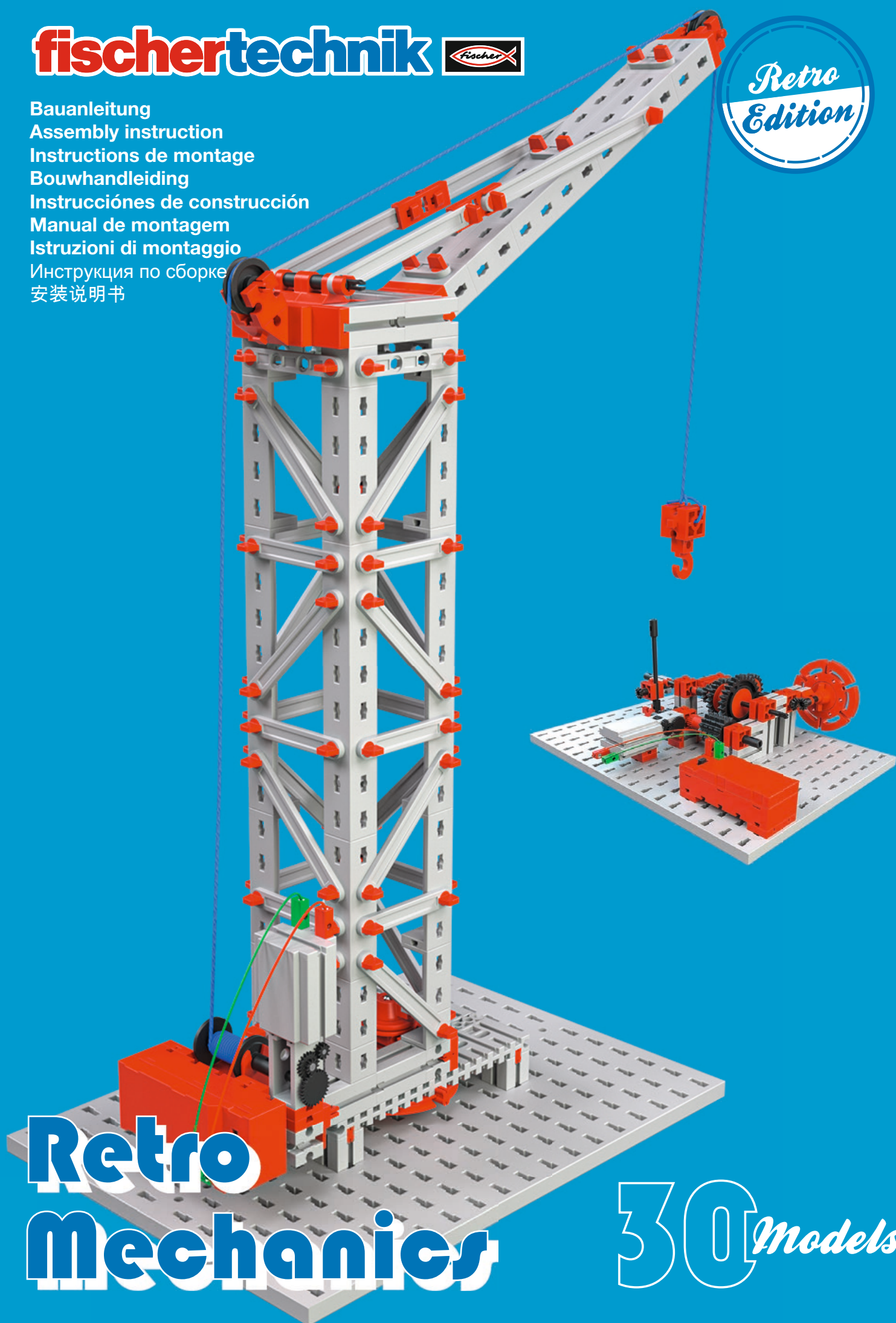


fischertechnik



Bauanleitung
Assembly instruction
Instructions de montage
Bouwhandleiding
Instrucciones de construcción
Manual de montagem
Istruzioni di montaggio
Инструкция по сборке
安装说明书



Retro Mechanics

30 Models



- Mit dem fischertechnik eLearning Portal geben wir Ihnen die Möglichkeit, noch mehr Hintergrundwissen zum Thema des Baukastens zu erhalten. Über **www.fischertechnik-elearning.com** gelangen Sie direkt zum eLearning Portal.
- With the fischertechnik eLearning portal, we are giving you the opportunity to obtain even more background knowledge on the topic of the construction set. You can access the eLearning portal directly via **www.fischertechnik-elearning.com**.
- Avec le portail eLearning de fischertechnik, vous pouvez parfaire vos connaissances au sujet de la boîte de construction. Cliquez sur **www.fischertechnik-elearning.com** pour accéder directement à notre portail.
- Met het fischertechnik eLearning portaal geven wij u de mogelijkheid, nog meer achtergrondkennis over het thema van het modulaire systeem te verkrijgen. Via **www.fischertechnik-elearning.com** komt u direct bij het eLearning portaal.

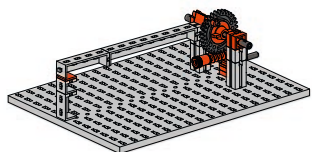
- Con el portal de aprendizaje electrónico de fischertechnik le ofrecemos la oportunidad de obtener más conocimientos básicos sobre el tema de los módulos. A través de **www.fischertechnik-elearning.com** podrá acceder directamente al portal de aprendizaje electrónico.
- Com o portal de eLearning da fischertechnik damos-lhe a possibilidade de obter ainda mais conhecimentos aprofundados sobre os kits de construção. Em **www.fischertechnik-elearning.com** pode aceder diretamente ao portal de eLearning.
- Con il portale eLearning di fischertechnik vi diamo la possibilità di accumulare maggiori informazioni di base sul tema delle scatole di montaggio. Tramite **www.fischertechnik-elearning.com** potete raggiungere direttamente il portale eLearning.
- Обучающий Интернет-портал компании fischertechnik предлагает вам возможность получить больше базовых знаний по теме конструирования. По ссылке **www.fischertechnik-elearning.com** вы попадаете прямо на обучающий Интернет-портал.
- 通过 fischertechnik eLearning 电子学习门户网站，我们为您提供更多关于积木的背景知识。登陆 **www.fischertechnik-elearning.com** 访问我们的 eLearning 门户网站。



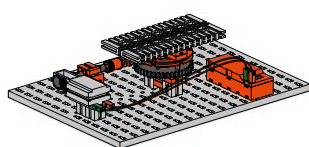
- Werde Mitglied im kostenlosen fischertechnik Fan Club und nutze die Vorteile. Melde dich hierzu einfach unter **www.fischertechnik.de/FanClub** an.
- Become a member of the free fischertechnik fan club and take advantage of the benefits. Simply register at **www.fischertechnik.de/FanClub**
- Deviens membre du Fan club fischertechnik gratuit et profite de nombreux avantages. Il suffit de t'inscrire sur **www.fischertechnik.de/FanClub**.
- Word lid van de gratis fischertechnik Fan Club en maak gebruik van de voordelen. Meldt u hiervoor aan op **www.fischertechnik.de/FanClub**.
- Hazte miembro del club de aficionados gratuito de fischertechnik y disfruta de todas las ventajas. Regístrate en **www.fischertechnik.de/FanClub**.
- Torne-se um membro do fã-club gratuito da Fischertechnik e aproveite-a. Basta registrar-se em **www.fischertechnik.de/FanClub**.
- Diventa membro del fan club gratuito di fischertechnik e sfrutta tutti i vantaggi. Basta registrarsi a **www.fischertechnik.de/FanClub**.
- Стань членом бесплатного фан-клуба fischertechnik и пользуйся преимуществами. Для этого просто зарегистрируйся по адресу **www.fischertechnik.de/FanClub**.
- 免费加入慧鱼粉丝俱乐部 (fischertechnik Fan Club) 会员，即刻享受会员福利。只需前往 **www.fischertechnik.de/FanClub** 完成注册即可。

Inhalt Contents Contenu

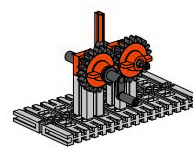
Einzelteilübersicht / Spare parts list / Liste des pièces détachées / Onderdelenoverzicht / Lista da peças / Resumo de peça individual / Singoli componenti / Перечень деталей / 零件概览	4
Montagetips / Tips for assembly / Tuyaux pour le montage / Montagetips / Consejos para el montaje / "Dicas" para montagem / Consigli per il montaggio / Советы по сборке / 装配建议	6



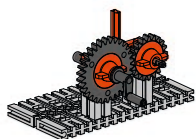
Schranke / Bar / Barrière / Slagboom / Barrera / Barriera / Barreira / Шлагбаум / 栅栏



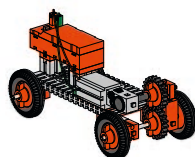
Drehtisch / Turntable / Plateau rotatif / Draaitafel / Mesa giratoria / Mesa rotatória / Tavola rotante / Поворотный стол / 转台



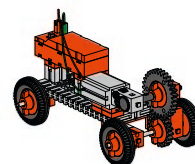
Kurbelgetriebe 1 / Crank gear 1 / Mécanisme à manivelle 1 / Krukasoverbrenging 1 / Mecanismo de manivela 1 / Engrenagem de manivela 1 / Ingranaggio a manovella 1 / Кривошипный механизм 1 / 曲柄传动机构 1



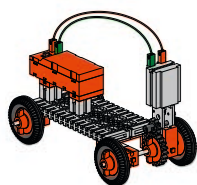
Kurbelgetriebe 2 / Crank gear 2 / Mécanisme à manivelle 2 / Krukasoverbrenging 2 / Mecanismo de manivela 2 / Engrenagem de manivela 2 / Ingranaggio a manovella 2 / Кривошипный механизм 2 / 曲柄传动机构 2



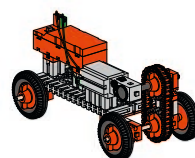
Fahrzeug 1 / Vehicle 1 / Véhicule 1 / Voertuig 1 / Vehículo 1 / Veículo 1 / Veicolo 1 / Автомобиль 1 / 1号汽车



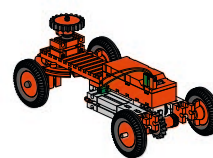
Fahrzeug 2 / Vehicle 2 / Véhicule 2 / Voertuig 2 / Vehículo 2 / Veículo 2 / Veicolo 2 / Автомобиль 2 / 2号汽车



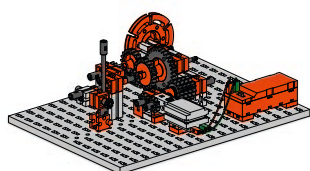
Fahrzeug 3 / Vehicle 3 / Véhicule 3 / Voertuig 3 / Vehículo 3 / Veículo 3 / Veicolo 3 / Автомобиль 3 / 3号汽车



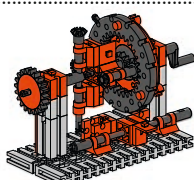
Zahnradgetriebe mit Ketten / Toothed gearing with chains / Transmission par engrenage avec chaîne / Tandwieloverbrenging met kettingen / Engranaje de ruedas dentadas con cadenas / Engrenagem de rodas dentadas com correntes / Trasmissione a ingranaggi con catene / Редукторная передача с цепями / 齿轮传动带链子



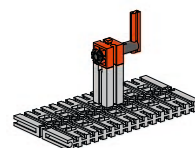
Fahrzeug mit Lenkung / Vehicle with steering / Véhicule avec direction / Voertuig met besturing / Vehículo con dirección / Veículo com direção / Veicolo con sterzo / Автомобиль с рулевым управлением / 带方向盘的车辆



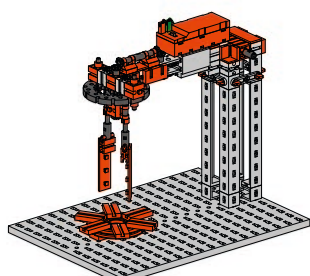
Schaltgetriebe / Gearbox / Mécanisme intermittent / Schakeloverbrenging / Cambio de velocidades / Caixa de câmbio / Cambio meccanico / Коробка передач / 变速器



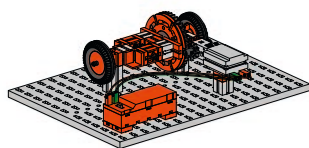
Planetengetriebe / Planetary gear / Engrenage planétaire / Planeetwieloverbrenging / Engranaje planetario / Engrenagem planetária / Rotismo epicicloidale / Планетарный редуктор / 行星齿轮机构



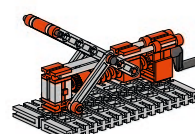
Kegelradgetriebe / Bevel gear / Engrenage à pignon conique / Conische tandwieloverbrenging / Engranaje de ruedas cónicas / Engrenagem cônica / Ingranaggio conico / Конический редуктор / 锥齿轮传动机构



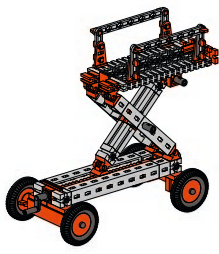
Küchenmaschine / Kitchen appliance / Robot ménager / Keukenmachine / Máquina de cocina / Máquinas de cozinha / Robot da cucina / Кухонный комбайн / 电动厨具



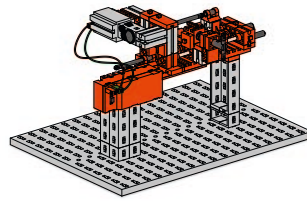
Differentialgetriebe / Differential gear / Engrenage différentiel / Differentieel / Engranaje diferencial / Transmissão diferencial / Differenziale / Дифференциал / 差速机构



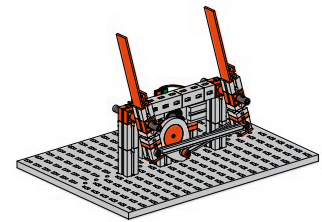
Wagenheber / Car Jack / Cric / Wagenkrik / Gato / Macaco / Cric / Джек / 杰克



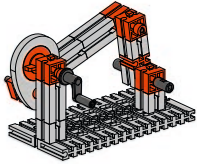
Scherenhubtisch / Scissor elevating platform /
Ножничный подъёмный стол на тележке
/ 带转向机构的剪式升降台49



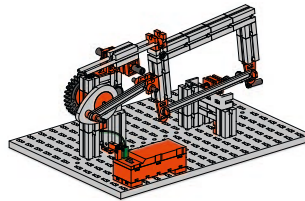
Drehmaschine / Lathe / Tour / Draaibank / Torno/ Torno /
Tornio / Токарный станок / 车床53



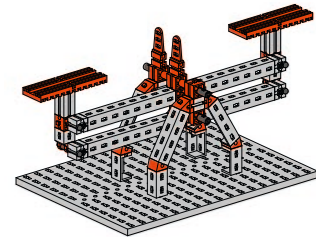
Scheibenwischer / Windshield wiper / Essuie-glace /
Ruitenwisser / Limpiaparabrisas / Para-brisas / Tergicristallo
/ Стеклоочистители / 刮雨器59



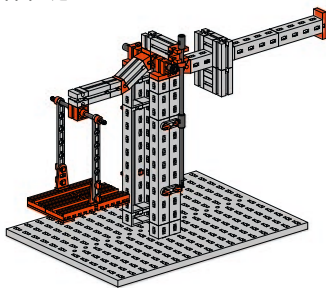
Viergelenkette / Four-bar chain / Chaîne cinématique
à quatre joints articulés / Vierscharniersmechanisme
/ Mecanismo de cuatro articulaciones / Corrente de
quatro articulações / Catena a quattro articolazioni /
Четырехзвенный шарнирный механизм
/ 四活节链63



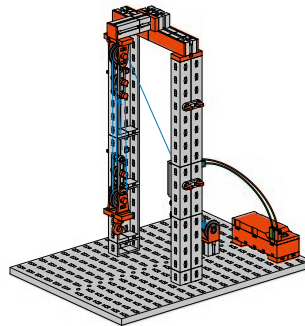
Bügelzäge / Power hacksaw machine / Scie à archet /
Beugelzaag / Sierra de arco / Serra de arco /
Seghetto ad arco / Ножовка / 弓锯64



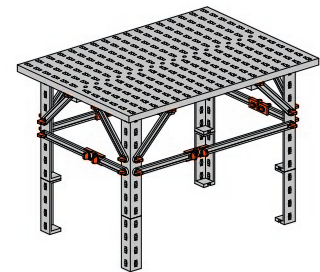
Balkenwaage / Beam and scales / Crochet-basculé / Balans-
weegschaal / Balanza de brazos / Balança de pratos / Bilancia
a braccio / Весы с коромыслом / 天平69



Waage mit Laufgewicht / Scales with sliding weight /
Balance à poids mobile / Weegschaal met schuifgewicht /
Balanza con pesa corrediza / Balança com peso cursor /
Bilancia con cursore / Весы с подвижным
грузом / 带滑动秤锤的天平73



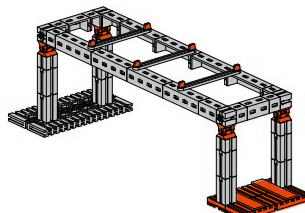
Flaschenzug / Lifting tackle / Palan / Takel / Polipasto /
Talha / Paranco / Таль / 滑轮组78



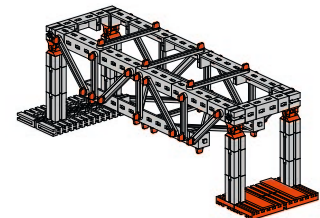
Tisch / Table / Table / Tafel / Mesa / Mesa /
Tavola / Стол / 工作台88



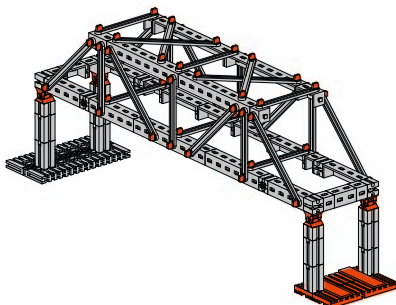
Bockleiter / Double ladder / Echelle double / Trapladder
/ Escalera de tijera / Escada de cavalete / Scala a libro /
Стремянка / 人字梯91



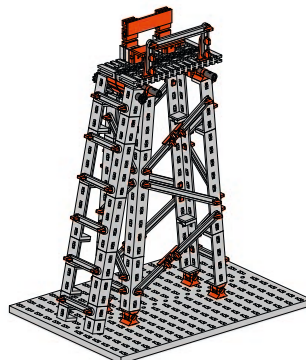
Balkenbrücke / Girder Bridge / Pont à poutres droites /
Balkenbrug / Puente de vigas / Ponte de travessa /
Ponte a trave / Балочный мост / 梁式桥94



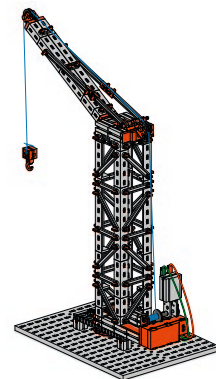
Brücke mit Unterzug / Bridge with Underbeam / Pont avec
solive transversale / Brug met onderslagbalken / Puente
con viga maestra / Ponte com viga de sustentação inferior /
Ponte con trave inferiore / Мост с нижней рамой /
带下托梁的桥97



Brücke mit Oberzug / Bridge with Upperbeam / Pont à
membrane supérieure transversale / Brug met bovens-
lagbalken / Puente con viga testera / Ponte com viga de
sustentação superior / Ponte con trave superiore / Мост с
верхней рамой / 带上托梁的桥99

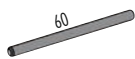


Hochsitz / High hunting Stand / Mirador / Jachtkansel /
Puesto elevado / Assento elevado / Sedile alto / Место
для кормления / 高座104

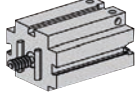
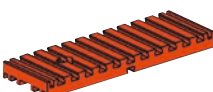


Kran / Crane / Grue / Kraan / Grúa /
Guindaste / Gru / Кран / 起重机111

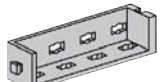
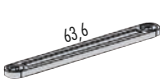
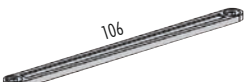
Einzelteilübersicht
Spare parts list
Liste des pièces détachées

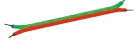
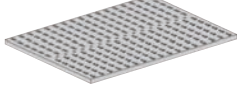
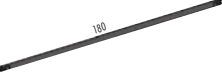
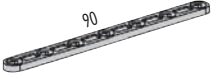
	31 003 13 x
	31 005 10 x
	31 006 4 x
	31 010 4 x
	31 011 4 x
	31 018 4 x
	31 019 1 x
	31 021 2 x
	31 022 1 x
	31 031 2 x
	31 032 1 x
	31 038 1 x
	31 058 6 x
	31 060 14 x
	31 061 2 x
	31 068 1 x
	31 082 1 x

Onderdelenoverzicht
Lista da piezas
Resumo de peça individual

	31 336 2 x
	31 337 2 x
	31 426 5 x
	31 436 11 x
	31 597 6 x
	31 667 4 x
	31 690 5 x
	31 848 3 x
	31 915 1 x
	31 982 8 x
	31 983 2 x
	32 064 9 x
	32 240 1 x
	32 316 2 x
	32 859 2 x
	32 869 1 x
	32 870 4 x

Singoli componenti
Перечень деталей
零件概览

	35 945 6 x
	35 973 1 x
	35 977 1 x
	36 227 2 x
	36 248 38 x
	36 264 1 x
	36 300 4 x
	36 301 8 x
	36 302 12 x
	36 303 4 x
	36 304 6 x
	36 310 12 x
	36 312 12 x
	36 314 2 x
	36 315 4 x
	36 316 16 x
	36 318 12 x

	36 323 76 x		37 636 2 x		38 246 4 x		38 536 4 x
	36 334 1 x		37 679 8 x		38 258 2 x		38 537 4 x
	36 443 1 x		37 858 1 x		38 260 4 x		38 577 4 x
	36 819 7 x		37 925 1 x		38 277 1 x		68 535 1 x
	36 977 1 x		37 926 3 x		38 414 2 x		135 719 1 x
	37 237 10 x		38 225 1 x		38 423 5 x		183 015 1 x
	37 238 2 x		38 240 4 x		38 428 5 x		183 016 1 x
	37 468 5 x		38 242 1 x		38 464 4 x		
	37 527 1 x		38 245 2 x		38 533 2 x		

Montagetipps Tips for assembly Tuyaux pour le montage

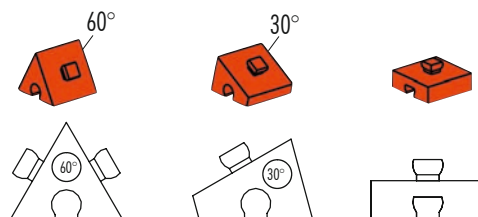
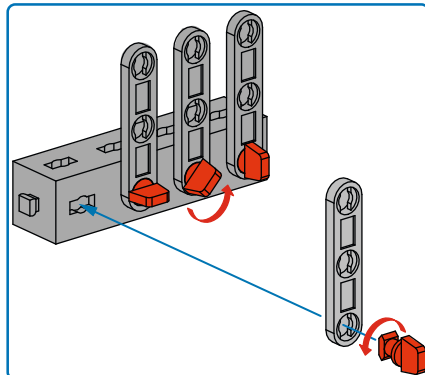
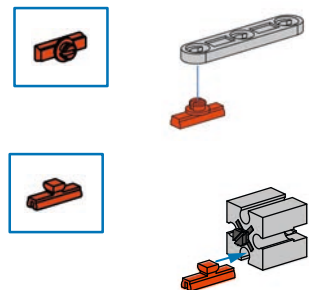
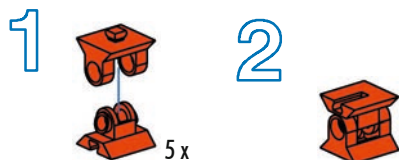
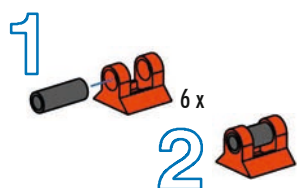
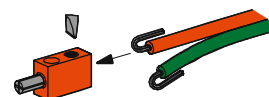
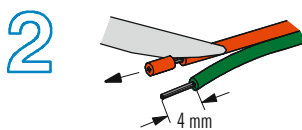
Montagetips Consejos para el montaje "Dicas" para montagem

Consigli per il montaggio Советы по сборке 装配建议

Kabel und Stecker
Plugs and cables
Fiches et des câbles

Stekkers en cables
Enchufes en cables
Cabos e contatos

Cavi e connettori
Провода и штекеры
电缆和插头



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

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

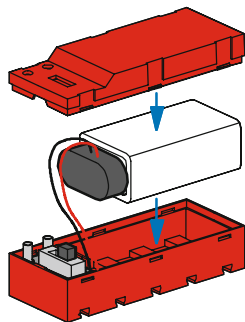
- Alle Einzelteile, insbesondere bewegliche Teile sind falls notwendig zu warten und zu reinigen.
- All components, especially moving parts, should be maintained and cleaned as necessary.
- Toutes les pièces détachées et en particulier les pièces mobiles, sont, si nécessaire, à entretenir et à nettoyer.
- 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 limpas.
- 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。

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



Batterie ist nicht Inhalt der Packung
Battery not included
Batterie non comprise
De batterij wordt niet meegeleverd
La batería no está incluida en el suministro
A bateria não é o conteúdo da embalagem
La batteria non è inclusa nella confezione
Батарея в комплект не входит
包装中不含电池

1 Batterie 9Volt-Block Alkaline

- Nicht wiederaufladbare Batterien dürfen nicht geladen werden
- Aufladbare Batterien dürfen nur von Erwachsenen geladen werden
- Aufladbare Batterien sind aus dem Batteriehalter herauszunehmen, bevor sie geladen werden.
- Batterien müssen mit der richtigen Polarität eingelegt werden.
- Leere Batterien müssen aus dem Spielzeug herausgenommen werden
- Die Anschlussklemmen dürfen nicht kurzgeschlossen werden.
- Verbrauchte Batterien dem Sondermüll zuführen.
- Drähte nicht in Steckdose einführen!
- Ladegerät regelmäßig auf Schäden überprüfen. Bei einem Schaden darf das Ladegerät bis zur vollständigen Reparatur nicht mehr verwendet werden.

9V rechargeable battery

- Do not attempt to charge NON-rechargeable batteries.
- Rechargeable batteries are only to be charged by adults.
- Take rechargeable batteries out of the battery tray before charging them.
- Insert batteries with the correct polarity.
- Remove dead batteries from the toy.
- Do not short circuit the connecting terminals!
- Discard spent dry cells at special waste disposal centre.
- Do not insert the wires into an outlet!
- Regularly inspect battery charger for damage. If the battery charger has been damaged, it should not be used further until fully repaired.

pile 9V

- Il est interdit de recharger des piles qui ne sont pas des accumulateurs
- Le chargement des accumulateurs doit toujours se faire par des adultes
- Retirer les accumulateurs du support de pile avant de les recharger.
- Veiller à la polarité correcte lors de la mise en place des piles.
- Retirer impérativement les piles ou accumulateurs vides du jouet.
- Il est interdit de court-circuiter les bornes de raccordement.
- Jeter les piles usagées dans un conteneur spécial réservé à cet effet.
- Ne pas introduire les fils dans une prise !
- Contrôlez régulièrement le chargeur en vue d'éventuelles détériorations
- En cas de détérioration, il est interdit d'utiliser le chargeur jusqu'à ce qu'il ait été intégralement réparé

alkaline batterijje

- Niet-oplaadbare batterijen mogen niet worden opgeladen.
- Oplaadbare batterijen mogen uitsluitend door volwassenen worden opgeladen.
- Oplaadbare batterijen moeten uit de batterijhouder worden verwijderd, voordat deze worden opgeladen.
- De batterijen moeten met de juiste polariteit worden geplaatst.
- Lege batterijen moeten uit het speelgoed worden verwijderd.
- De aansluitklemmen mogen niet worden kortgesloten.
- Afgevoerd gebruikte batterijen bij het klein chemisch afval (KCA).
- Geen draden in de contactdoos steken!
- Laadtoestel regelmatig controleren op schade. Bij schade mag het laadtoestel niet meer gebruikt worden tot het volledig hersteld is.

pila alcalina bloque de 9 Voltios

- Las pilas no recargables no pueden ser cargadas
- Las pilas recargables sólo pueden ser cargadas por un adulto
- Las pilas recargables deben ser extraídas del compartimiento de pilas antes de que sean cargadas.
- Las pilas deben ser colocadas con la polaridad correcta.
- Las pilas descargadas deben ser extraídas del juguete
- Los bornes de conexión no pueden ser puestos en cortocircuito.
- Retirar las baterías viejas, desechándolas en un depósito de basuras especiales.
- No introducir hilos en la toma de corriente!
- Comprobar con regularidad si el cargador presenta daños. En caso de presentar daños, el cargador no debe volver a ser utilizado hasta que esté completamente reparado.

Bateria alcalina de bloco de 9 V

- Pilhas não recarregáveis não devem ser novamente carregadas.
- Pilhas recarregáveis somente devem ser recarregadas por adultos.
- Pilhas recarregáveis devem ser retiradas do compartimento de pilhas antes de serem carregadas.
- As pilhas devem ser colocadas com a polaridade correta.
- As pilhas descarregadas devem ser retiradas do brinquedo.
- Os terminais de conexão não devem ser curto-circuitados.
- Eliminar as baterias esgotadas como desperdício perigoso
- Nunca introduzir fios na tomada!
- Verificar regularmente se o carregador apresenta danos. Em caso de dano, o carregador não deverá ser utilizado enquanto não estiver plenamente consertado.

1 batteria alcalina da 9 V

- Le batterie non ricaricabili non devono essere ricaricate
- Le batterie ricaricabili devono essere ricaricate da persone adulte
- Le batterie ricaricabili si devono estrarre dal supporto prima di ricaricarle.
- Le batterie si devono inserire rispettando la polarità.
- Togliere le batterie dal giocattolo quando sono scariche
- I morsetti di allacciamento non devono essere cortocircuitati.
- Smaltire le batterie usate negli appositi contenitori per la raccolta differenziata.
- Non inserire i fili nella presa elettrica.
- Controllare periodicamente se il caricabatterie presenta dei danni. In caso di danni, il caricabatterie non deve più essere utilizzato fino alla riparazione.

1 алкаиновая батарейка на 9 В

- Не пытайтесь заряжать перезаряжаемые батарейки.
- Зарядку перезаряжаемых аккумуляторов разрешается выполнять только взрослым.
- Перед зарядкой перезаряжаемых аккумуляторов извлеките их из аккумуляторного отсека.
- При установке аккумуляторов на место соблюдайте полярность.
- Разряженные батарейки необходимо извлечь из игрушки.
- Не замыкайте коротко соединительные клеммы.
- И использованные батареи утилизировать как спецотходы.
- Не вставляйте в розетку провода!
- Регулярно проверяйте зарядное устройство на отсутствие повреждений. При наличии повреждений использовать зарядное устройство до выполнения его полного ремонта не разрешается.

1 个 9V 的碱性电池或

- 不得给非充电电池充电
- 只允许由成年人给充电电池充电
- 在充电前必须将充电电池从电池夹中取出。
- 必须按照正负极正确放入电池。
- 必须从玩具中取出没有电的电池
- 接线柱不允许被短路。
- 用完了的电池应作为特种垃圾处理。
- 禁止将金属丝插入插座！
- 经常检查充电器是否有损坏情况。如果充电器有损，直到完全修好为止不可以再使用。

Das Spielzeug darf nur mit einer der folgenden fischertechnik Energiequellen benutzt werden:
Art-Nr.: 135719 Batteriehalter 9V oder Art.-Nr.: 35537 Accu Pack 8,4V.

The toy may only be used with one of the following fischertechnik energy sources:

Art No.: 135719 battery tray 9V or Art No.: 35537 Accu Pack 8.4V. You are not allowed to use 9V NiMH accu packs in this product.

L'utilisation de ce jouet n'est permis qu'avec l'une des sources d'énergie fischertechnik suivantes:
Art. n° : 135719 support de pile 9 volts ou Art. n° : 35537 pack d'accumulateurs 8,4 volts.

Het speelgoed mag uitsluitend met een van de volgende fischertechnik energiebronnen worden gebruikt: art.nr.: 135719 batterijhouder 9V of art.nr.: 35537 accupack 8,4V

El juguete se debe utilizar únicamente con una de las siguientes fuentes de energía:
Art. No. 135719 soporte de pila de 9V o Art. No. 35537 paquete acumulador de 8,4V.

O brinquedo somente pode ser utilizado com uma das seguintes fontes de energia da fischertechnik: art. nº: 135719 Suporte de bateria de 9 V ou art. nº: 35537 Bloco de bateria de 8,4V.

Questo giocattolo può essere utilizzato solo con le seguenti fonti di energia fischertechnik: cod. prod.: 135719 portabatteria da 9V oppure cod. prod.: 35537 confezione batterie da 8,4V.

