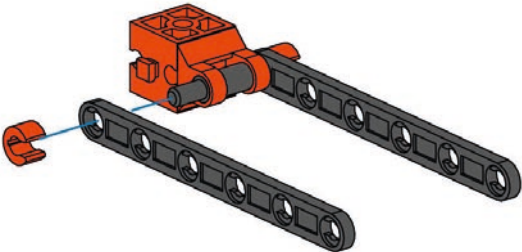
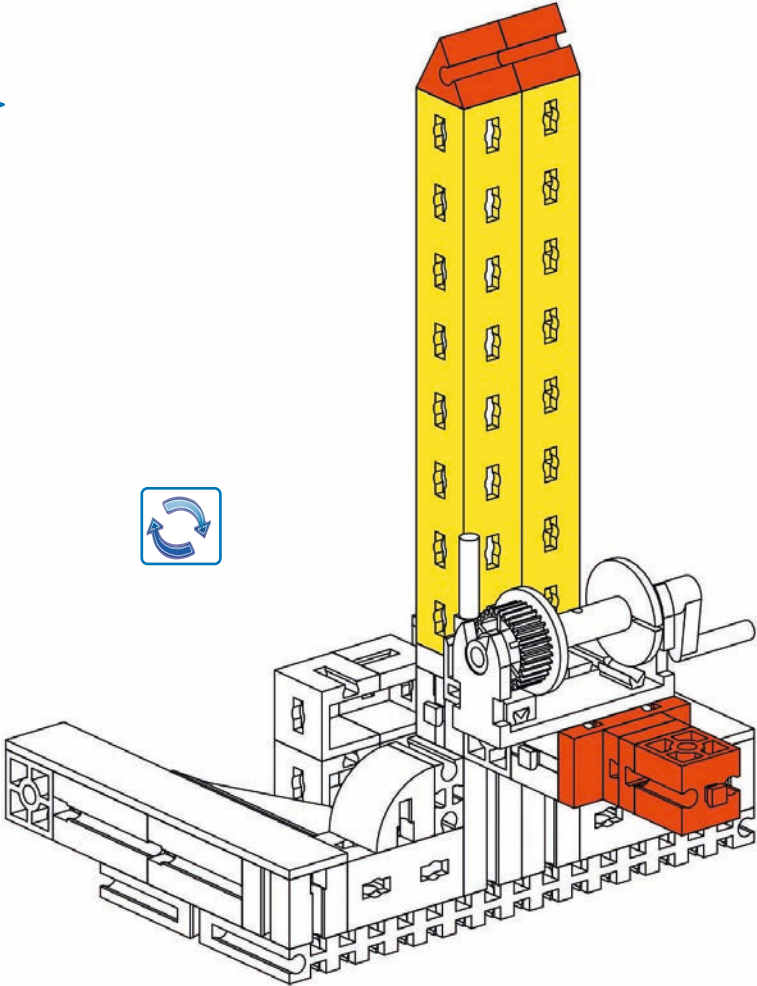
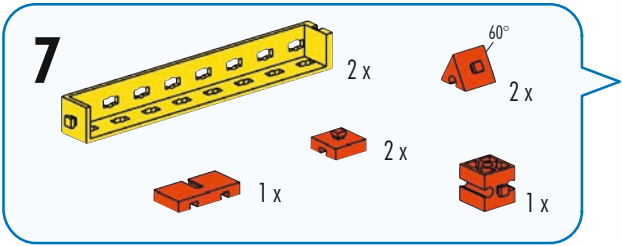
- 4**
- 1x Red 1x3 Technic brick
  - 2x Yellow curved piece
  - 2x Red 1x1 Technic brick
  - 2x Yellow 1x2 Technic Technonut
  - 1x Yellow 1x2 Technic Technonut
  - 1x Yellow 1x2 Technic Technonut



- 5**
- 4x Red 1x3 Technic brick
  - 2x Red 2x2 Technic brick
  - 2x Red 1x3 Technic brick
  - 2x Grey 1x10 Technic beam
  - 1x Red 1x1 Technic brick

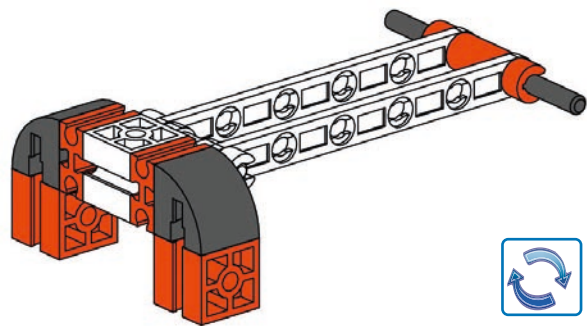
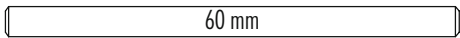


- 6**
- 1x Red and black motor
  - 1x Red 1x3 Technic brick
  - 1x Red 1x1 Technic brick
  - 2x Red 1x3 Technic brick
  - 1x Red 1x1 Technic brick



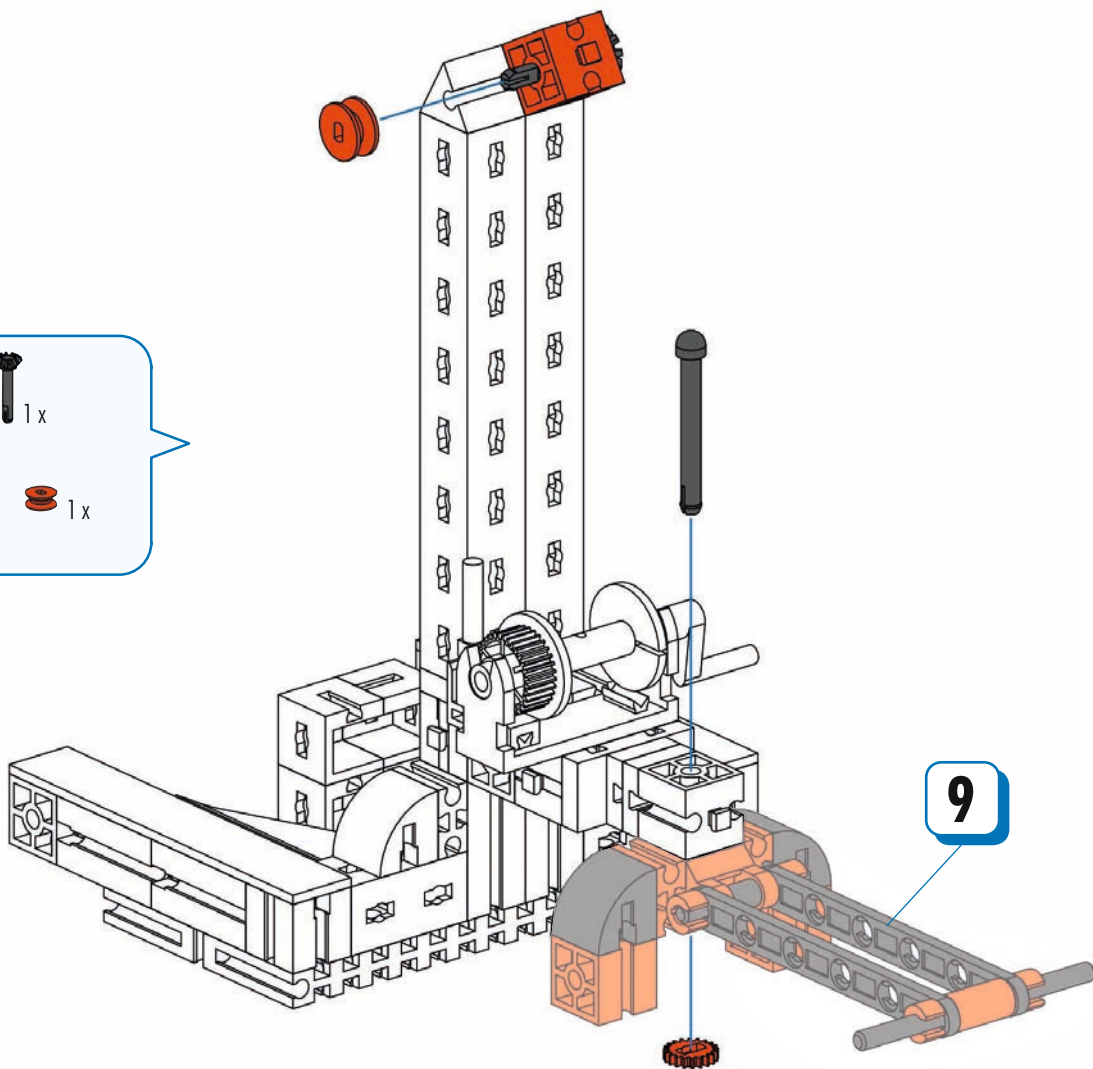
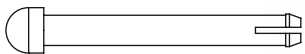
**9**

- 2x (Red 1x2 Technic Bricks)
- 2x (Grey Technic Arch)
- 2x (Red 1x2 Technic Bricks with Hole)
- 1x (Black Technic Pin)
- 1x (Red Technic Pin)
- 2x (Red Technic Pin)

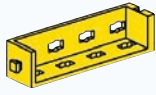


**10**

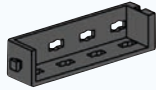
- 1x (Red 1x2 Technic Brick with Hole)
- 1x (Black Technic Pin)
- 1x (Black Technic Pin)
- 1x (Red Technic Pin)
- 1x (Red Technic Pin)



11



2 x



2 x



2 x



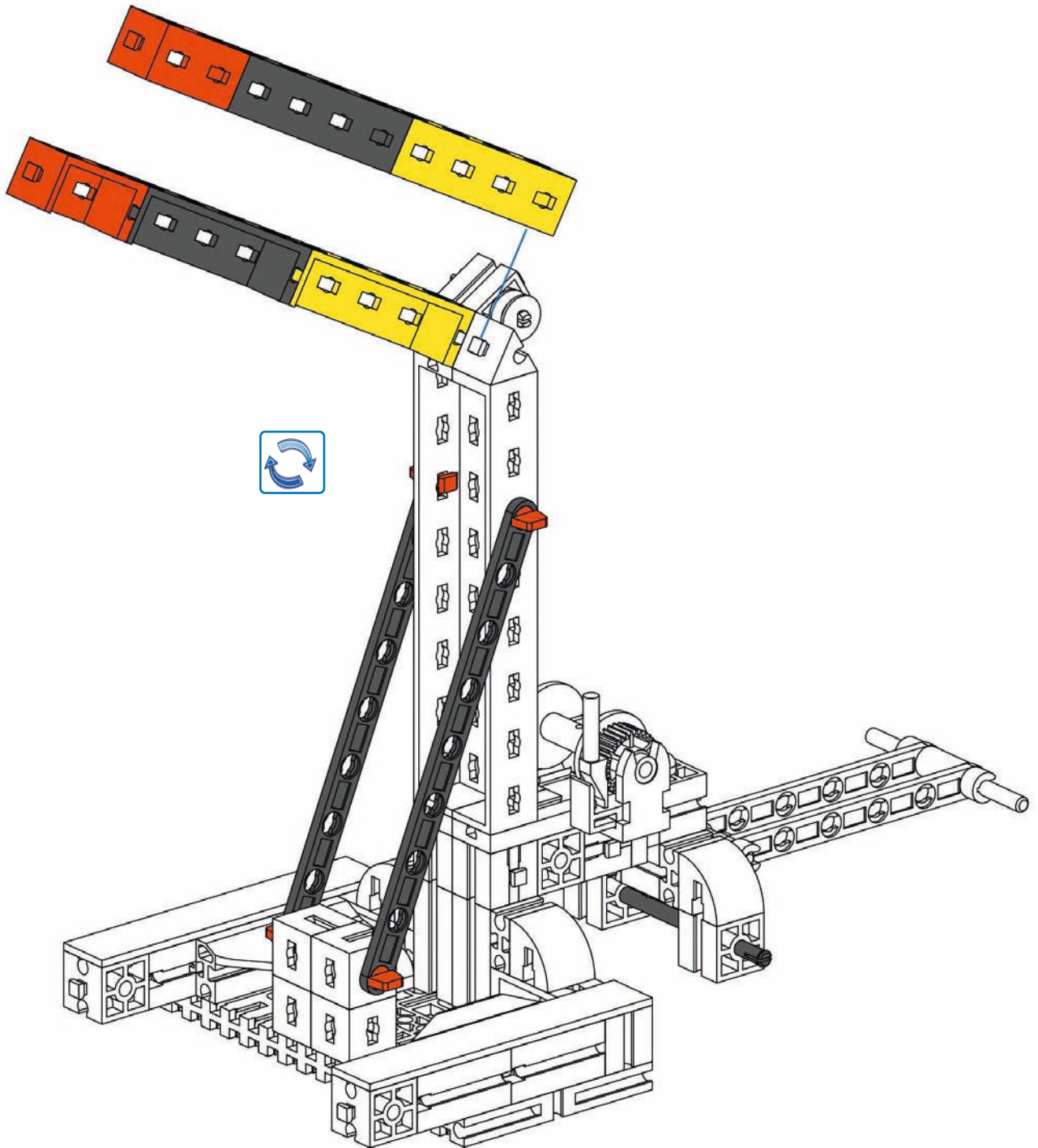
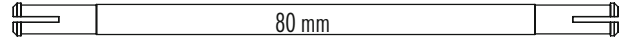
2 x



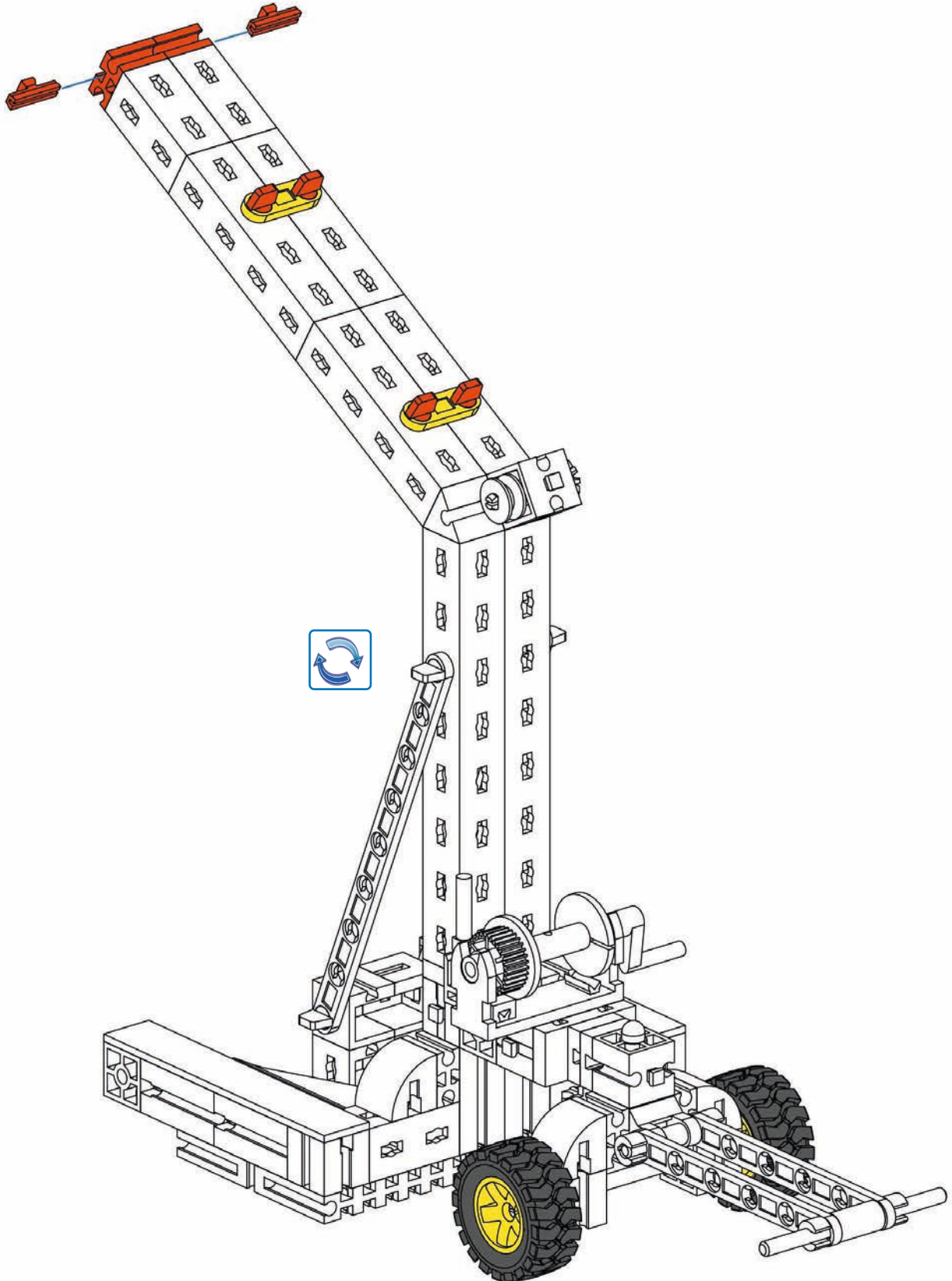
4 x

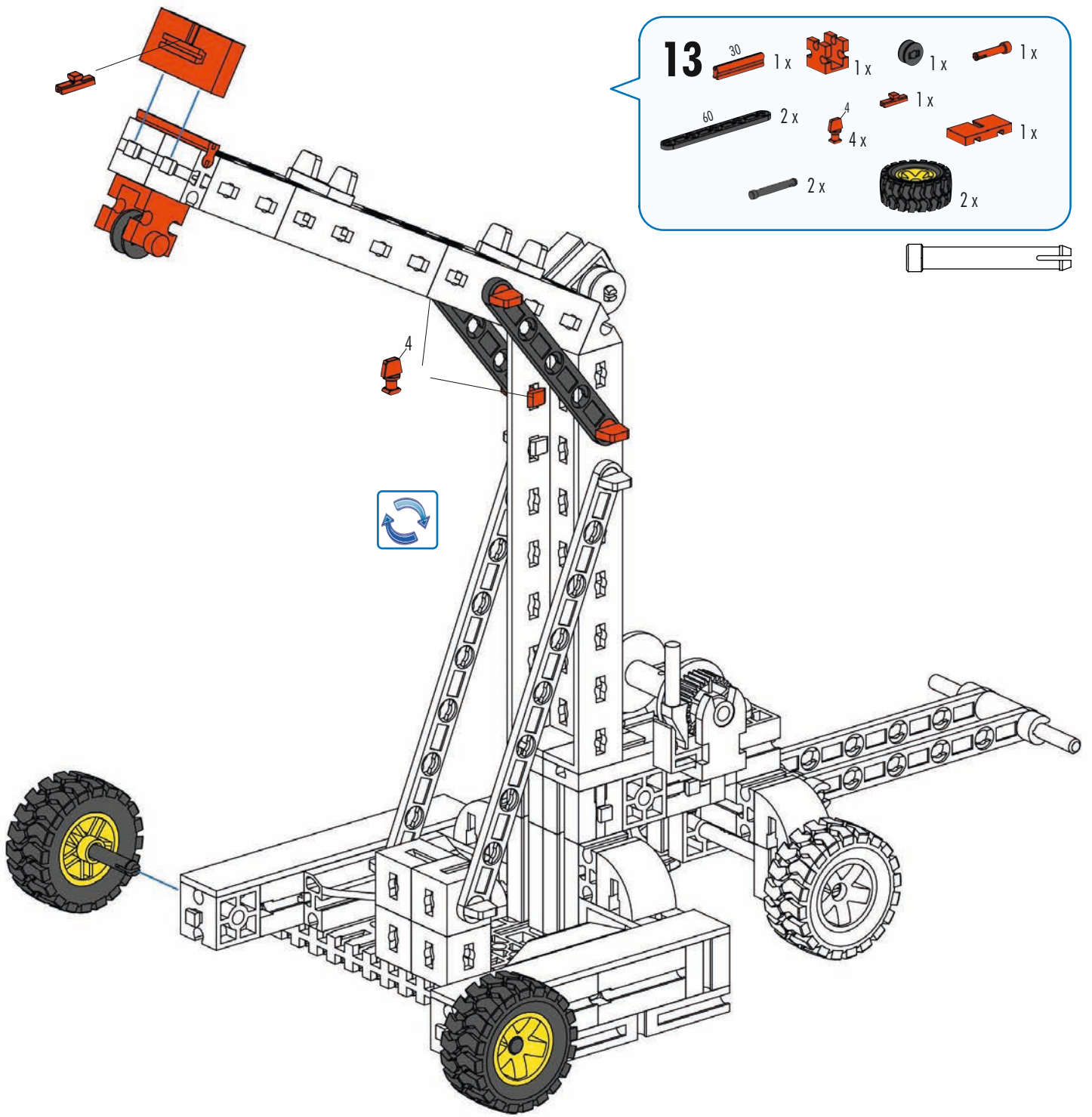


1 x

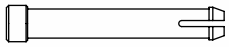


12



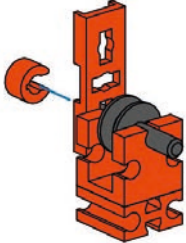


- 13**
- 30 1x
  - 1x
  - 1x
  - 1x
  - 1x
  - 60 2x
  - 4 4x
  - 1x
  - 1x
  - 2x
  - 2x