Игрушку можно использовать только с одним из следующих источников энергии от fischertechnik: арт. №: 135719 держатель батареек 9В или арт. №: 35537 Accu Pack 8,4В

该玩具只允许使用如下的慧鱼 (fischertechnik) 能量源：商品号：135719，9V 电池夹，或者商品号：35537，8.4V 电池套件 (Accu Pack)

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 scherpe randen of punten!

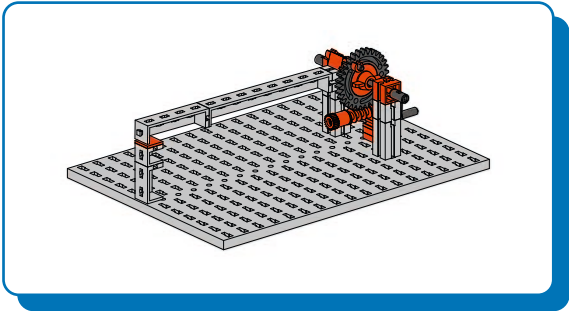
Atención! ¡Cuidado, no te hagas daño con los componentes con bordes afilados o puntiagudos!

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!

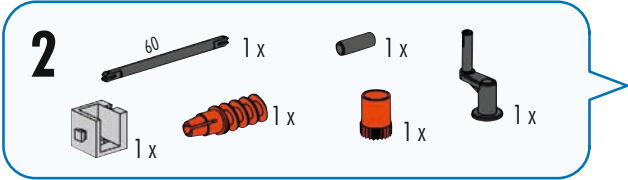
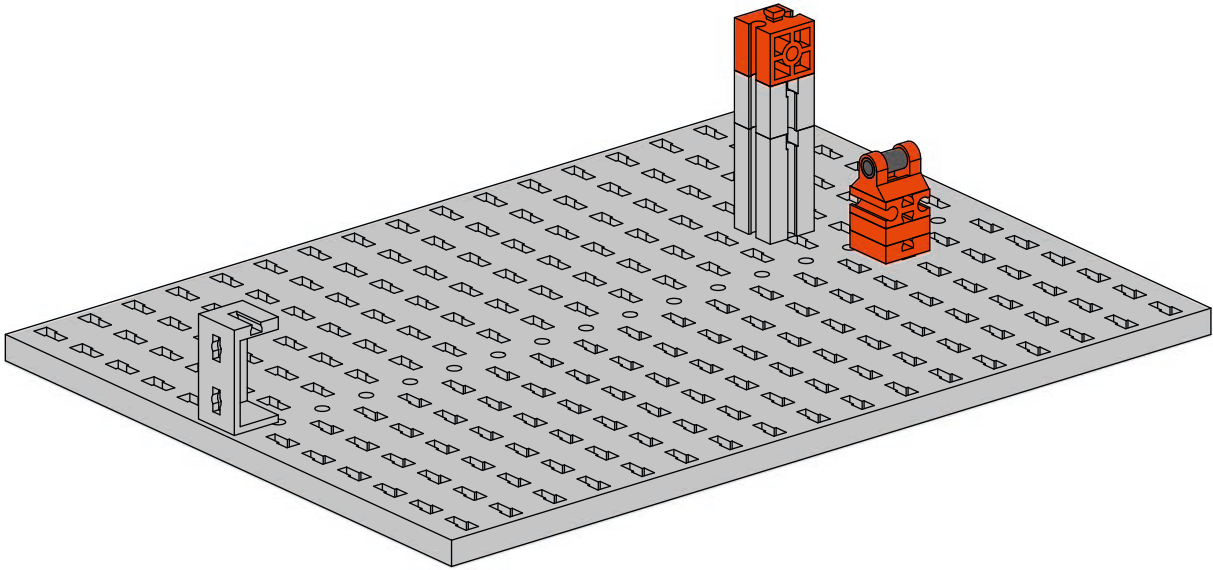
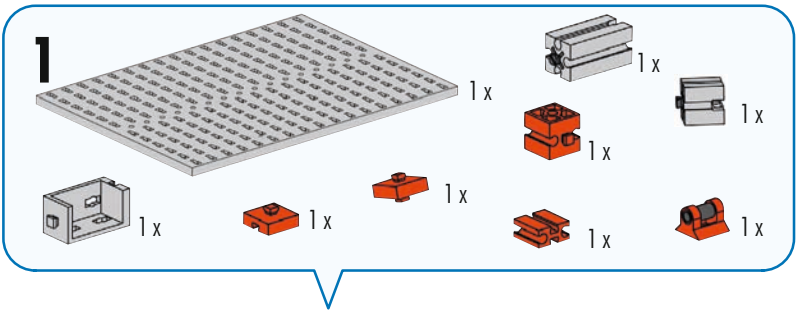
注意！因功能需要而带有锋利的棱边和尖角的部件可能会带来受伤危险！



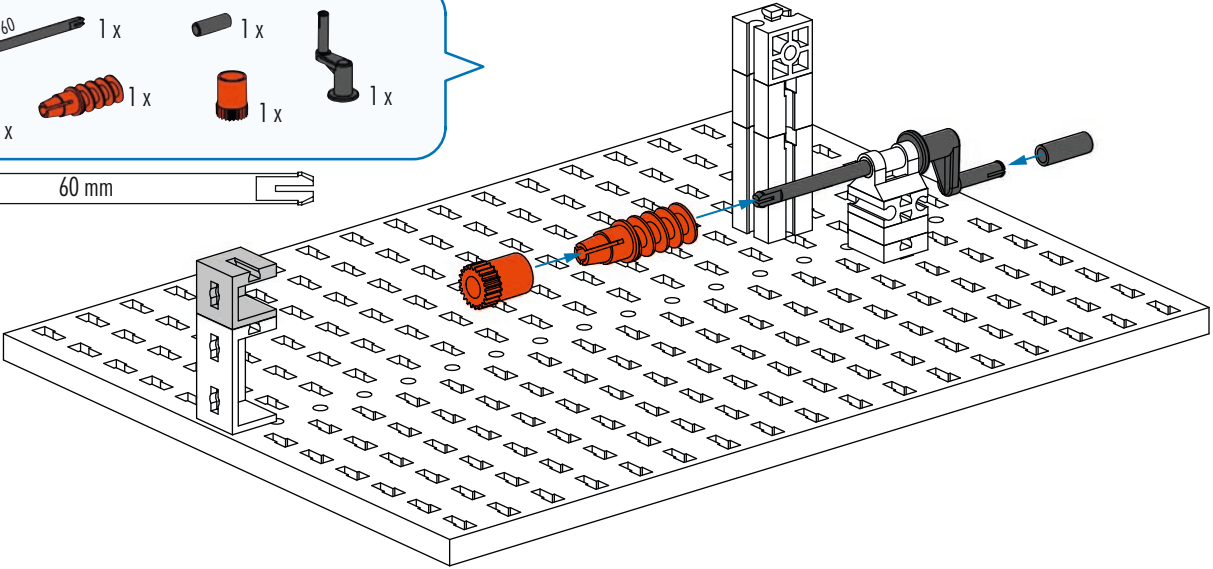
Schranke
Bar
Barrière

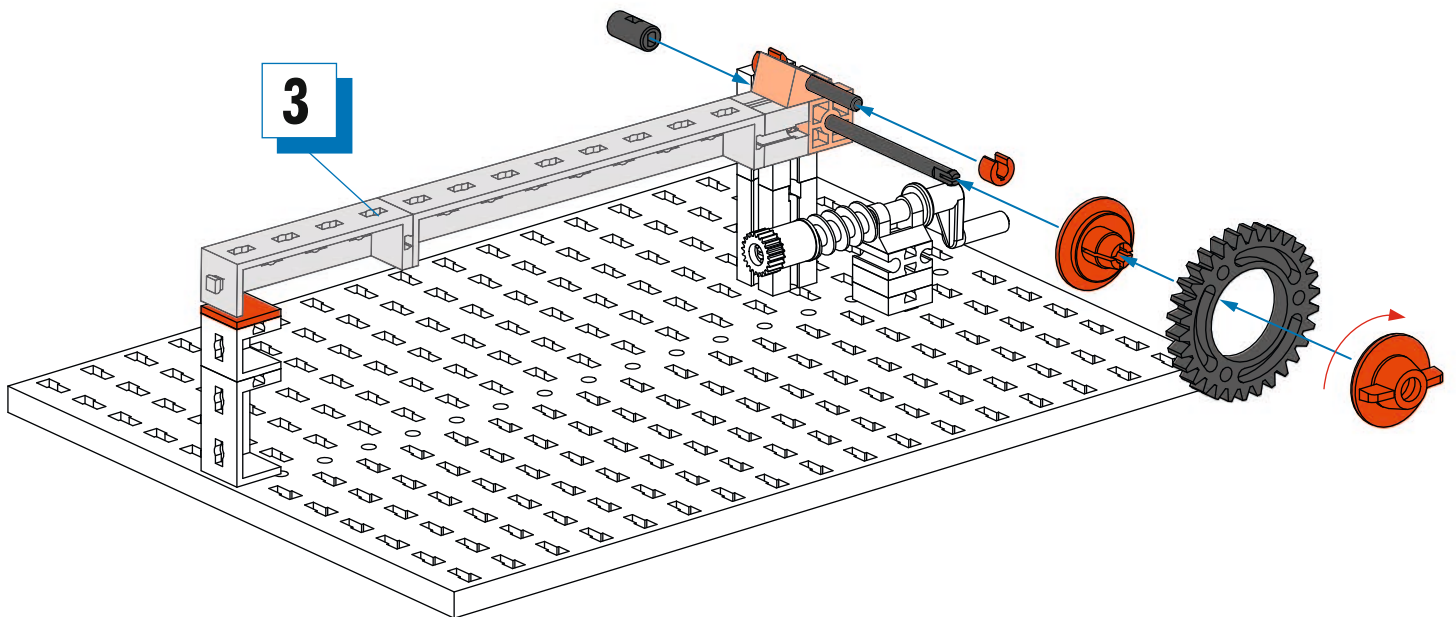
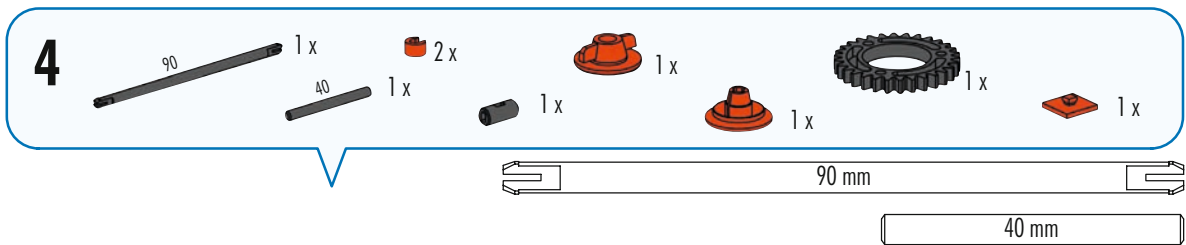
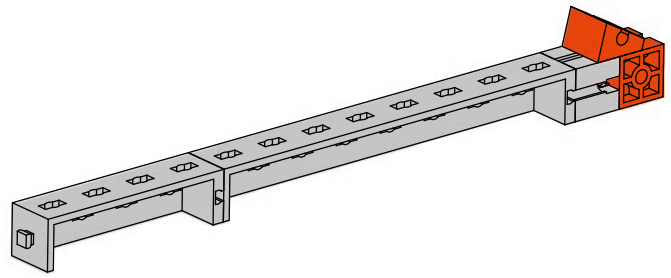
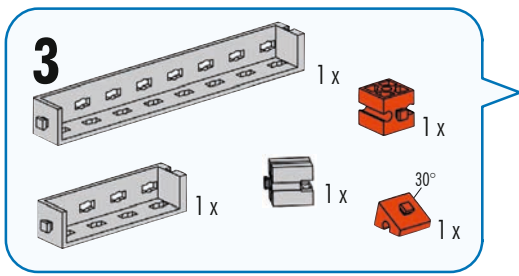
Slagboom
Barrera
Barriera

Barreira
Шлагбаум
栅栏

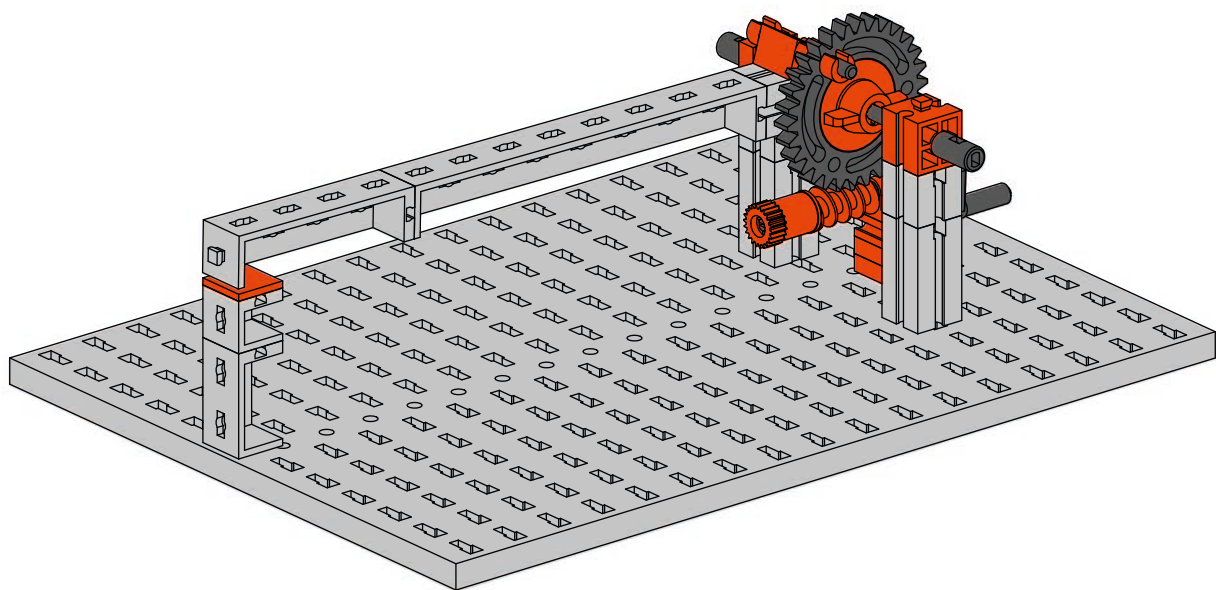
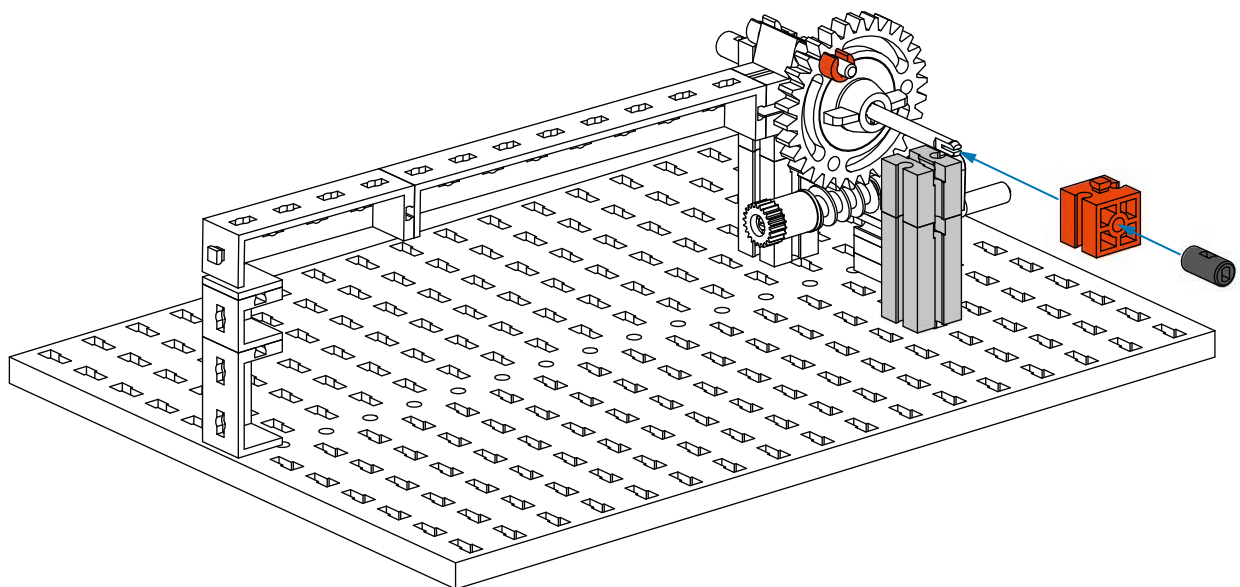
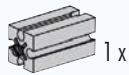


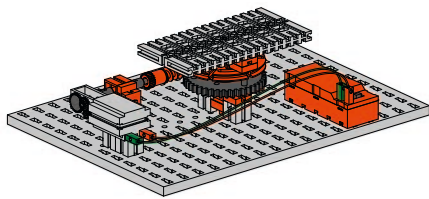
60 mm





5



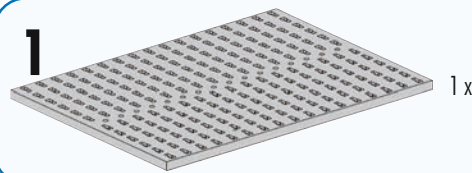


Drehtisch
Turntable
Plateau rotatif

Draaitafel
Mesa giratoria
Tavola rotante

Mesa rotatória
Поворотный стол
转台

1



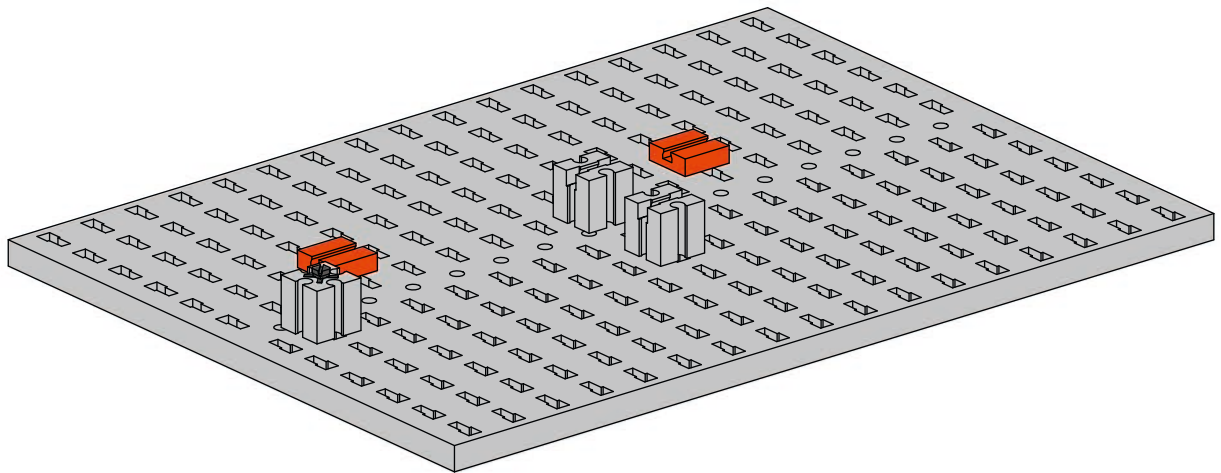
2 x



2 x



1 x



2



3 x



2 x



1 x

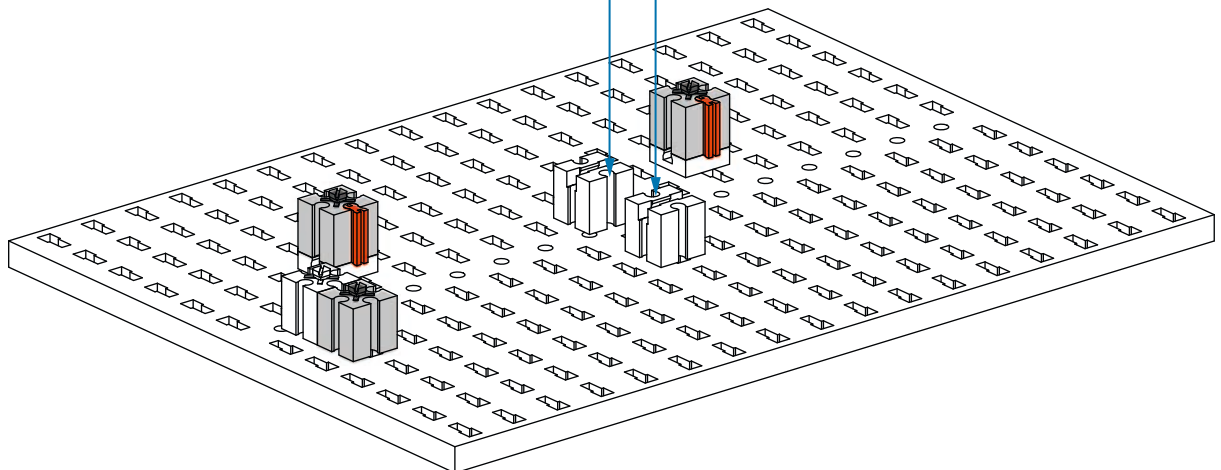


1 x

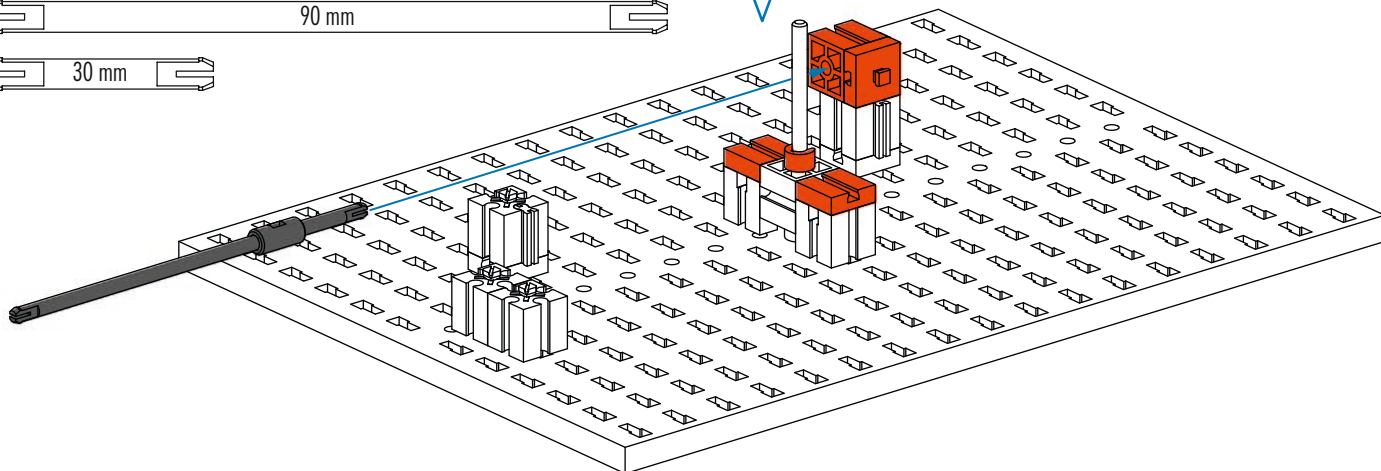
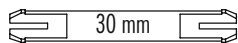
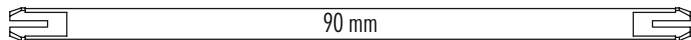


1 x

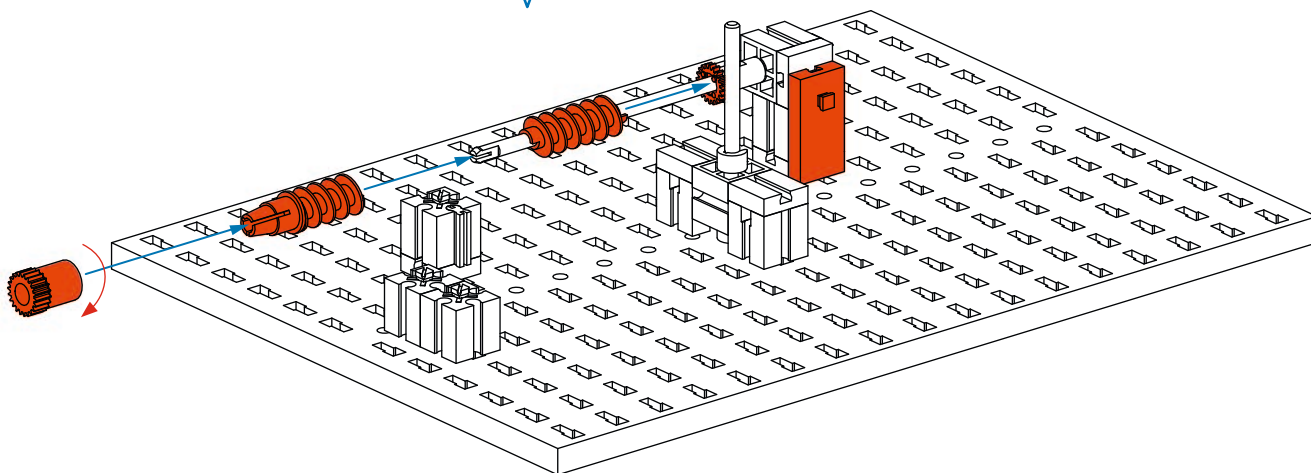
60 mm



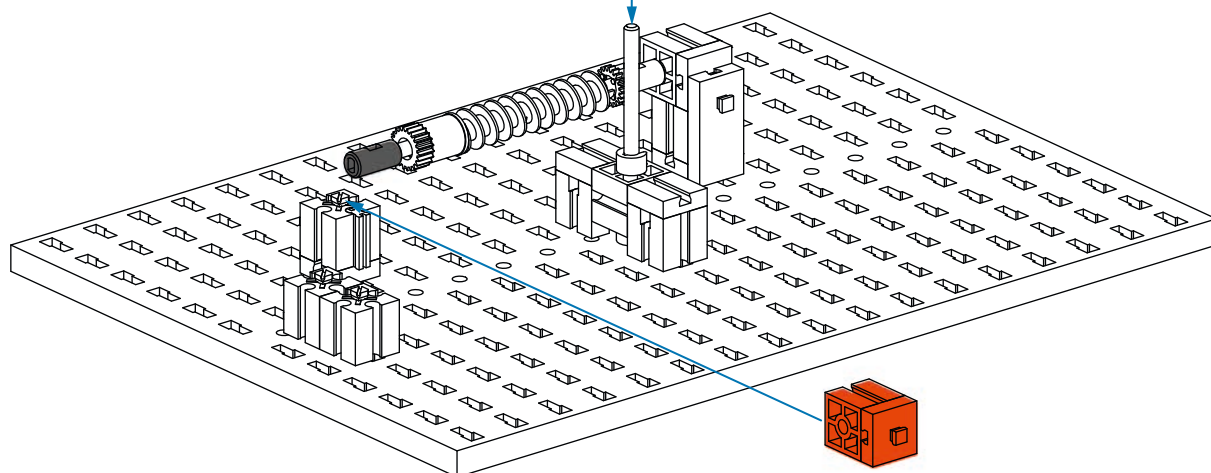
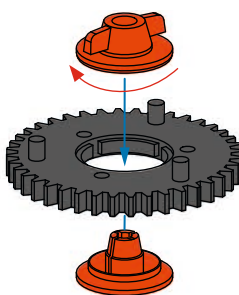
3 30 1x 90 1x 1x 1x 3x 1x

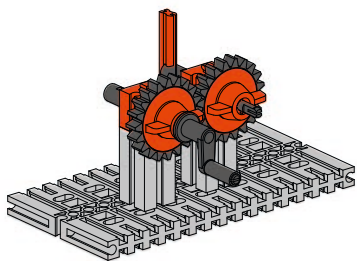


4 1x 1x 1x 1x 1x



5 1x 1x 1x 1x 1x





Kurbelgetriebe 1

Crank gear 1

Mécanisme à manivelle 1

Krukasoverbrenging 1

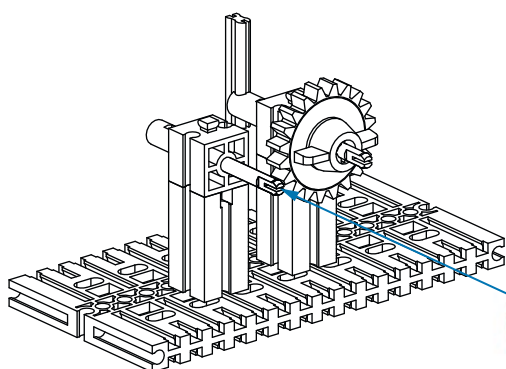
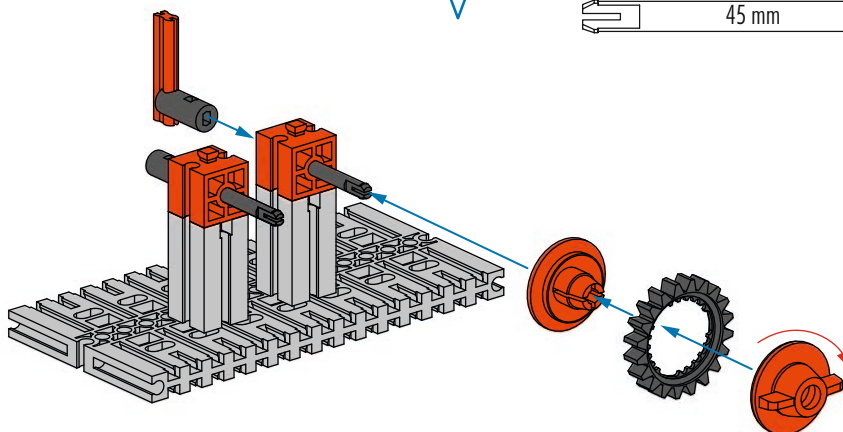
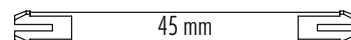
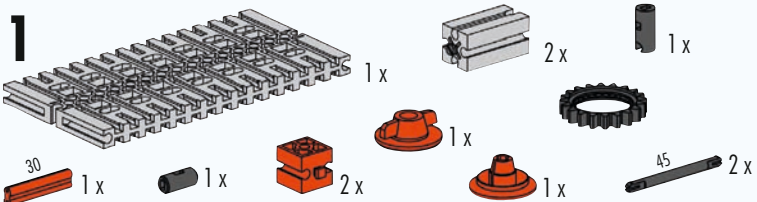
Mecanismo de manivela 1

Engrenagem de manivela 1

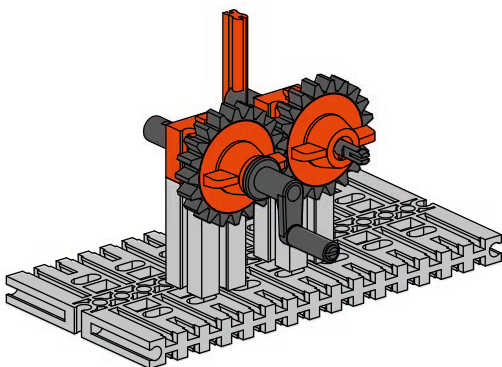
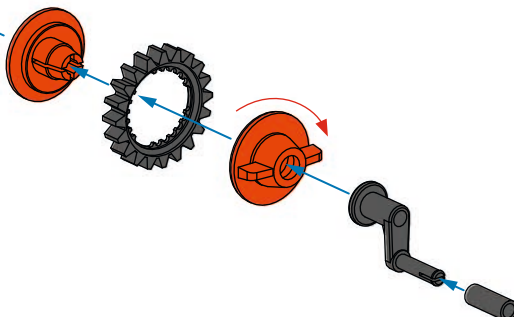
Ingranaggio a manovella 1

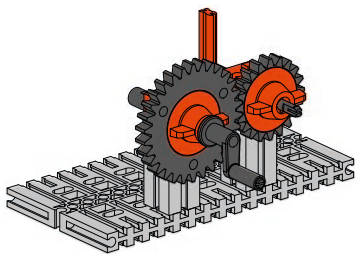
Кривошипный механизм 1

曲柄传动机构 1



2





Kurbelgetriebe 2

Crank gear 2

Mécanisme à manivelle 2

Krukasoverbrenging 2

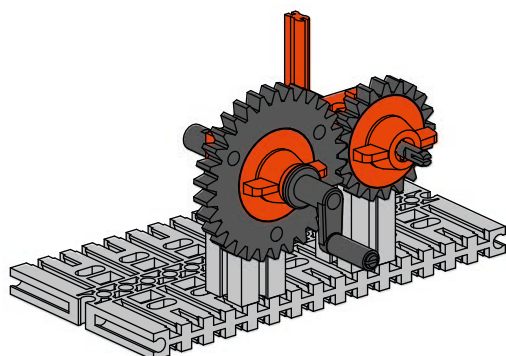
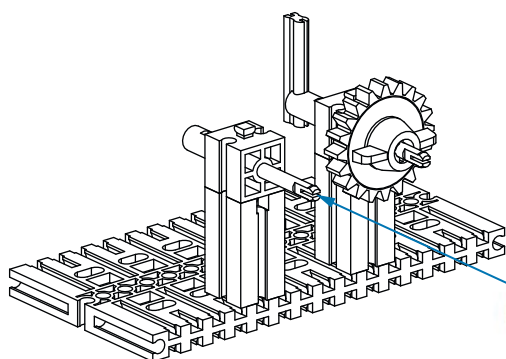
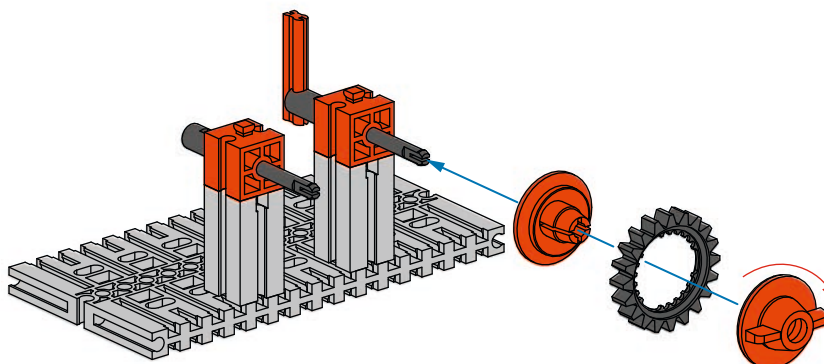
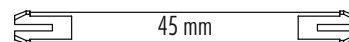
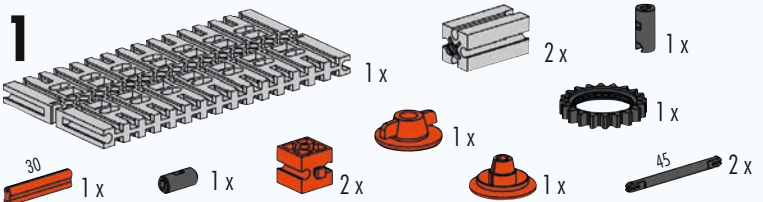
Mecanismo de manivela 2

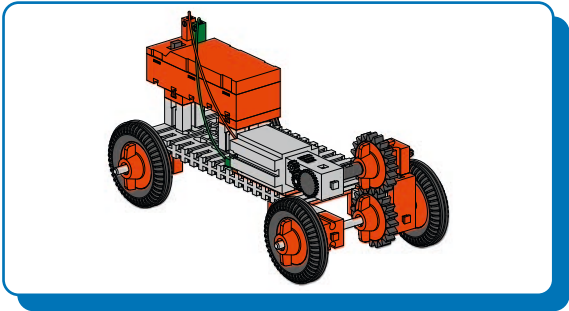
Engrenagem de manivela 2

Ingranaggio a manovella 2

Кривошипный механизм 2

曲柄传动机构 2





Fahrzeug 1
Vehicle 1
Véhicule 1

Voertuig 1
Vehículo 1
Veículo 1

Veicolo 1
Автомобиль 1
1号汽车

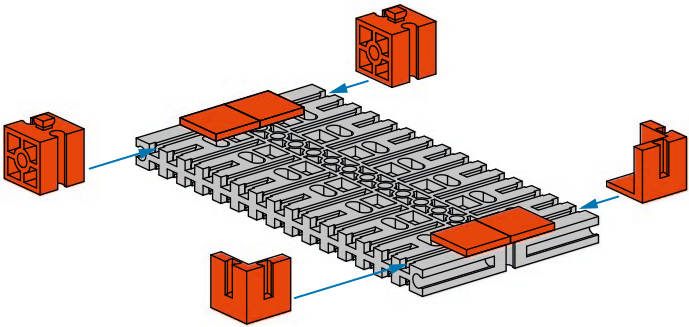
1

1 x

4 x

2 x

2 x



2

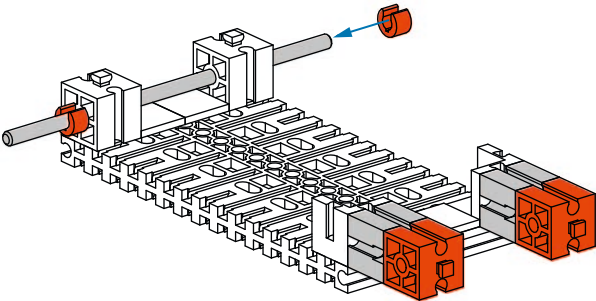
2 x

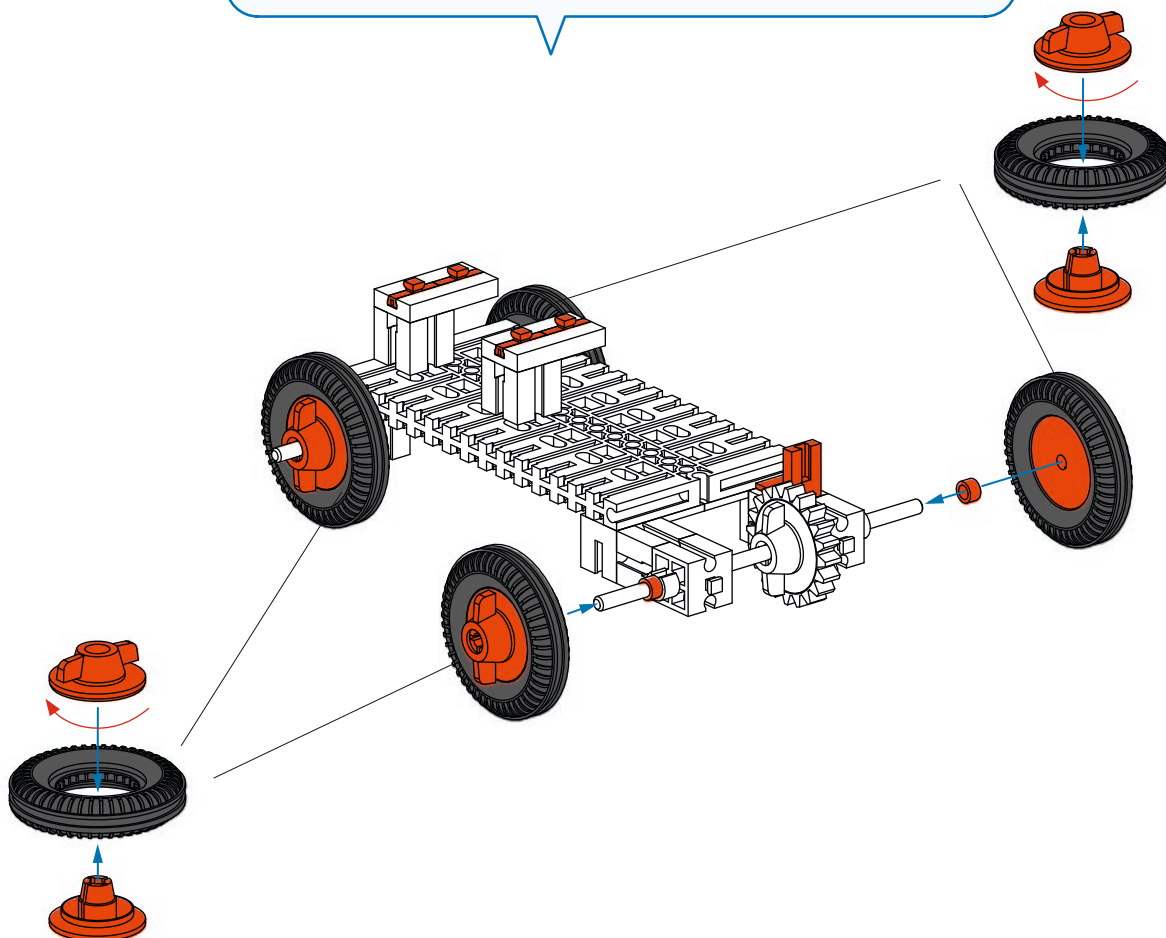
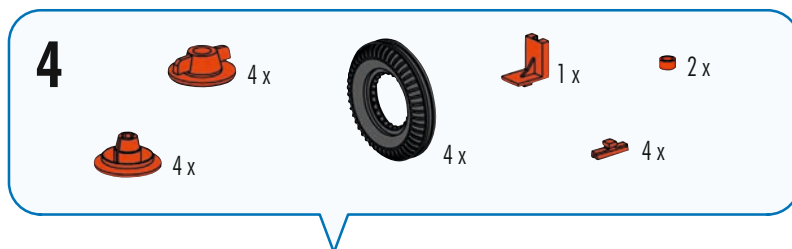
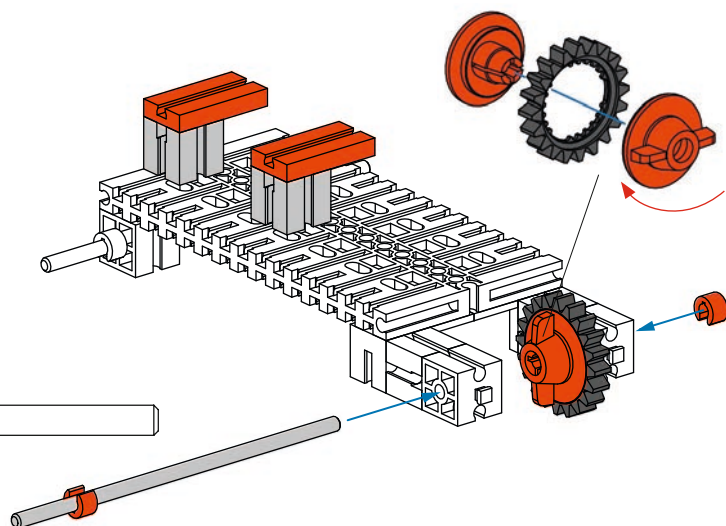
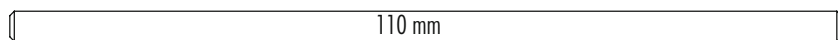
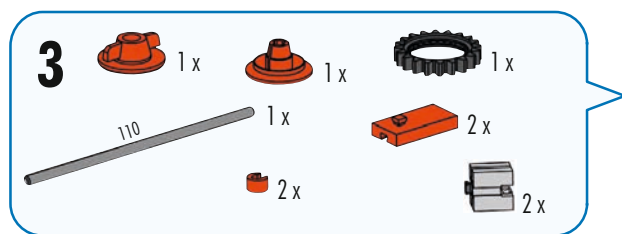
2 x

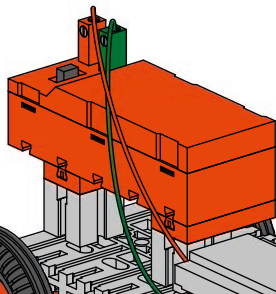
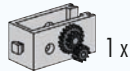
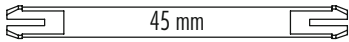
2 x

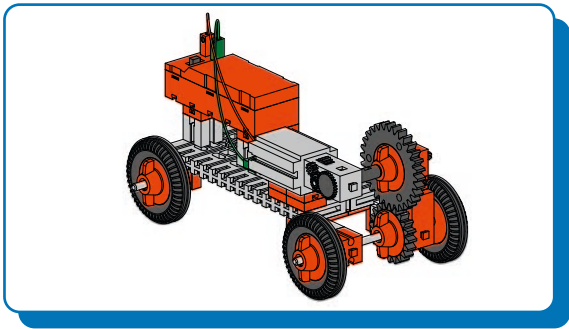
110

1 x









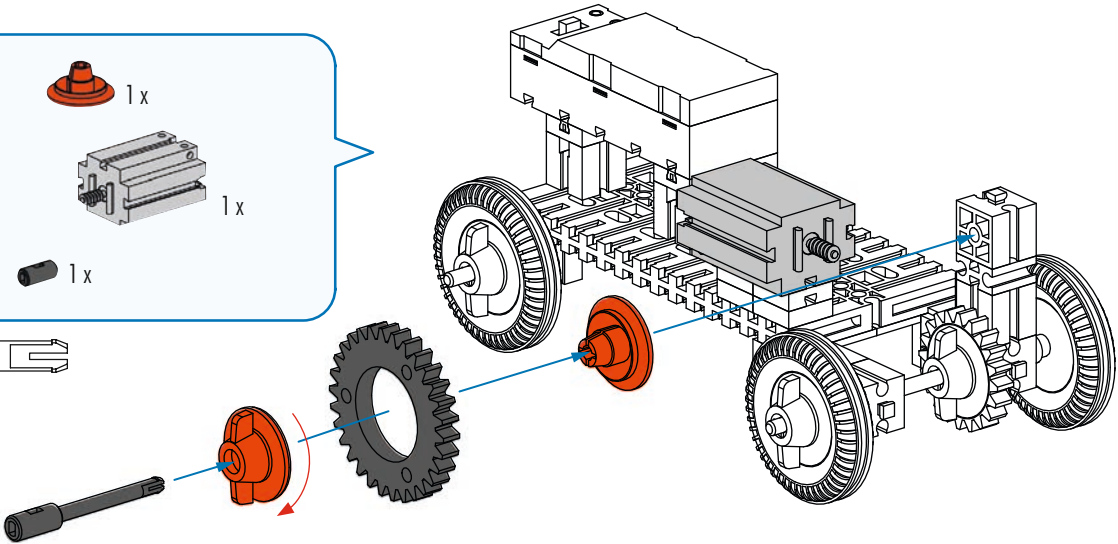
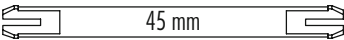
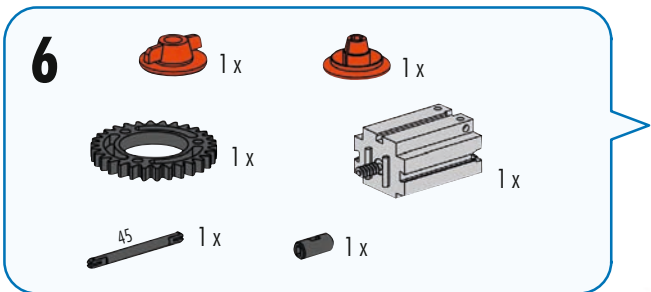
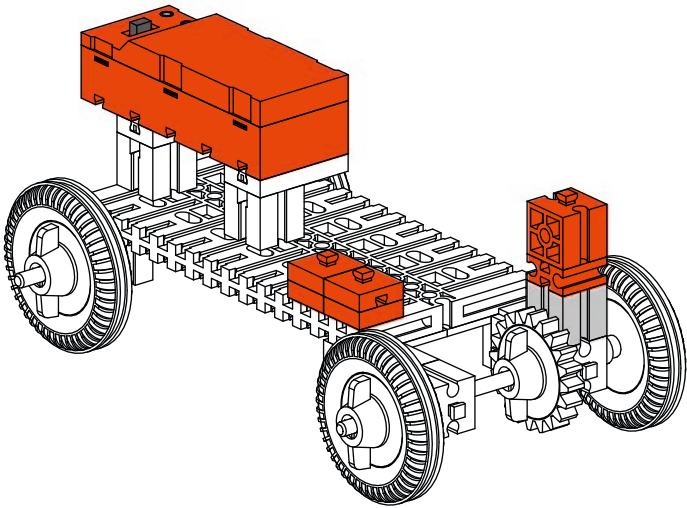
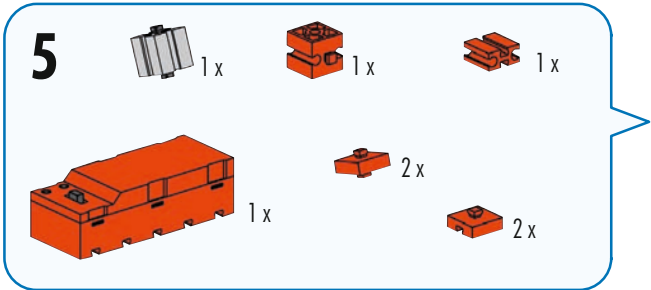
Fahrzeug 2
Vehicle 2
Véhicule 2

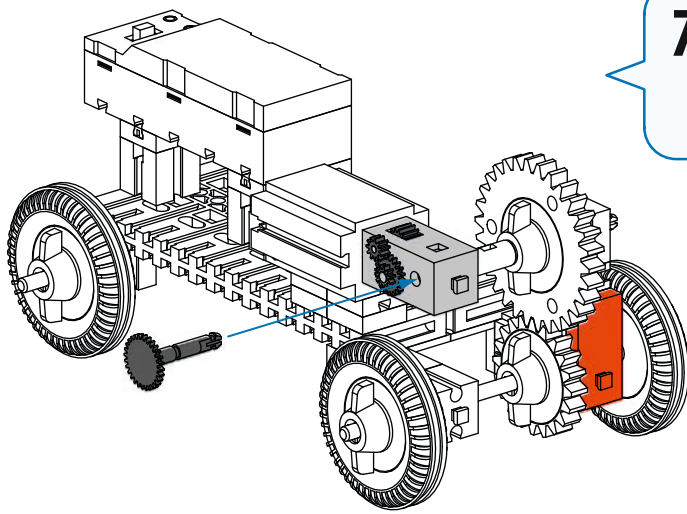
Voertuig 2
Vehículo 2
Veículo 2

Veicolo 2
Автомобиль 2
2号汽车

1-4

Seite	16
Page	16
Page	16
Bladzijde	16
Página	16
Página	16
Página	16
Страница	16
页次	16





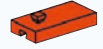
7



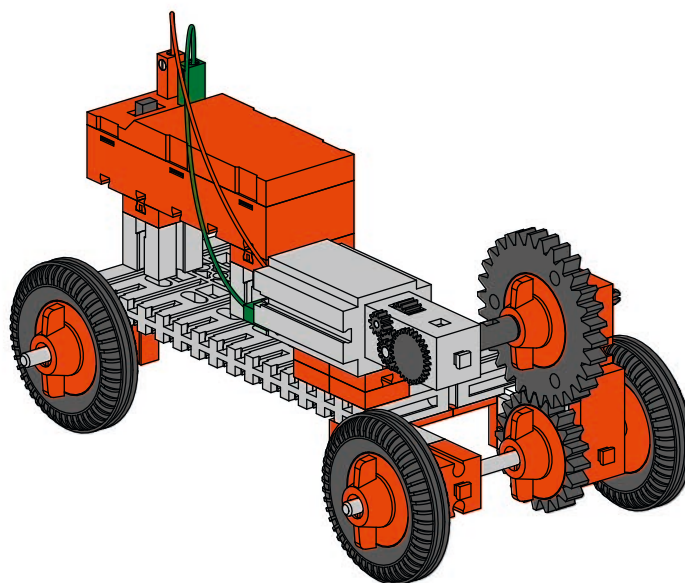
1 x

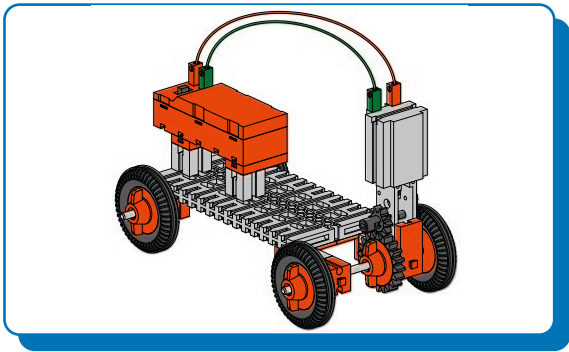


1 x



1 x





Fahrzeug 3
Vehicle 3
Véhicule 3

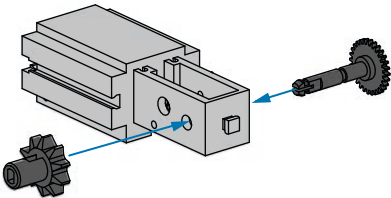
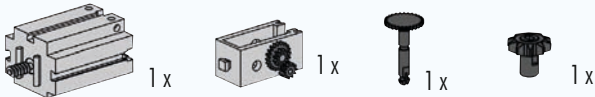
Voertuig 3
Vehículo 3
Veículo 3

Veicolo 3
Автомобиль 3
3号汽车

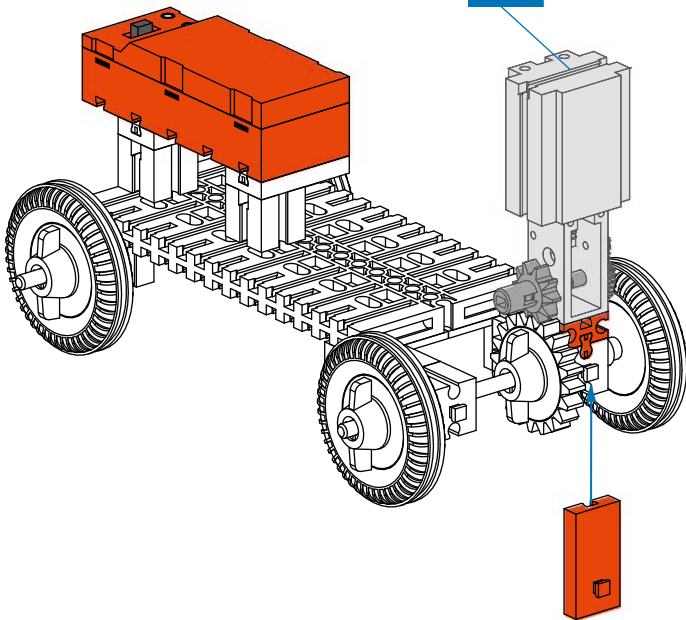
1-4

Seite 16
Page 16
Page 16
Bladzijde 16
Página 16
Pagina 16
Pagina 16
Страница 16
页次 16

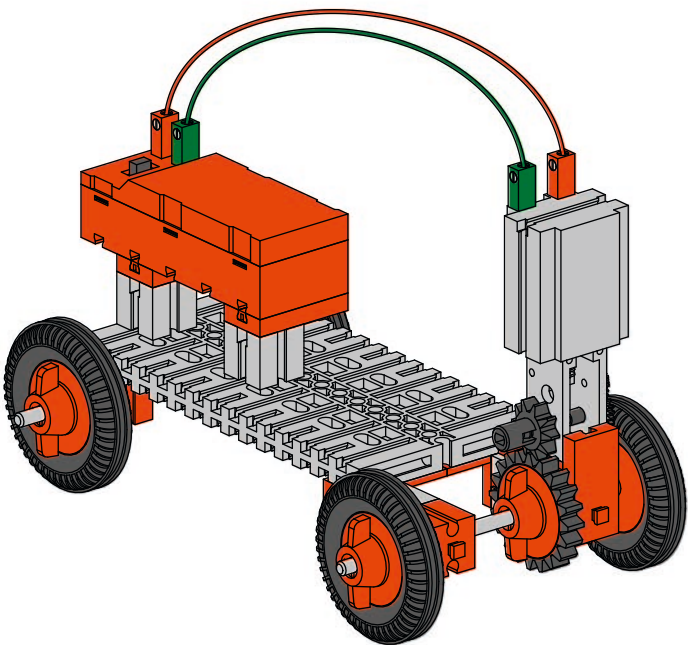
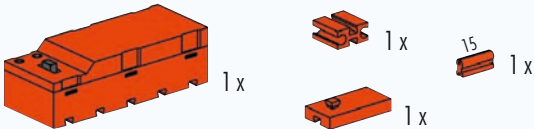
5

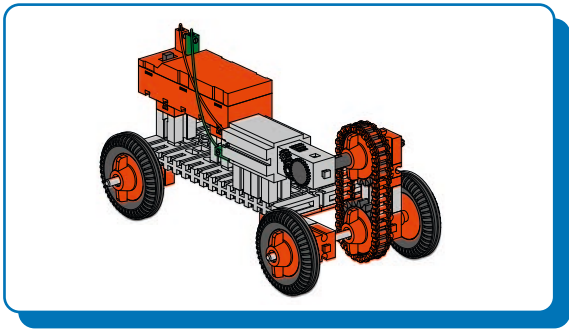


5



6





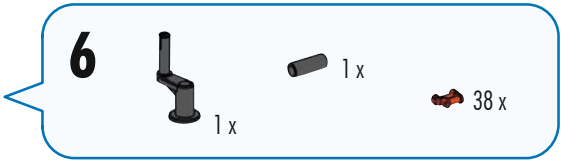
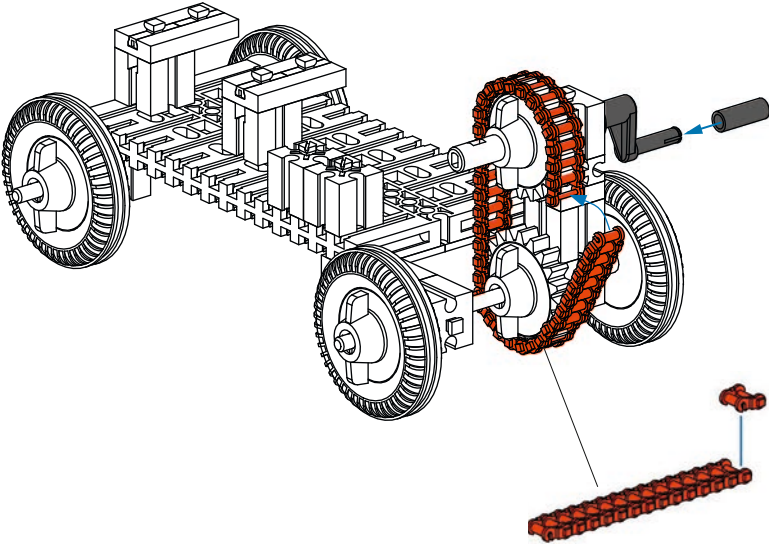
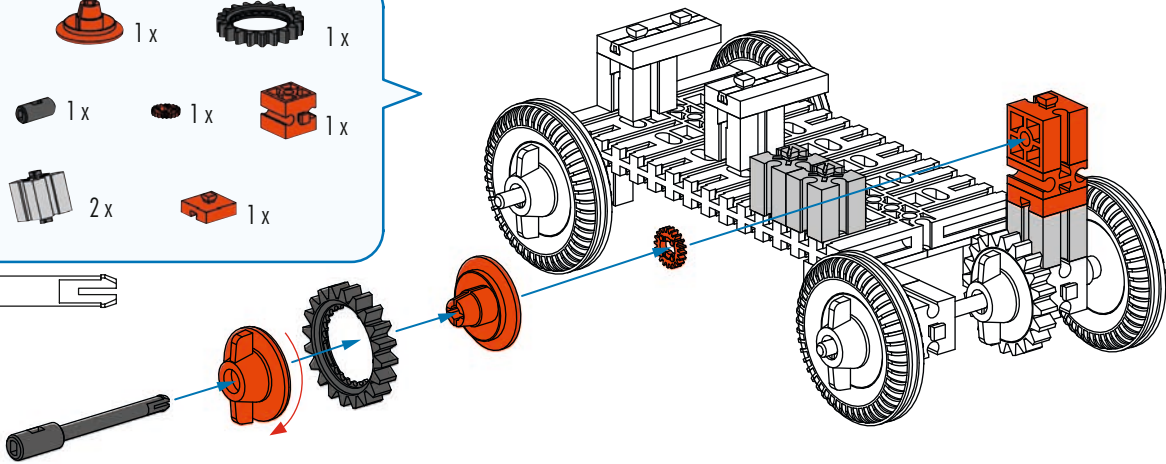
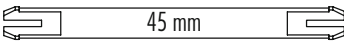
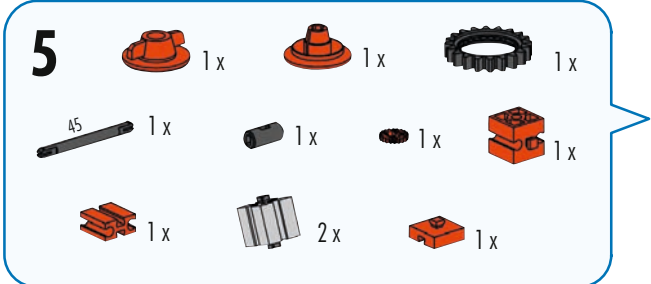
**Zahnradgetriebe
mit Ketten**
Toothed gearing with chains
**Transmission par engrenage
avec chaîne**

**Tandwieloverbrenging met
kettingen**
**Engranaje de ruedas dentadas
con cadenas**
**Engrenagem de rodas denta-
das com correntes**

**Trasmissione a
ingranaggi con catene**
**Редукторная передача
С цепями**
齿轮传动 带链子

1-4

Seite 16
Page 16
Page 16
Bladzijde 16
Página 16
Pagina 16
Pagina 16
Страница 16
页次 16

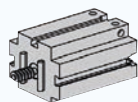


Motorisierung
Motor unit
Motorisation

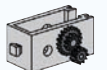
Motorisering
Motorización
Motorização

Motorizzazione
Моторизация
机动化

7



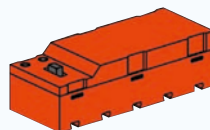
1 x



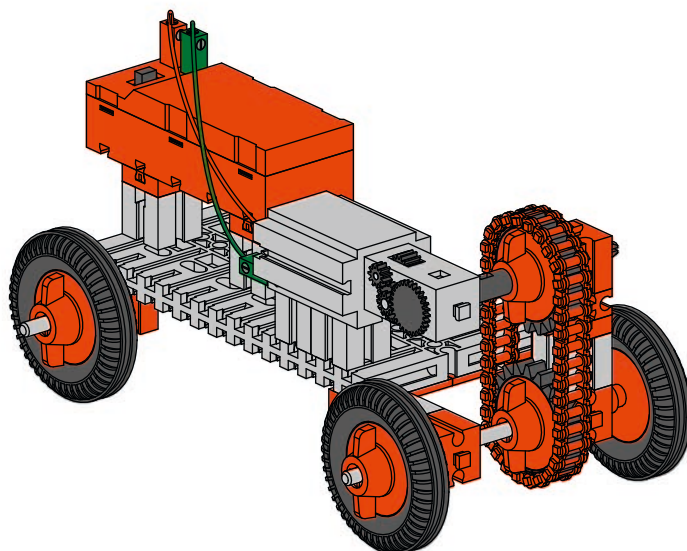
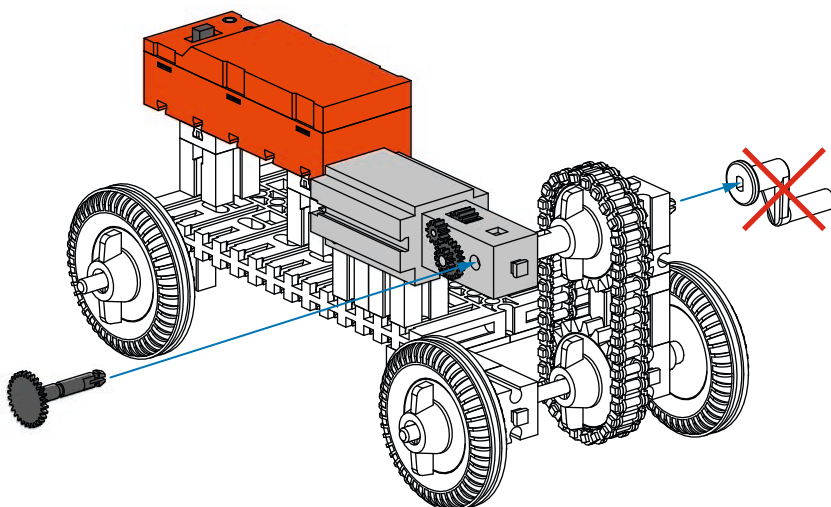
1 x

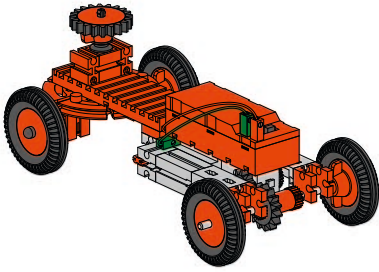


1 x



1 x



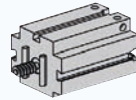


Fahrzeug mit Lenkung
Vehicle with steering
Véhicule avec direction

Voertuig met besturing
Vehículo con dirección
Veículo com direção

Veicolo con sterzo
Автомобиль с рулевым
управлением
带方向盘的车辆

1



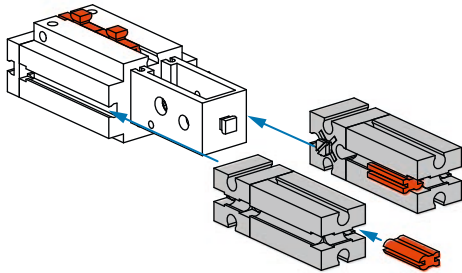
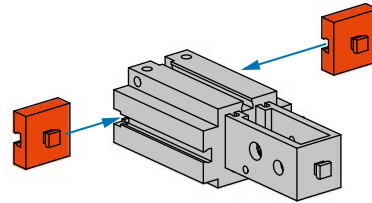
1 x