- 14**
- 1x
  - 1x
  - 1x
  - 30 1x
  - 1x
  - 1x

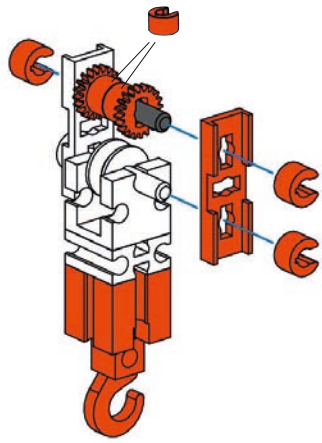
30 mm



**15**

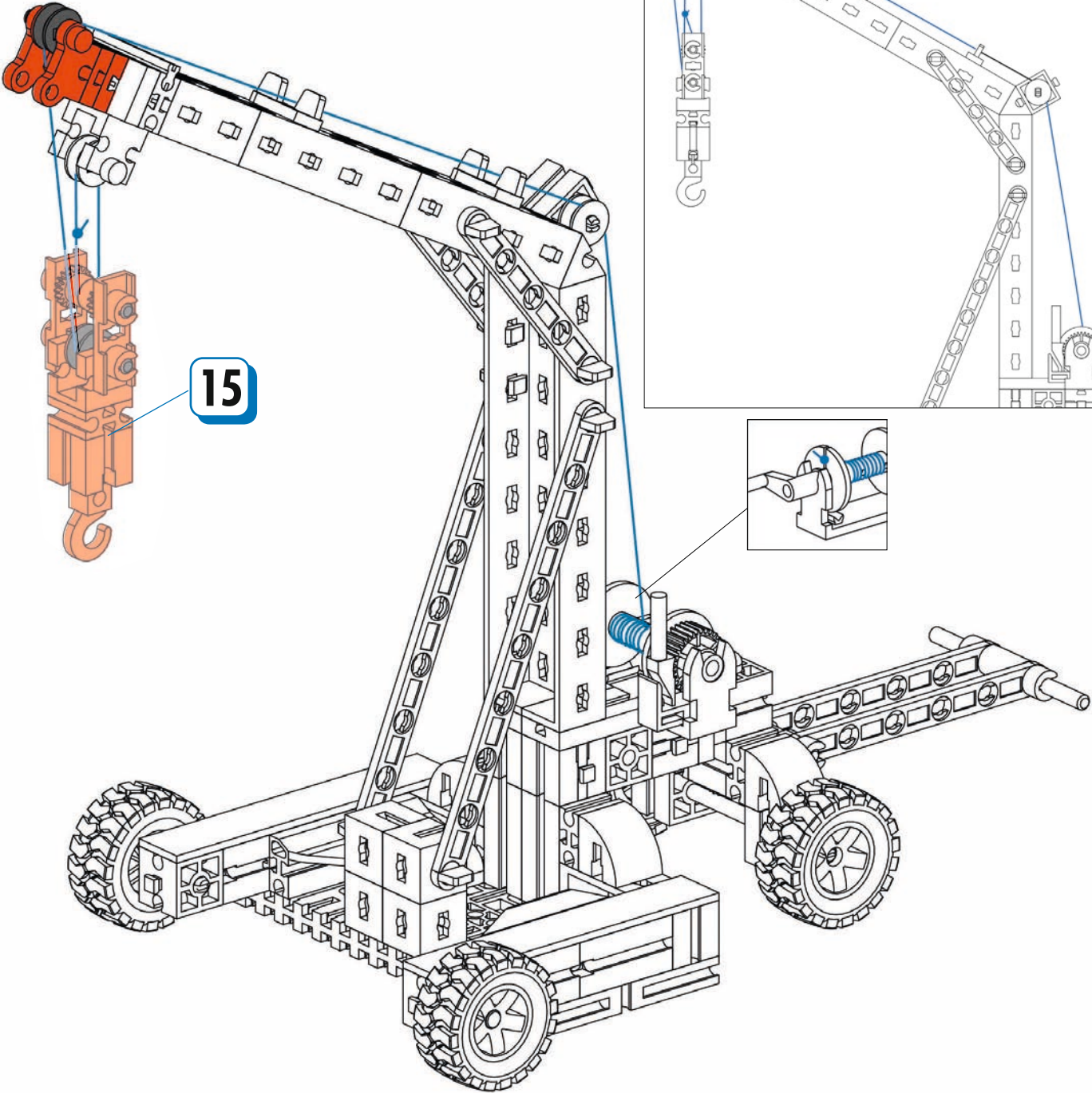
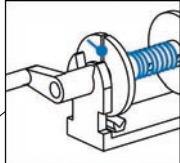
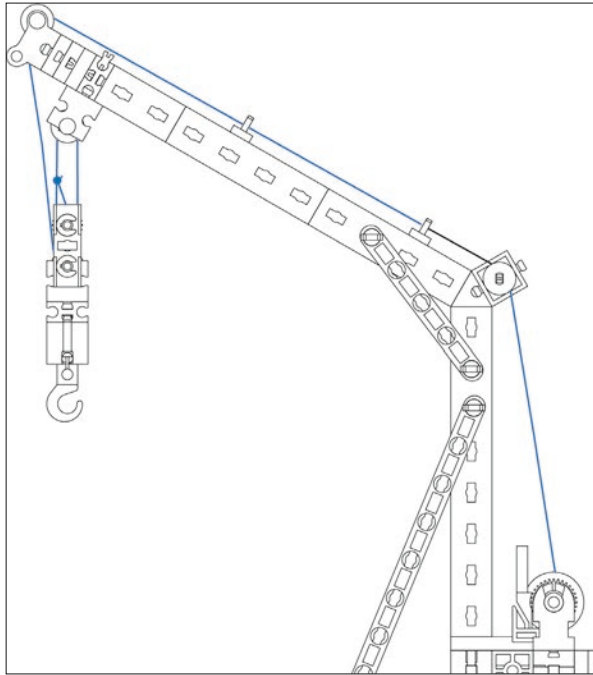
- 1x
- 1x
- 1x
- 1x
- 2x
- 5x

30 mm

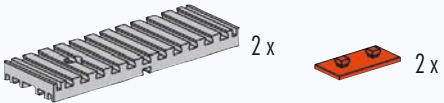



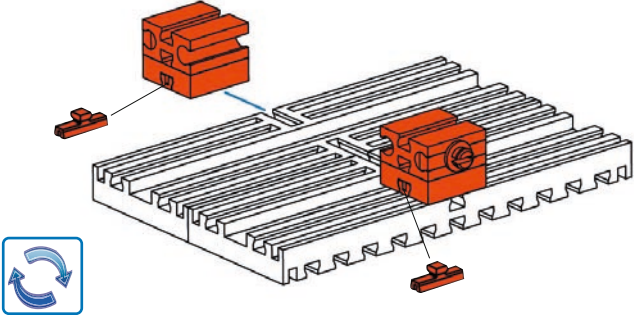
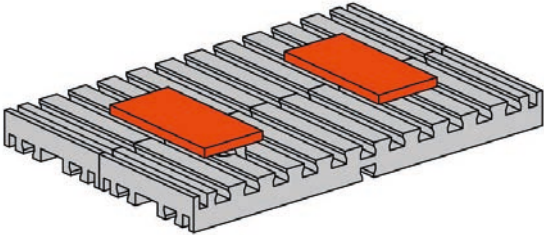
**16**





- 1x
- 2x
- 1x
- 1x
- 1x




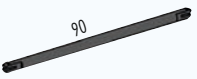



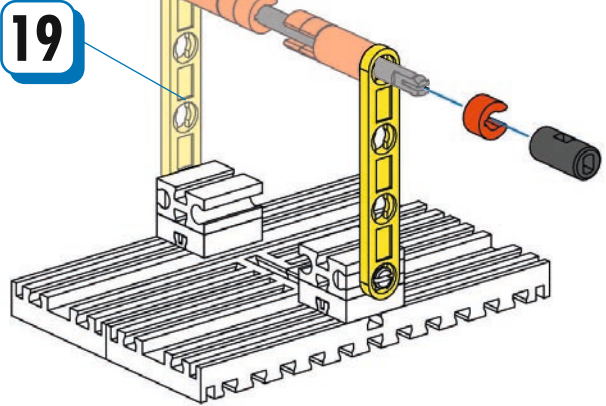
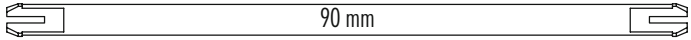
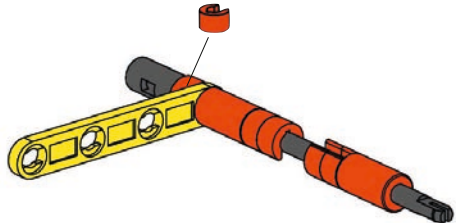
**15**

**17**  2x  2x

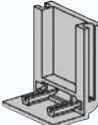
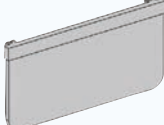


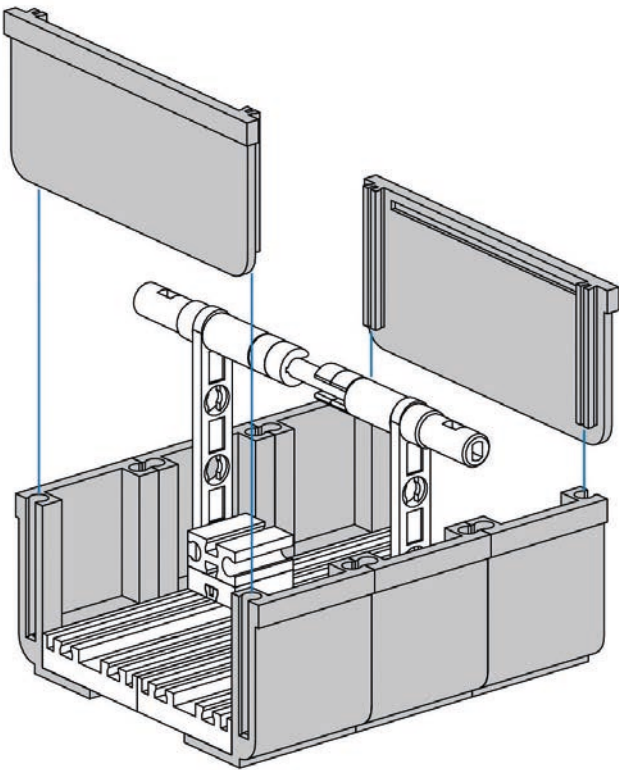
**18**  2x  2x  2x  2x

**19**  1x  2x  5x  
 1x  1x

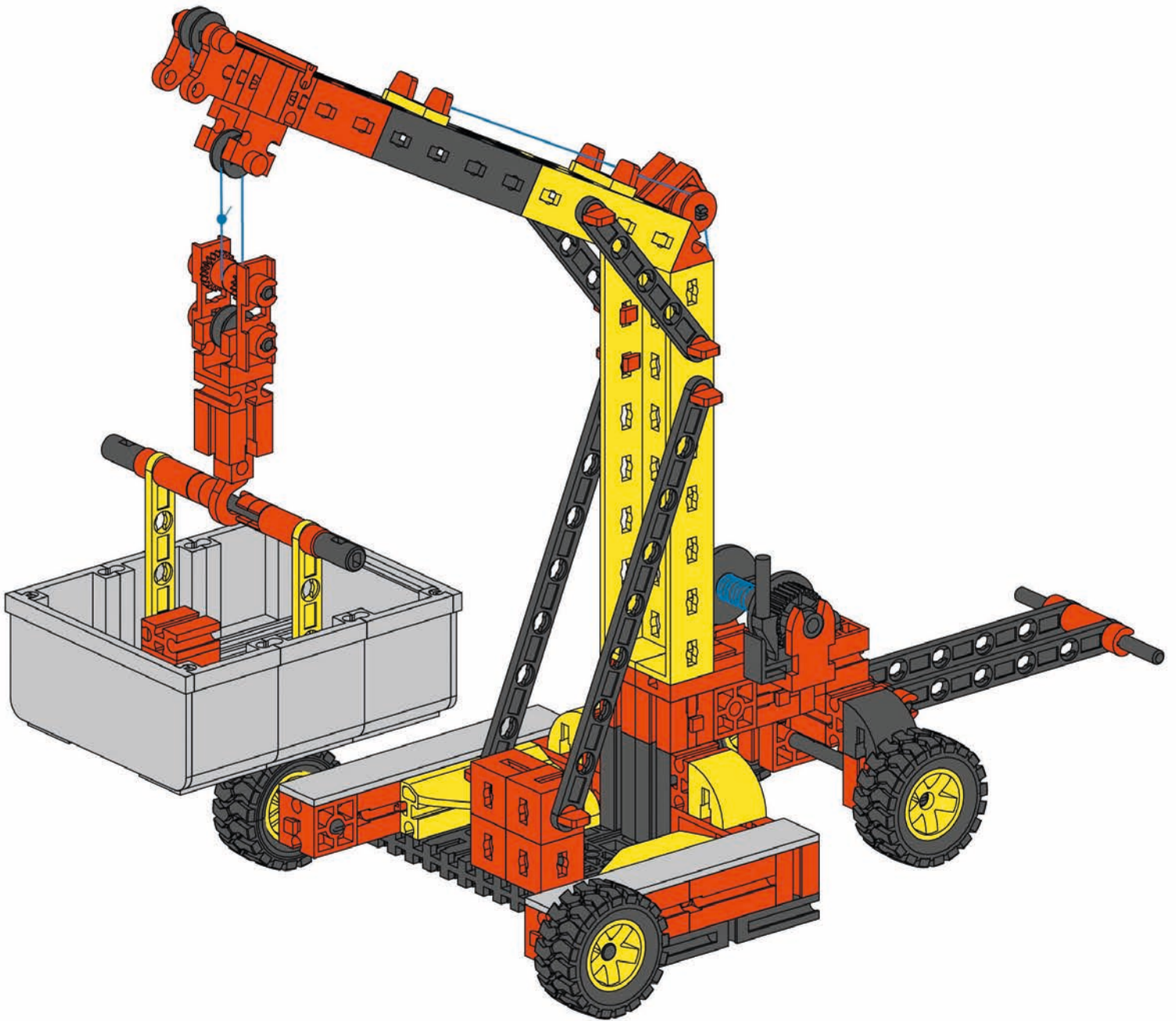


**20**  1x  1x  1x

**21**  6x  2x







Motorisierung  
Motorization  
Motorisation

Motorisering  
Motorización  
Motorizaçáo

Motorizzazione

Приводной механизм  
电动卷扬机 机动化与



Motor Set XS 505 281

Bauanleitung Plus Sets Universal 4 / Building instructions PLUS sets for Universal 4 / Instructions de montage PLUS Sets pour Universal 4 / Bouwinstructie PLUS-sets voor Universal 4 / Instrucciones de montaje PLUS Sets para Universal 4 / Instruções de montagem PLUS Kits para Universal 4 / Istruzioni per la costruzione dei kit PLUS per Universal 4 / Руководство по сборке комплектов PLUS для Universal 4 / Universal 4 升级套件组装说明书

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Raupenkran

Track mounted crane

Grue mobile sur chenilles

Kraan op rupsbanden

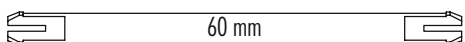
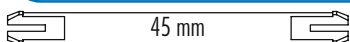
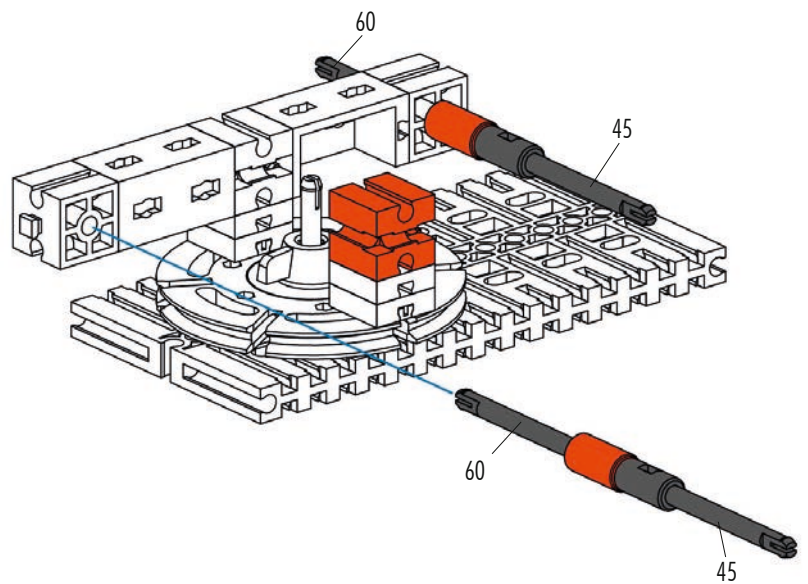
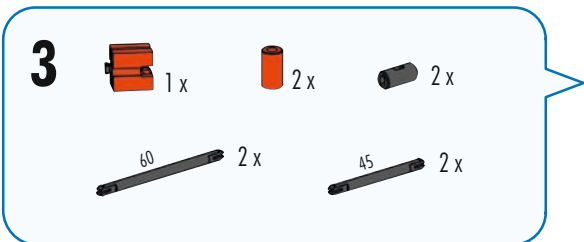
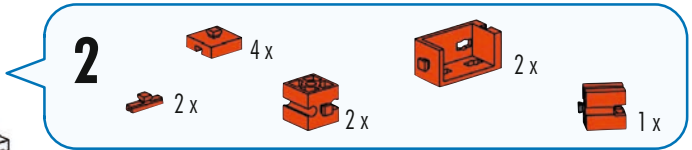
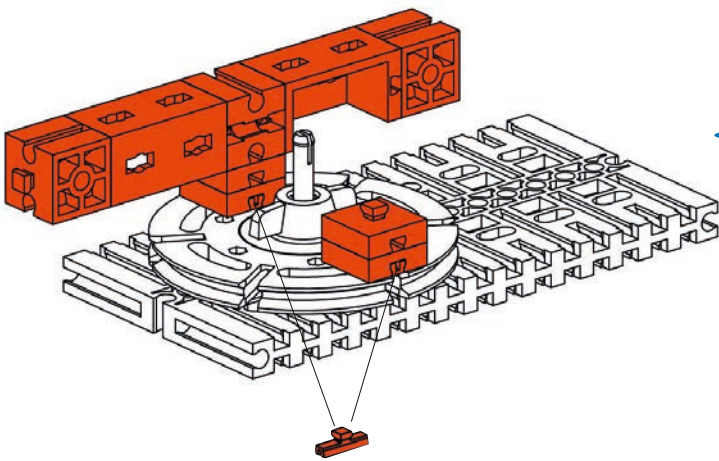
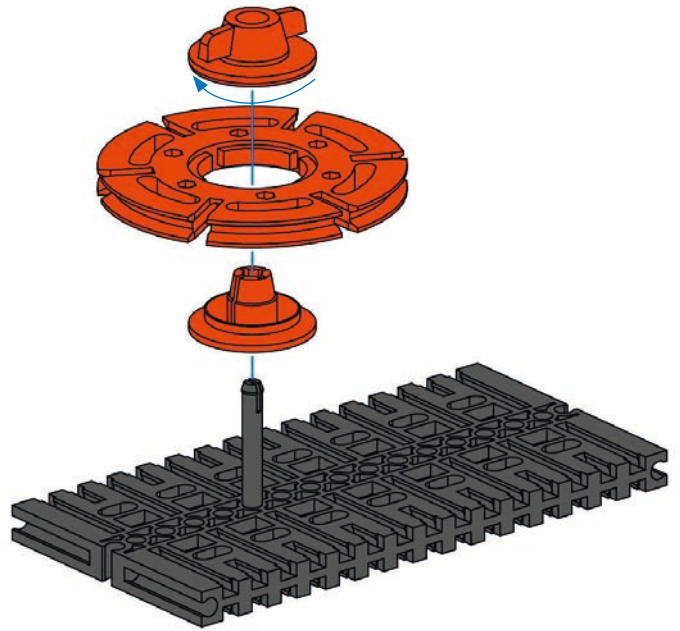
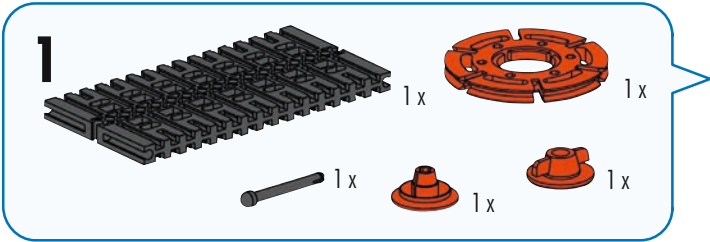
Grúa de orugas

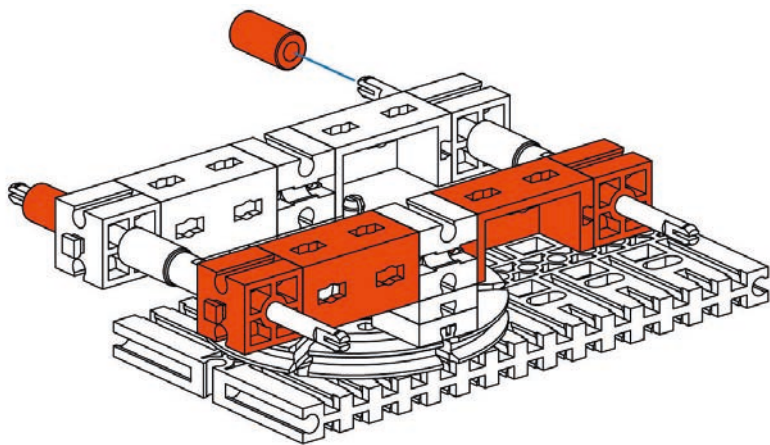
Guindaste de lagarta




Gru di recupero materiale




Гусеничный кран

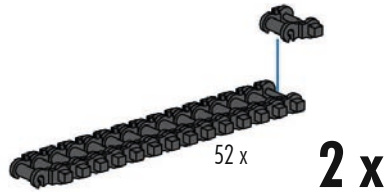
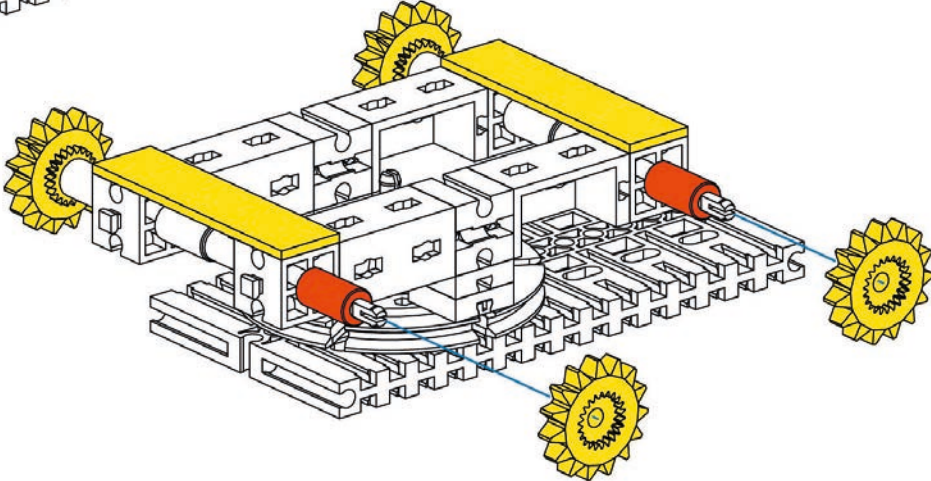
履带式吊车