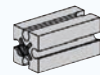
1 x



2 x



2



2 x



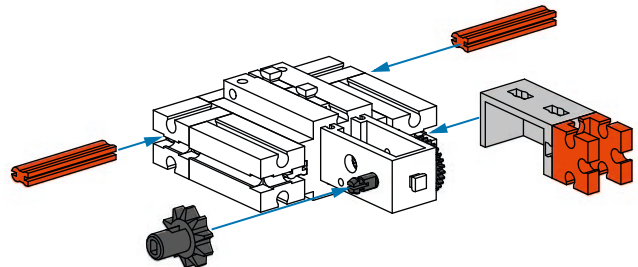
2 x



2 x



2 x



3



2 x



1 x



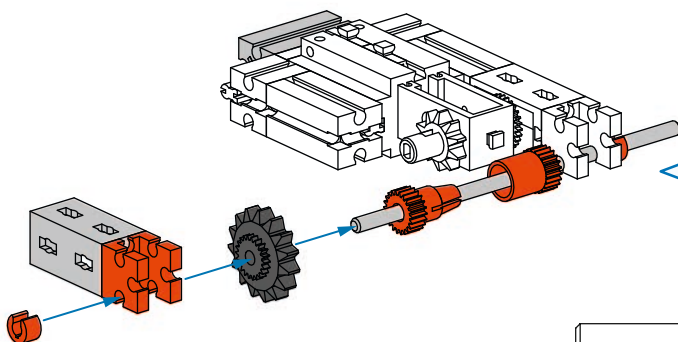
1 x



1 x



1 x



4



1 x



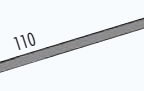
1 x



1 x



2 x



1 x



1 x



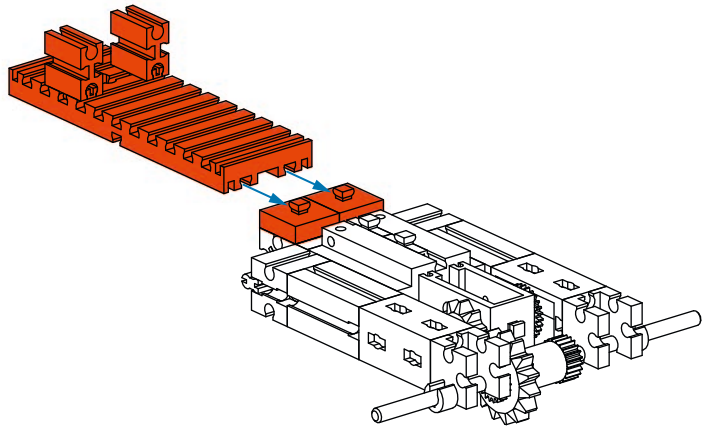
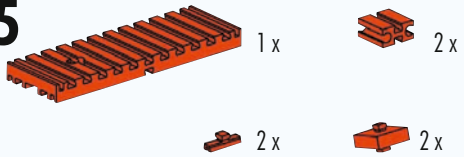
1 x



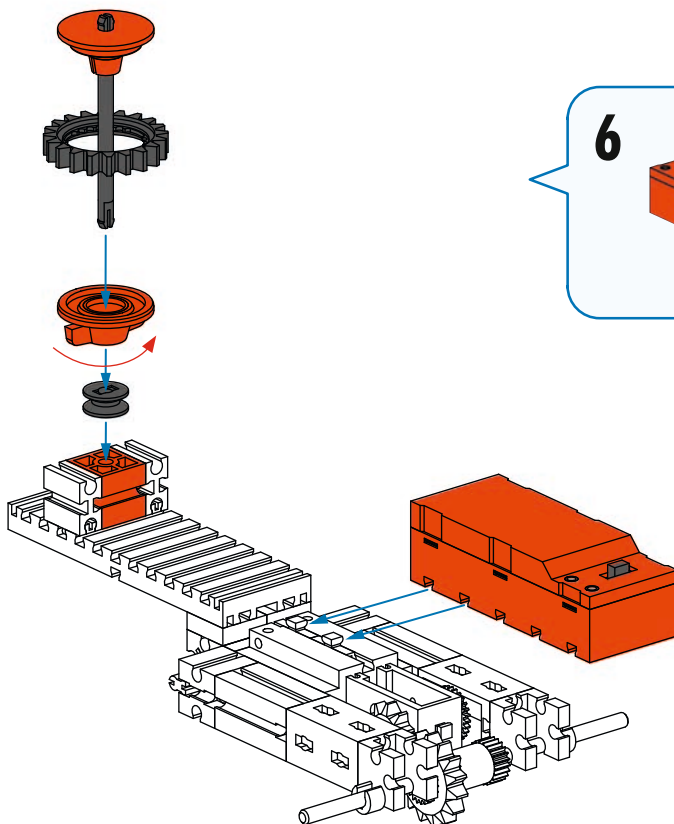
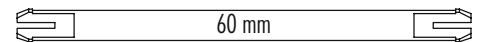
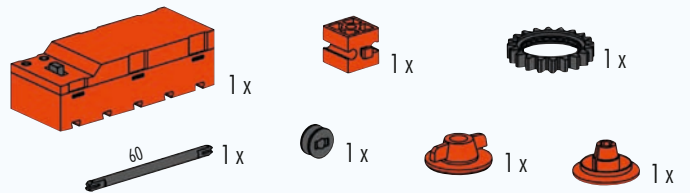
1 x

110 mm

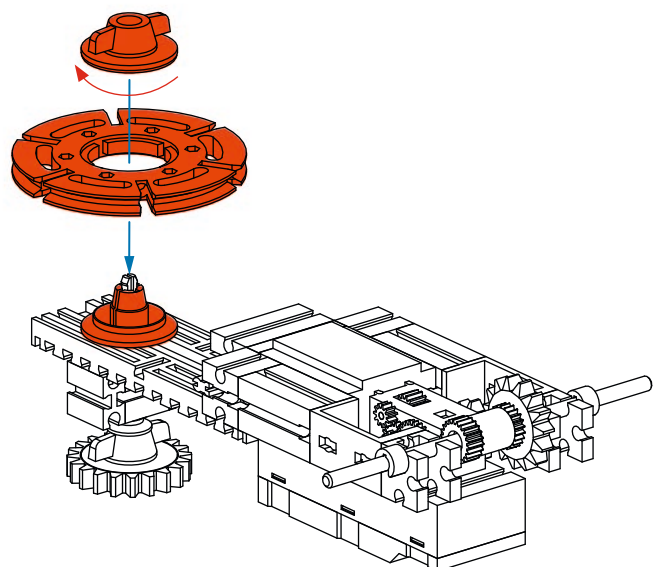
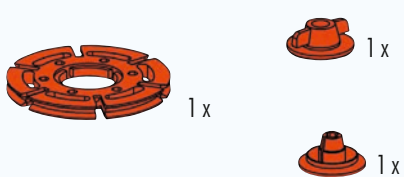
5



6



7



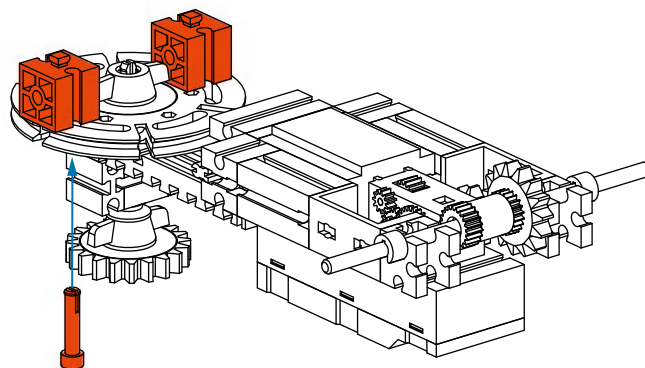
8



2 x



1 x



9



4 x



4 x



1 x



3 x



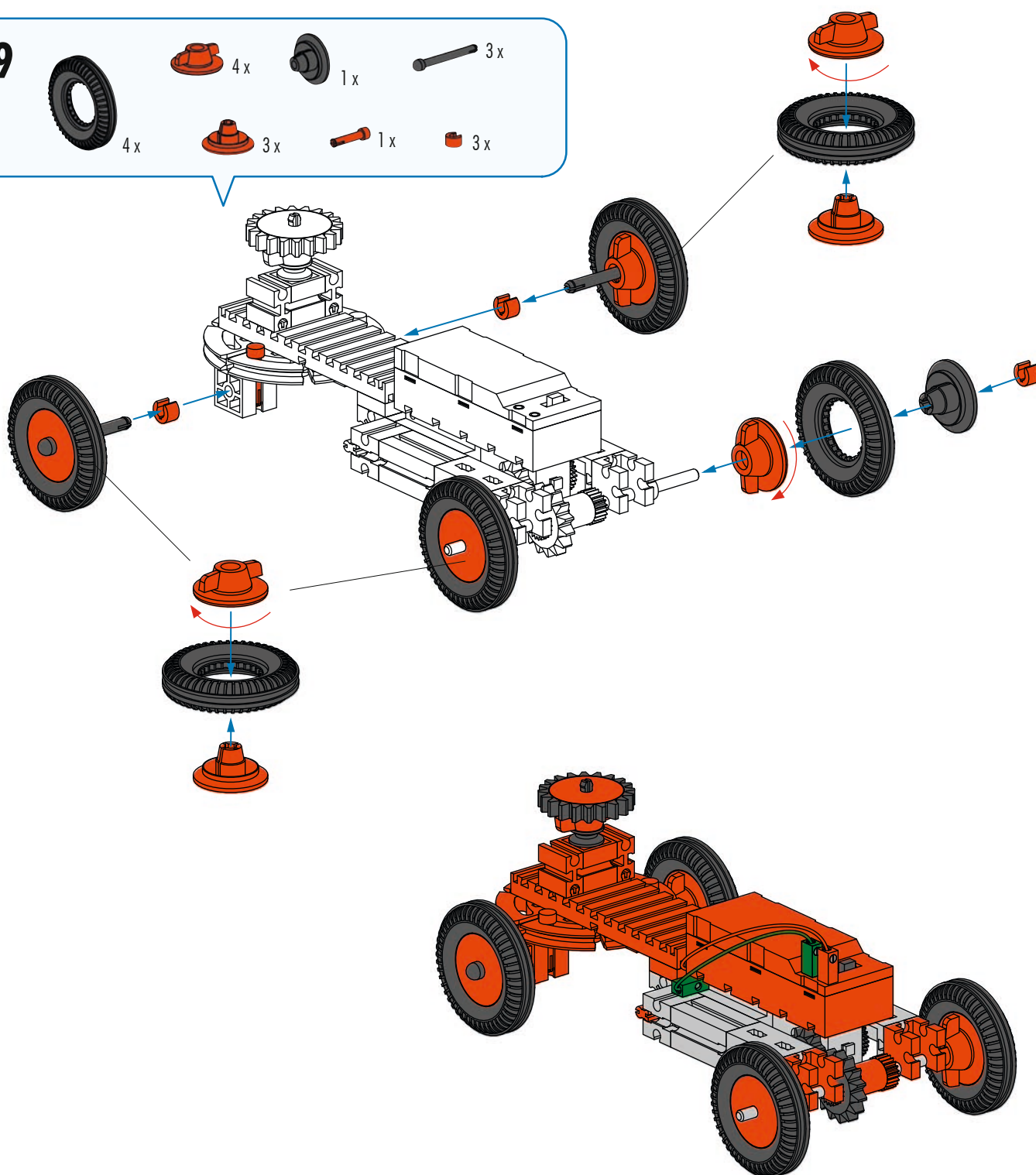
3 x

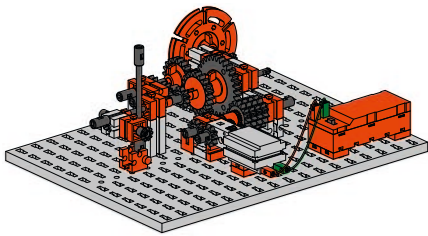


1 x



3 x





Schaltgetriebe

Gearbox

Mécanisme intermittent

Schakeloverbrenging

Cambio de velocidades

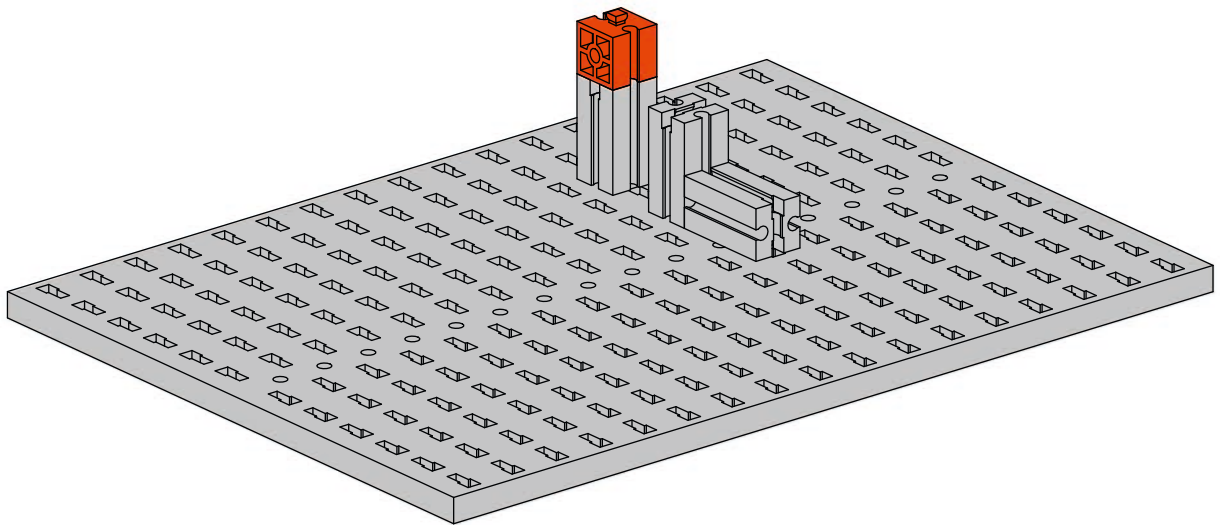
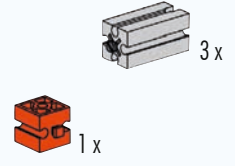
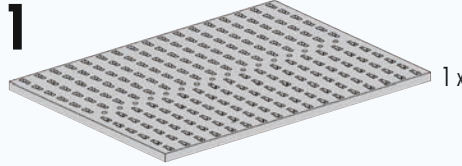
Caixa de câmbio

Cambio meccanico

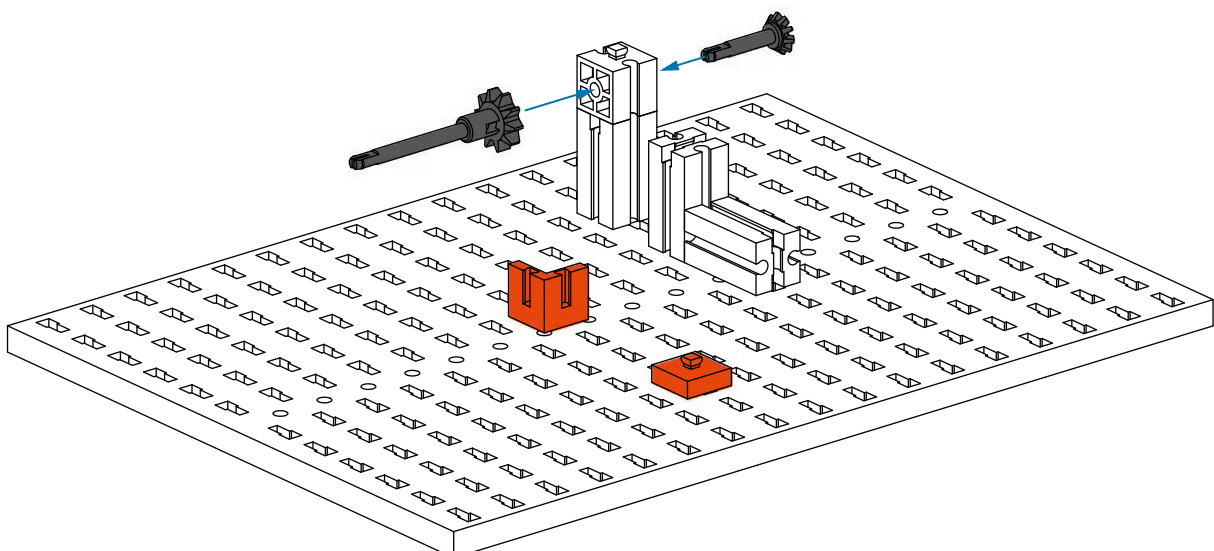
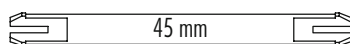
Коробка передач

变速器

1

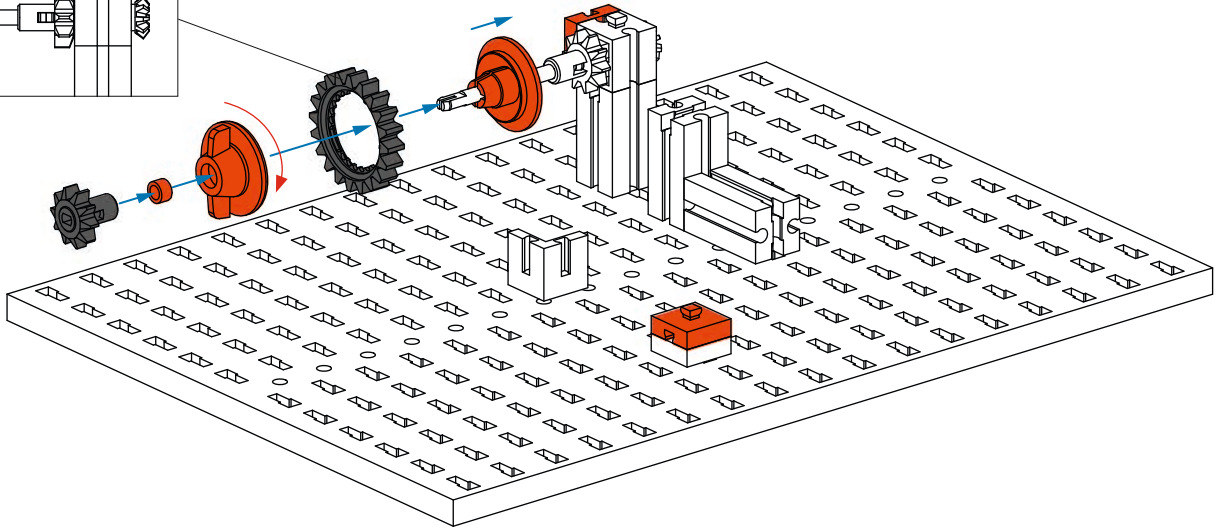
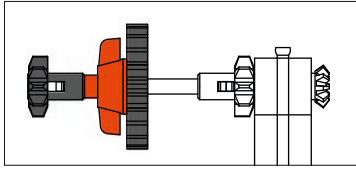


2



3

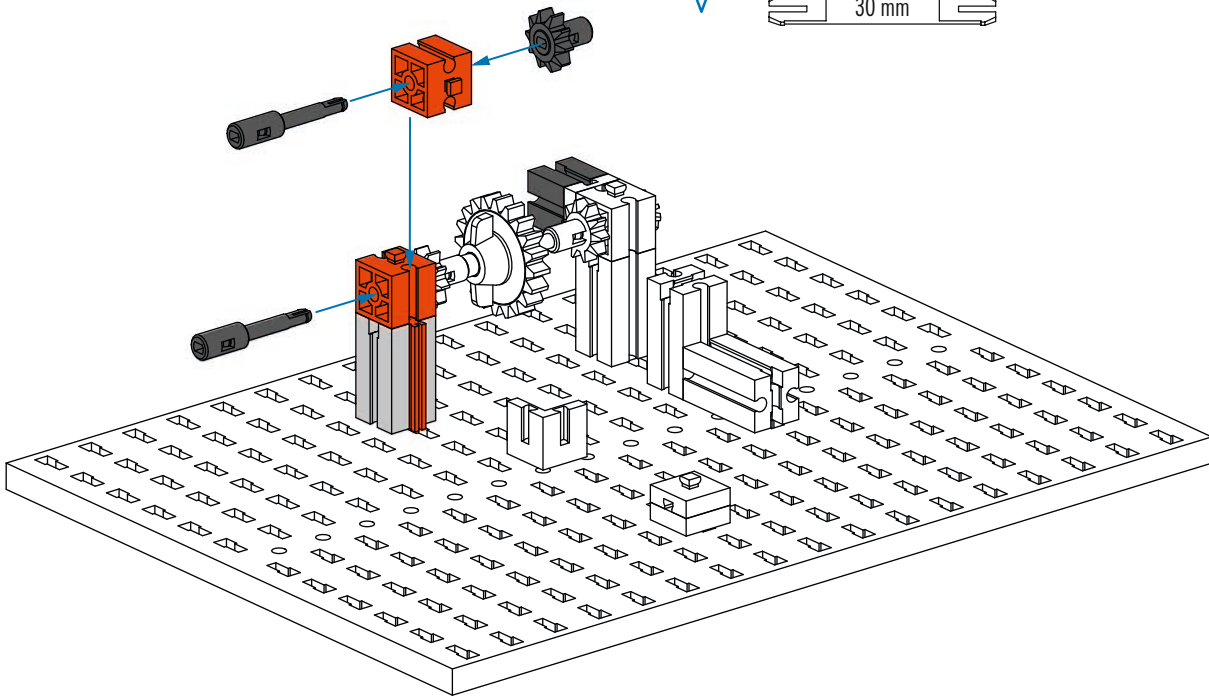
1x 1x 1x 1x 1x 2x



4

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

30 mm

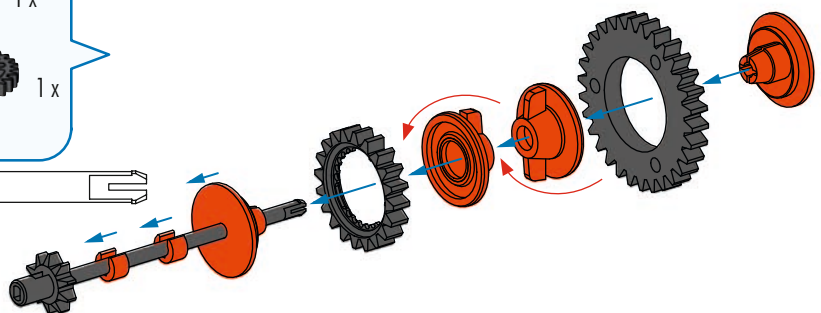
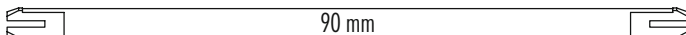


5

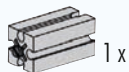
2x 2x 1x 1x 1x 2x

90

90 mm



6



1x



1x



1x



1x



1x



1x



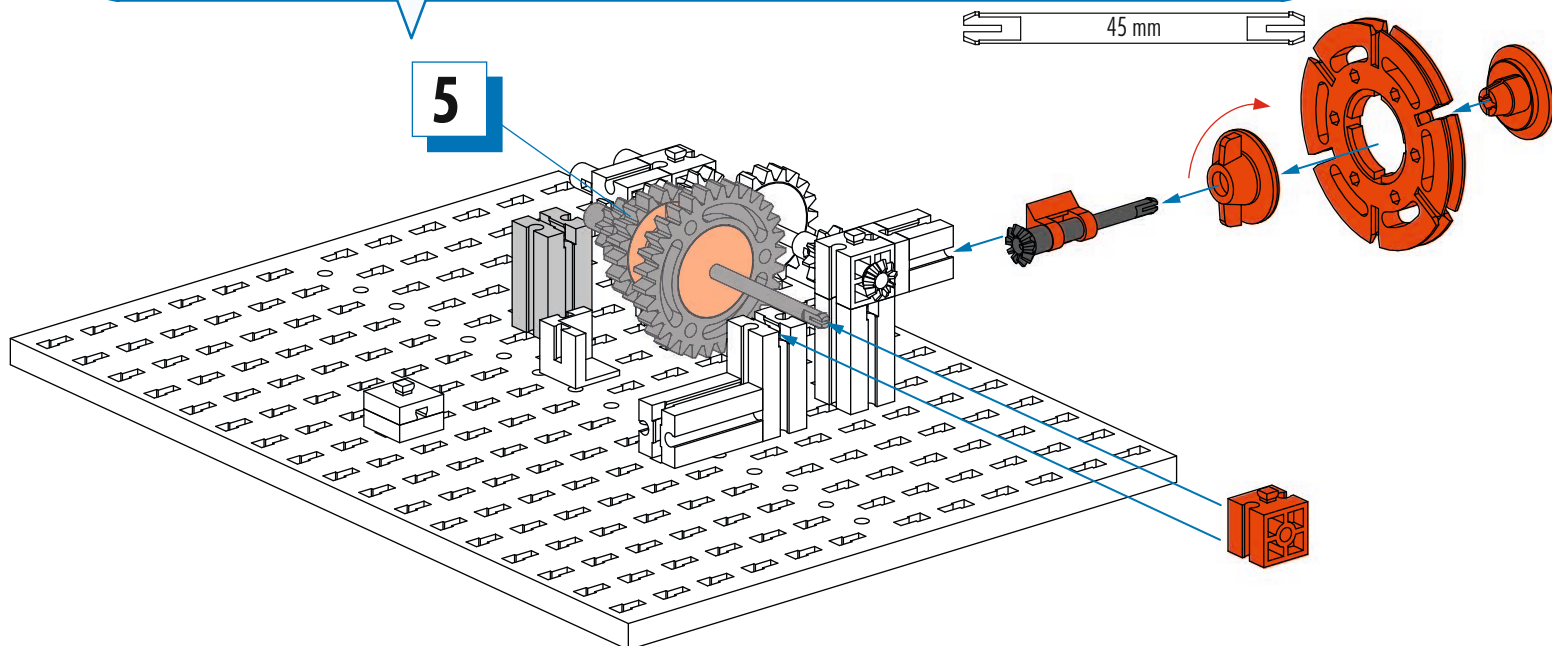
1x



1x

45 mm

5



7



1x



1x



1x



1x



1x



1x



1x

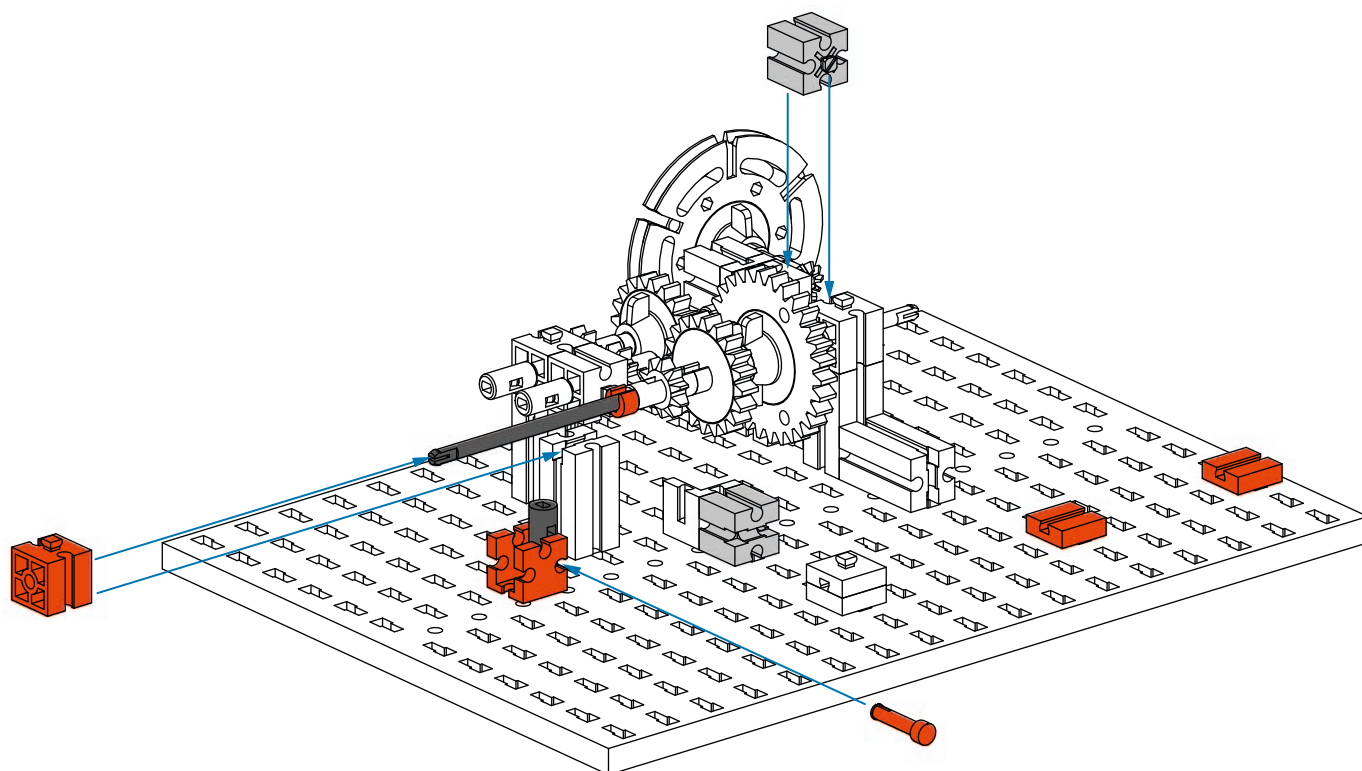


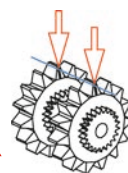
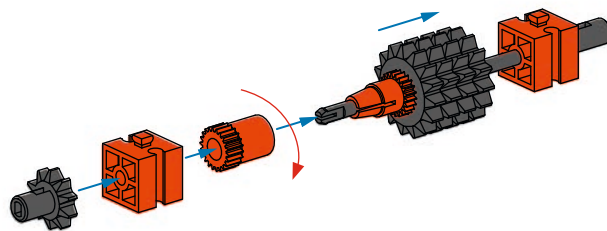
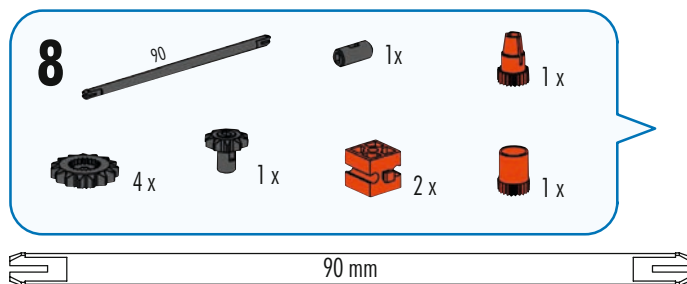
1x



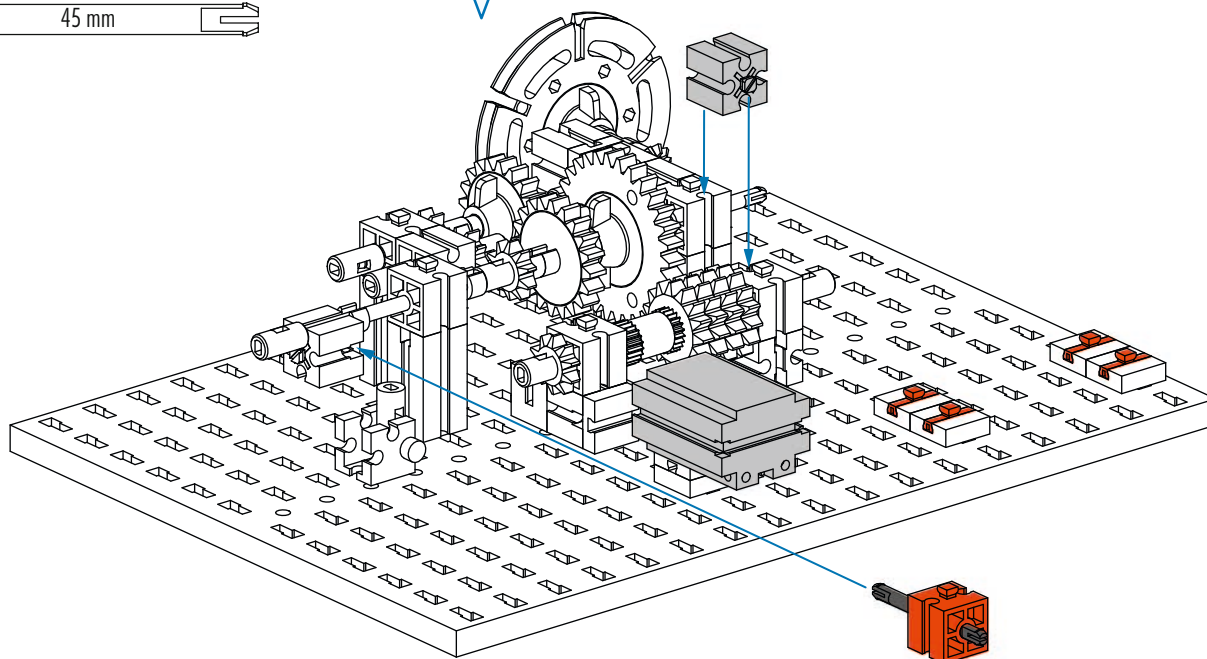
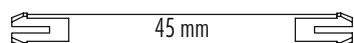
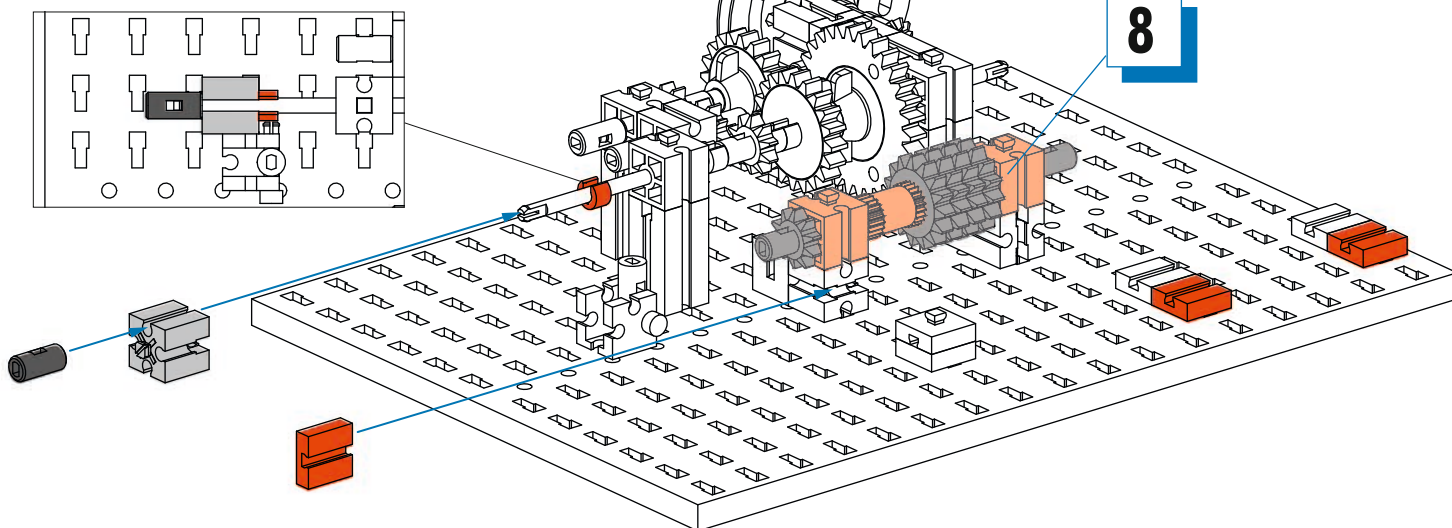
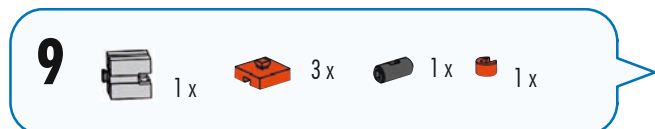
2x