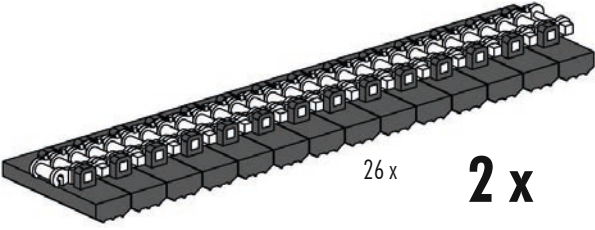
- 4**  2x  2x  2x




- 5**  2x  4x  2x

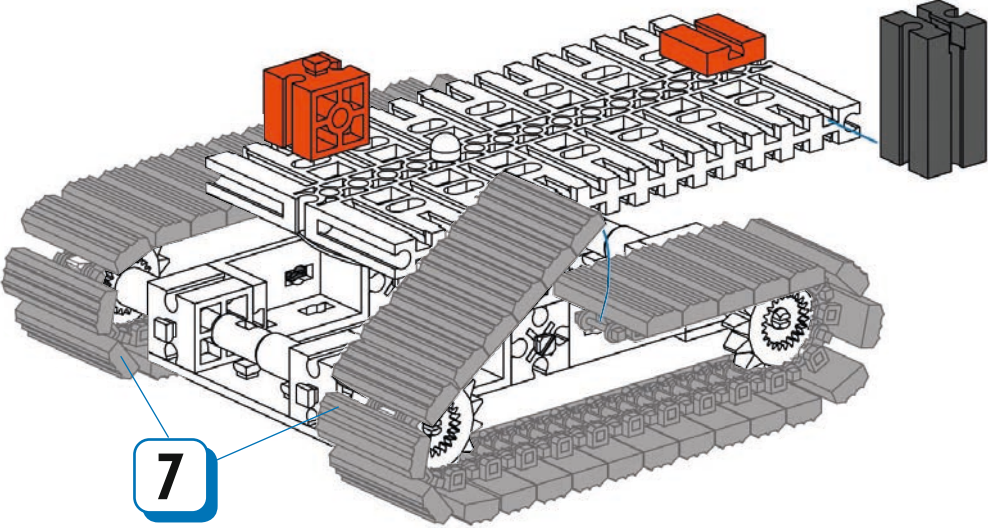


- 6**  104x

- 7**  52x

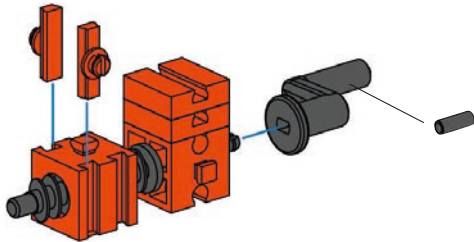


- 8**  1x  1x  1x



**9**

- 1x Orange 2x2 Technic Brick with Hole
- 1x Orange 2x2 Technic Brick with Hole
- 2x Orange 1x2 Technic Brick with Hole
- 2x Orange 1x2 Technic Brick with Hole
- 1x Black Axle
- 1x Black L-Bracket
- 1x Black Pin

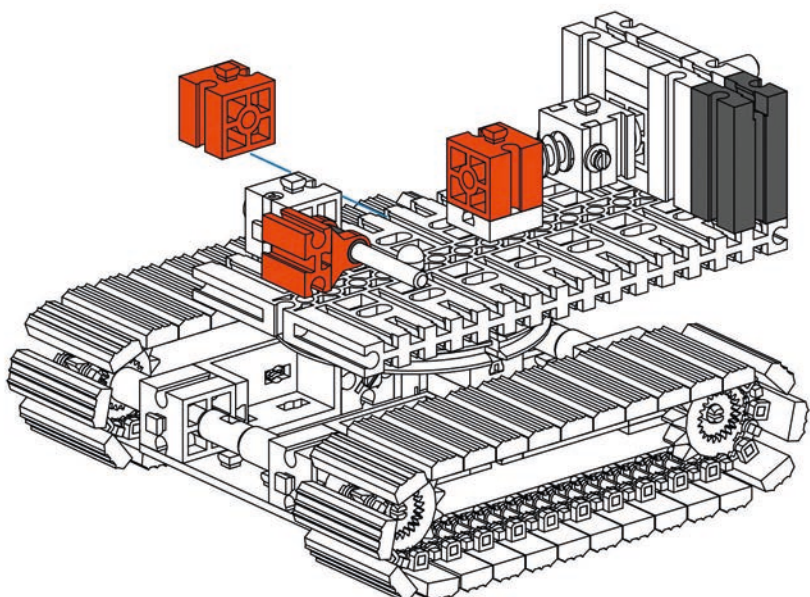
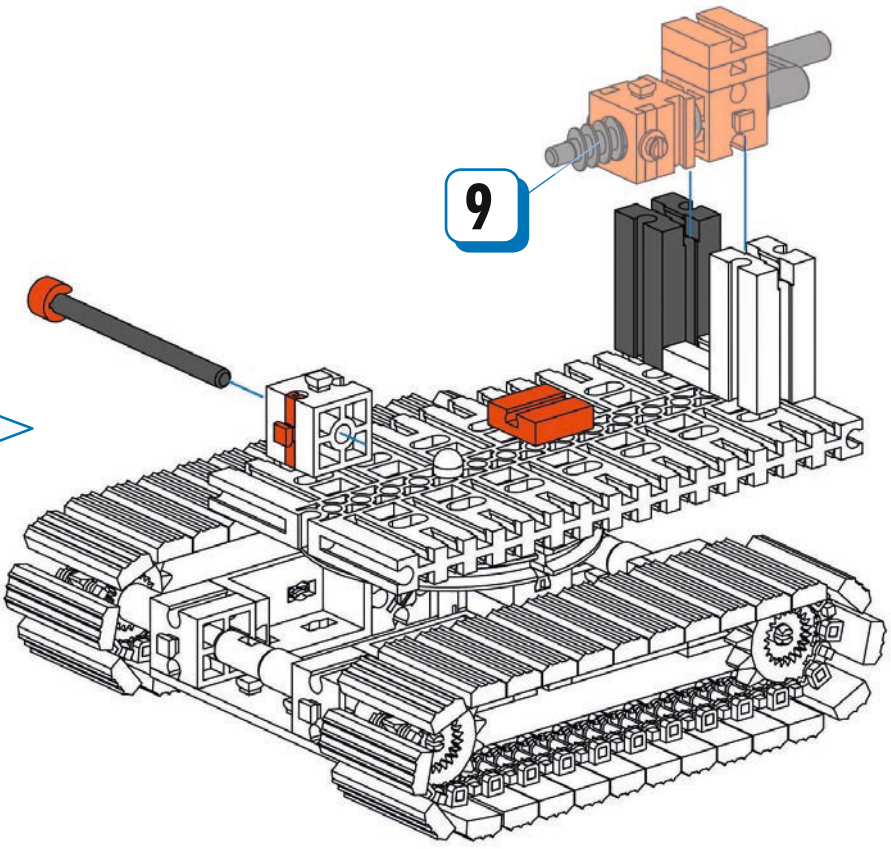


**9**

**10**

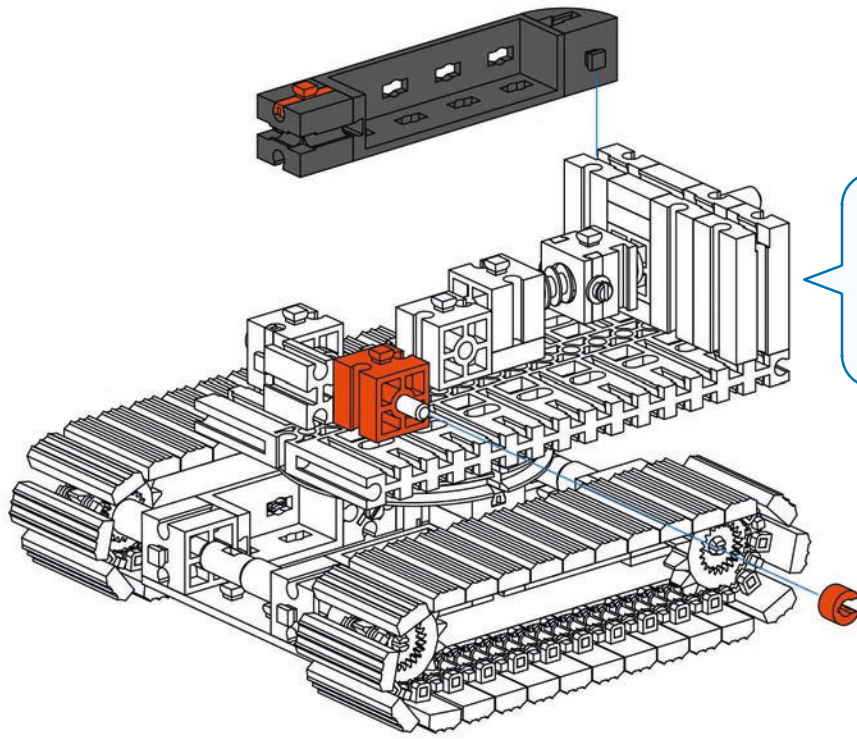
- 1x Black 2x4 Technic Beam
- 1x Orange 2x2 Technic Brick with Hole
- 1x Orange 1x2 Technic Brick with Hole
- 1x Black Pin
- 1x Black Axle (60 mm)
- 1x Orange 1x2 Technic Brick with Hole


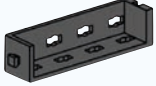




60 mm










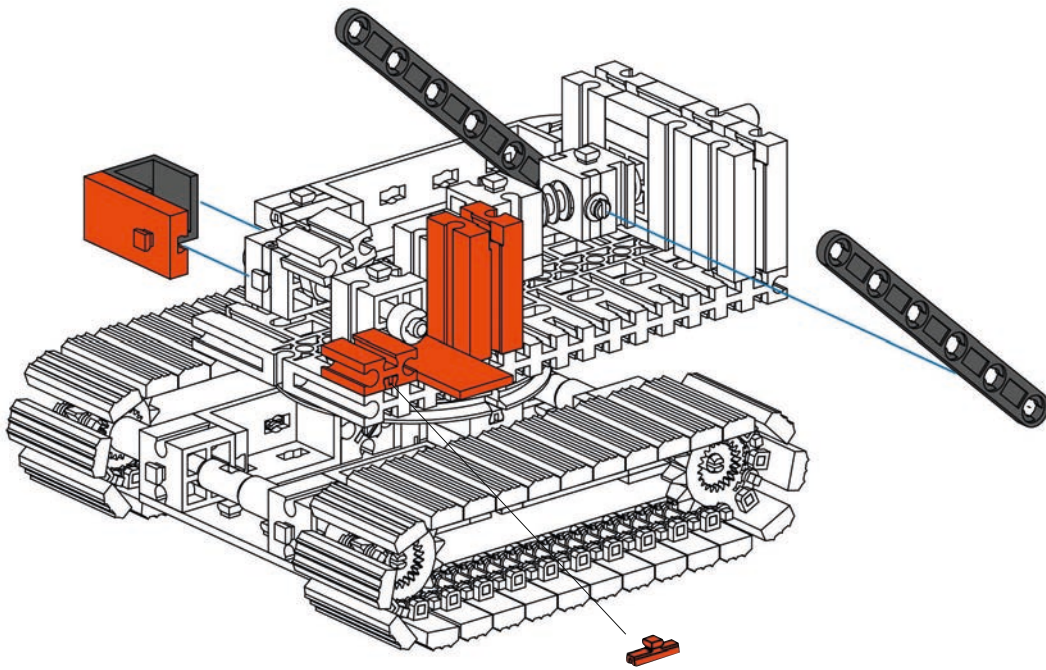
**11**

- 1x Black 2x4 Technic Beam
- 2x Orange 2x2 Technic Brick with Hole
- 1x Orange 1x2 Technic Brick with Hole
- 1x Orange 1x2 Technic Brick with Hole



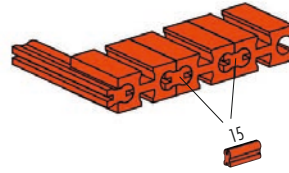
- 12**
-  1x
  -  1x
  -  1x
  -  1x
  -  1x
  -  1x

- 13**
-  1x
  -  1x
  -  1x
  -  1x
  -  1x
  -  2x
  -  1x



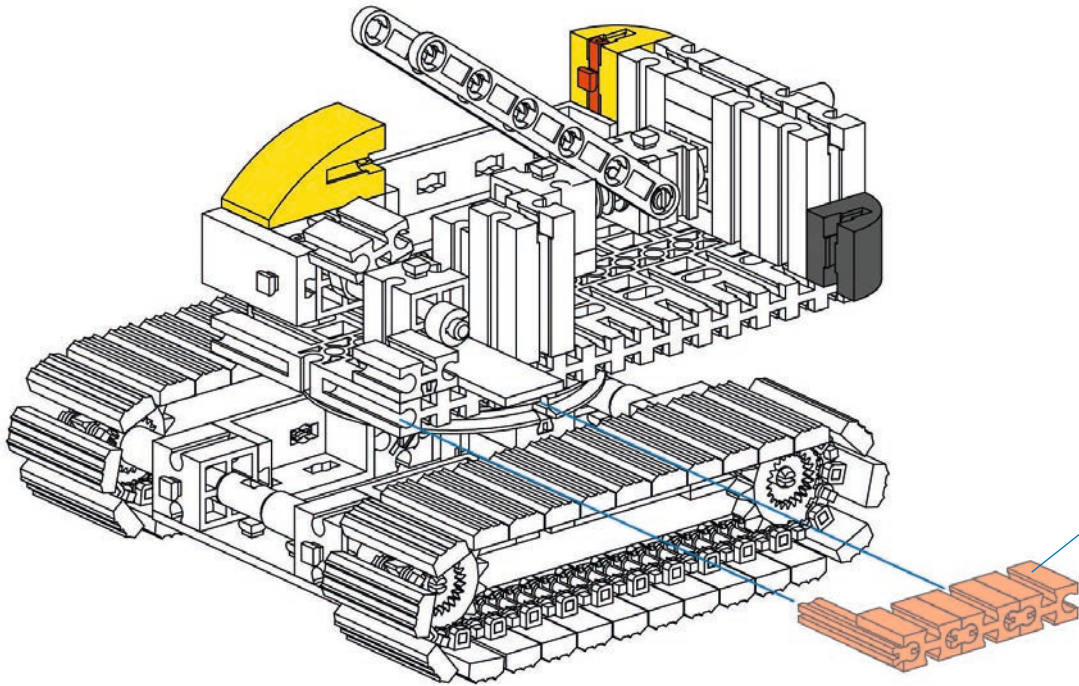
14

- 3x
- 30 1x
- 15 2x



15

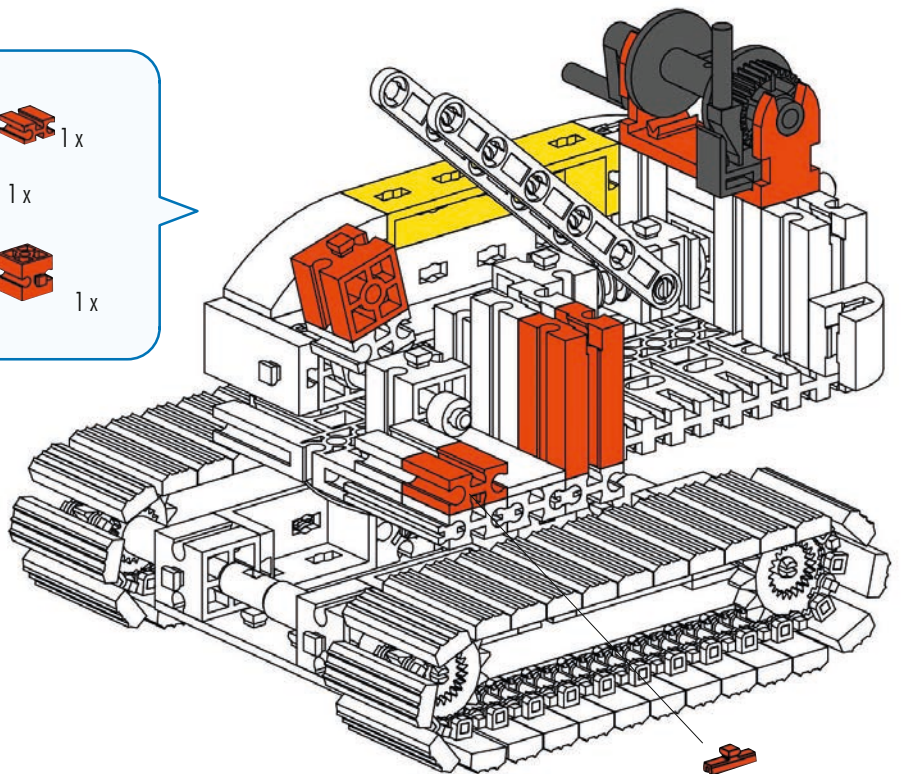
- 1x
- 1x
- 1x
- 1x



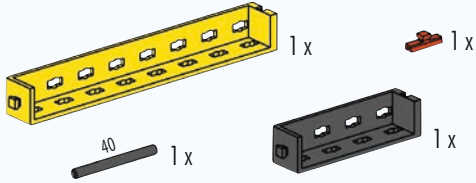
14

16

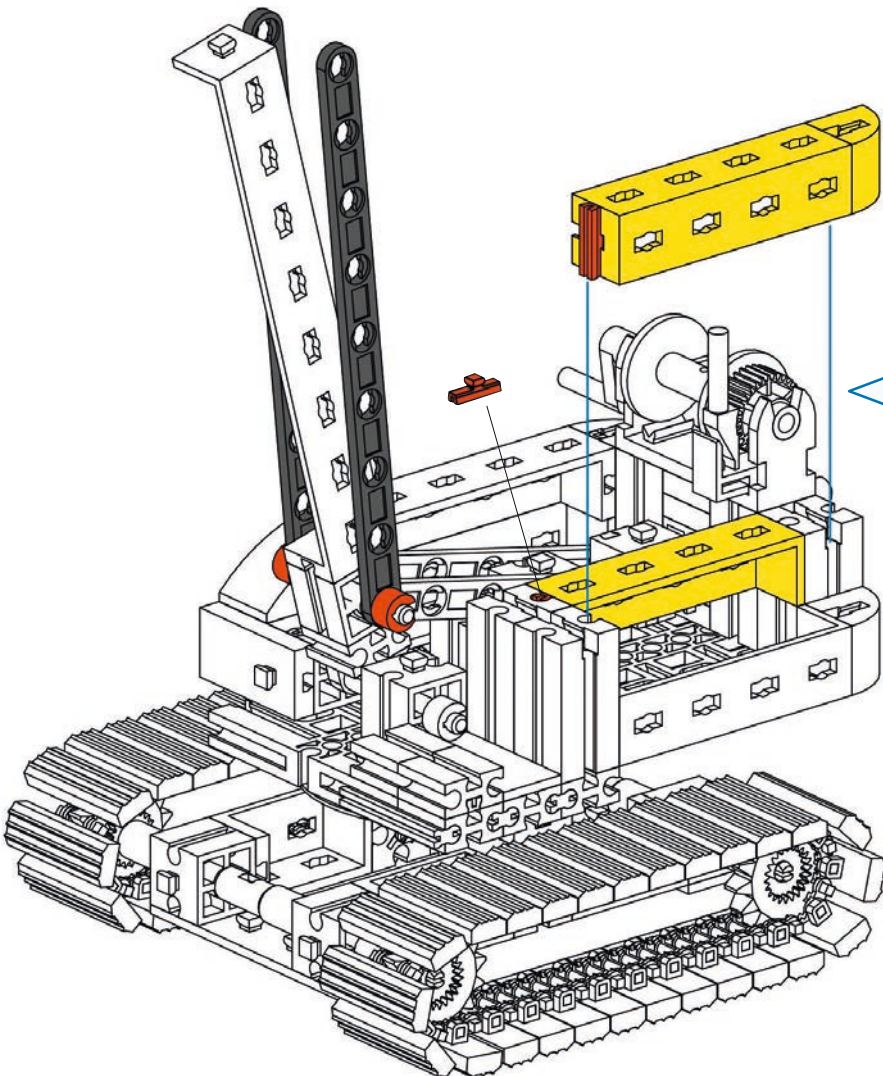
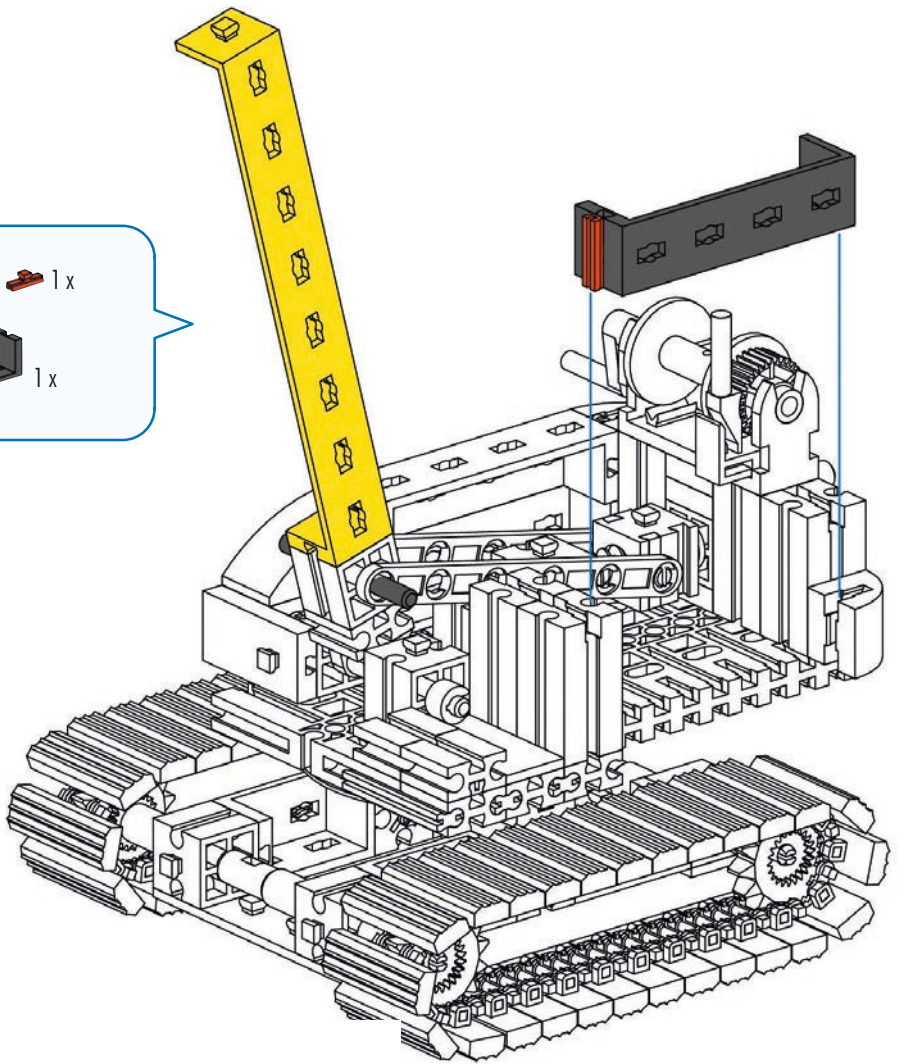
- 1x
- 1x
- 1x
- 1x
- 1x
- 1x
- 1x



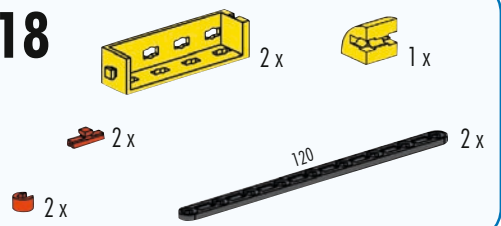
17



40 mm



18



19



2 x



2 x

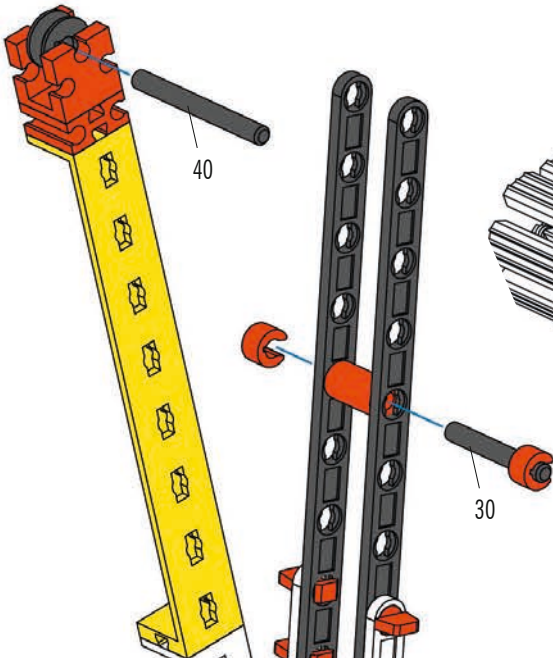


2 x



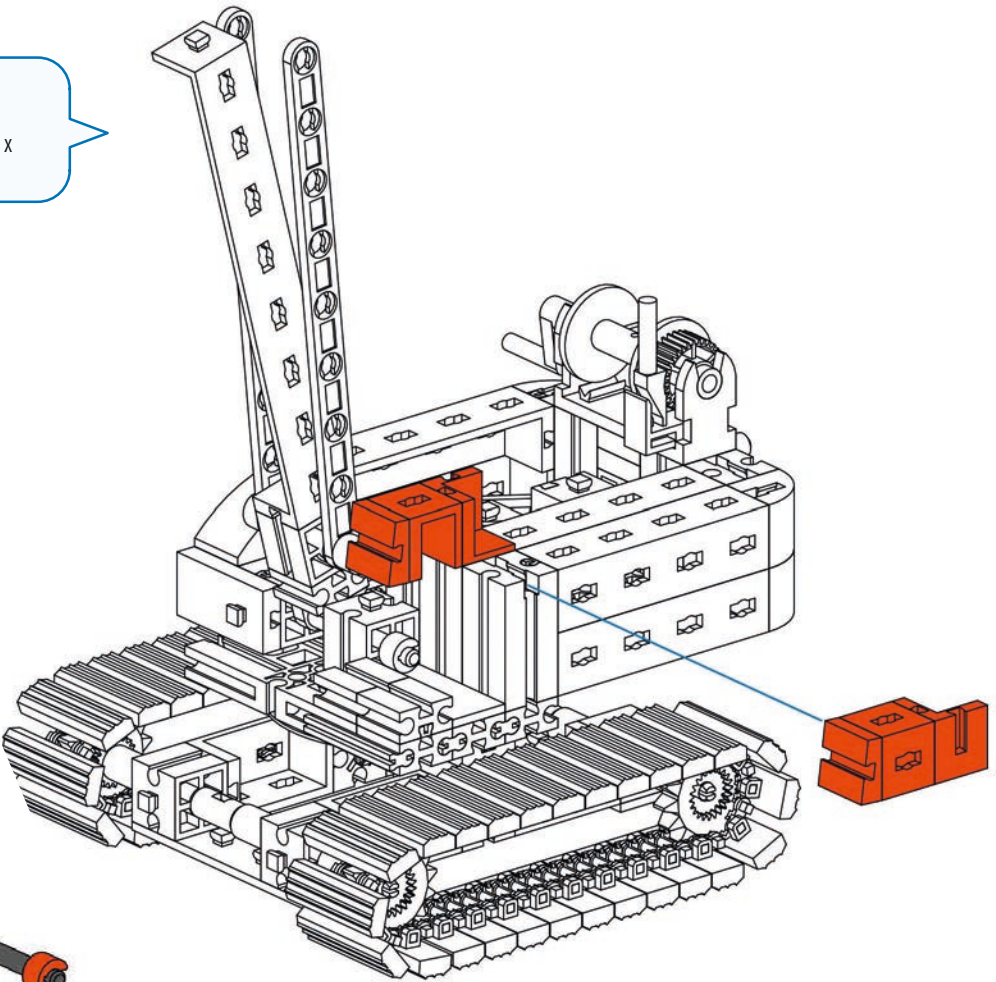
7.5°

7.5°

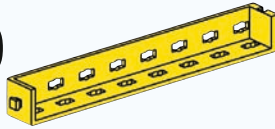


40

30



20



1 x



1 x



1 x



2 x



2 x



4 x



1 x



2 x



1 x

4

4 x

2 x

30

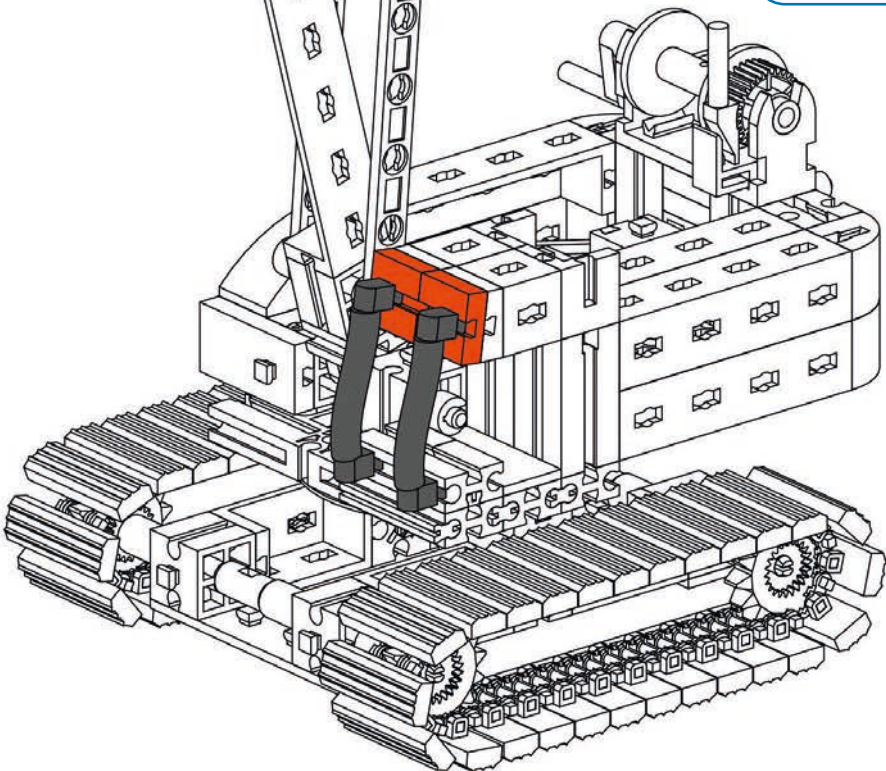
1 x

40

1 x

40 mm

30 mm





21

40 1 x

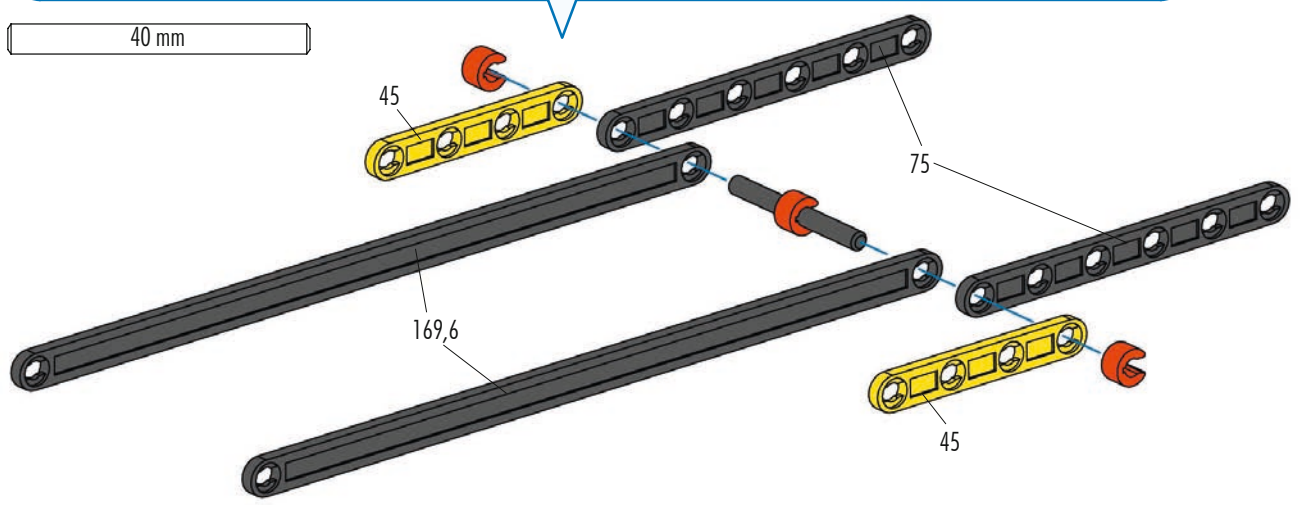
45 2 x

75 2 x

169,6 2 x

3 x

40 mm



30

21

22

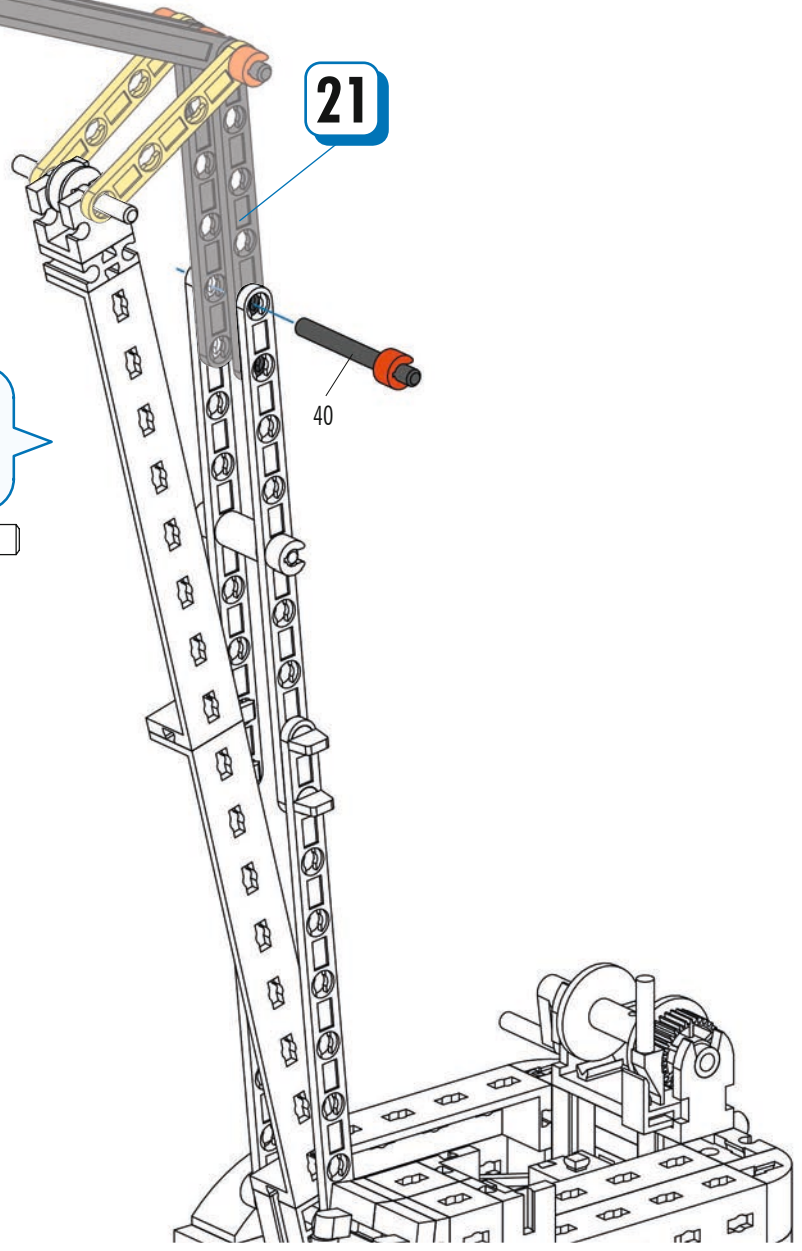
2 x

30 1 x

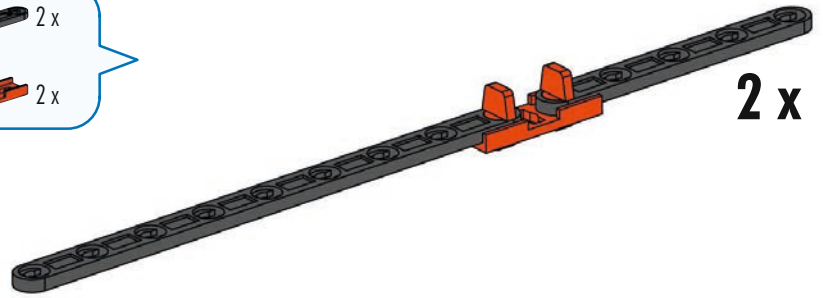
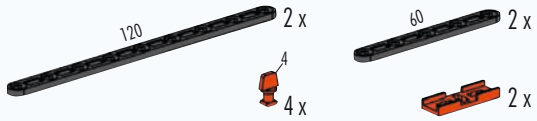
40 1 x