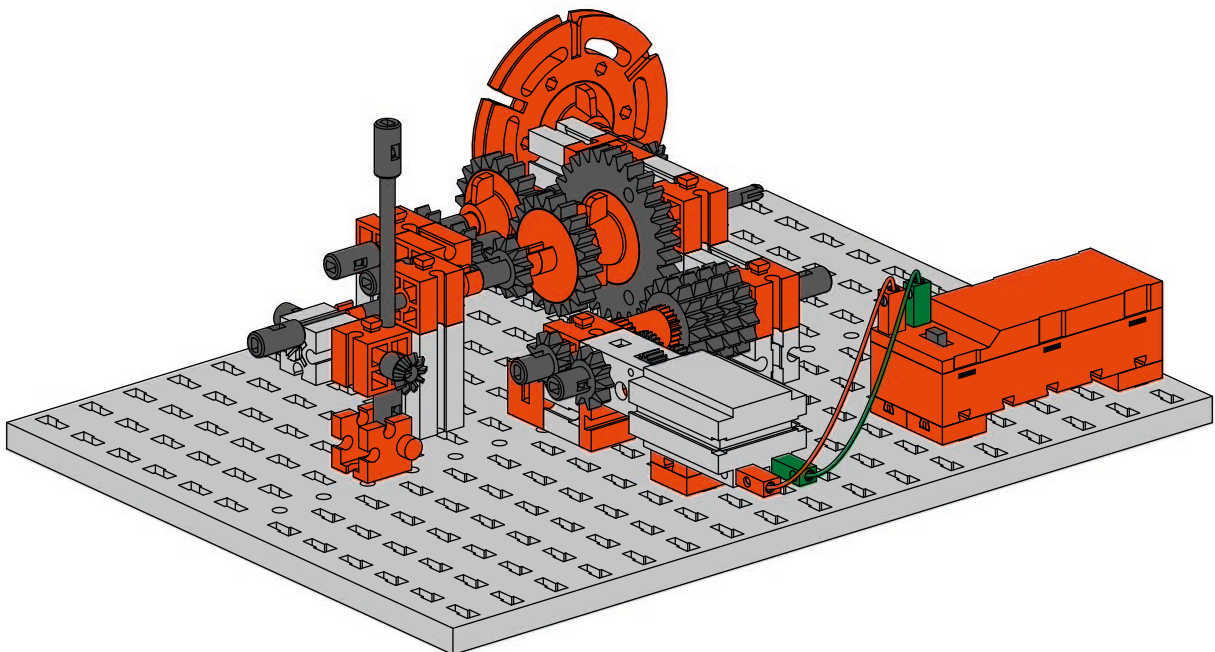
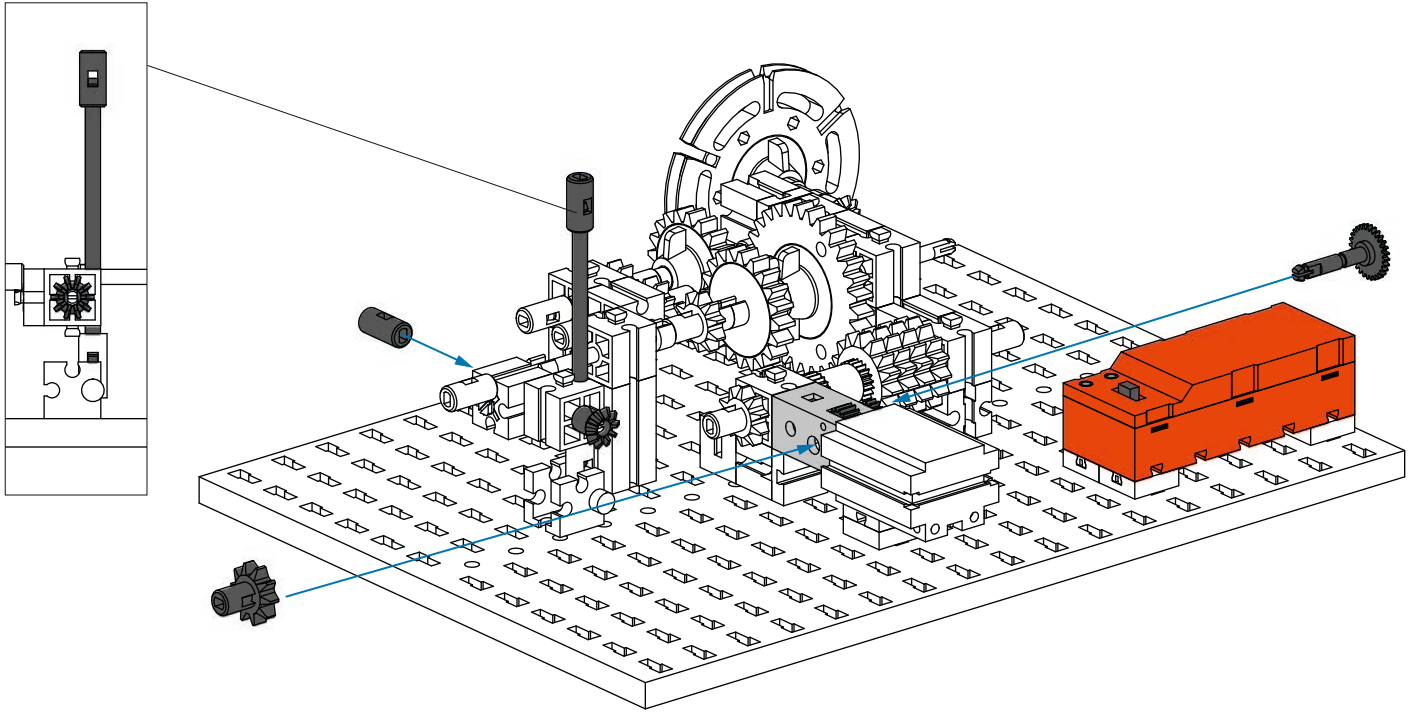
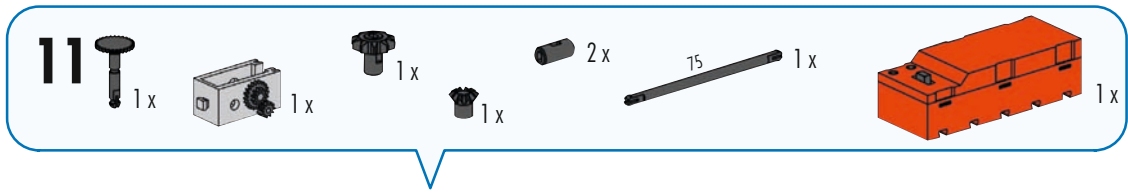
75 mm

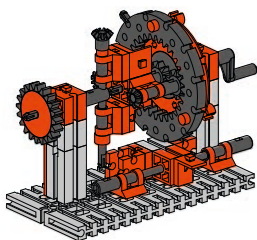




Markierung beachten!
 Note marking!
 Tenir compte des repères!
 Let op de marking!
 ¡Tener en cuenta el marcaje!
 Observar a marcação!
 Osservare il contrassegno!
 Учитывайте маркировку
 注意标记！





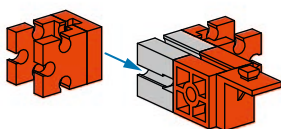
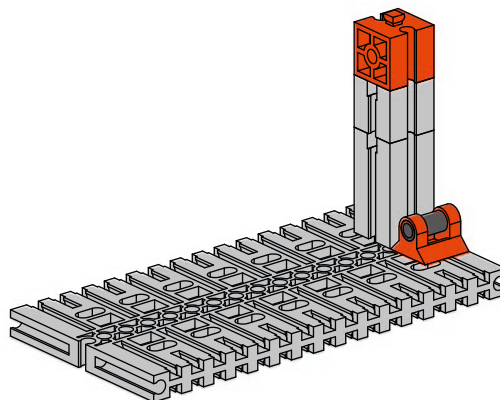
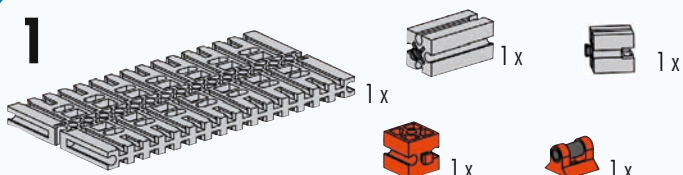


Planetengetriebe
Planetary gear
Engrenage planétaire

Planeetwieloverbrenging
Engranaje planetario
Engrenagem planetária

Rotismo epicicloidale
Планетарный редуктор
行星齿轮机构

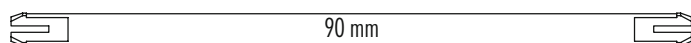
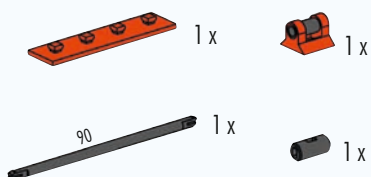
1



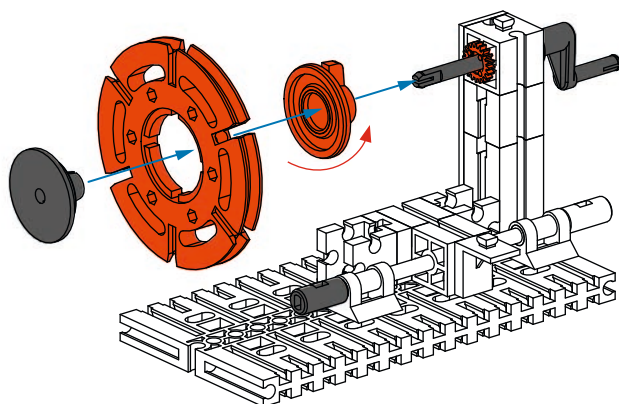
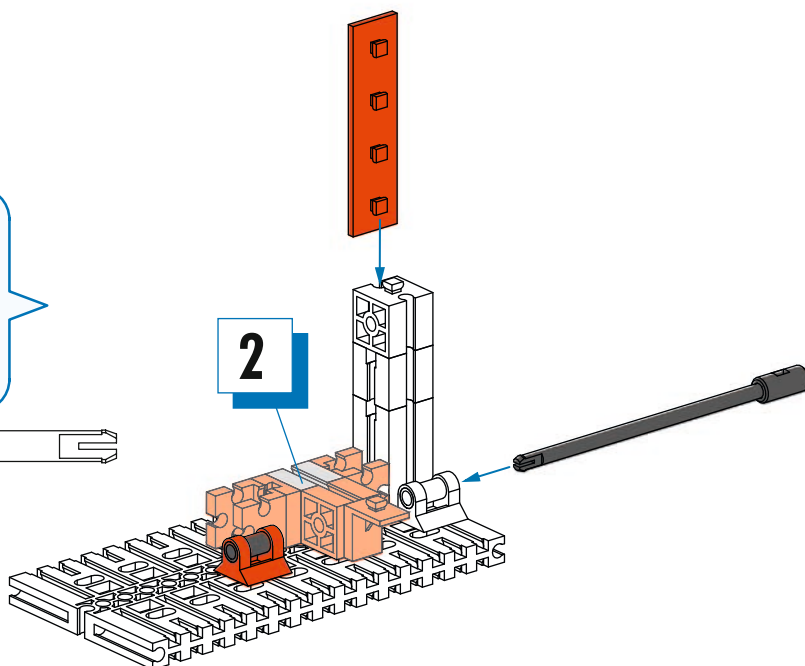
2



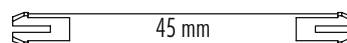
3

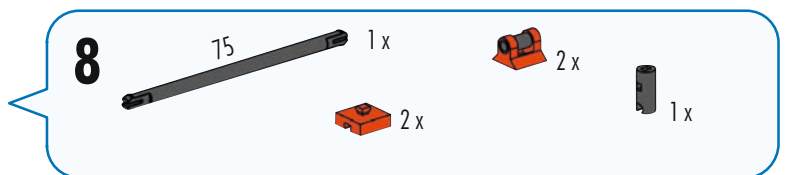
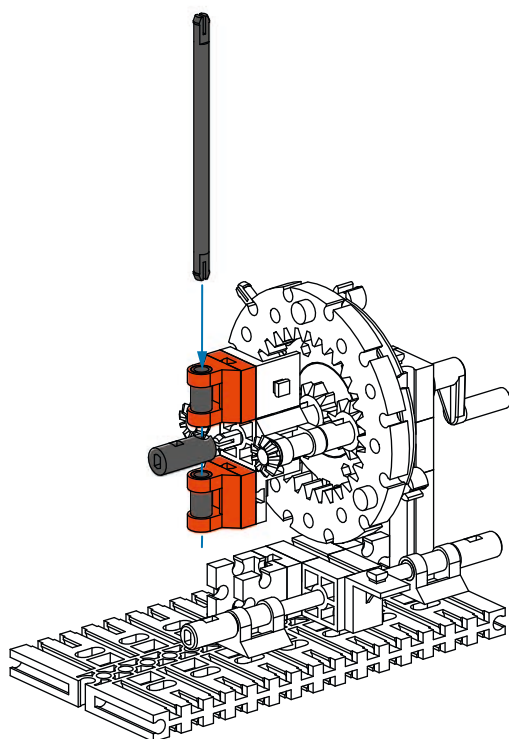
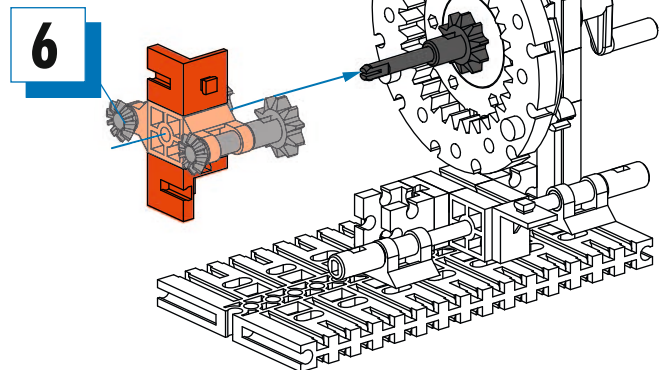
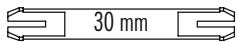
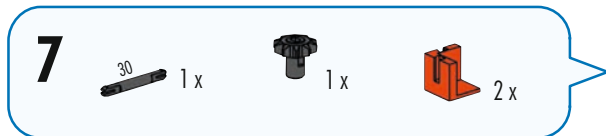
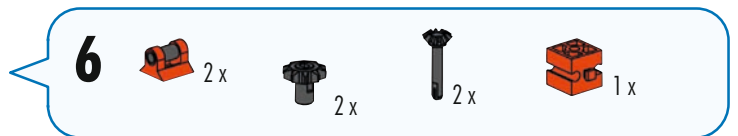
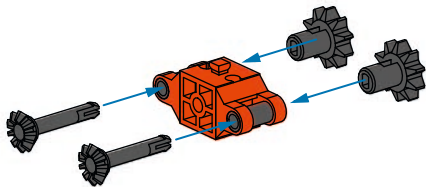
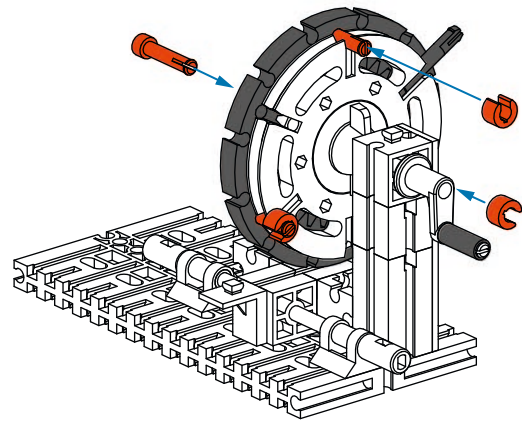
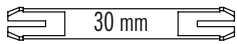
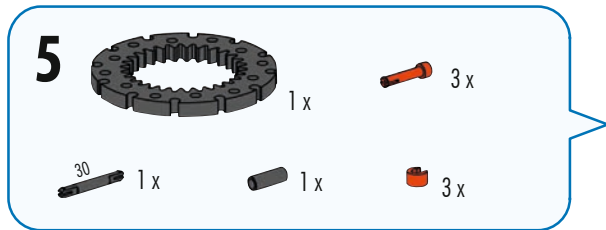


2



4

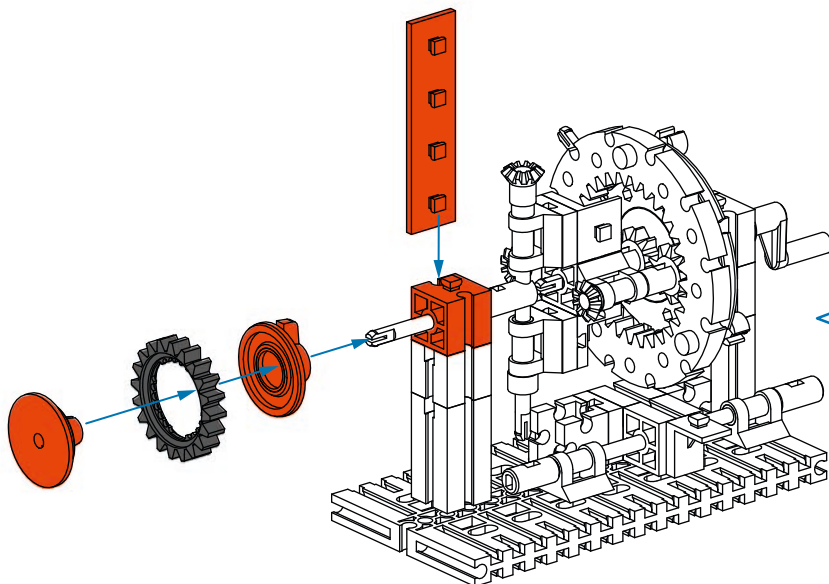
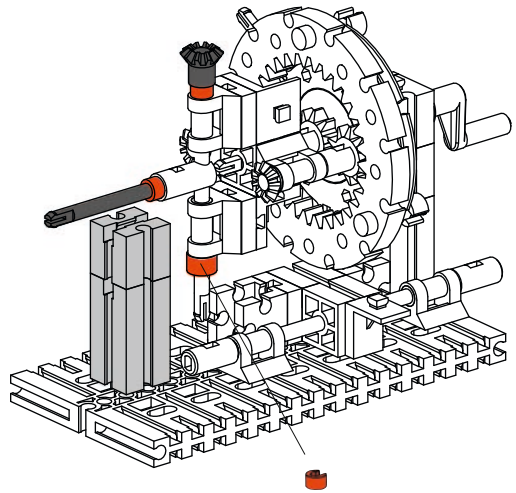
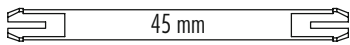




9

 1x
  1x
  1x

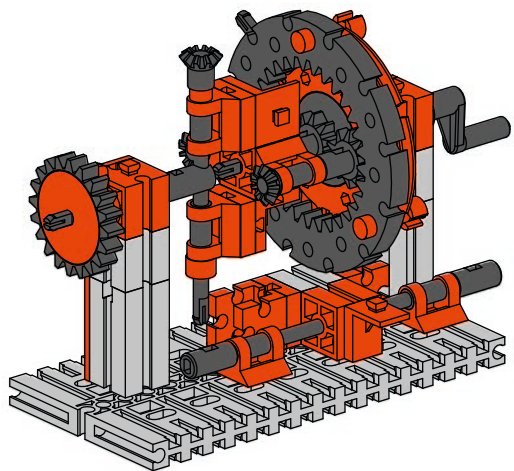
 1x
  1x
  2x

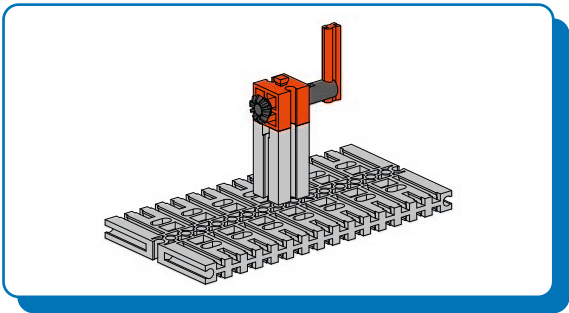


10

 1x
  1x
  1x

 1x
  1x

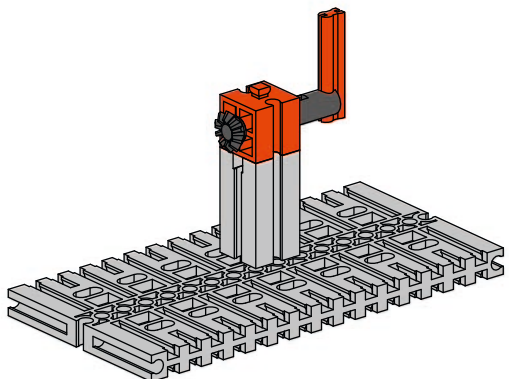
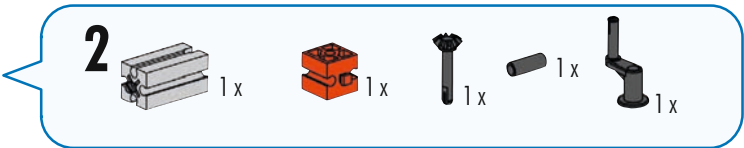
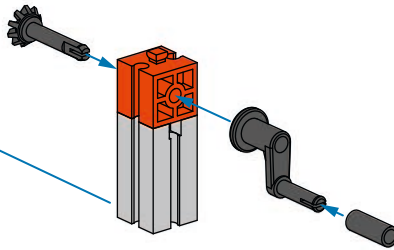
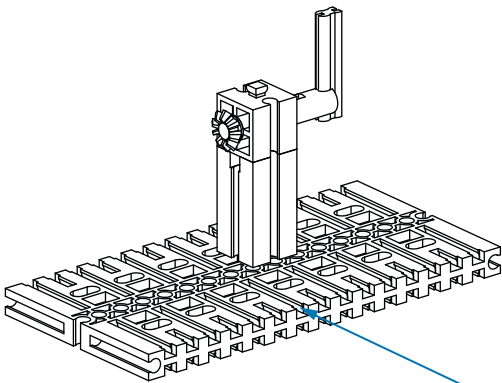
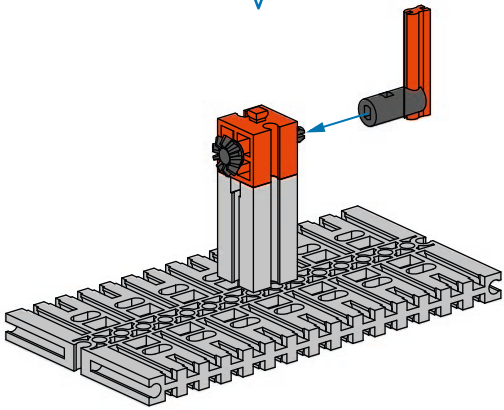
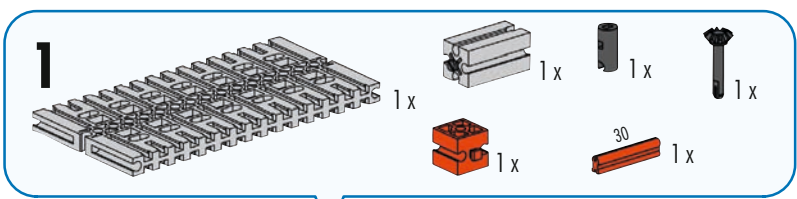