30 mm

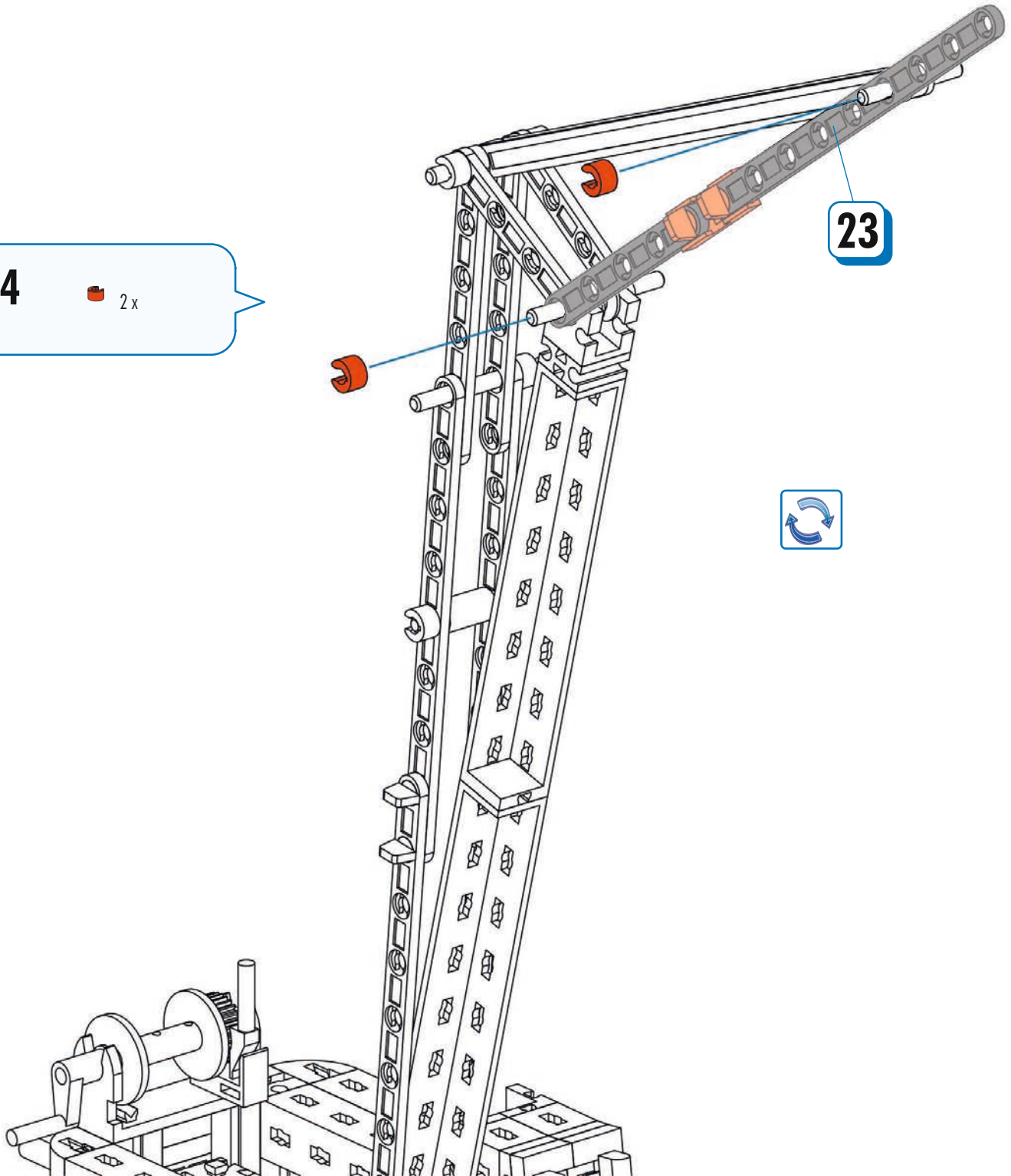
40 mm

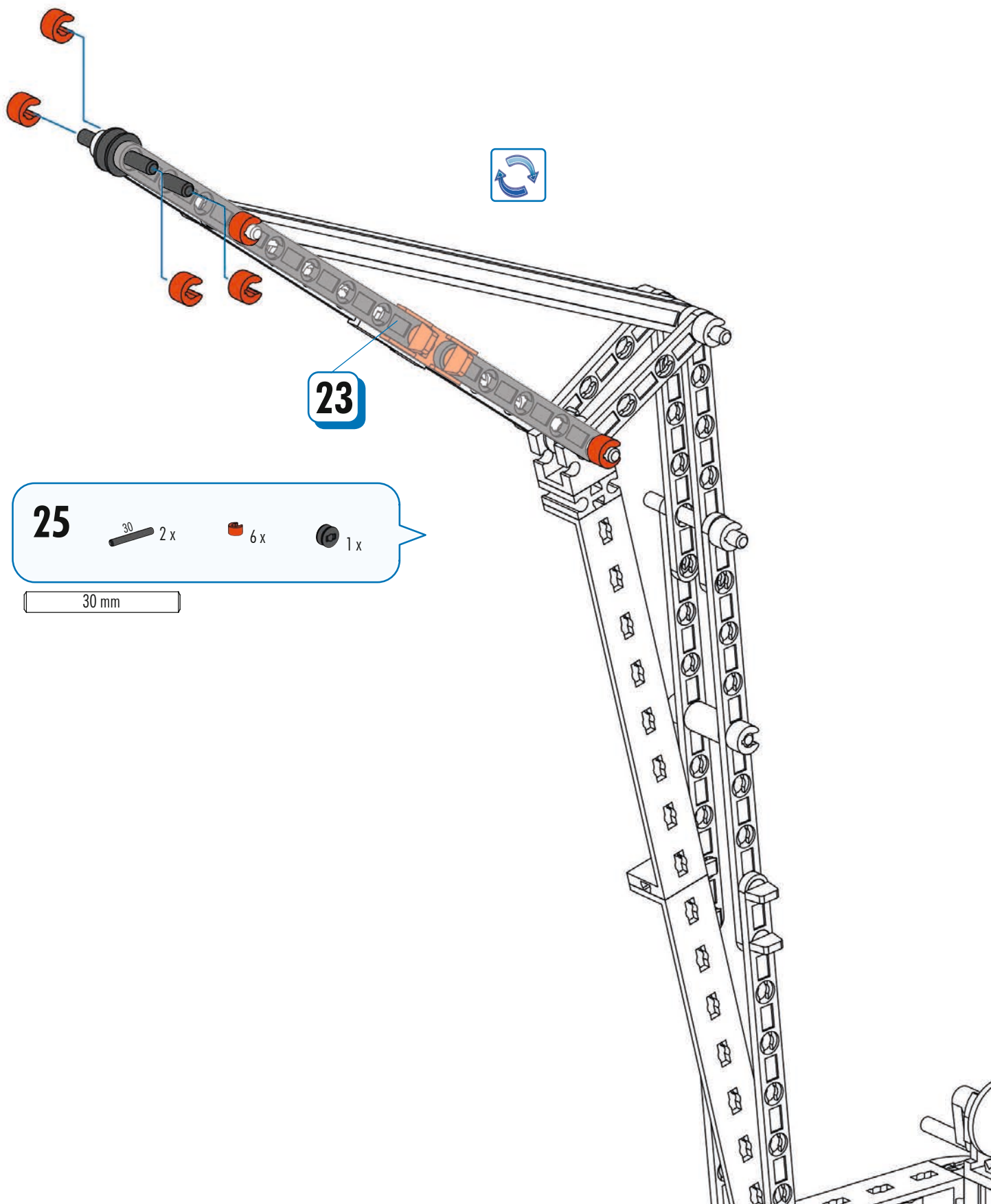


23






24

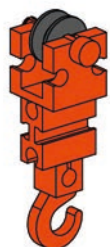









23

**25**  2 x  6 x  1 x

30 mm

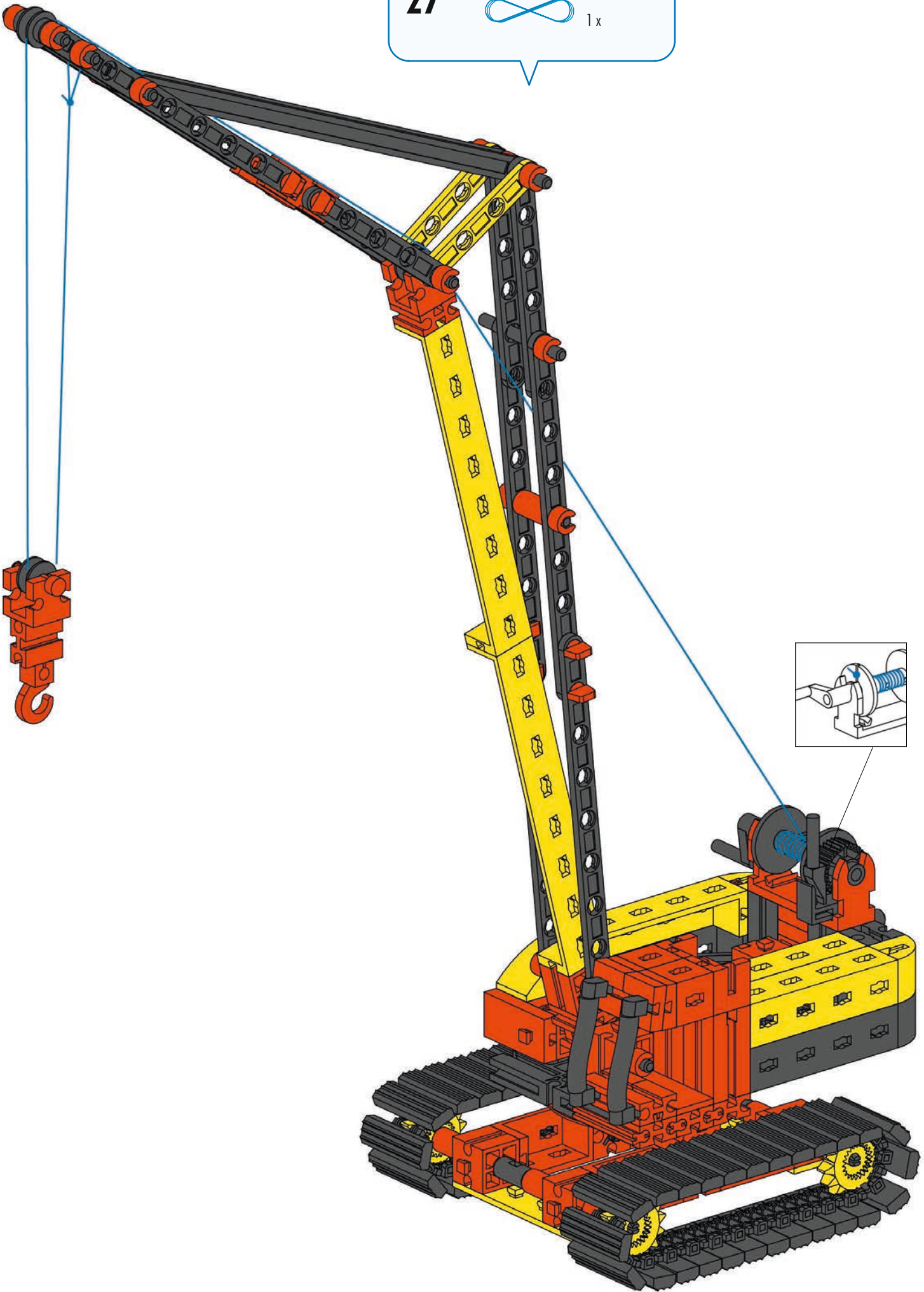


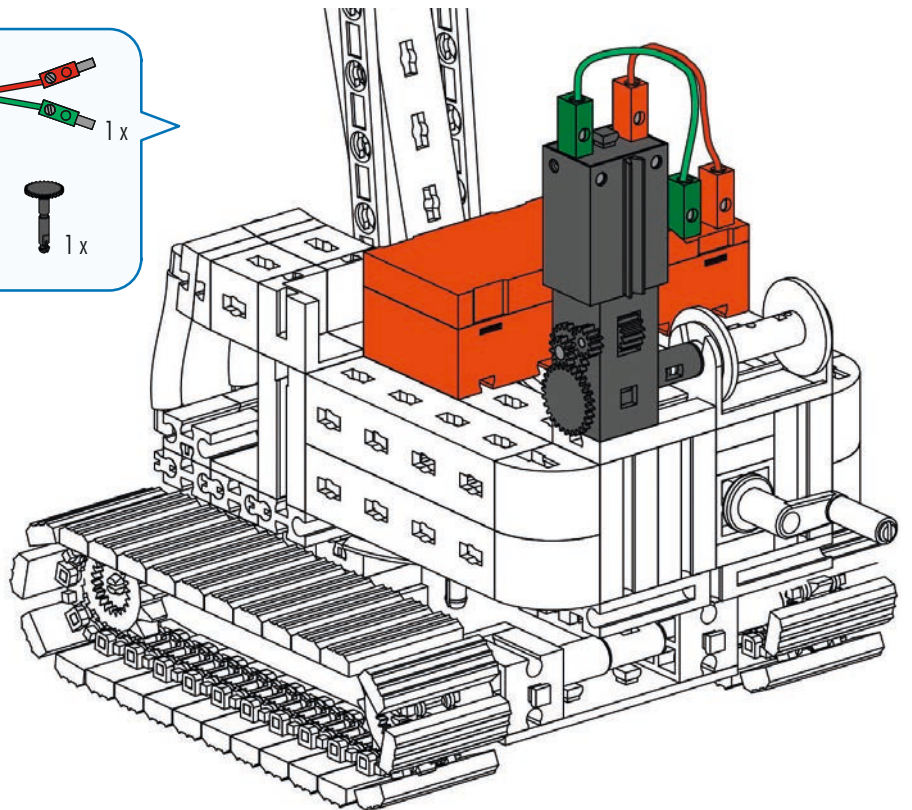
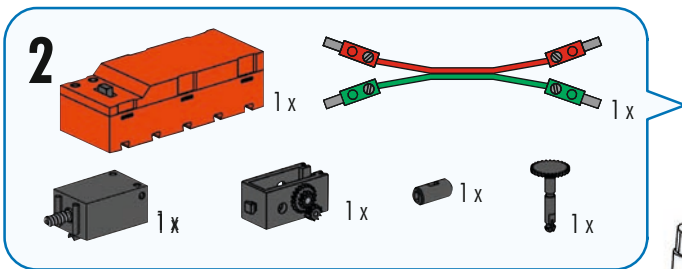
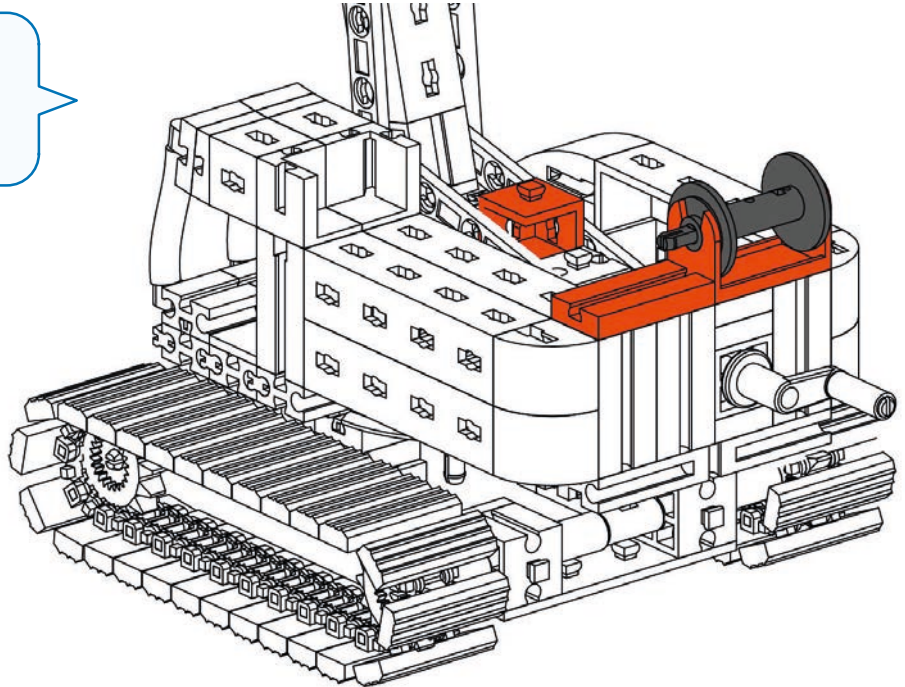
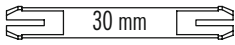
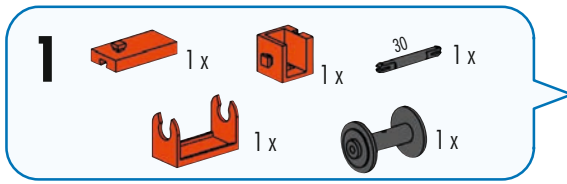
**26**  1 x  1 x  1 x  
 1 x  1 x

27



1x







Turn  
Tower  
Tour

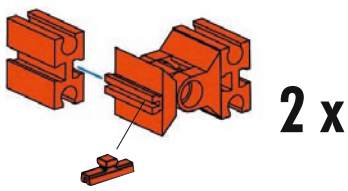
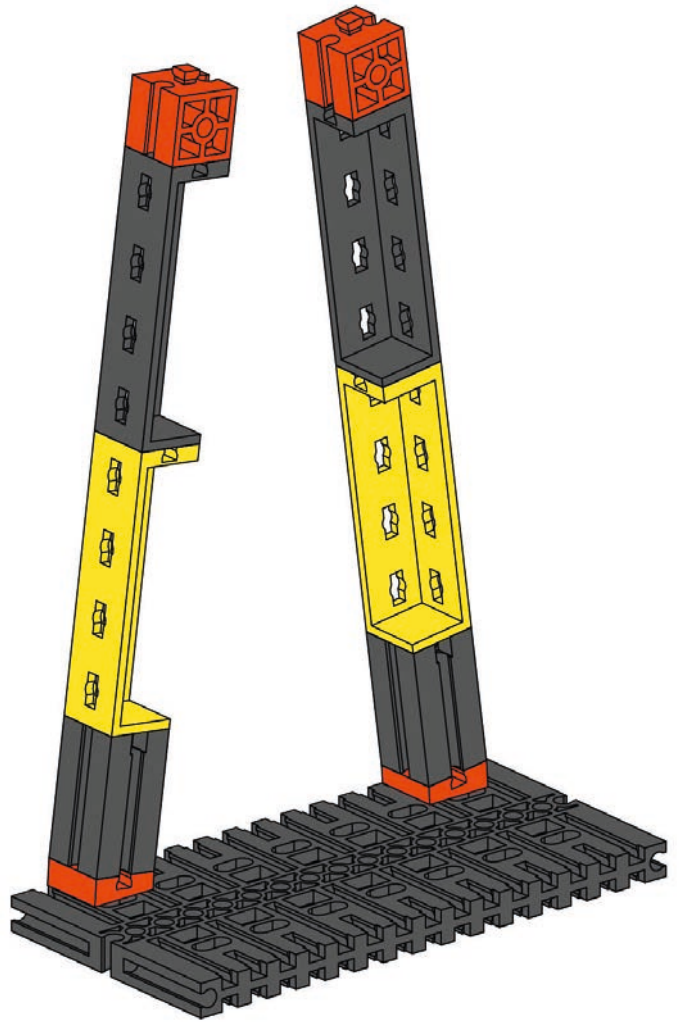
Toren  
Torre  
Torre

Torre  
Башня  
塔

**1**

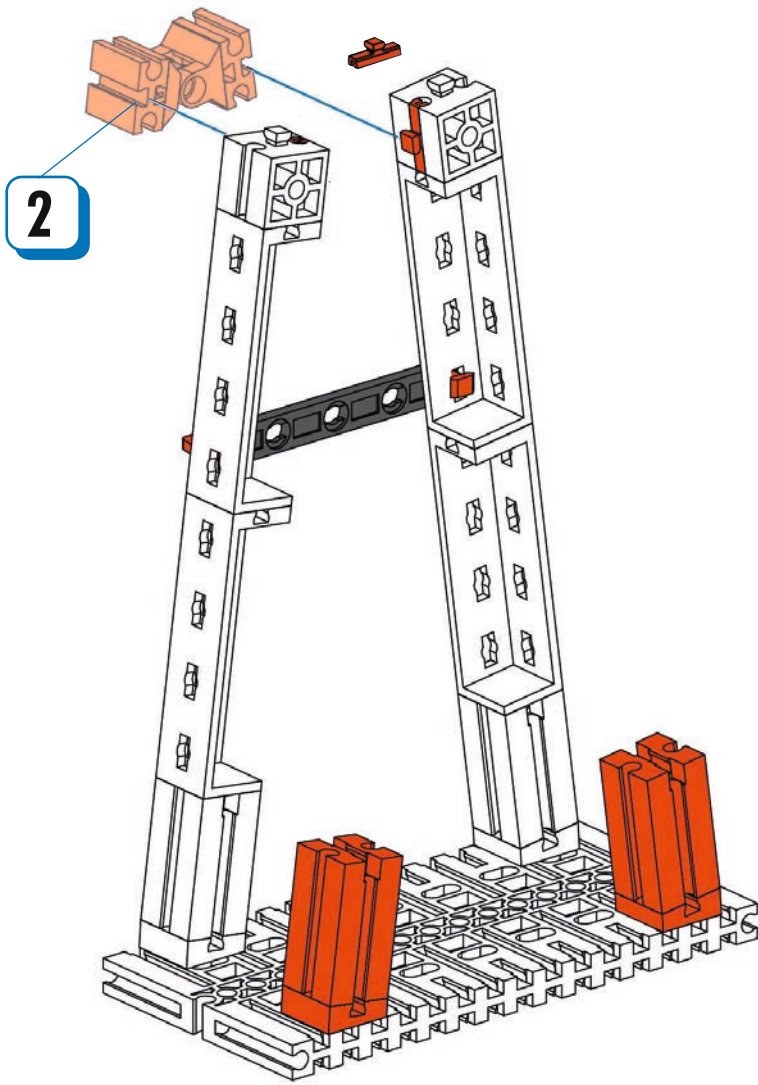
1x  
2x  
2x  
2x  
2x  
2x  
2x

7,5°



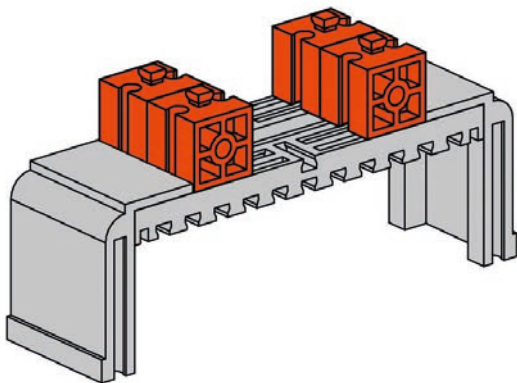
**2**

2x  
4x  
2x



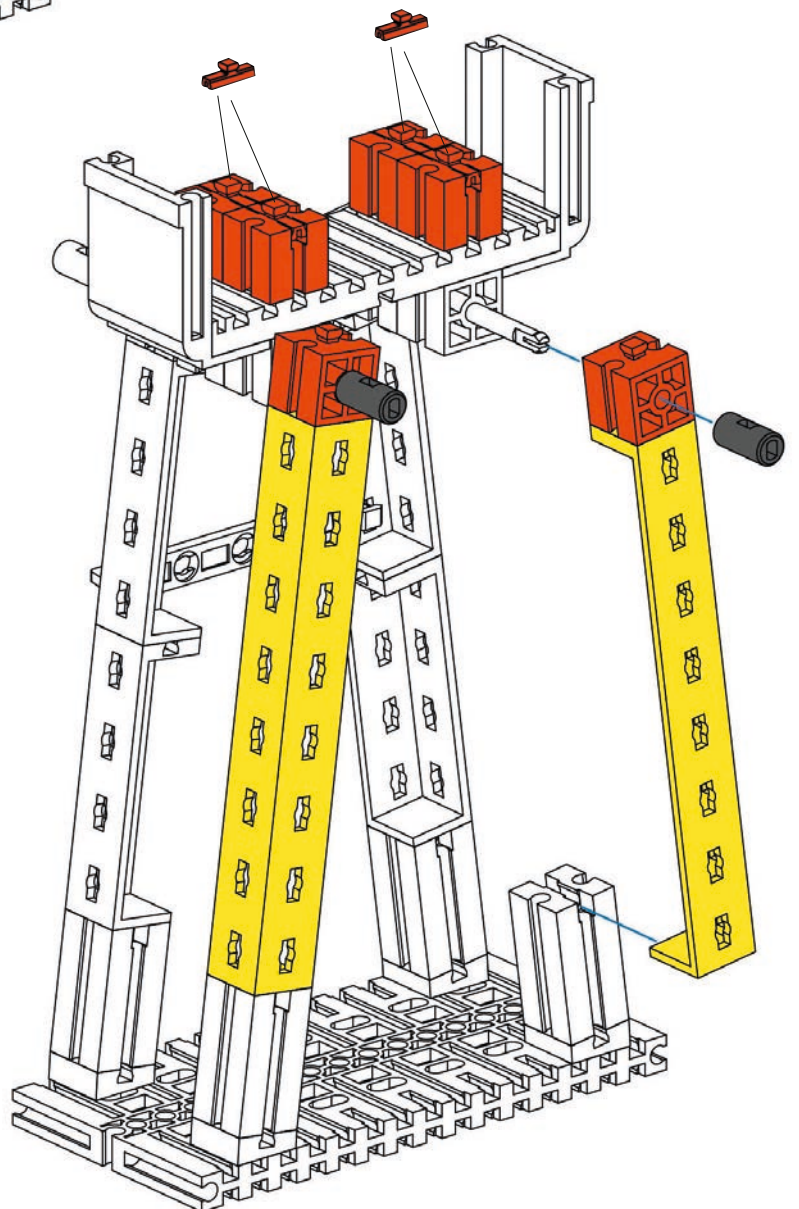
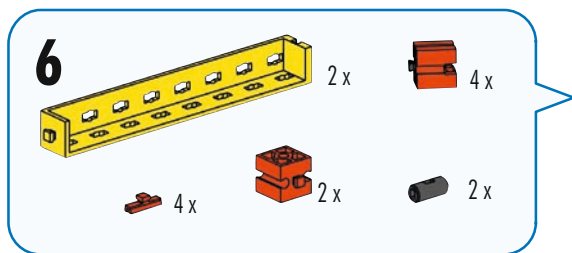
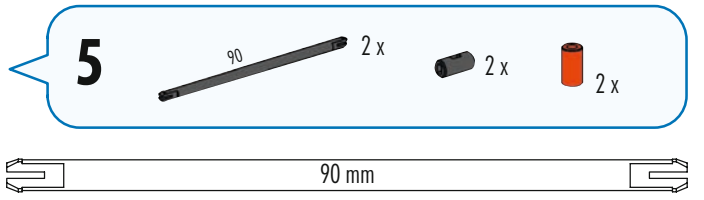
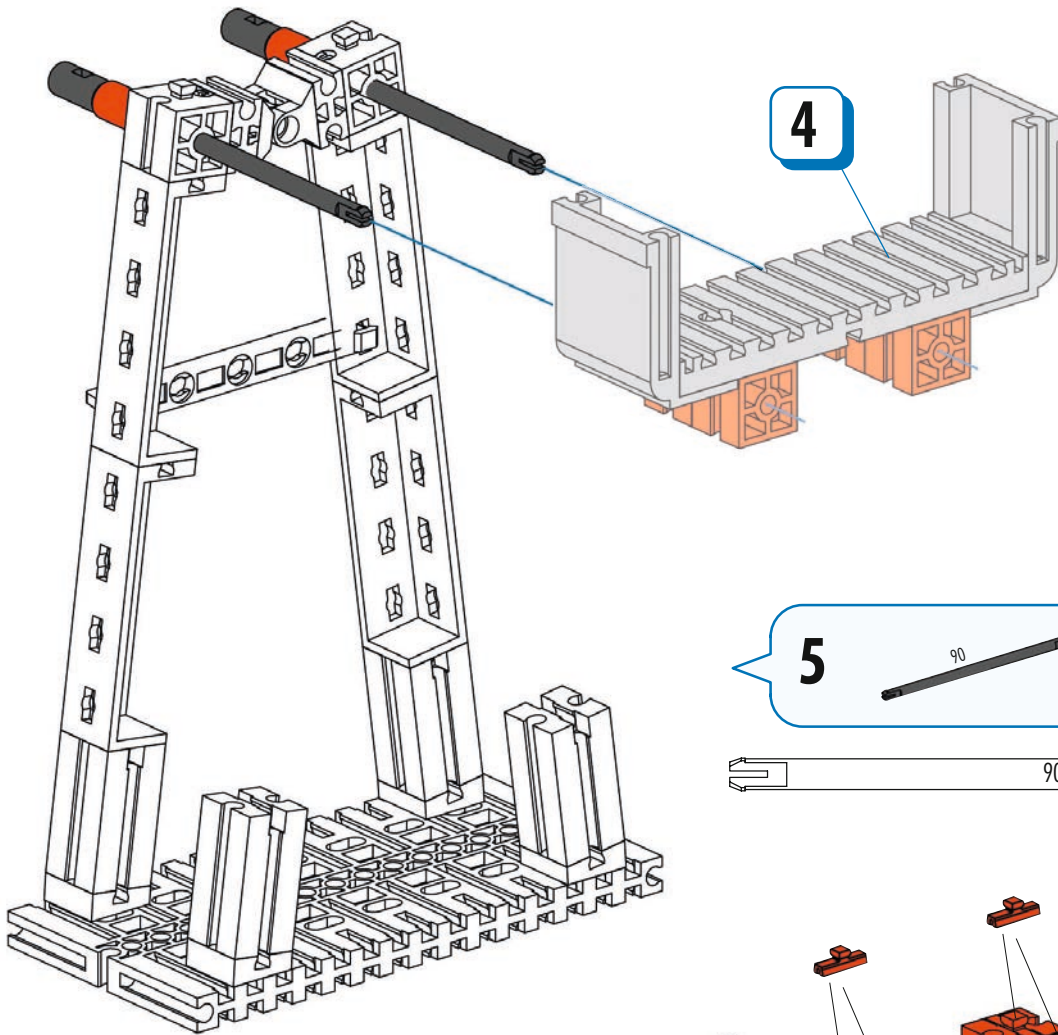
**3**

- Orange Technic 2x3 brick: 2 x
- Black Technic axle (length 60): 1 x
- Orange Technic 1x2 brick with 7.5° slope: 2 x
- Orange Technic 1x2 brick: 2 x
- Orange Technic pin with a hole (A): 2 x

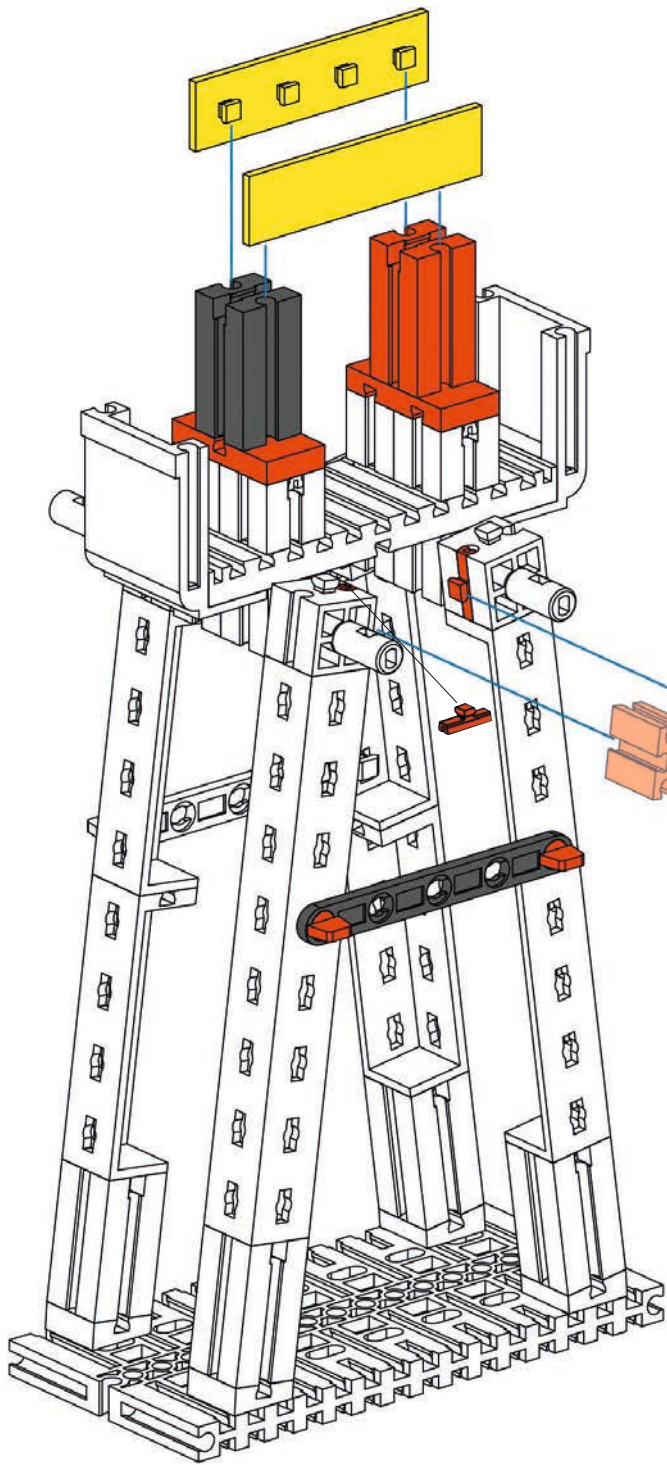


**4**

- Grey Technic beam (length 10): 1 x
- Orange Technic 2x3 brick: 4 x
- Grey Technic component: 2 x







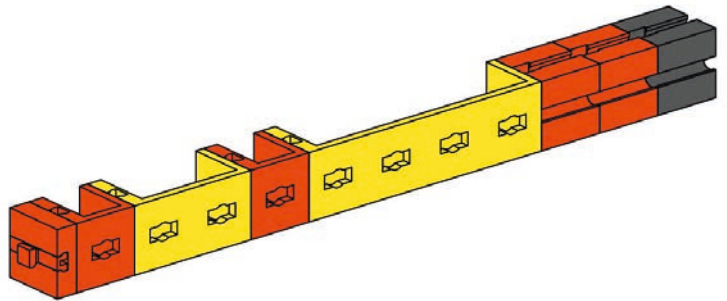
**7**

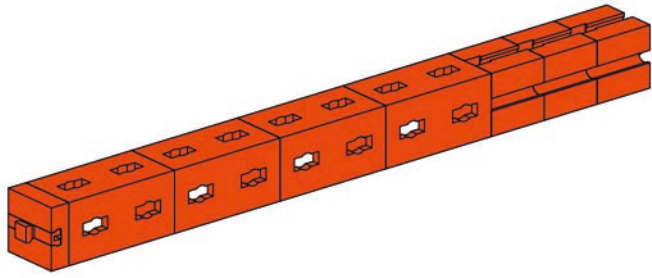
- 1x Orange 1x2 Technic Brick
- 1x Grey 1x2 Technic Brick
- 2x Orange 1x2 Technic Brick with Pin
- 2x Yellow 1x4 Technic Beam
- 1x Black 1x6 Technic Beam
- 2x Orange 1x2 Technic Brick with Pin
- 2x Red 1x2 Technic Pin

**2**

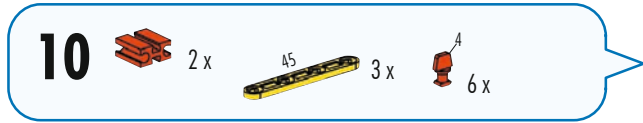
**8**

- 2x Orange 1x2 Technic Brick
- 1x Grey 1x2 Technic Brick
- 2x Orange 1x2 Technic Brick with Pin
- 1x Orange 1x2 Technic Brick with Pin
- 1x Yellow 1x4 Technic Beam
- 1x Yellow 1x2 Technic Beam
- 1x Red 1x2 Technic Pin



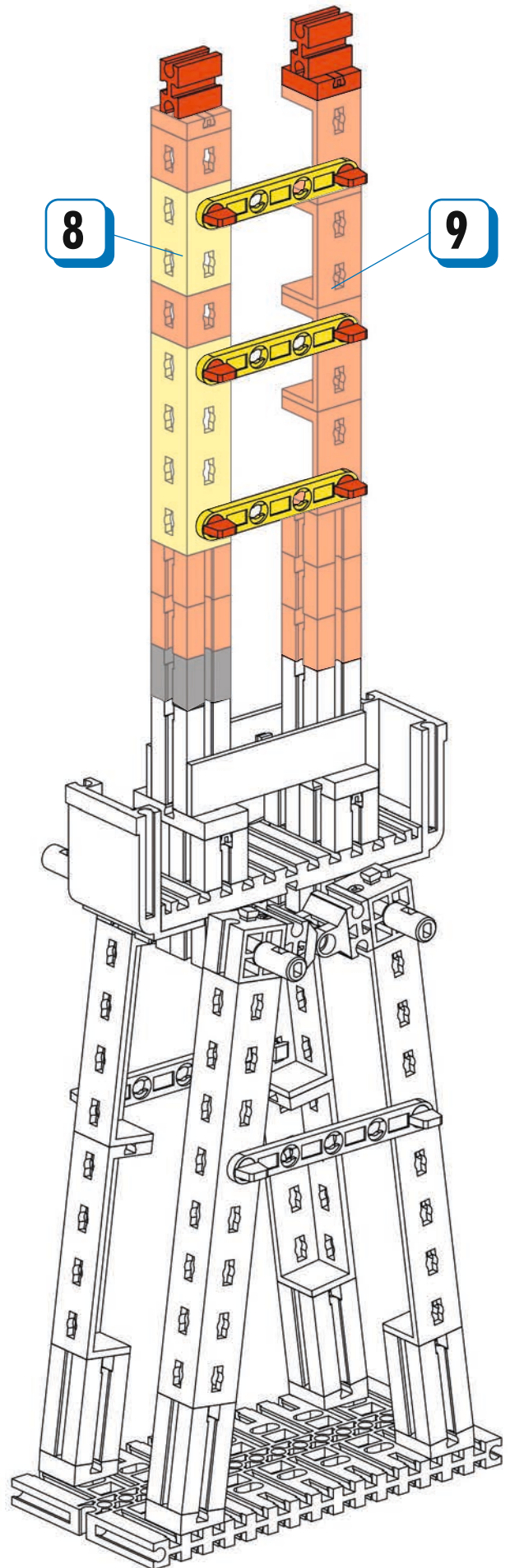


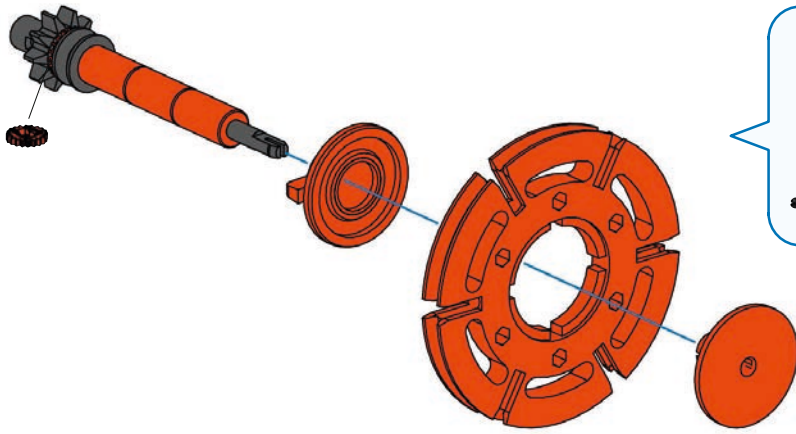
9



8

9

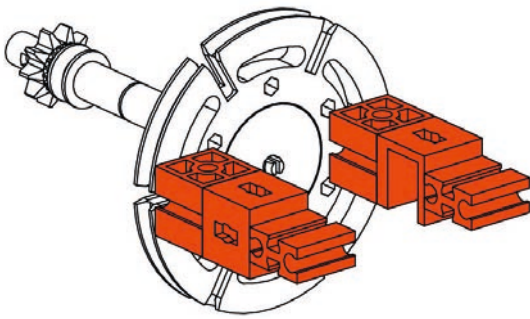




**11**

- Orange ring with 4 slots: 1x
- Orange cap: 1x
- Orange cone: 1x
- Grey axle (75): 1x
- Black pin: 1x
- Black bush: 1x
- Orange pin: 3x

75 mm



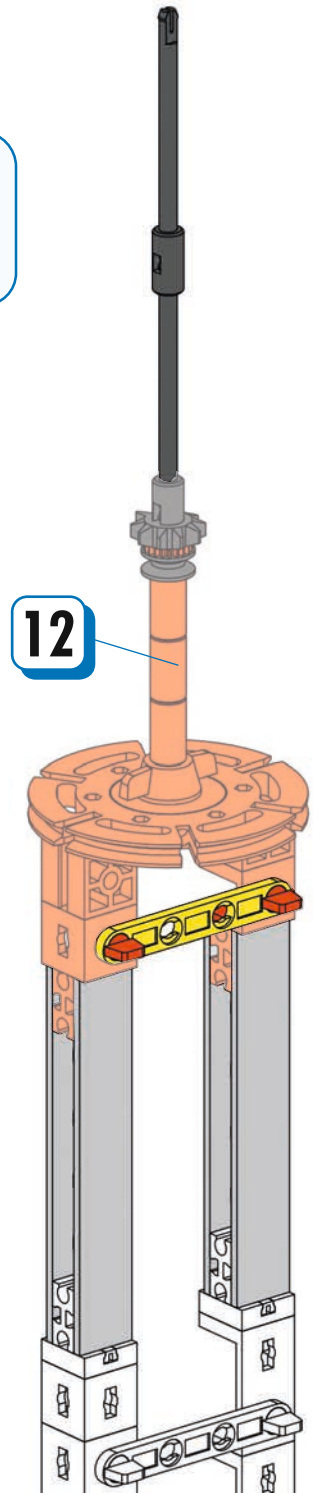
**12**

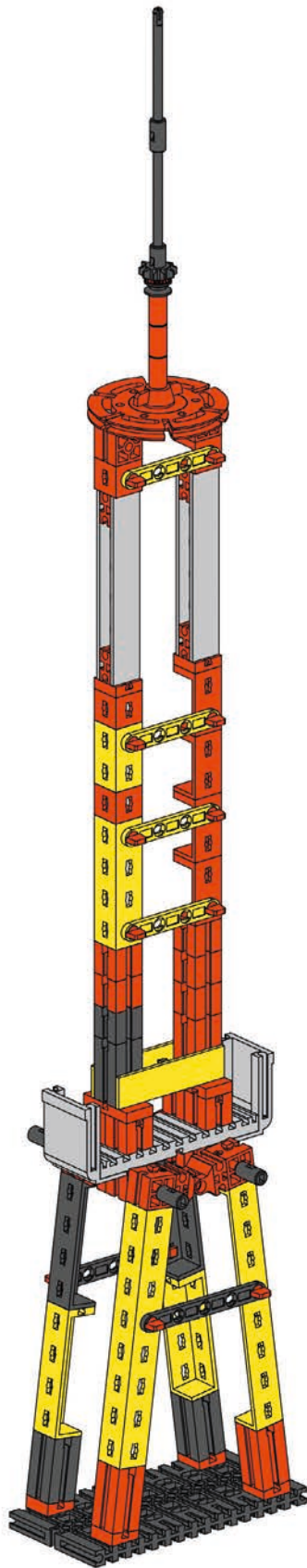
- Orange connector (1x2): 2x
- Orange connector (1x3): 2x
- Orange connector (1x4): 2x

**13**

- Grey axle (60): 2x
- Black bush: 1x
- Grey Technic beam (4 holes): 4x
- Yellow Technic beam (45): 1x
- Red Technic pin (A): 2x

60 mm





**Beleuchtung**  
**Lighting**  
**Éclairage**

**Verlichting**  
**Illuminación**  
**Iluminação**

**Illuminazione**  
**Освещение**  
**灯**



LED Set 533 877




Bauanleitung Plus Sets Universal 4 / Building instructions PLUS sets for Universal 4 / Instructions de montage PLUS Sets pour Universal 4 / Bouwinstructie PLUS-sets voor Universal 4 / Instrucciones de montaje PLUS Sets para Universal 4 / Instruções de montagem PLUS Kits para Universal 4 / Istruzioni per la costruzione dei kit PLUS per Universal 4 / Руководство по сборке комплектов PLUS для Universal 4 / Universal 4 升级套件组装说明书

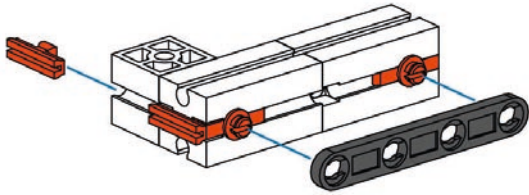
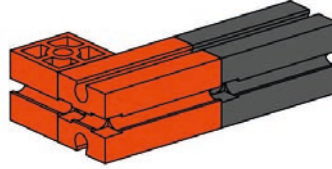
[www.fischertechnik.de/PLUS-Universal4](http://www.fischertechnik.de/PLUS-Universal4)

Transporthubschrauber + Turm  
 Transport helicopter + tower  
 Hélicoptère de transport + Tour  
 Transporthelikopter + toren  
 Helicóptero de transporte + Torre  
 Helicóptero de transporte + Torre  
 Elicottero da trasporto + torre  
 транспортный вертолет + башня  
 运输直升机+高塔






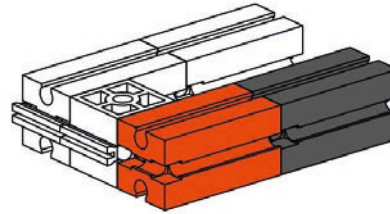
**1**

 1x
  1x
  1x





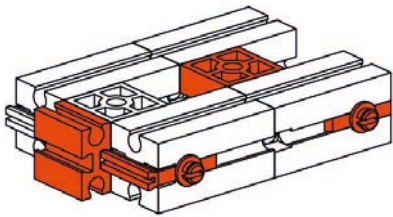
**2**

 2x
  2x
  45 1x







**3**





 1x
  1x

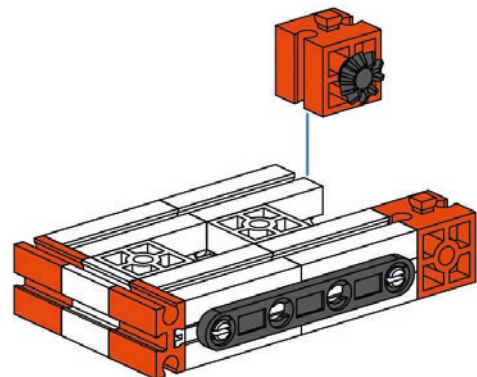


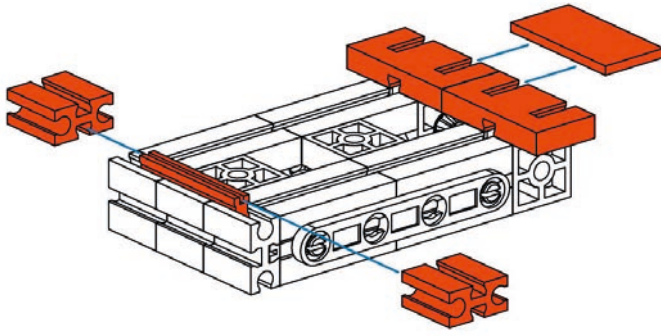
**4**

 1x
  2x
  1x
  1x

**5**

 45 1x
  2x
  2x
  1x





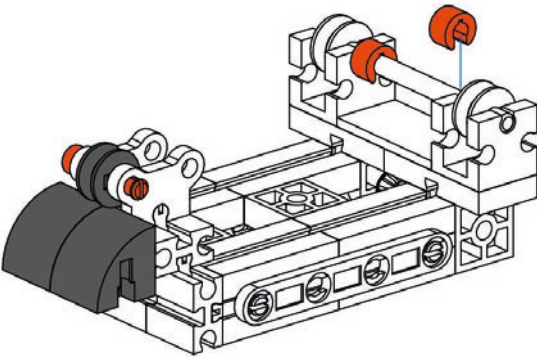
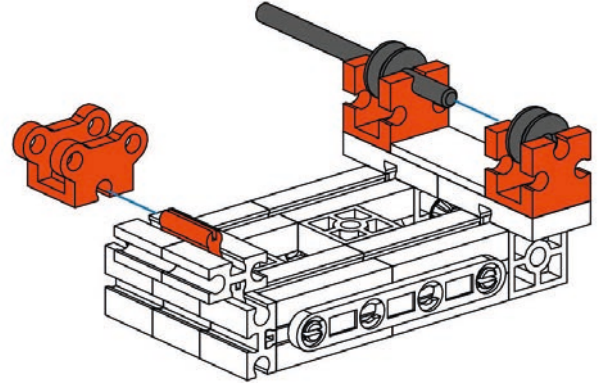
**6**

- 2 x (orange 1x2 Technic connector)
- 1 x (orange 1x2 Technic connector)
- 2 x (orange 1x2 Technic connector)
- 1 x (orange 1x3 Technic beam)

**7**

- 1 x (orange 1x2 Technic connector)
- 1 x (orange 1x2 Technic connector)
- 2 x (orange 1x2 Technic connector)
- 1 x (black axle, length 60)
- 2 x (black axle pin)