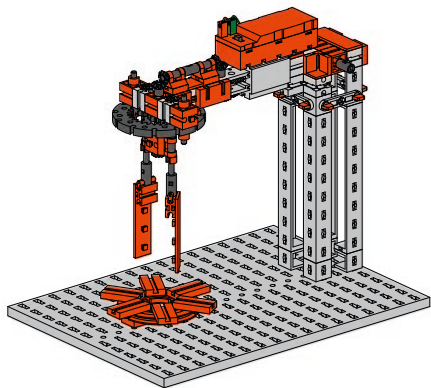


Engrenage à pignon conique

Engrenagem cônica

锥齿轮传动机构



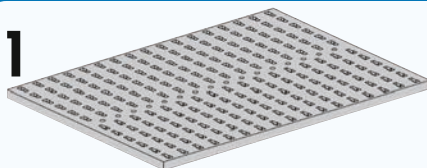


Küchenmaschine
Kitchen appliance
Robot ménager

Keukenmachine
Máquina de cocina
Máquinas de cozinha

Robot da cucina
Кухонный комбайн
电动厨具

1



1 x



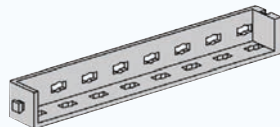
1 x



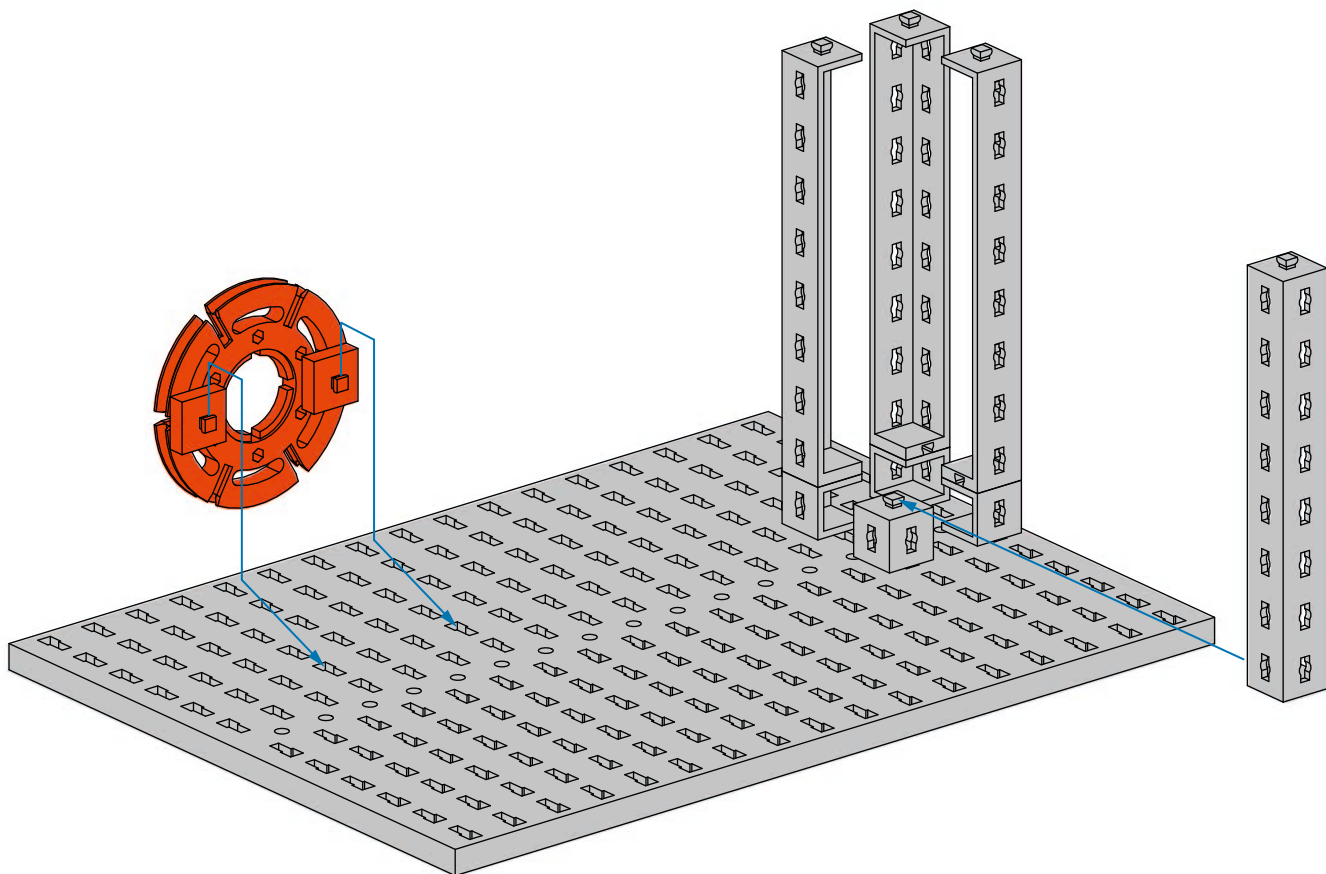
2 x



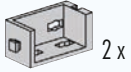
4 x



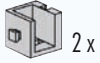
4 x



2



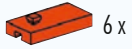
2 x



2 x



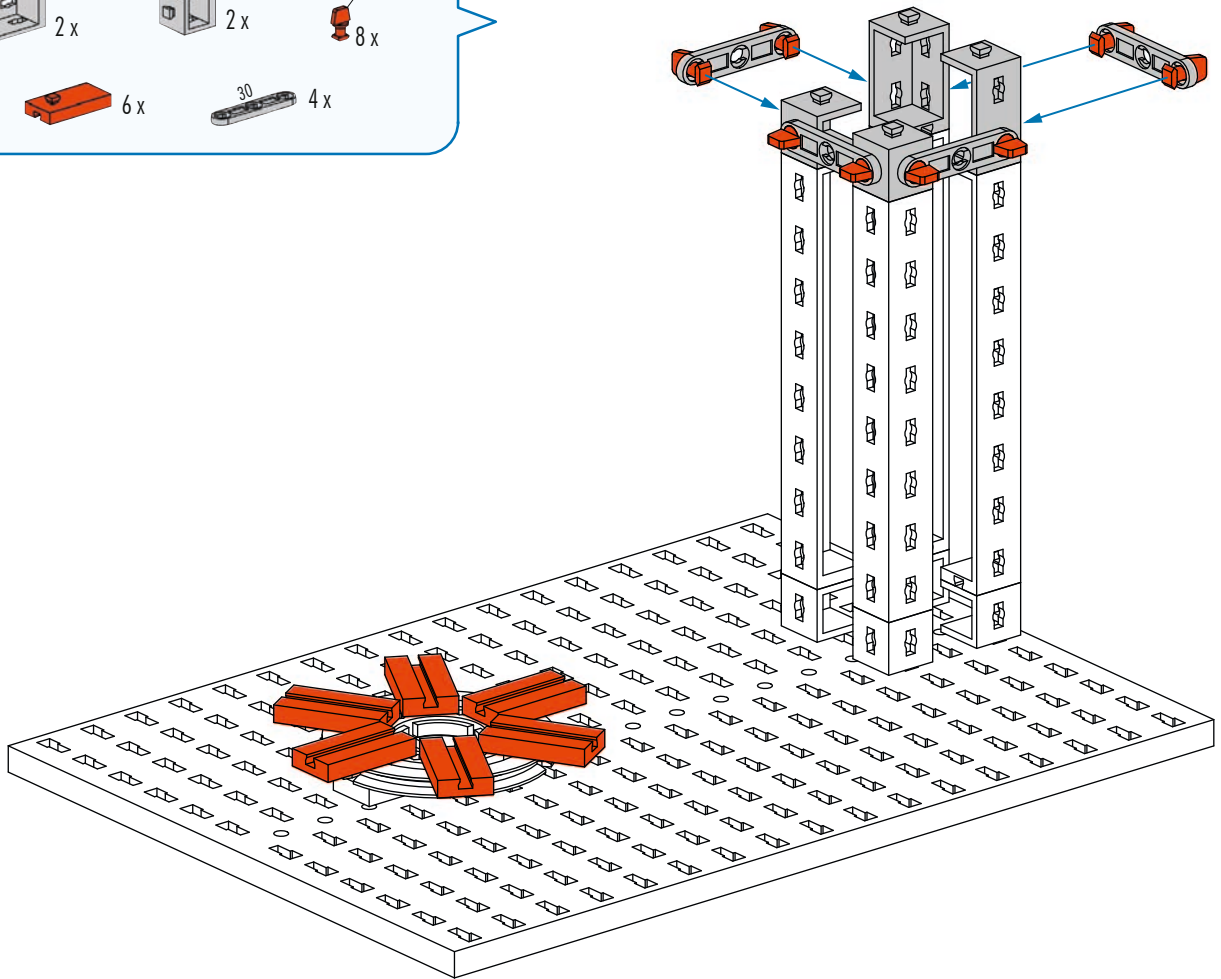
8 x



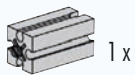
6 x



4 x



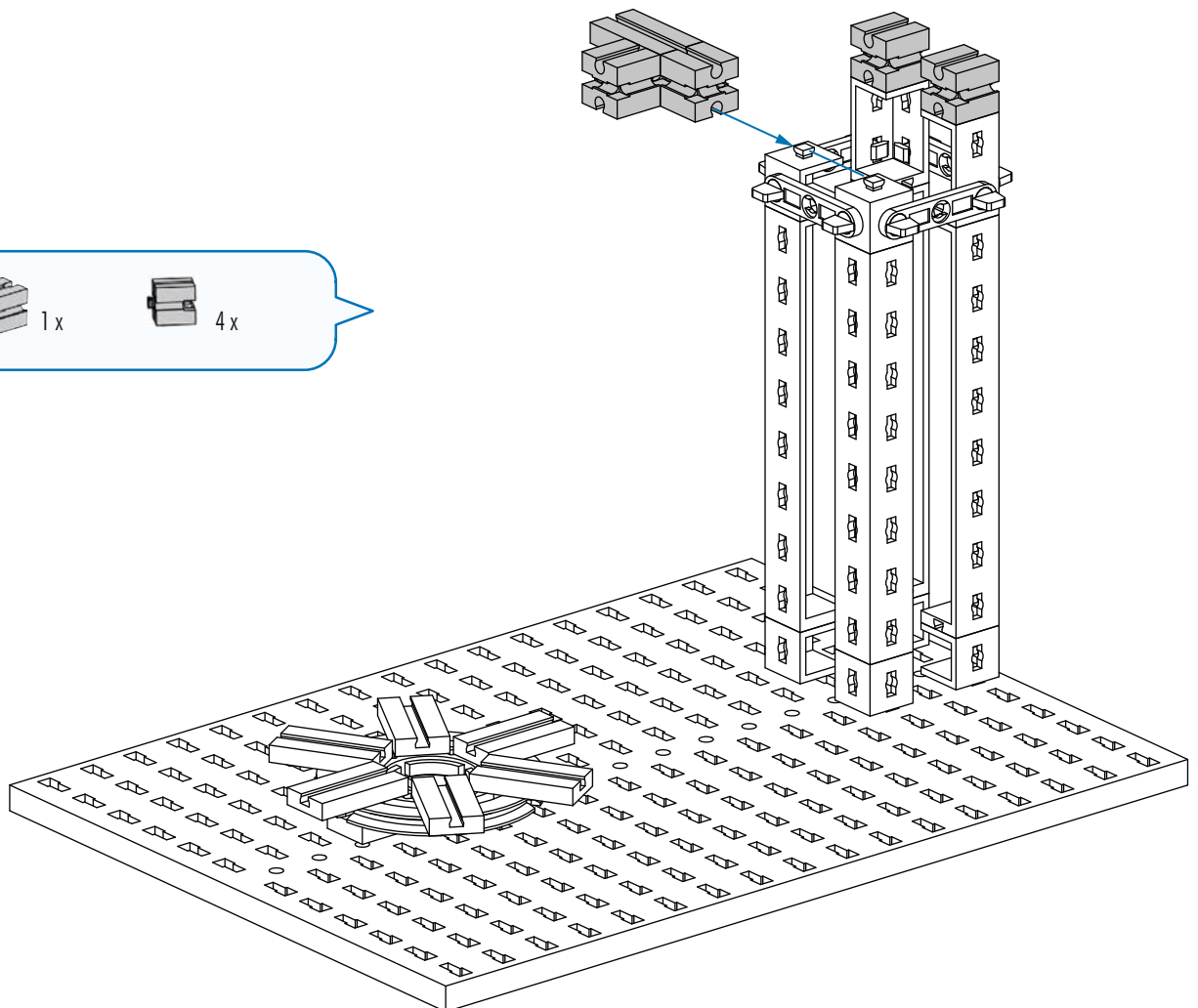
3

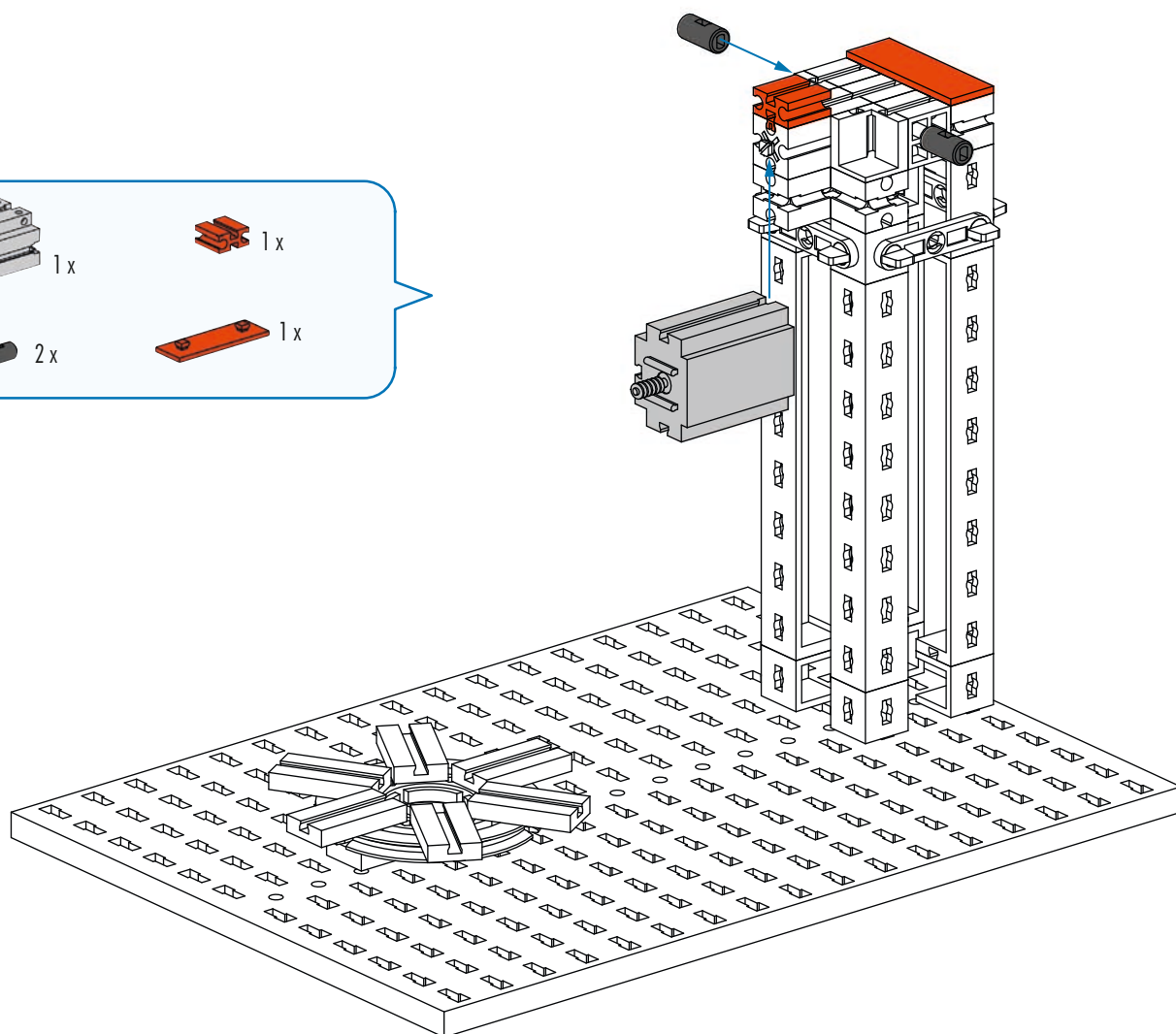
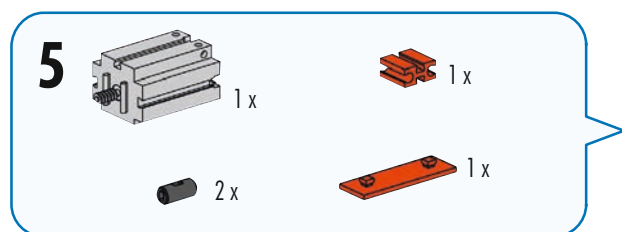
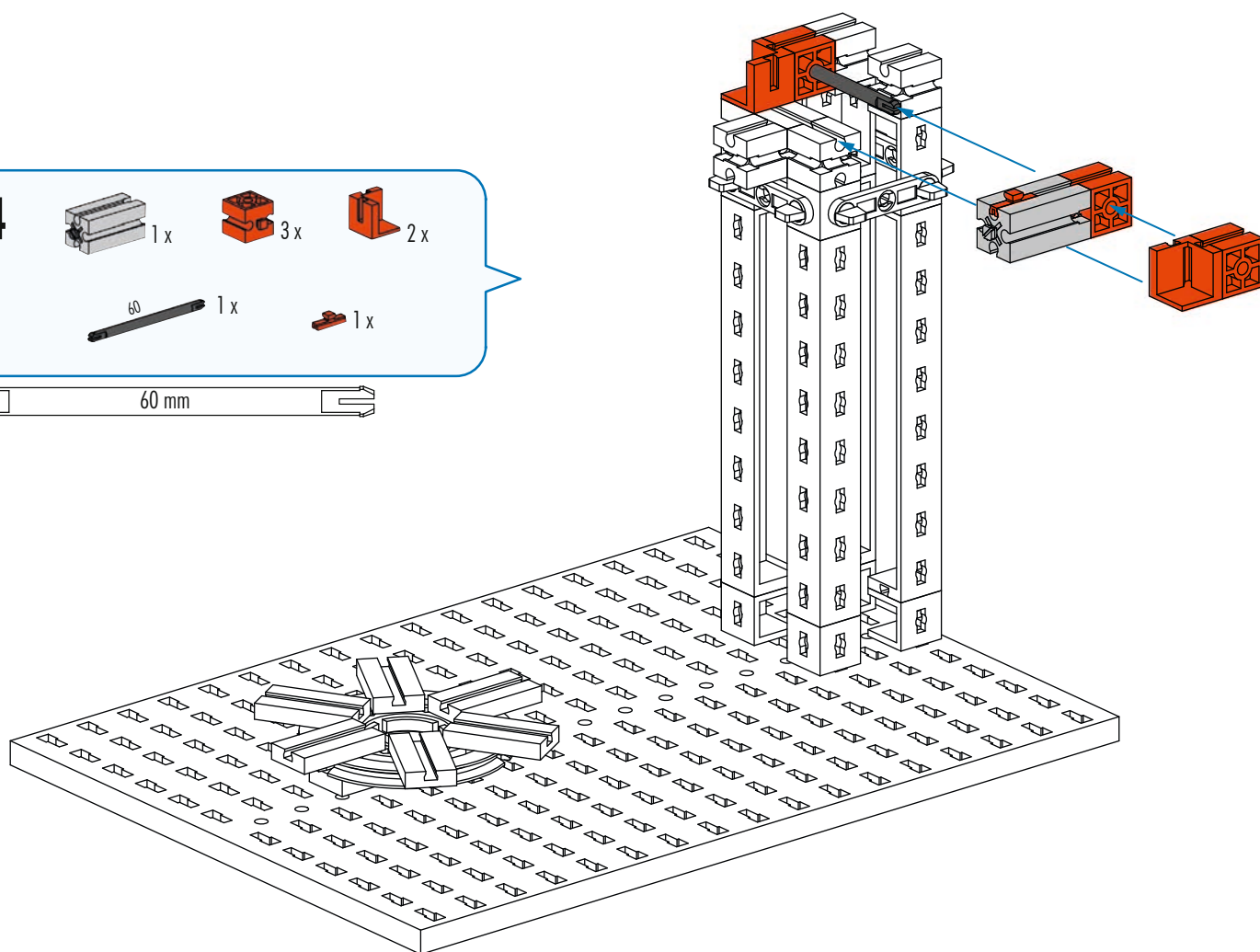
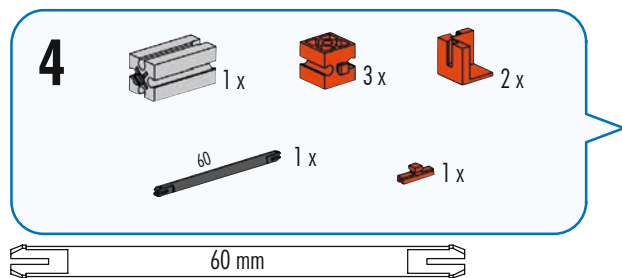


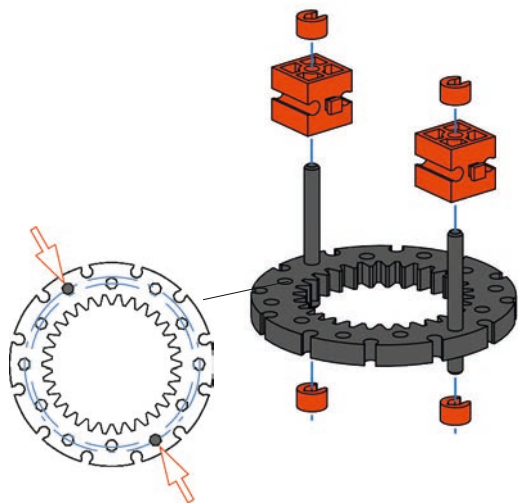
1 x



4 x







6

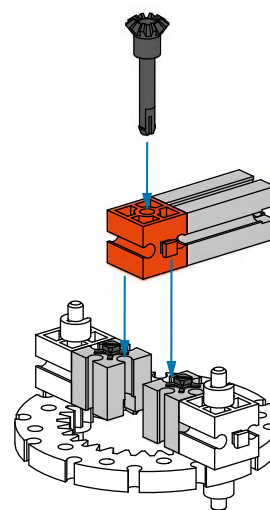
40 2 x

1 x

4 x

2 x

40 mm



7

1 x

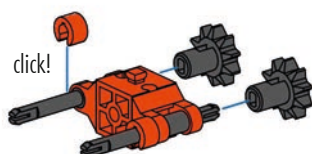
2 x

1 x

1 x

30 1 x

30 mm



8

45 2 x

1 x

2 x

2 x

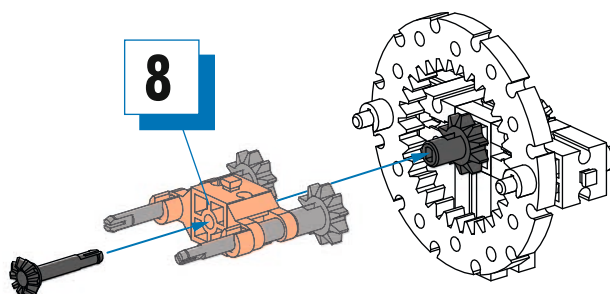
2 x

45 mm

9

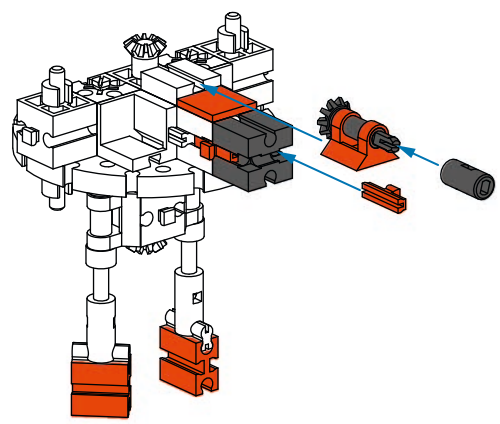
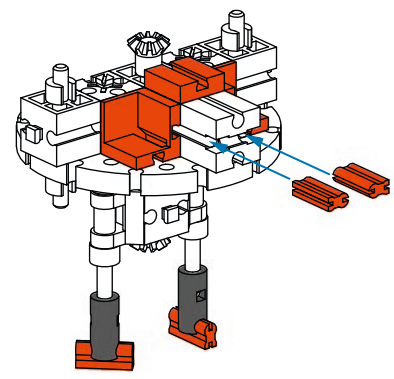
1 x

1 x



10

 2x
  4x
  1x
  2x



11

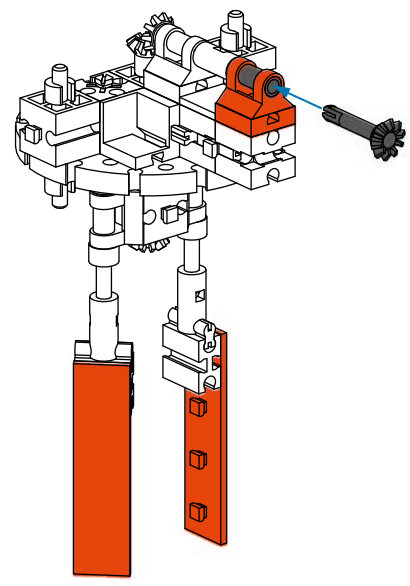
 1x
  1x
  1x
  1x

 2x
  1x
  2x
  1x

12

 1x
  1x
  1x

 2x
  1x



13



1x



1x



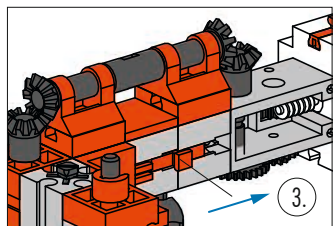
1x



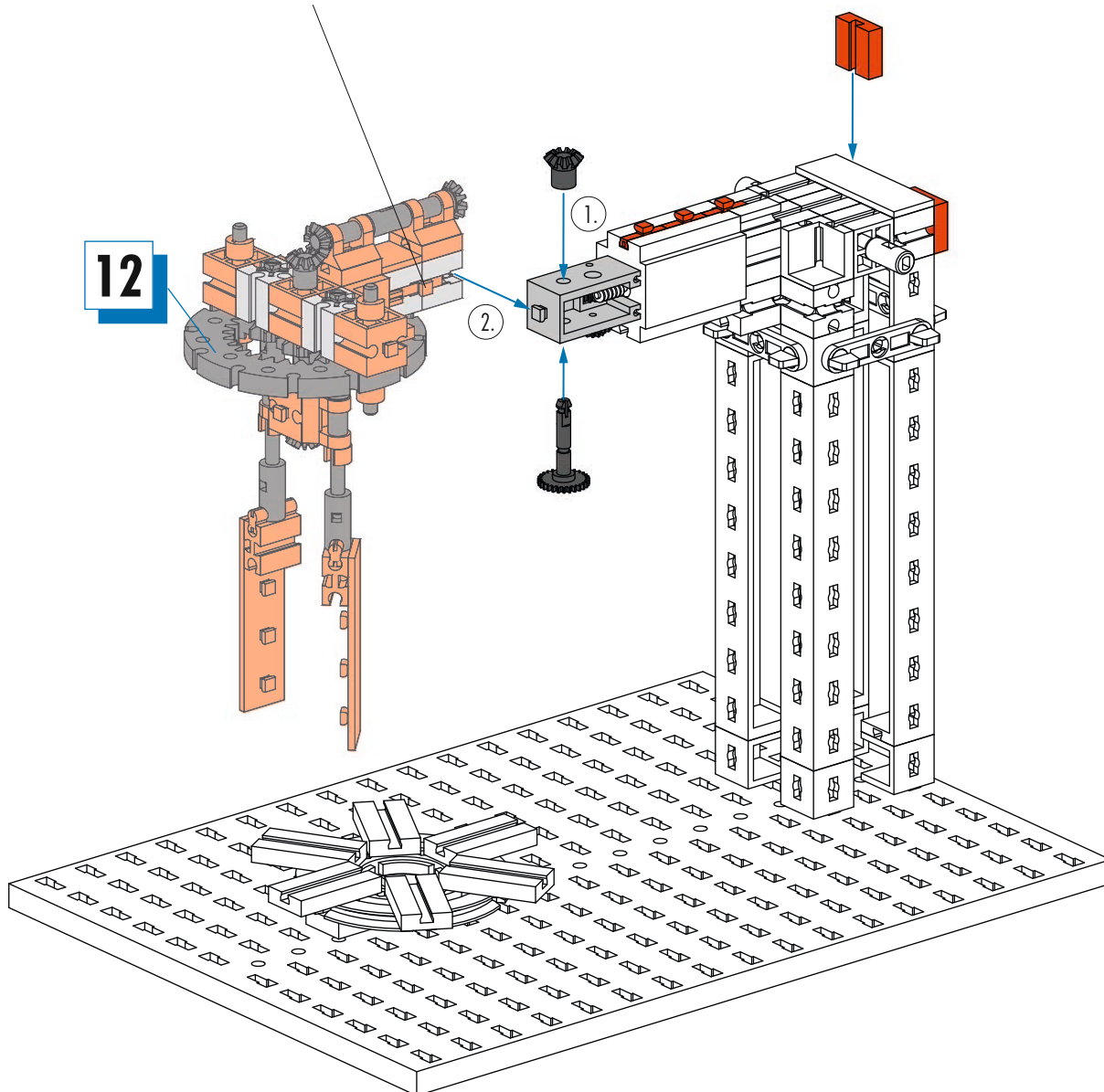
2x



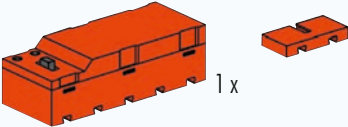
1x



12

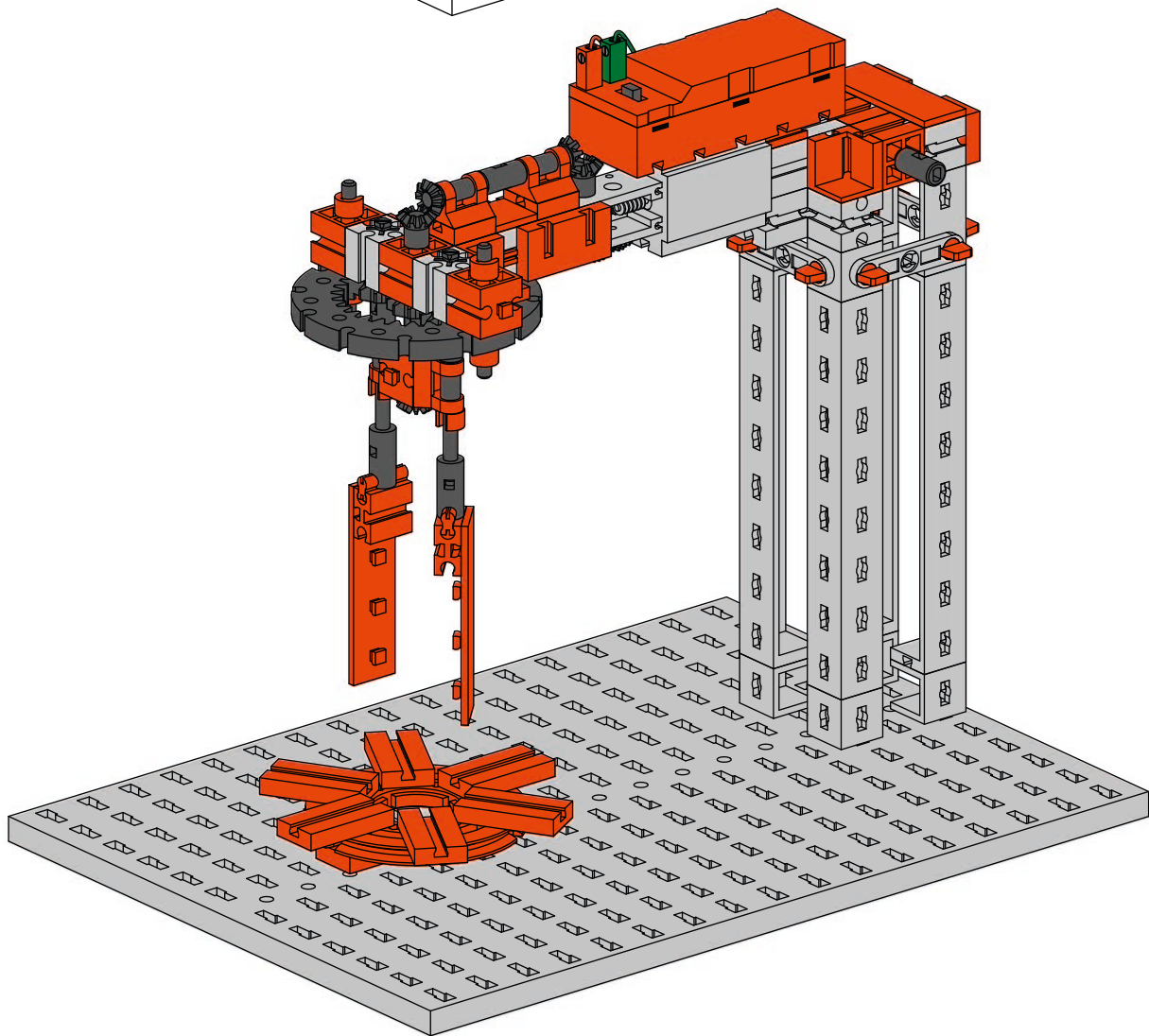
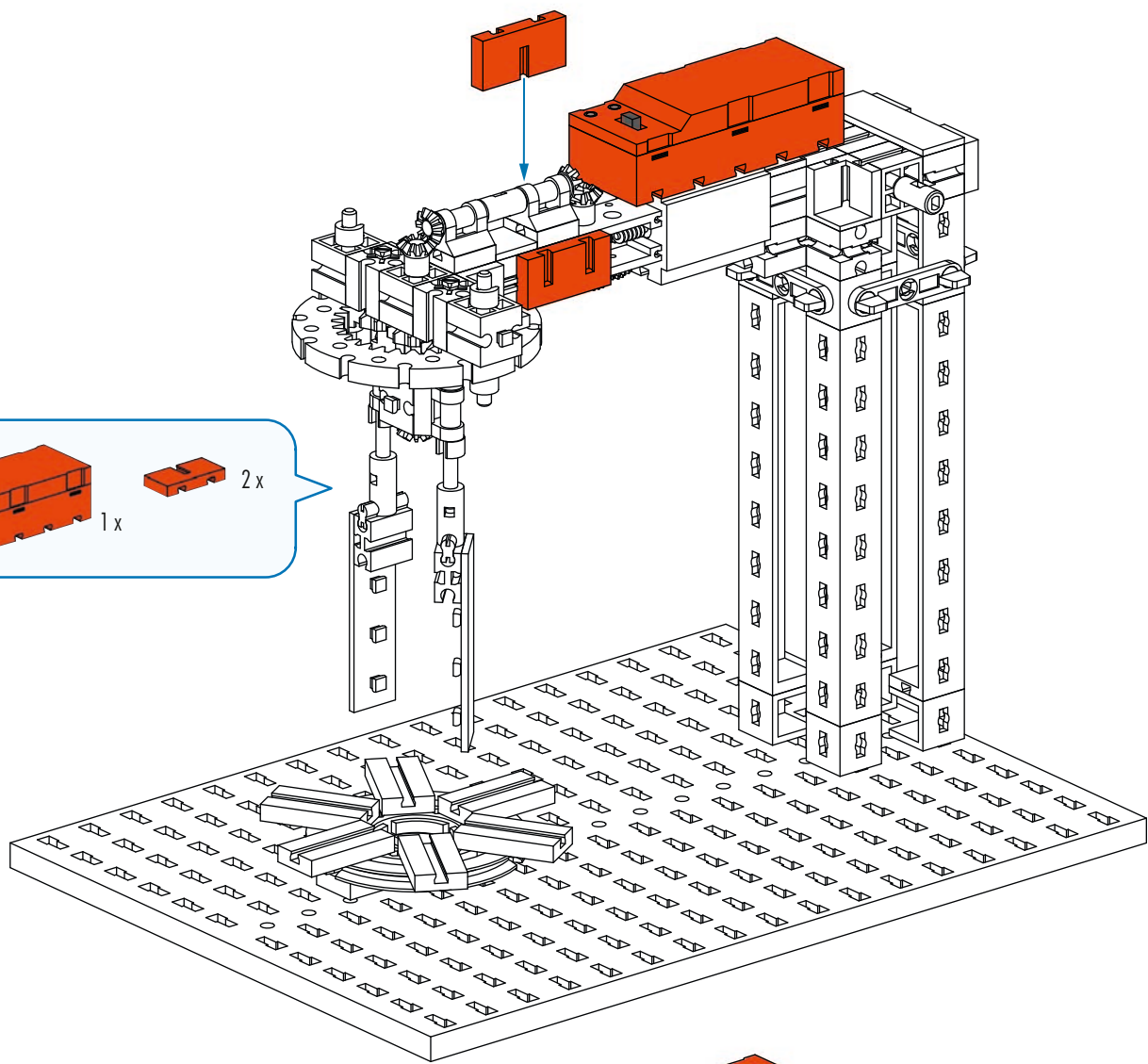


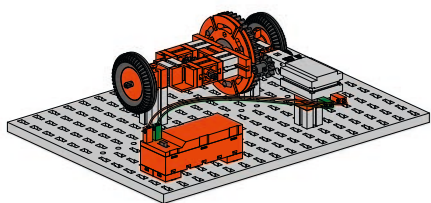
14



1 x

2 x



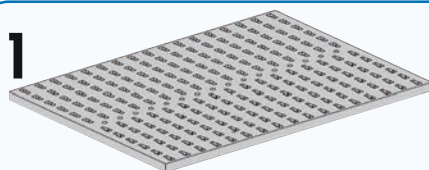


Differentialgetriebe
Differential gear
Engrenage différentiel

Differentieel
Engranaje diferencial
Transmissão diferencial

Differenziale
Дифференциал
差速机构

1



1 x



1 x



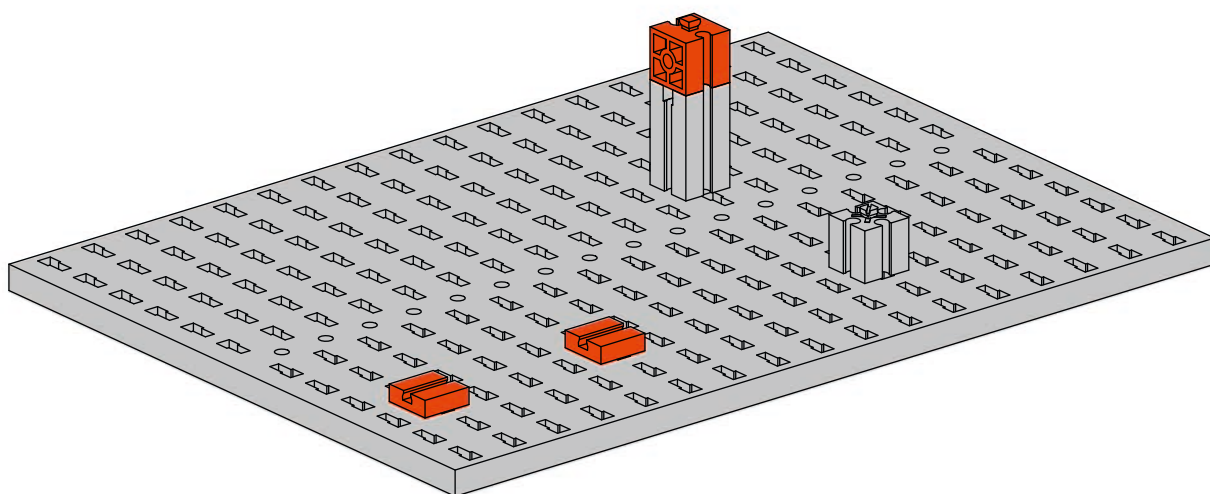
1 x



2 x



1 x



2



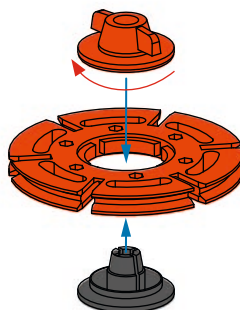
1 x

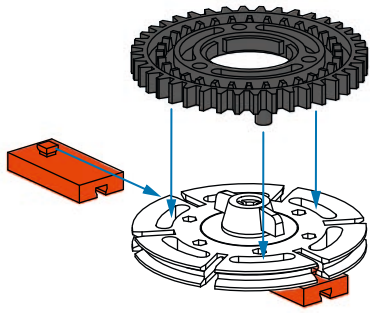


1 x



1 x





3



1 x



2 x

4



1 x



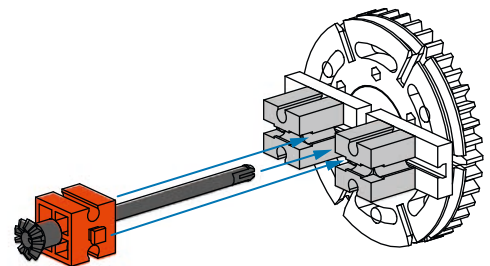
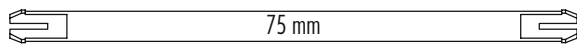
2 x