60 mm

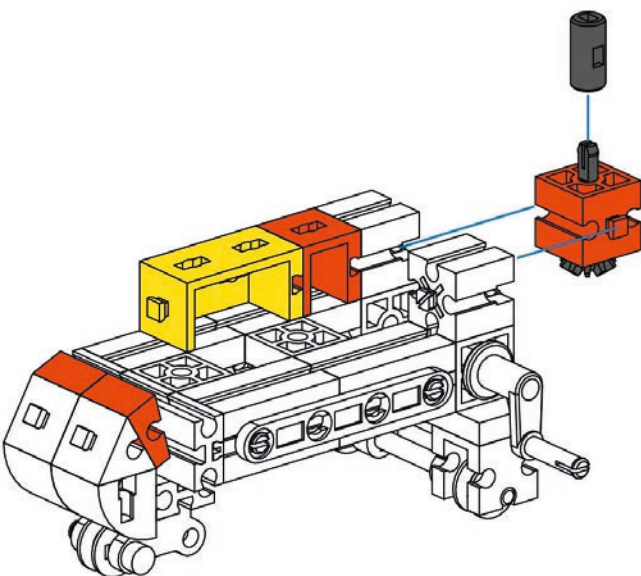
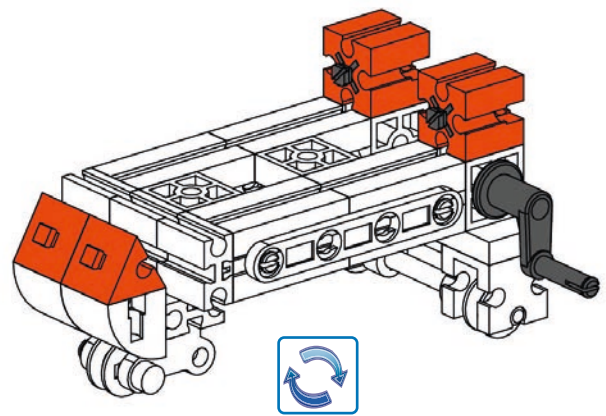


**8**

- 2 x (grey Technic connector)
- 1 x (black axle pin)
- 1 x (red axle pin)
- 2 x (orange Technic connector)

**9**

- 2 x (orange Technic connector)
- 2 x (orange Technic connector, 60°)
- 1 x (black Technic connector)



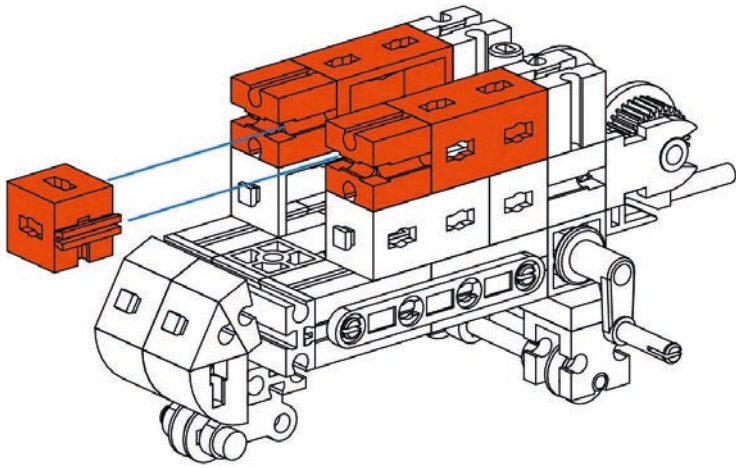
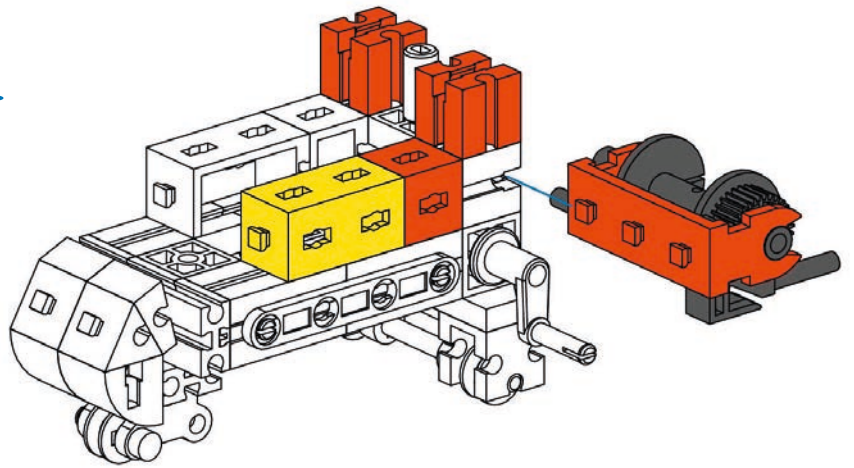
**10**

- 1 x (orange Technic connector)
- 1 x (black Technic connector)
- 1 x (black axle pin)
- 1 x (yellow Technic connector)
- 1 x (orange Technic connector)
- 2 x (orange Technic connector, 15°)



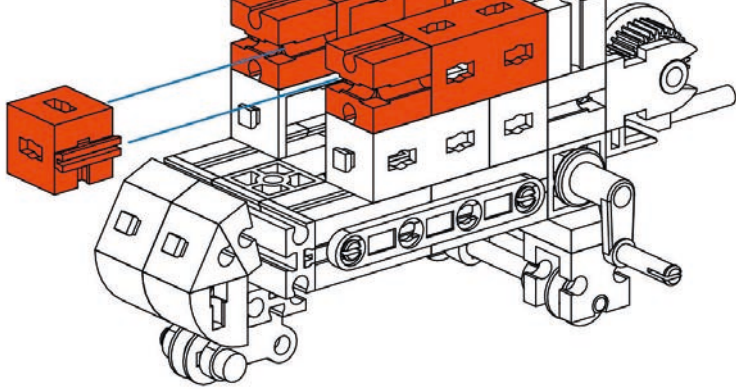
**11**

1x 1x 2x  
1x 1x



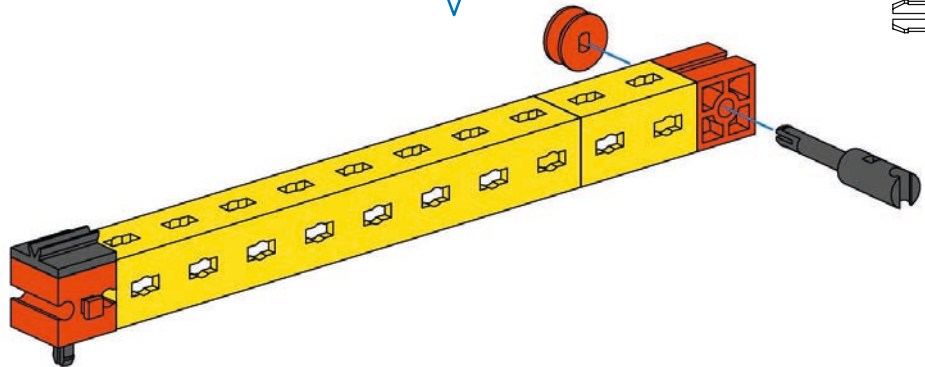
**12**

2x 1x  
1x 2x



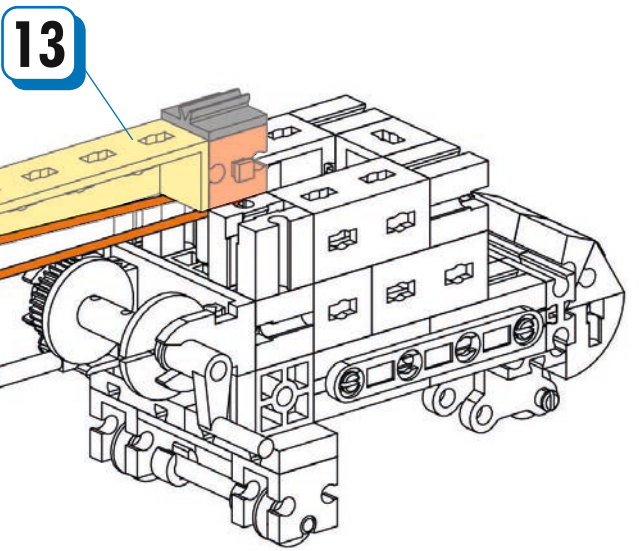
**13**

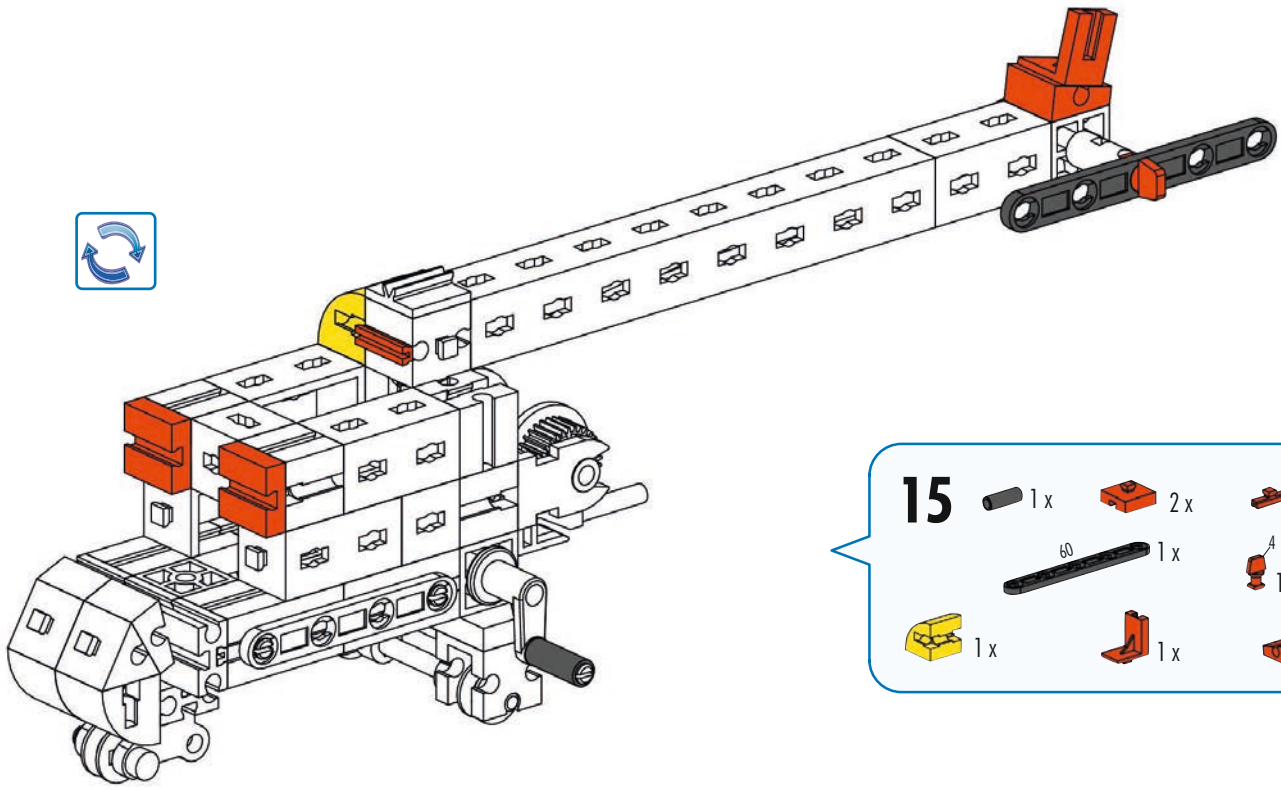
1x 1x 2x 1x 1x 1x 30 1x



**14**

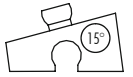
1x





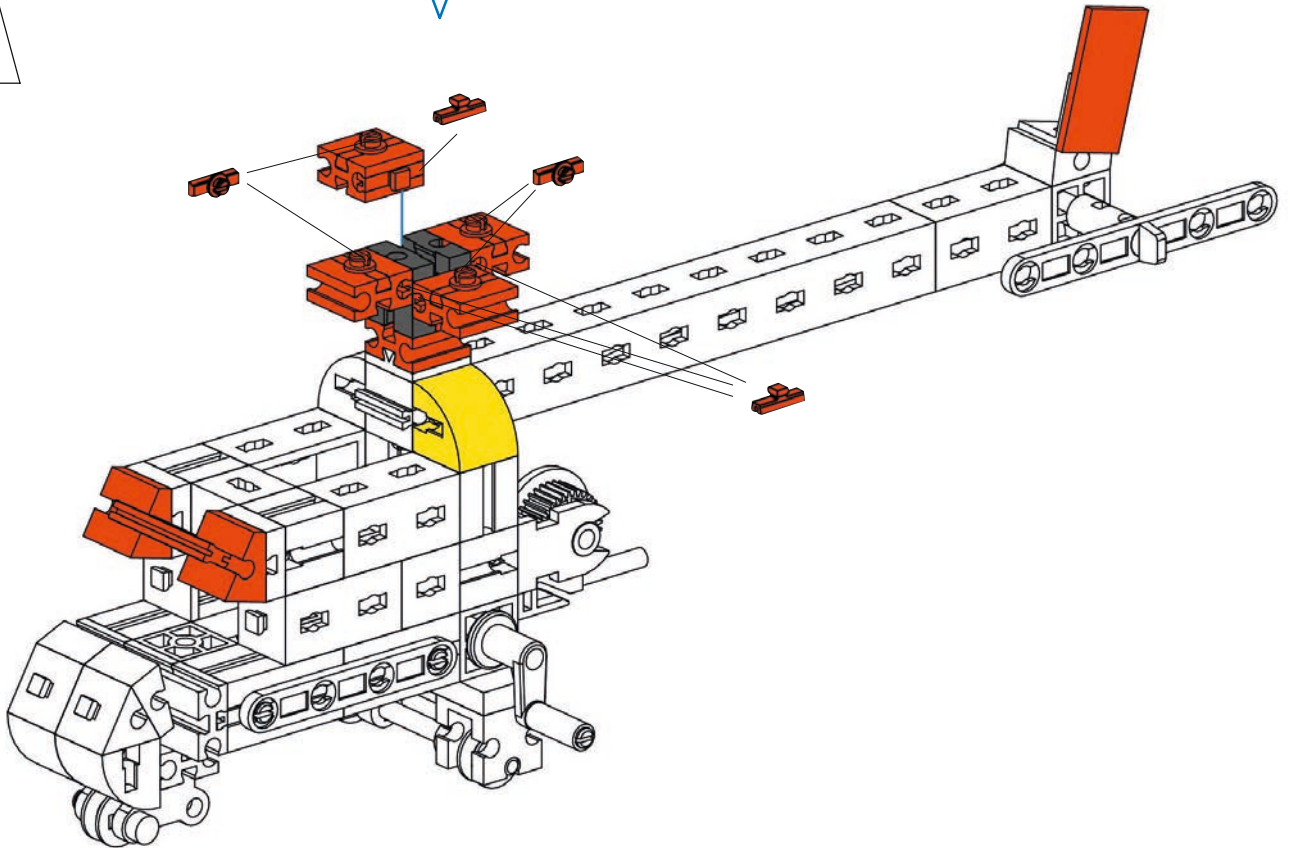
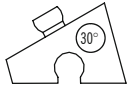
**15**

- 1 x [Grey Pin]
- 2 x [Red 1x2 Technic Brick]
- 1 x [Red 1x2 Technic Brick with Hole]
- 1 x [Black Technic Beam 60]
- 1 x [Red Pin with Friction Ridge]
- 1 x [Yellow Technic Connector]
- 1 x [Red Technic Bracket]
- 1 x [Red 1x2 Technic Brick with 15° Slope]



**16**

- 2 x [Red 1x2 Technic Brick with 30° Slope]
- 1 x [Red Technic Beam 30]
- 1 x [Black Technic Beam 1x2]
- 5 x [Red Technic Connector]
- 4 x [Red Pin with Friction Ridge]
- 1 x [Red 1x2 Technic Brick]
- 1 x [Yellow Technic Connector]





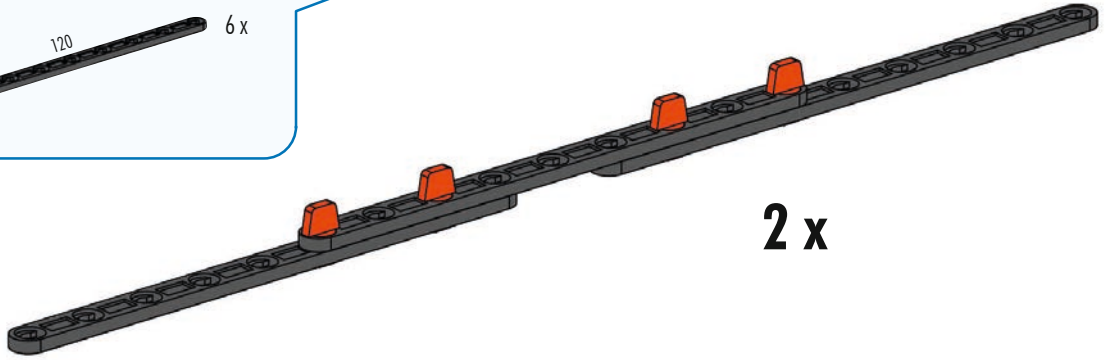
17



8 x



6 x



18



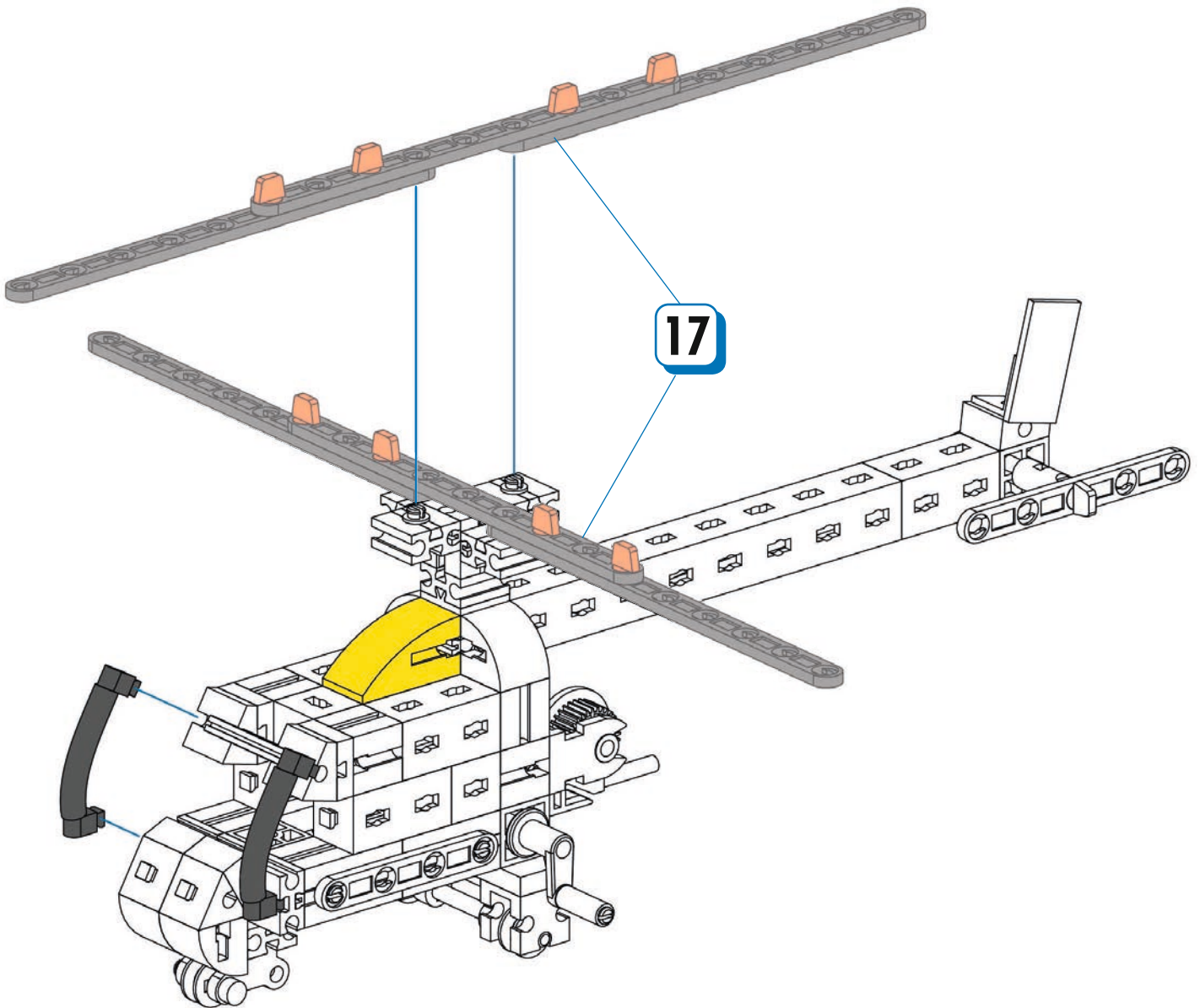
1 x

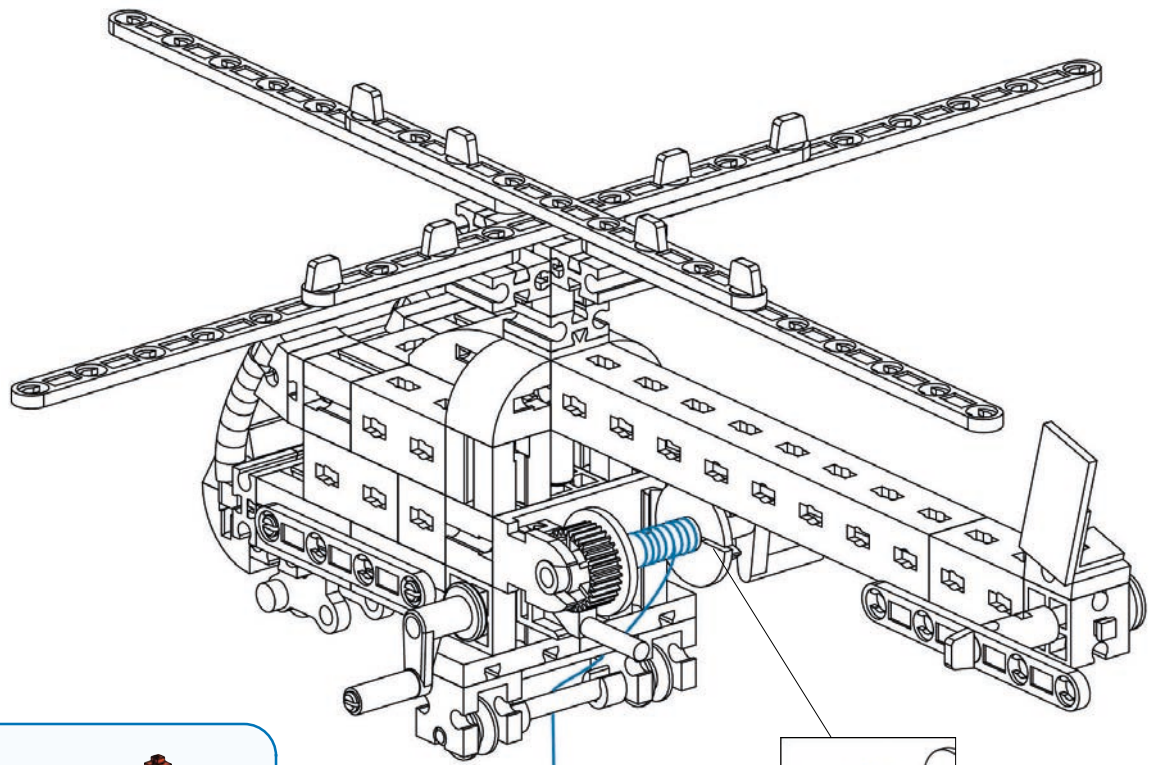


4 x



2 x

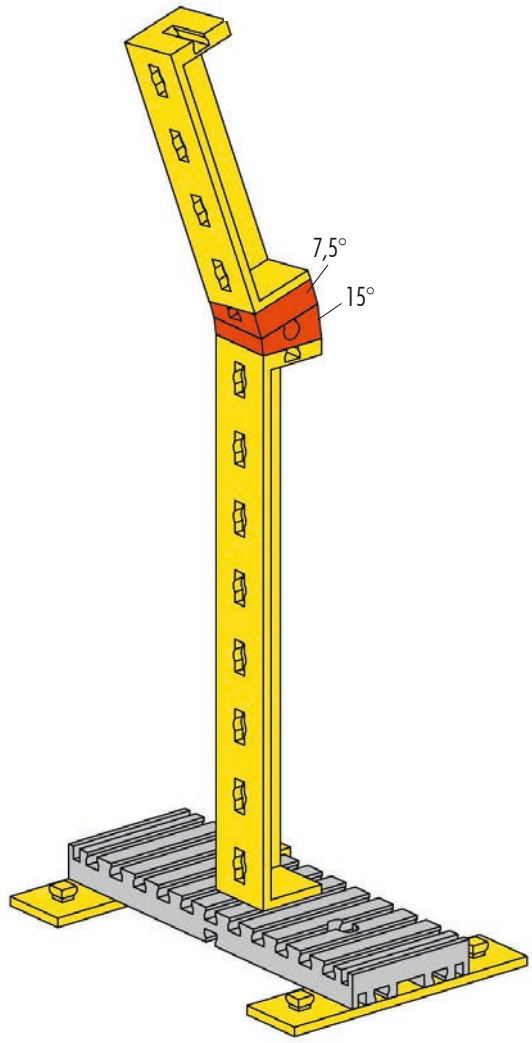
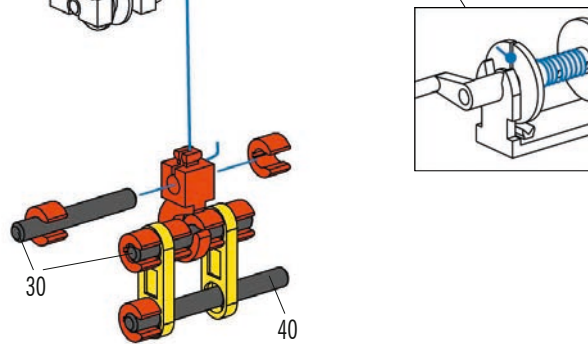




**19**

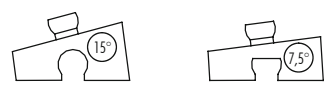
- 1 x (blue infinity symbol)
- 1 x (red connector)
- 7 x (red connector)
- 2 x (black axle, 30)
- 1 x (black axle, 40)
- 2 x (yellow axle, 15)

30 mm      40 mm

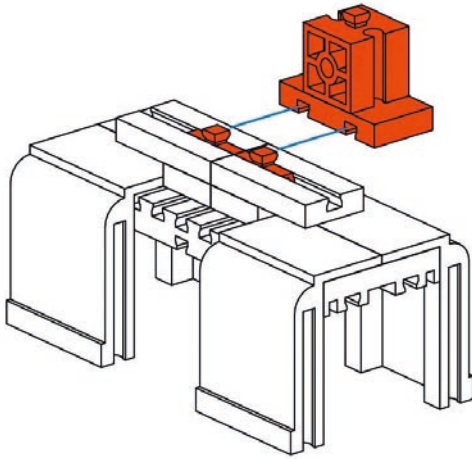
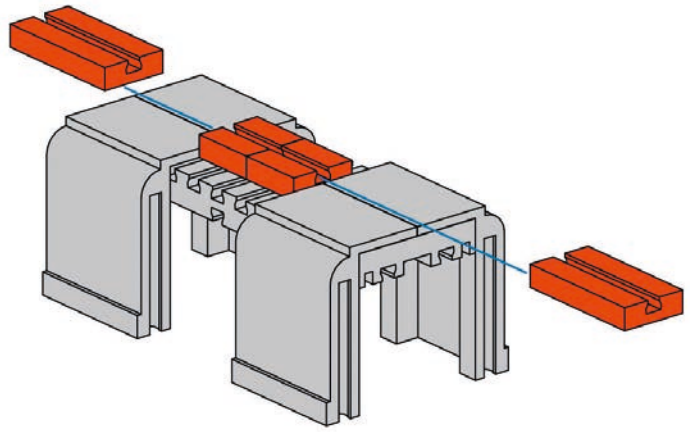
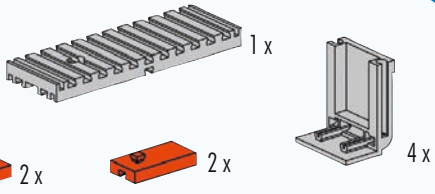


**20**

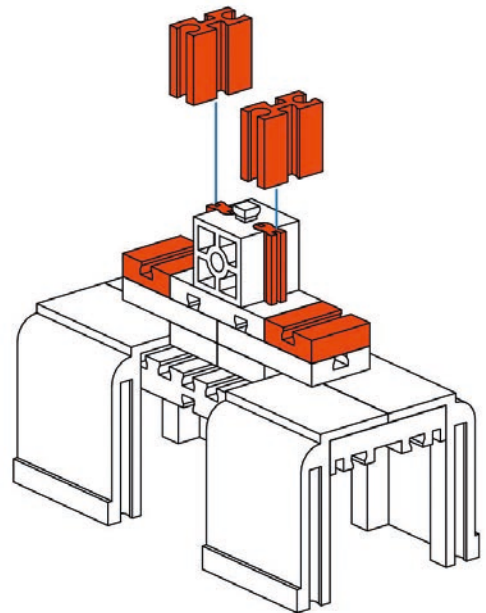
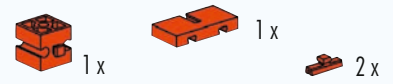
- 1 x (grey Technic beam)
- 2 x (yellow Technic beam)
- 1 x (yellow Technic beam)
- 1 x (yellow Technic beam)
- 1 x (red Technic beam, 15°)
- 1 x (red Technic beam, 7.5°)



21



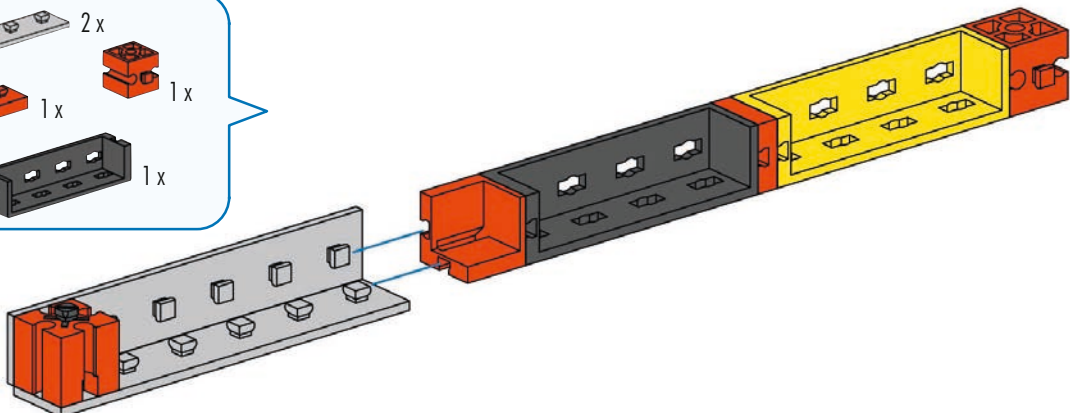
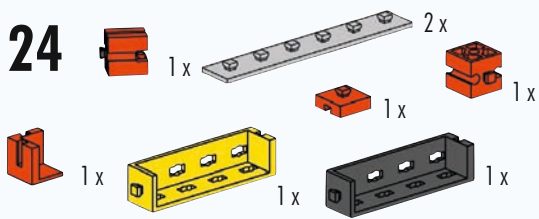
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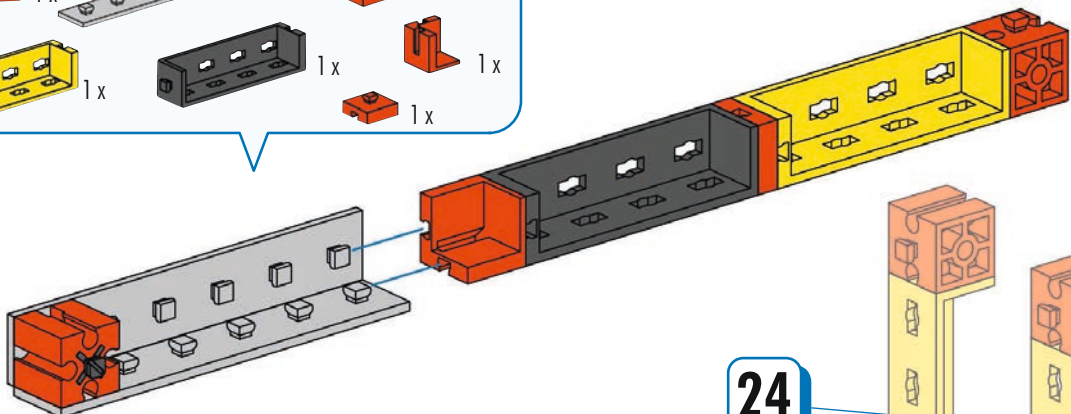
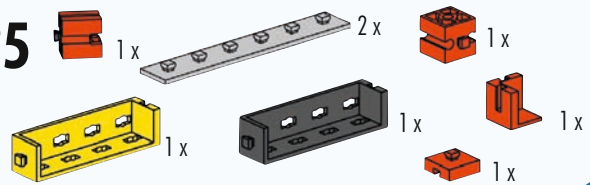
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24



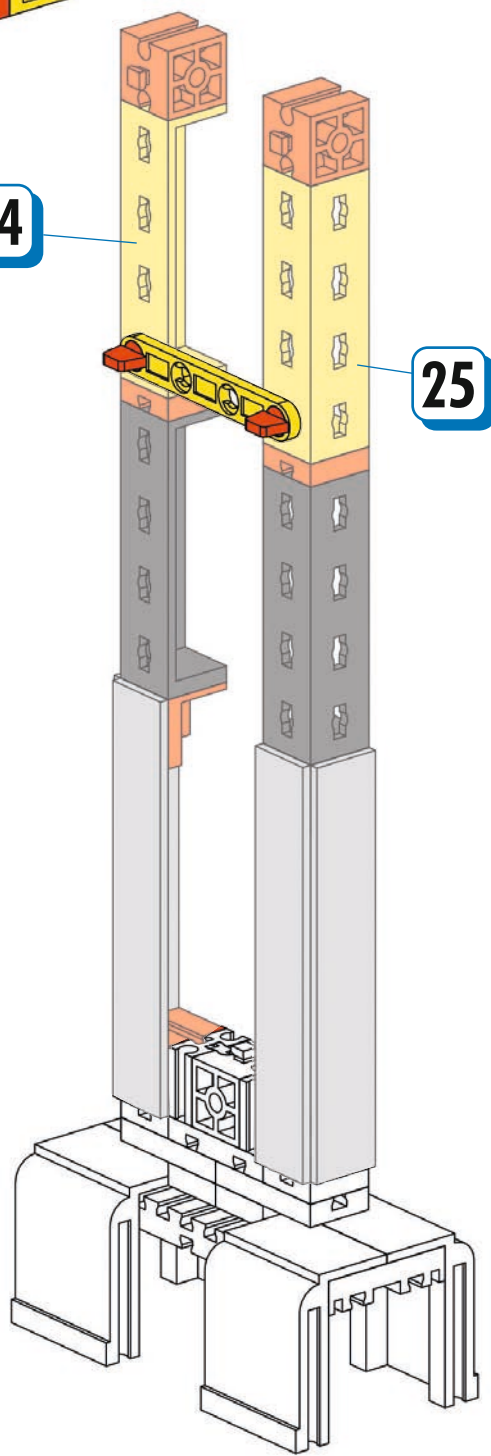
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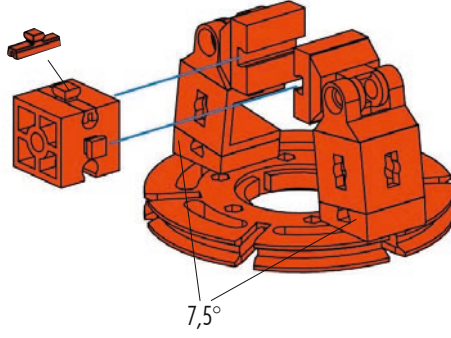
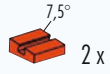
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25

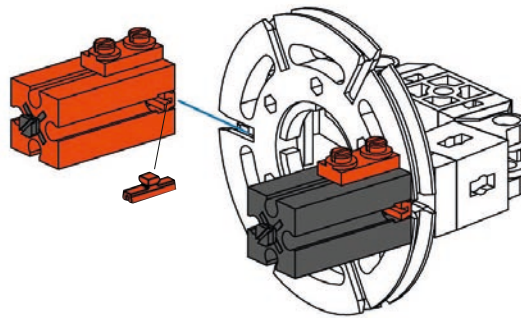
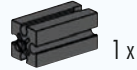
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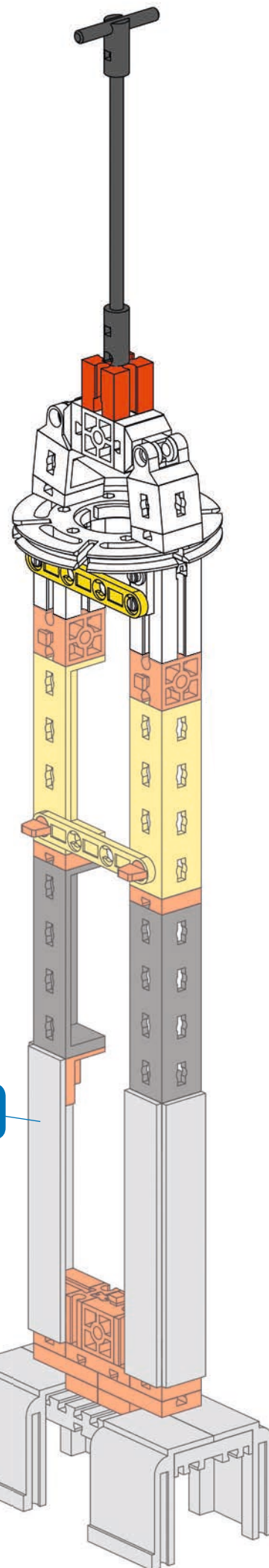


**27**



**28**



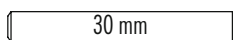
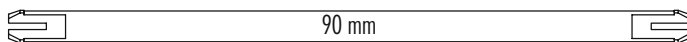


29

1 x 2 x

90 1 x  
45 1 x

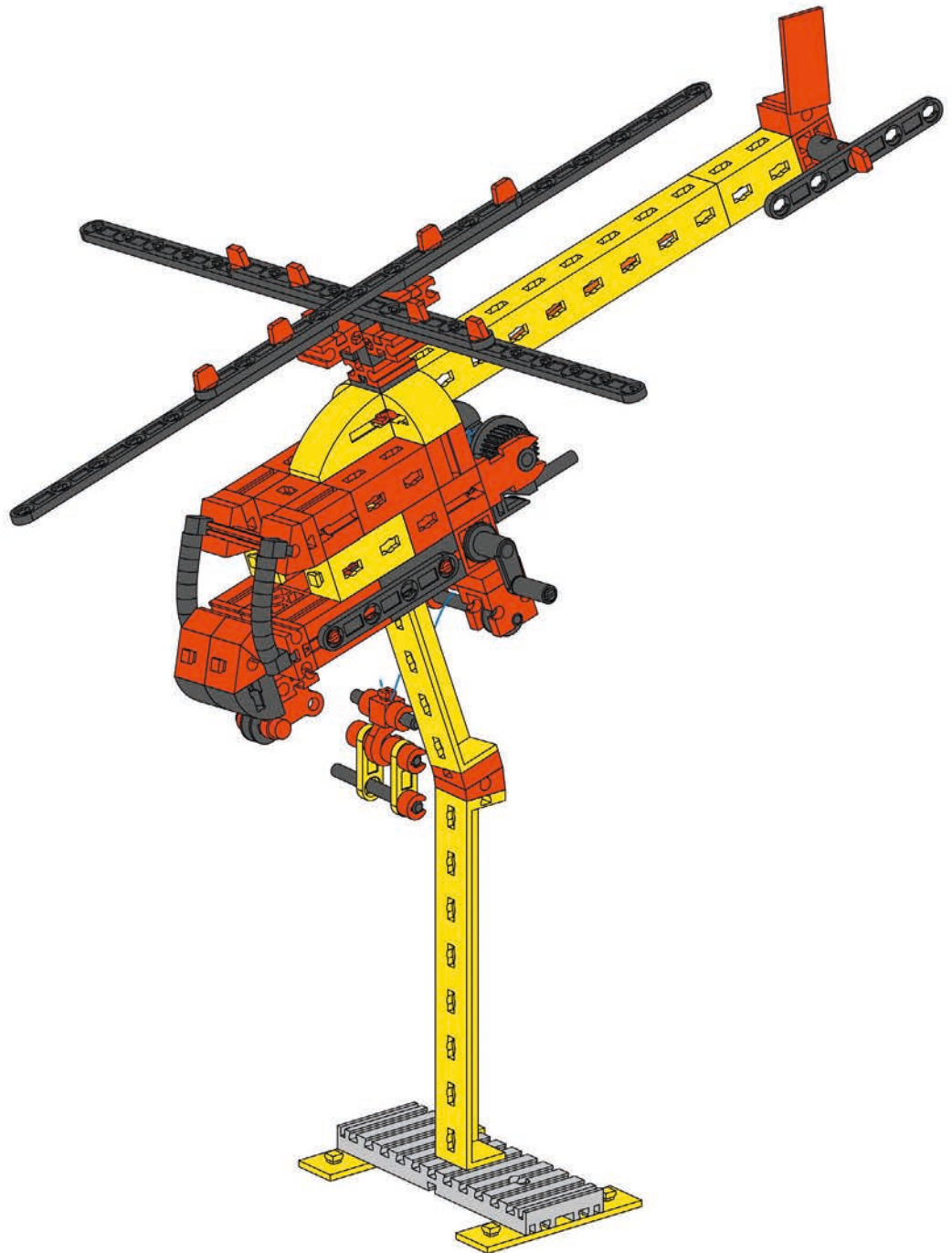
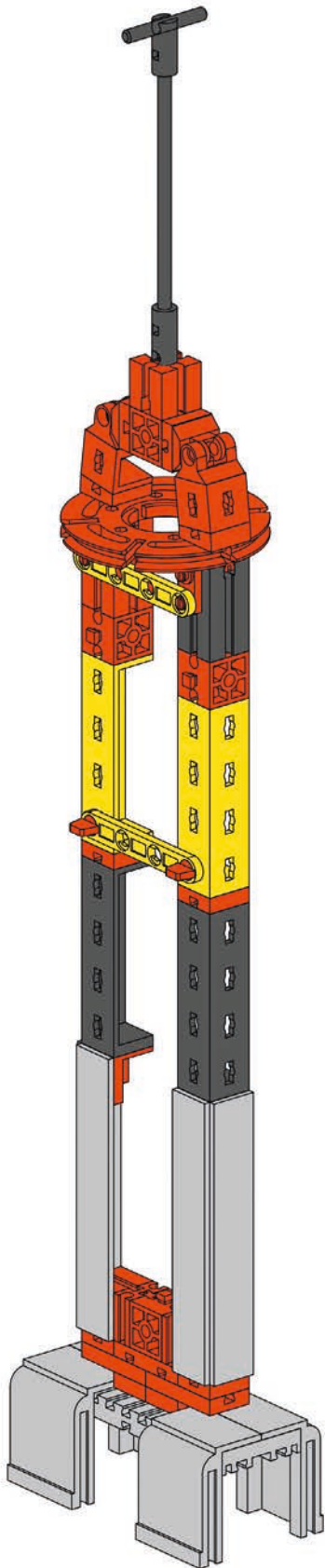
30 1 x



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 Speelmogelijkheden voor de speelwereld transporthelikopter + toren  
 / Posibilidades de juego para el mundo de los juguetes Helicóptero de  
 transporte + Torre / Possibilidades de jogo Helicóptero de transporte  
 + Torre / Possibilità di giocare per il mondo tematico elicottero da  
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**Beleuchtung**  
**Lighting**  
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**Verlichting**  
**Iluminación**  
**Iluminação**

**Illuminazione**  
**Освещение**  
**灯**



LED Set 533 877

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**U4**