1 x



1 x



5



1 x



1 x



6 x

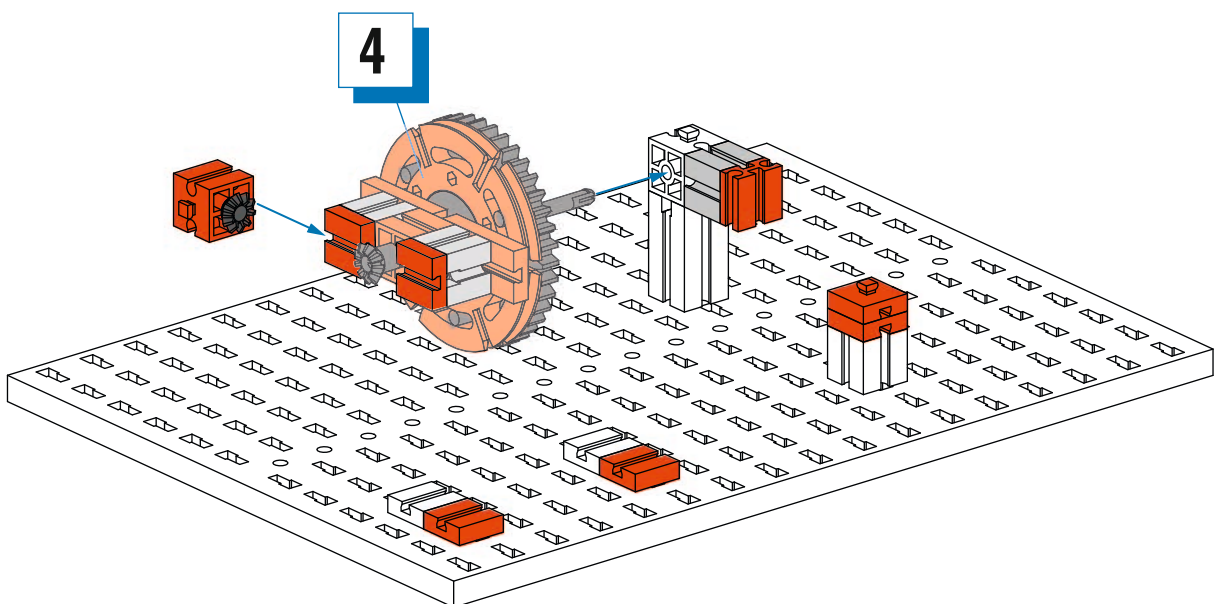


1 x



1 x

4



8



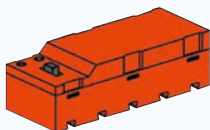
1x



1x



1x



1x



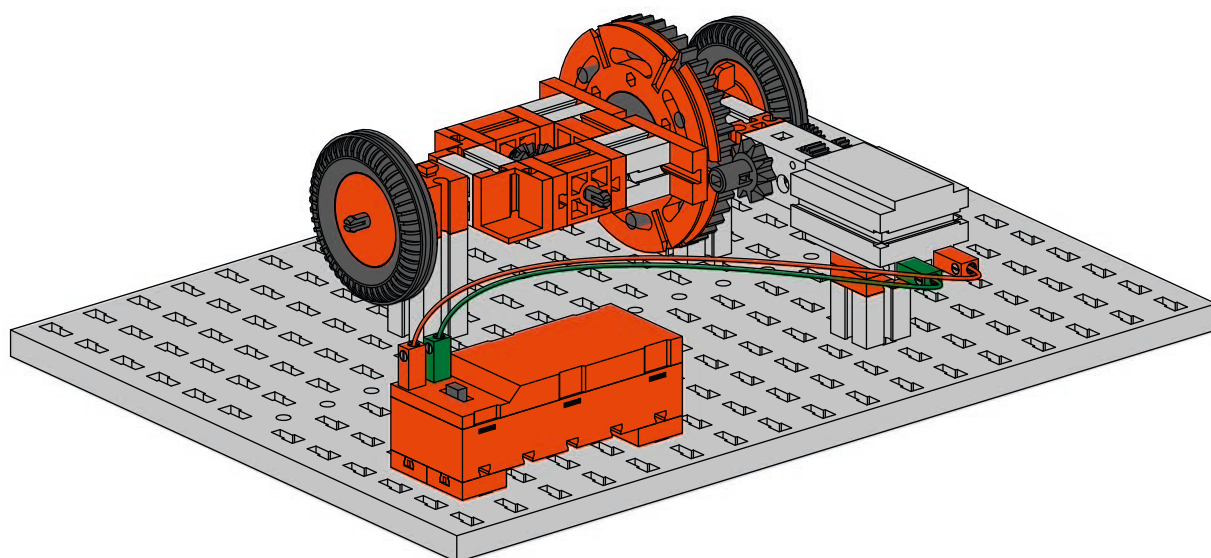
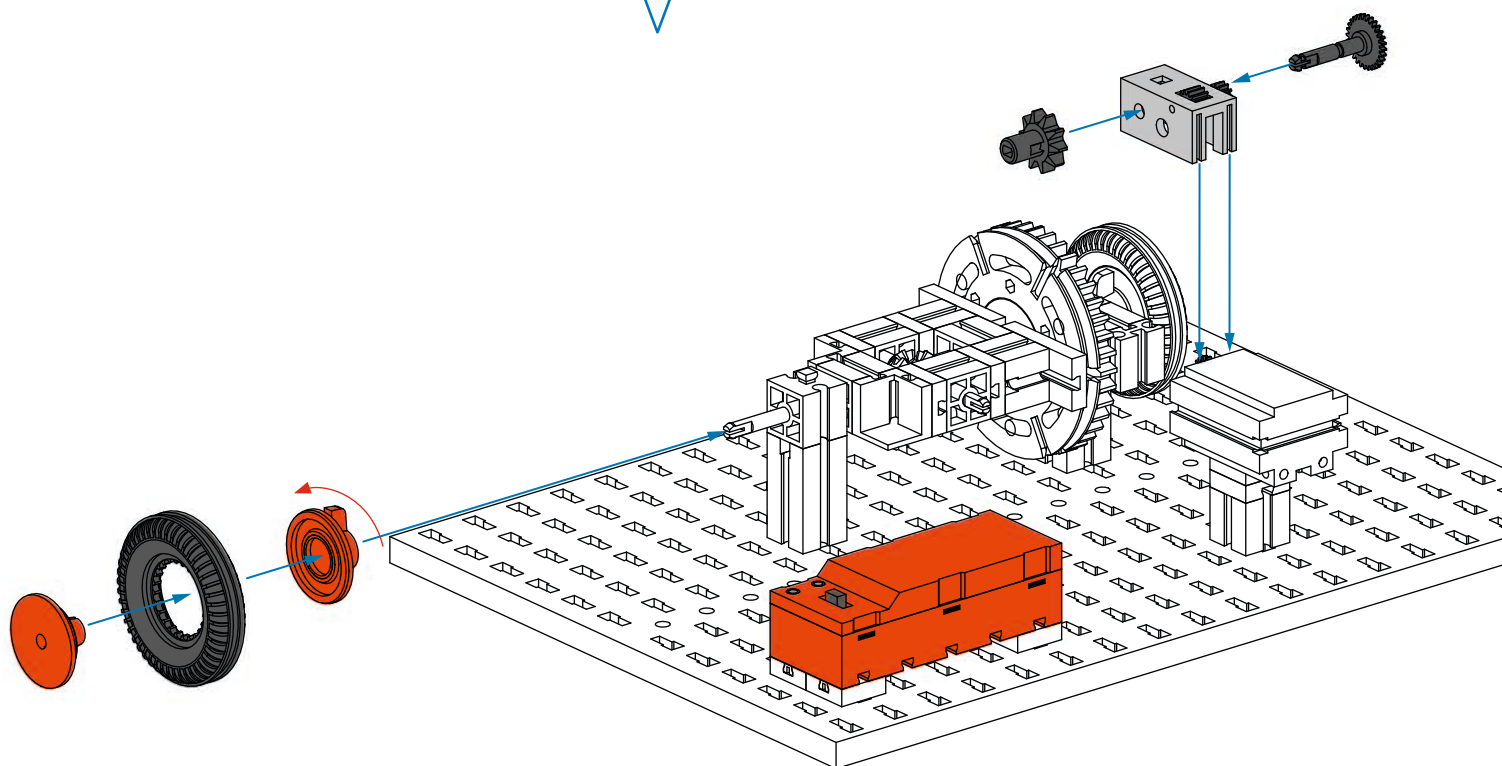
1x

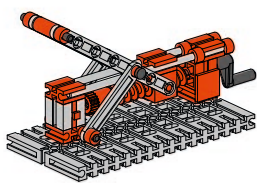


1x



1x



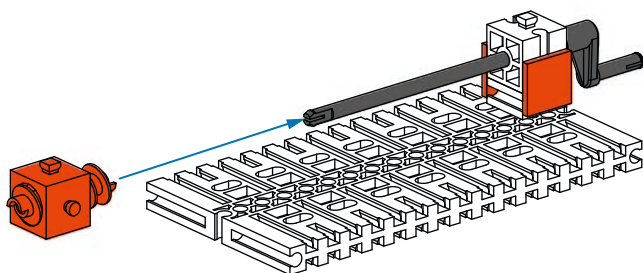
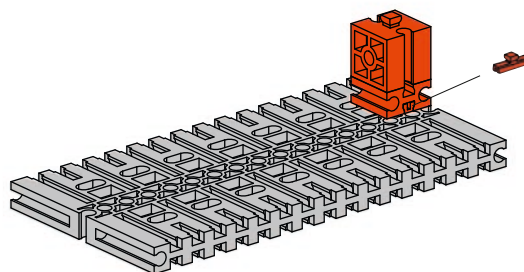
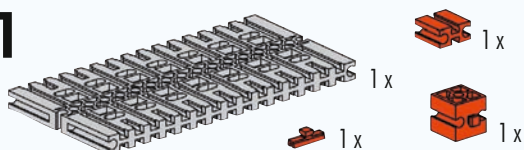


Wagenheber
Car Jack
Cric

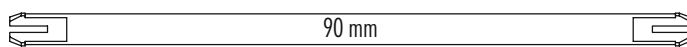
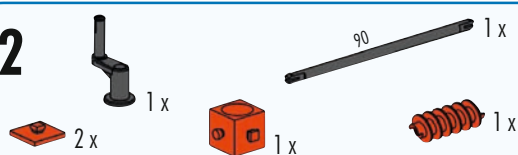
Wagenkrik
Gato
Macaco

Cric
Джек
杰克

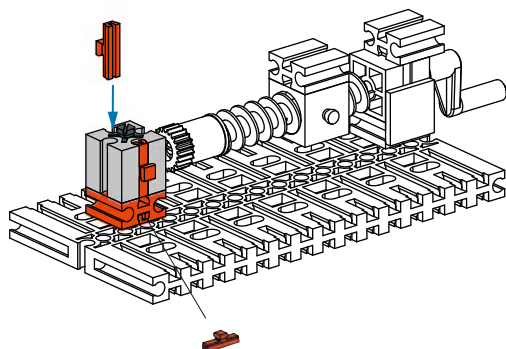
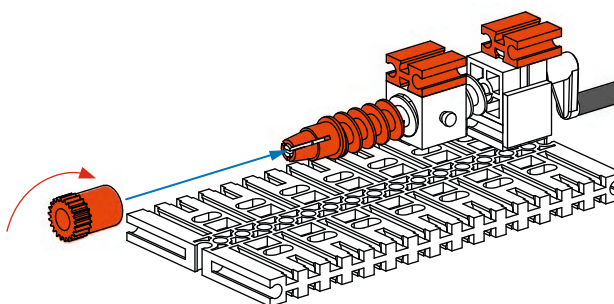
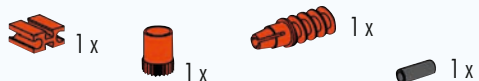
1



2



3

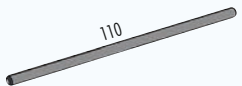


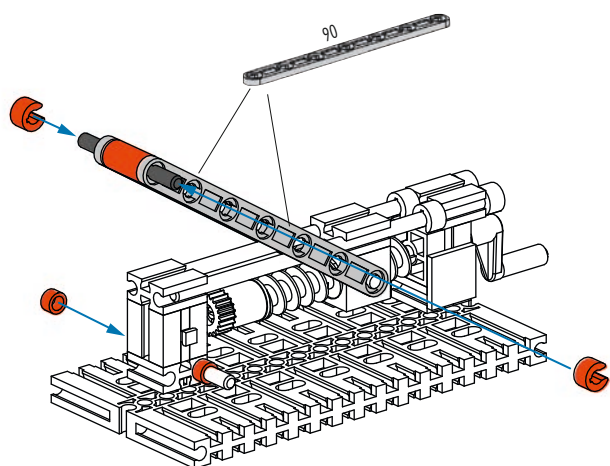
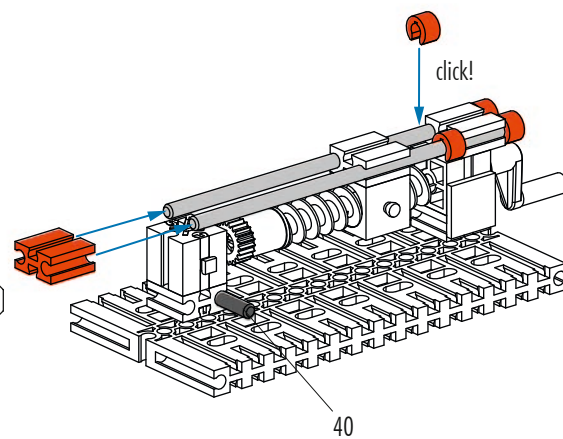
4



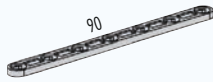
5

1 x  4 x 

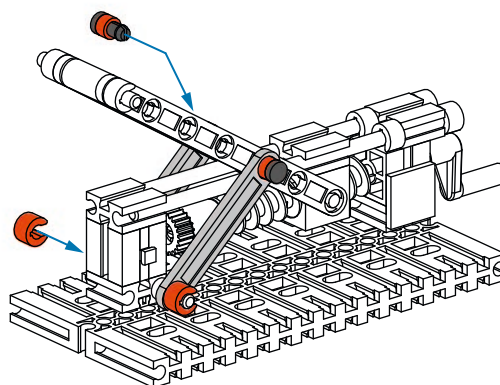
2 x  1 x 



6

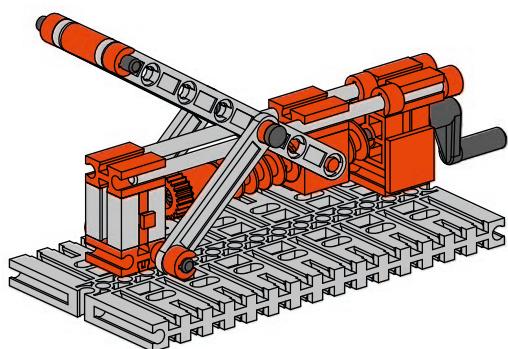
2 x  2 x  1 x  2 x  1 x 

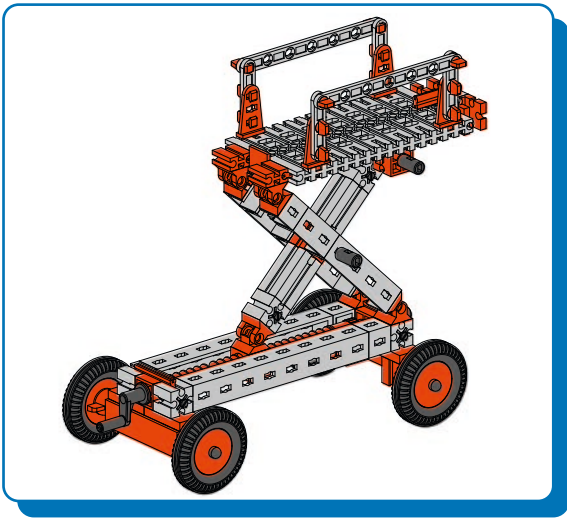
40 mm



7

2 x  2 x  2 x  2 x 

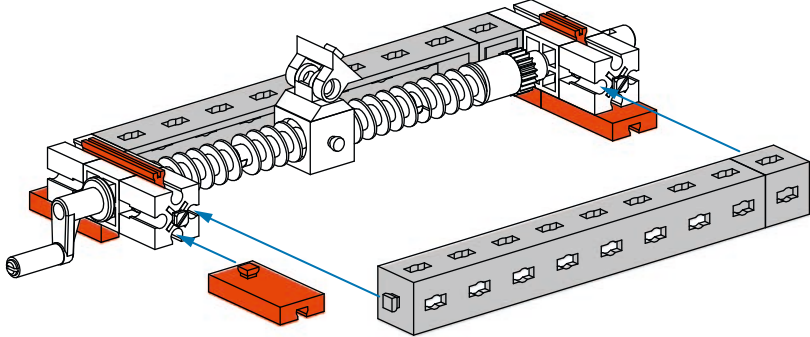
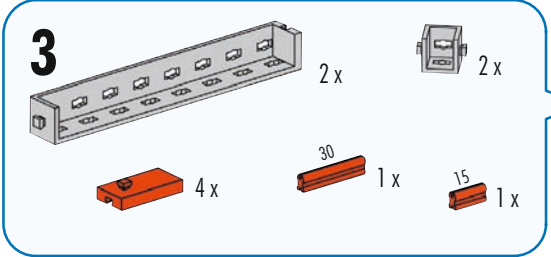
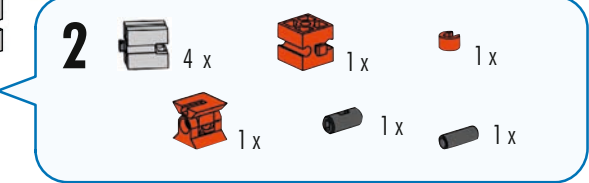
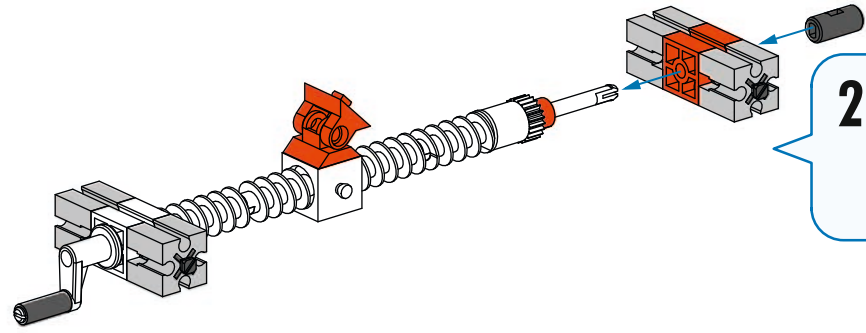
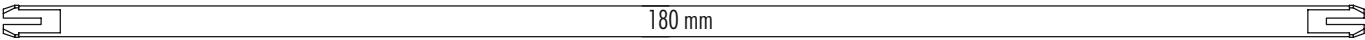
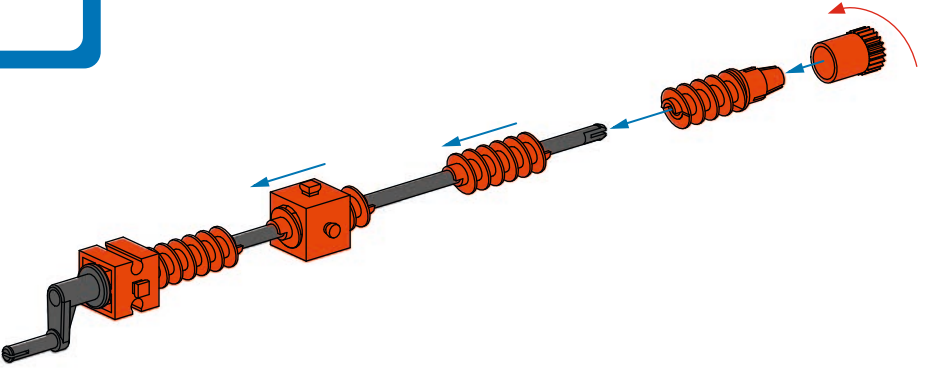
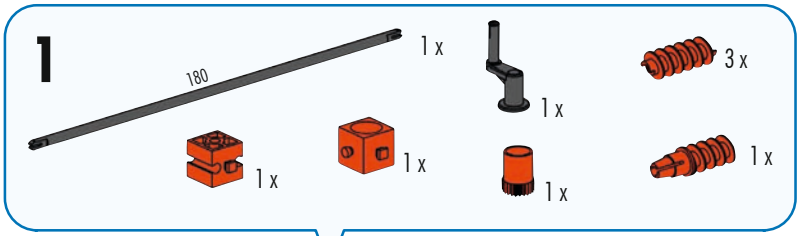




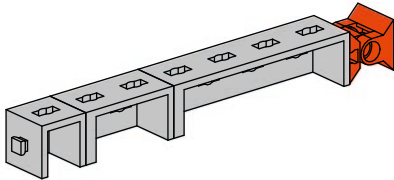
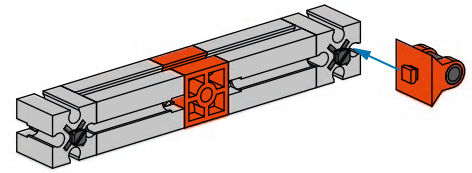
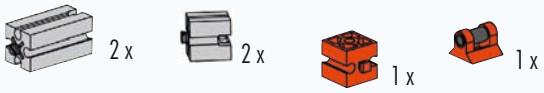
Scherenhubtisch
Scissor elevating platform
Plate-forme mobile à ciseaux
Schaarheftafel

Mesa elevadora de pantó-
grafo
Plataforma com mecanismo
de pantógrafo

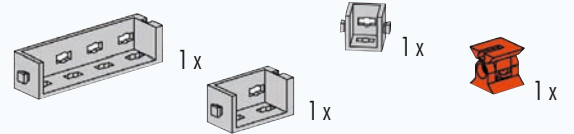
Piattaforma a pantografo
стол с ножничным
подъёмом
剪叉式升降台



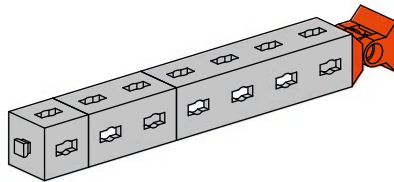
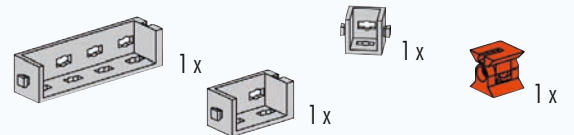
4



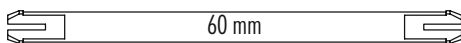
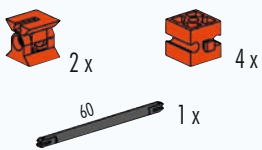
5



6



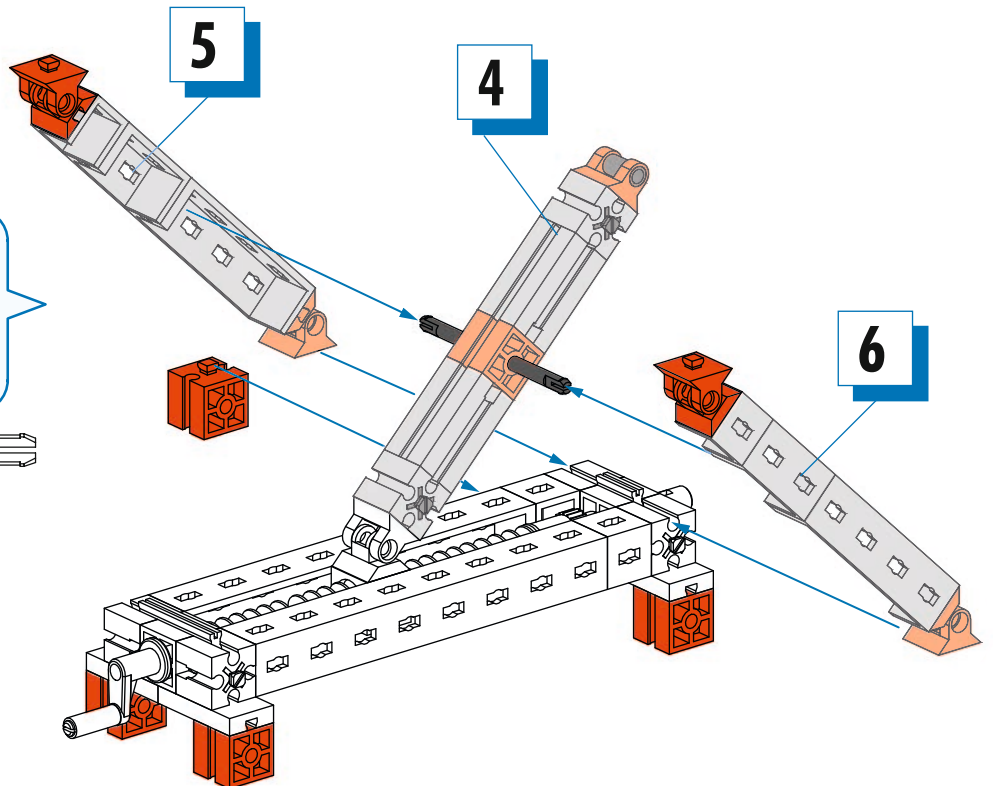
7



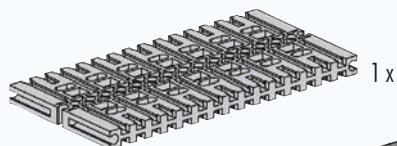
5

4

6



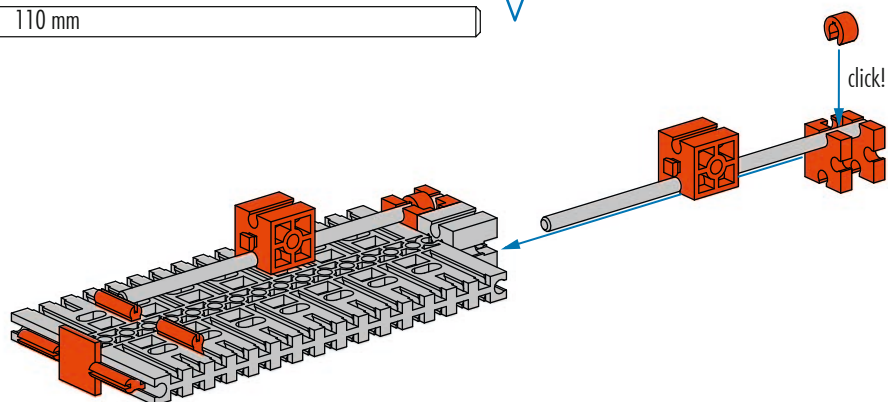
8



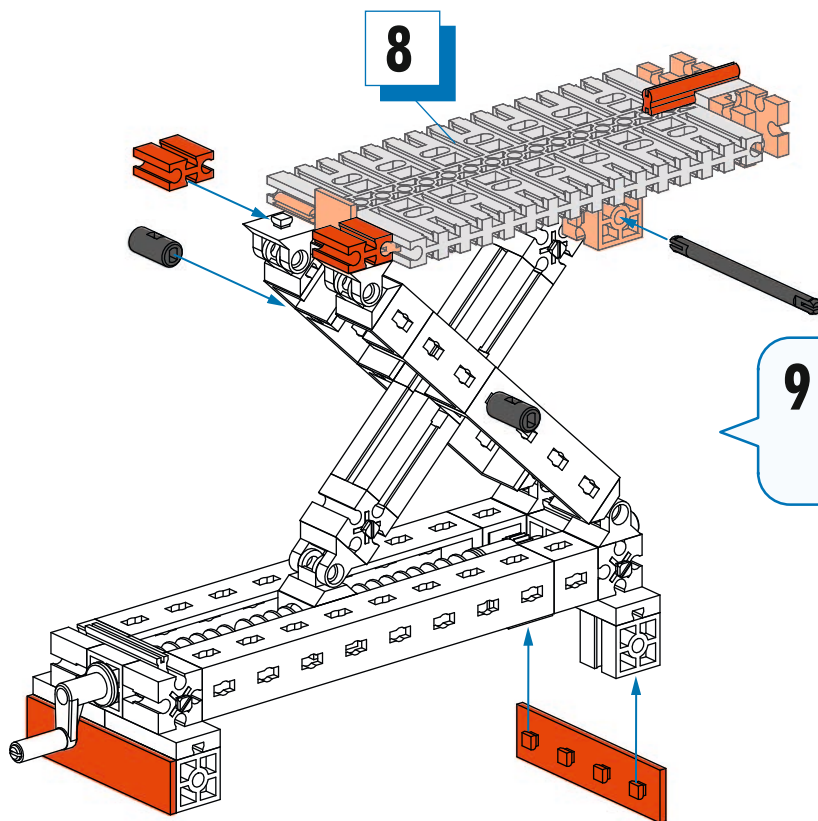
2 x



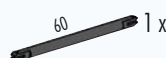
110 mm



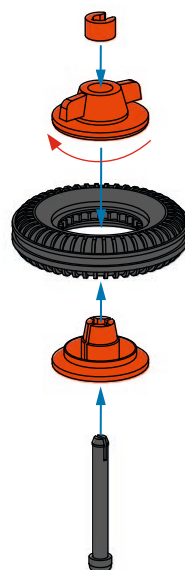
8



9



10



4 x

11

90

2 x

30

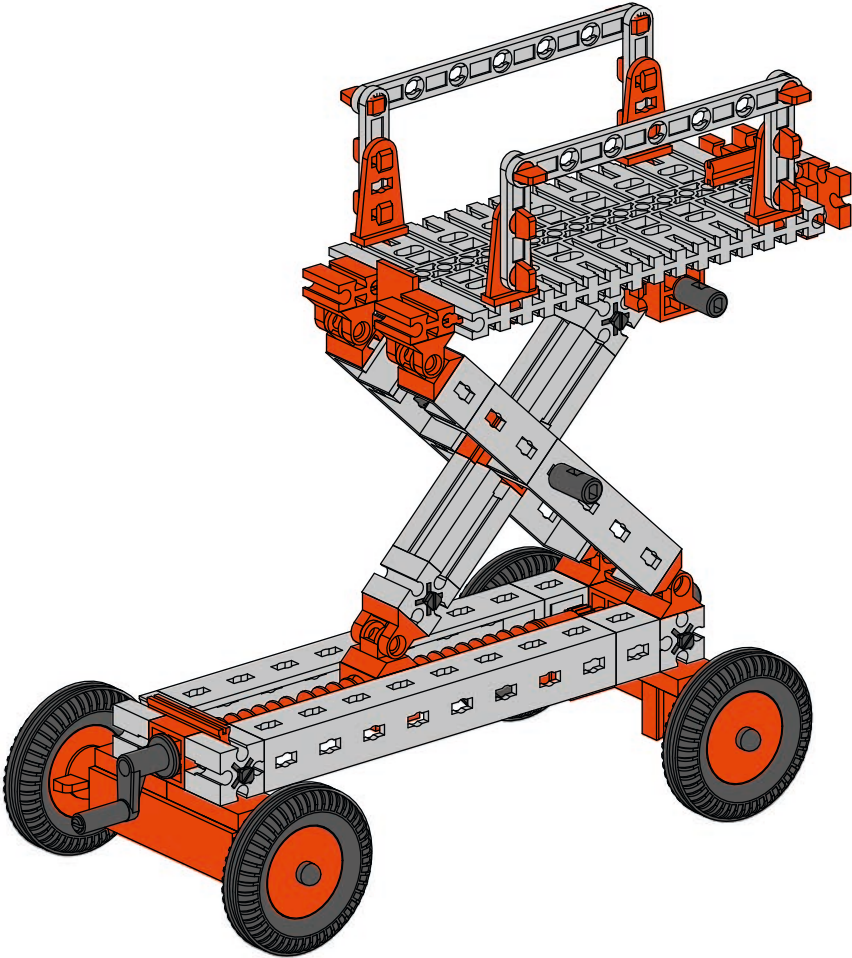
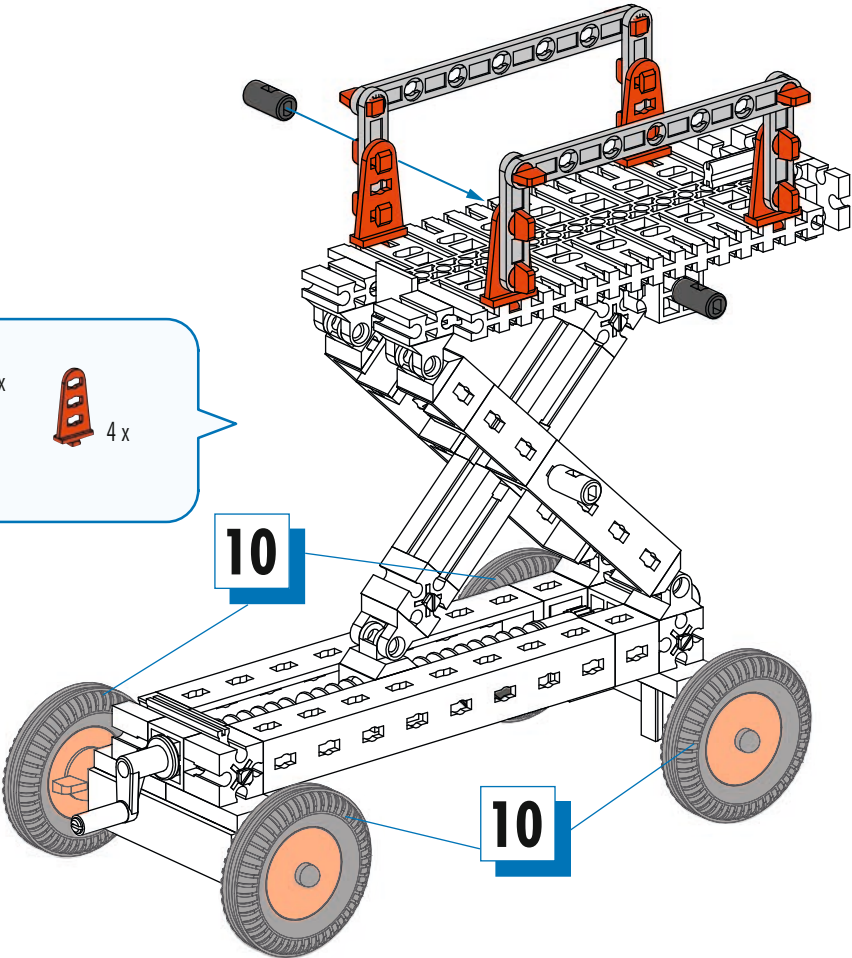
4 x

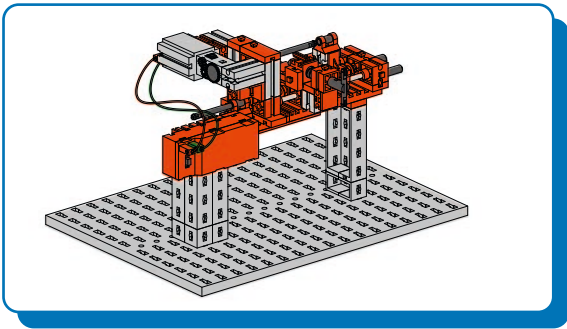
4

2 x

2 x

4 x



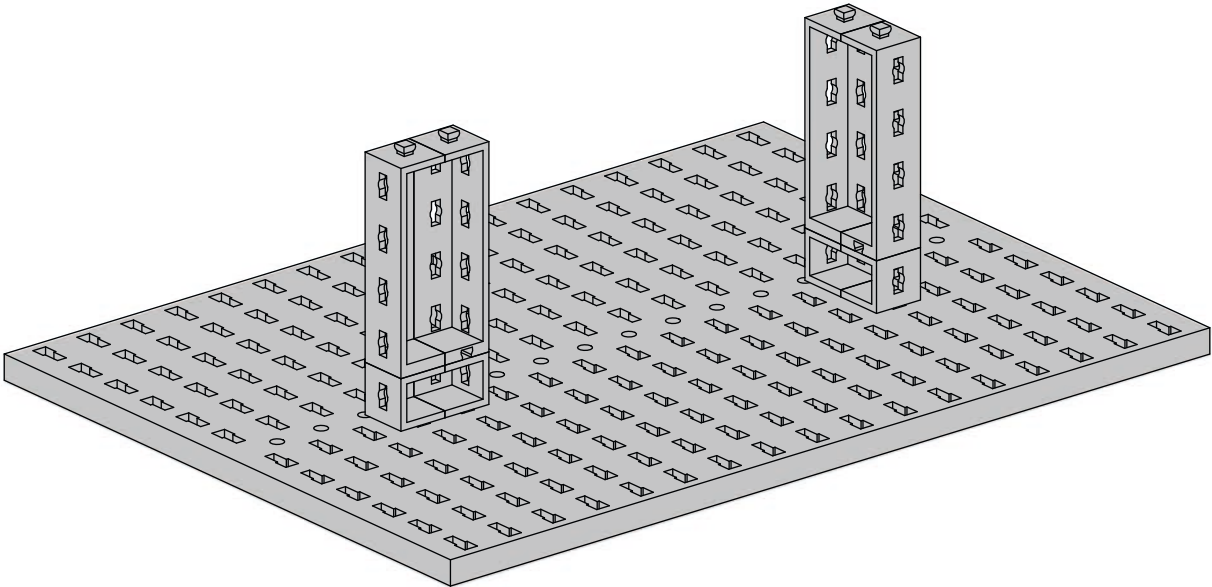


Drehmaschine
Lathe
Tour

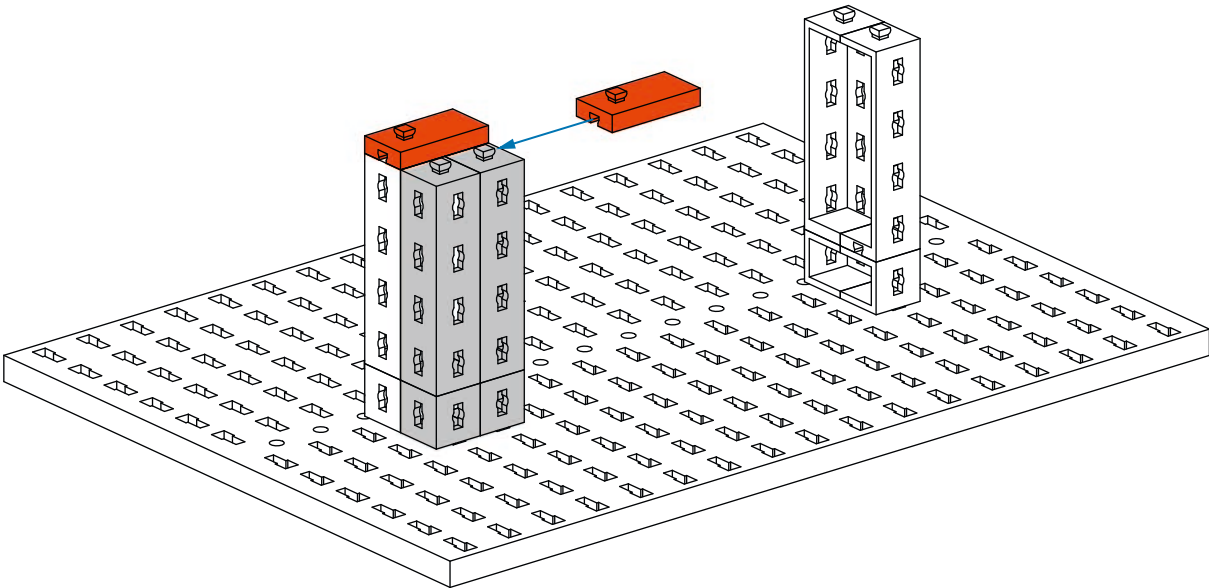
Draaibank
Torno
Torno

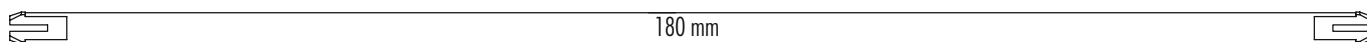
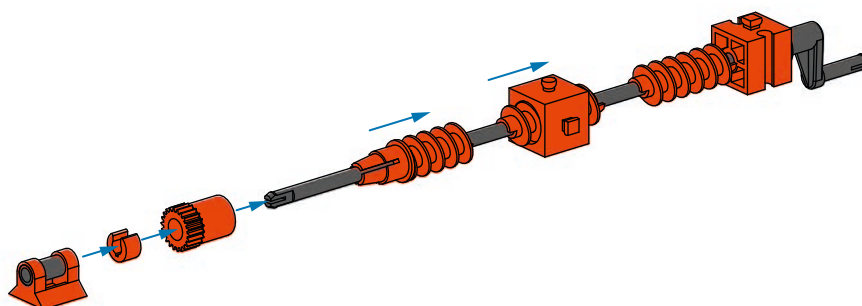
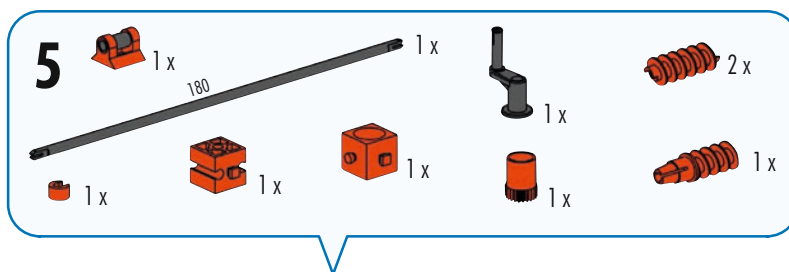
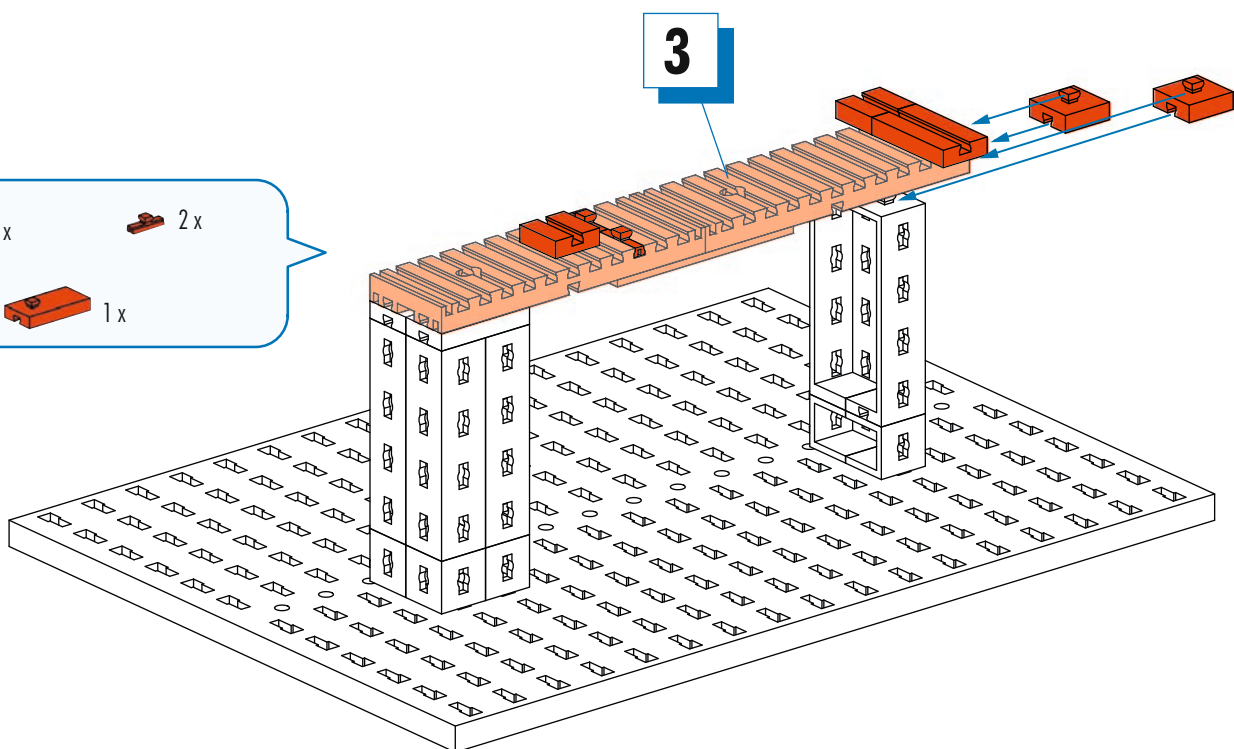
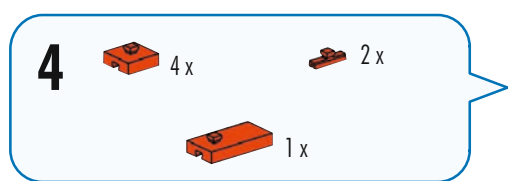
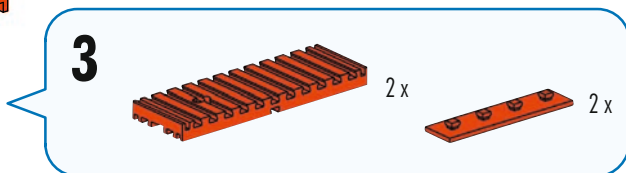
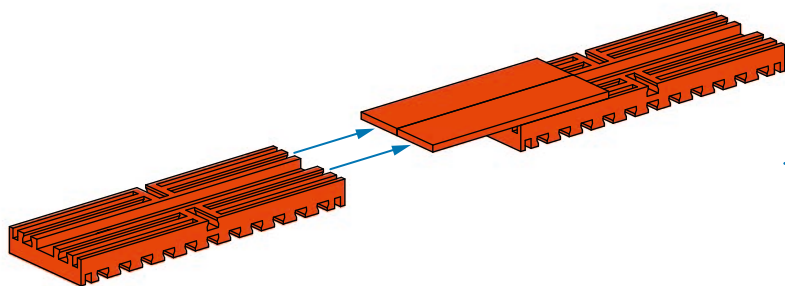
Tornio
Токарный станок
车床

1



2





6



4 x



2 x

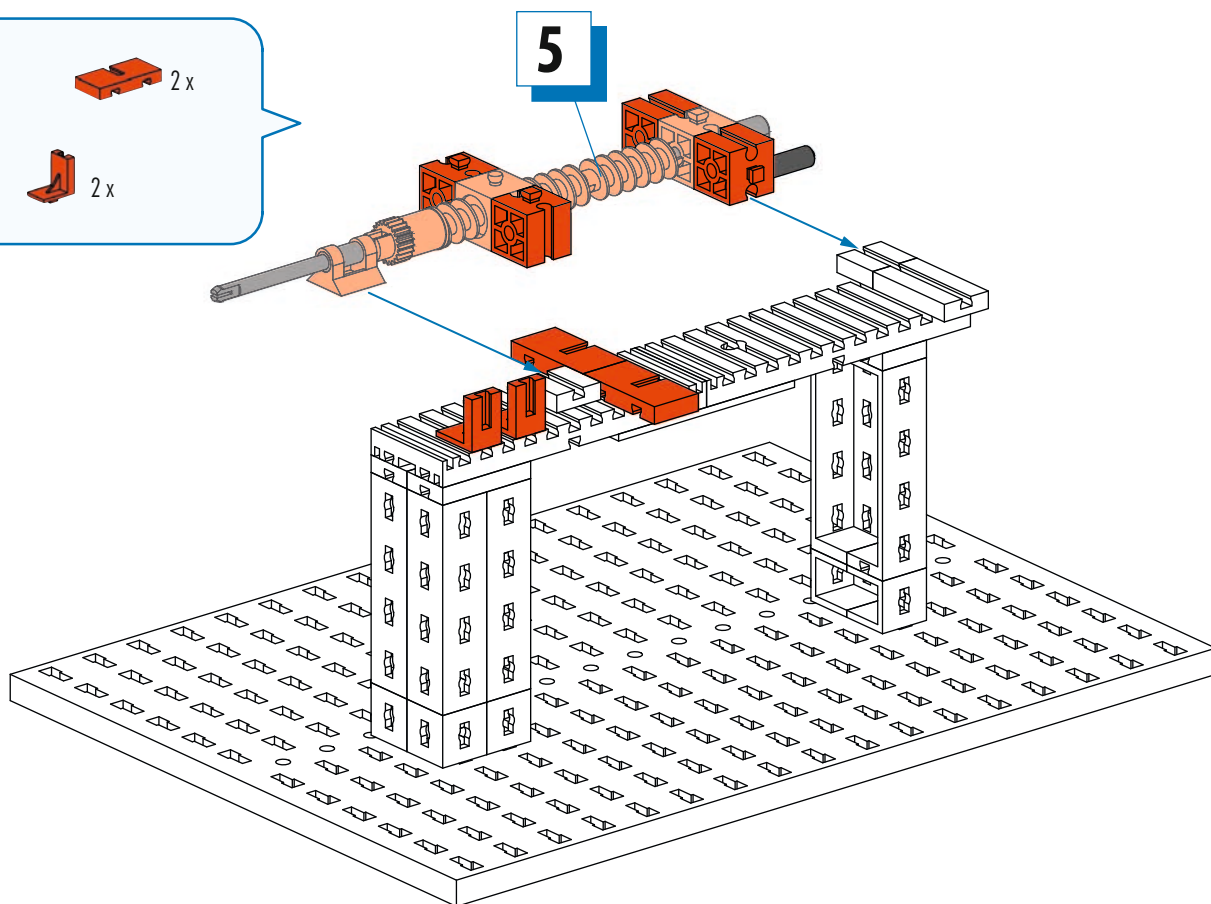


1 x

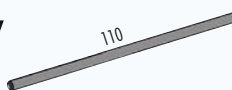


2 x

5



7



2 x



2 x



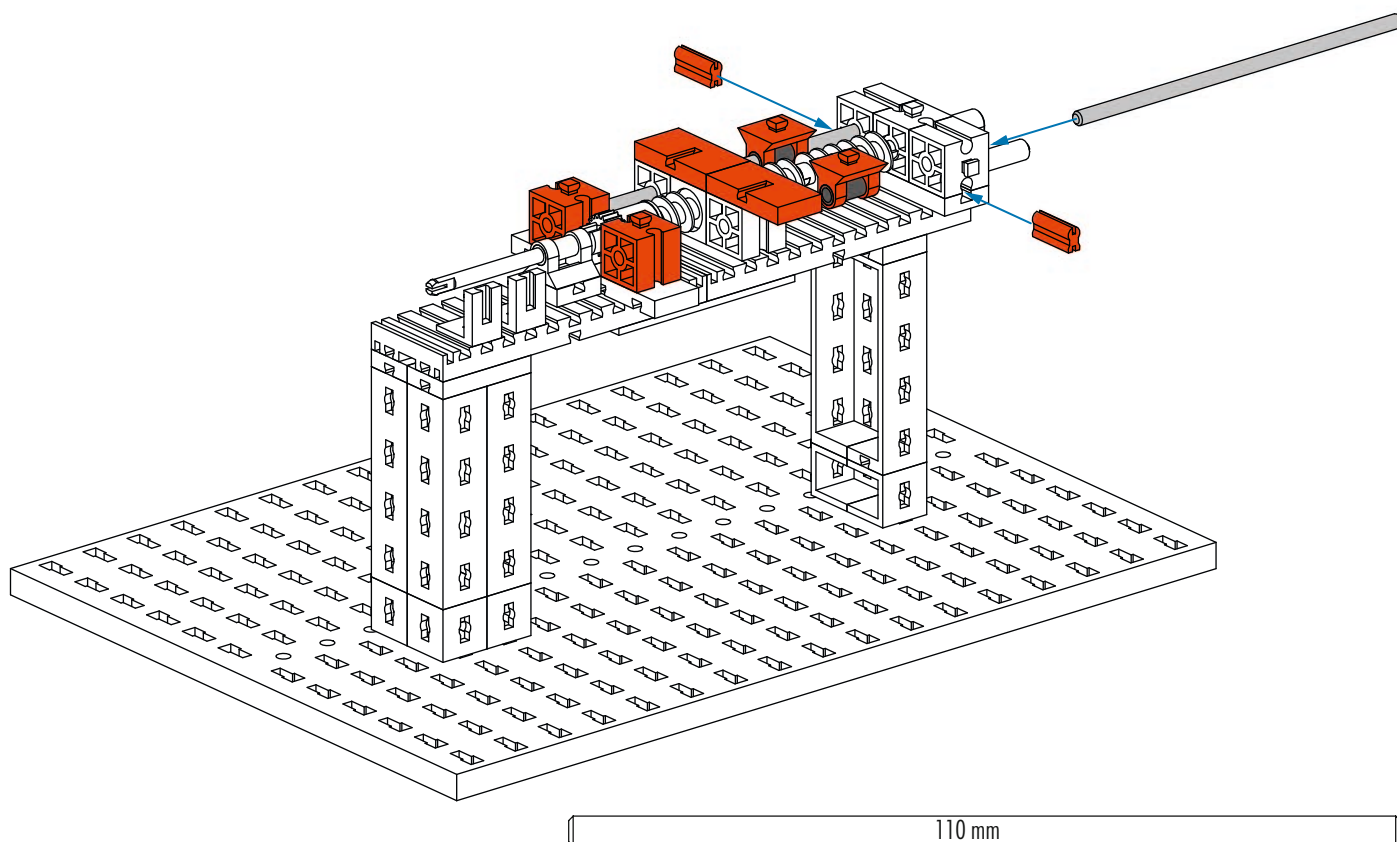
2 x



2 x

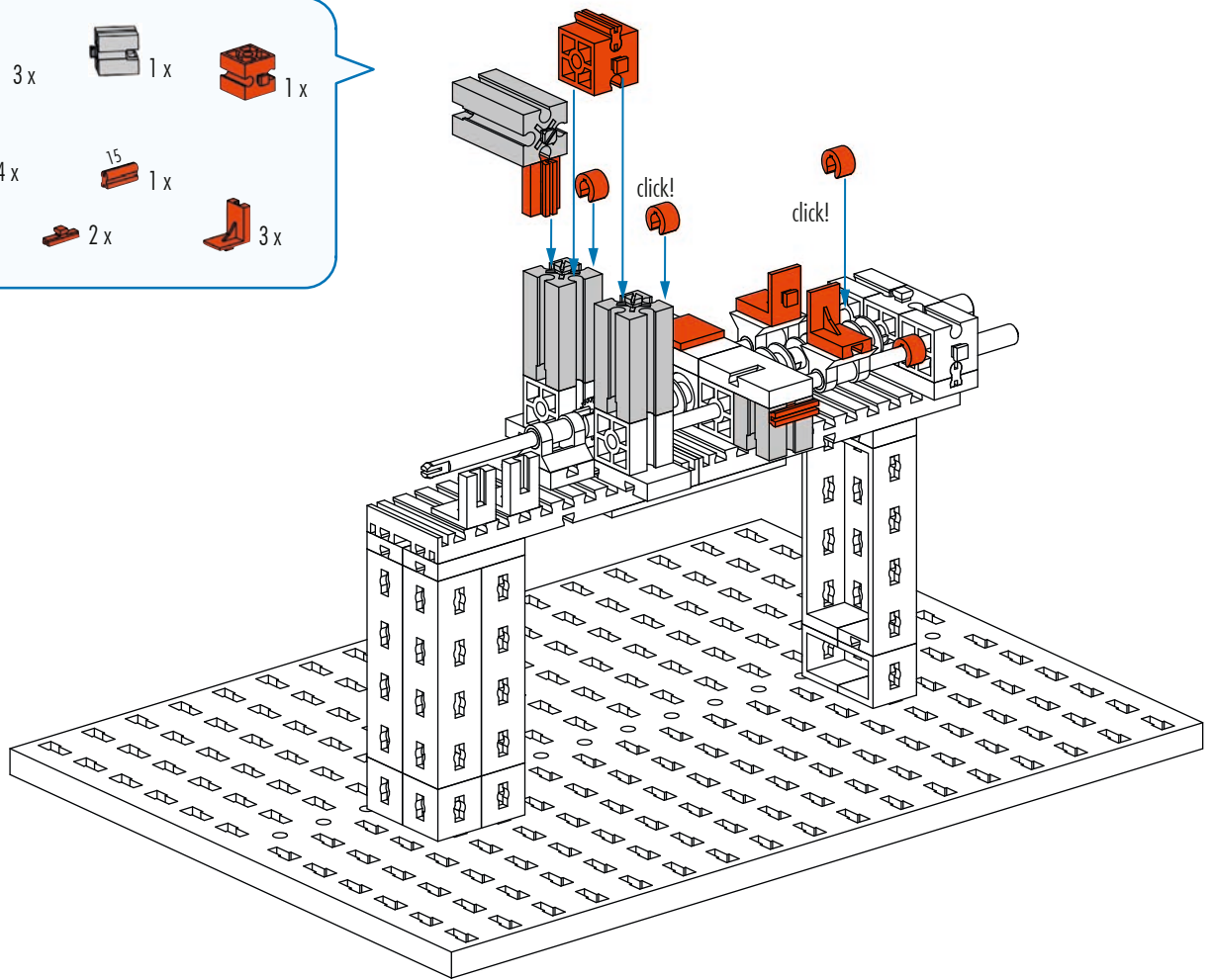
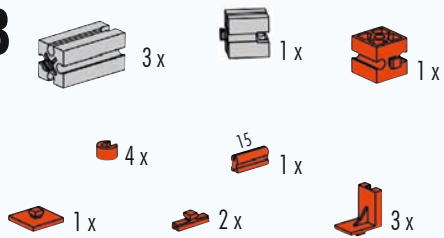


2 x

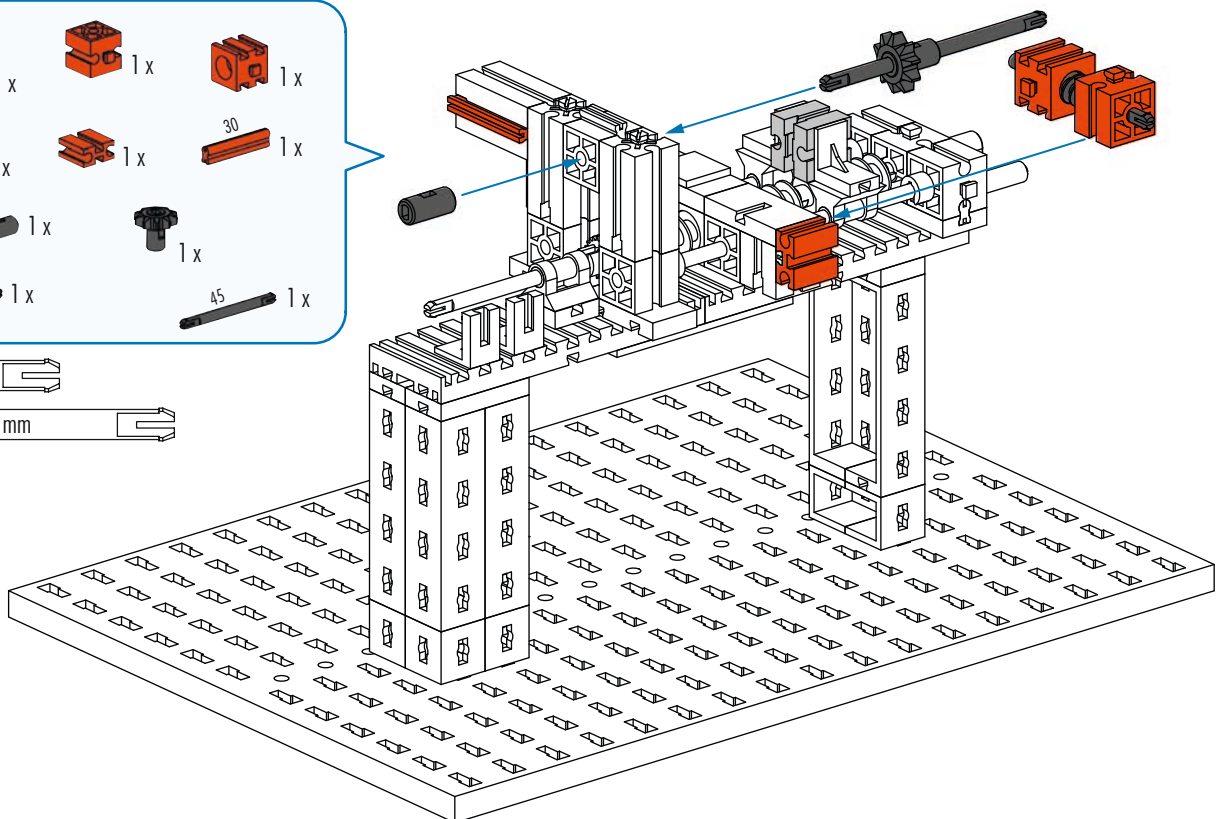
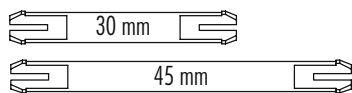
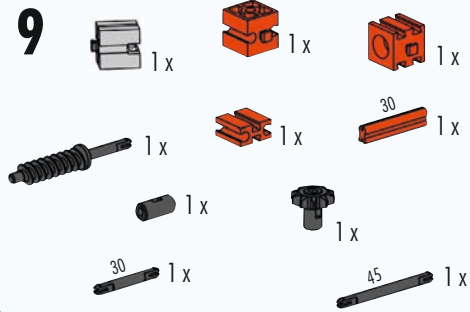


110 mm

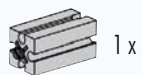
8



9



10



1x



1x



2x



1x



1x



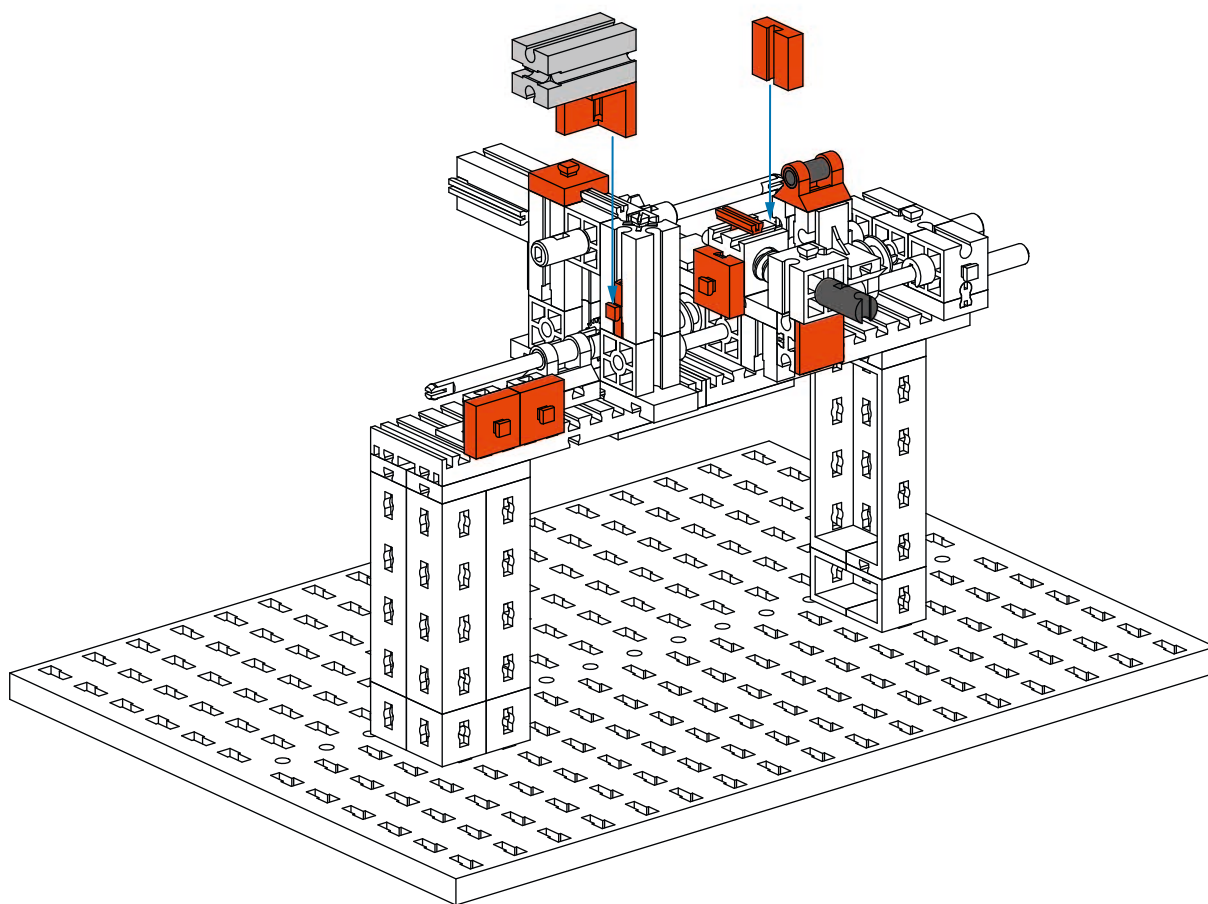
3x



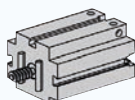
1x



2x



11



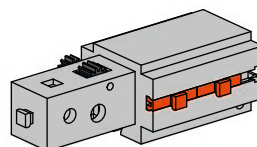
1x

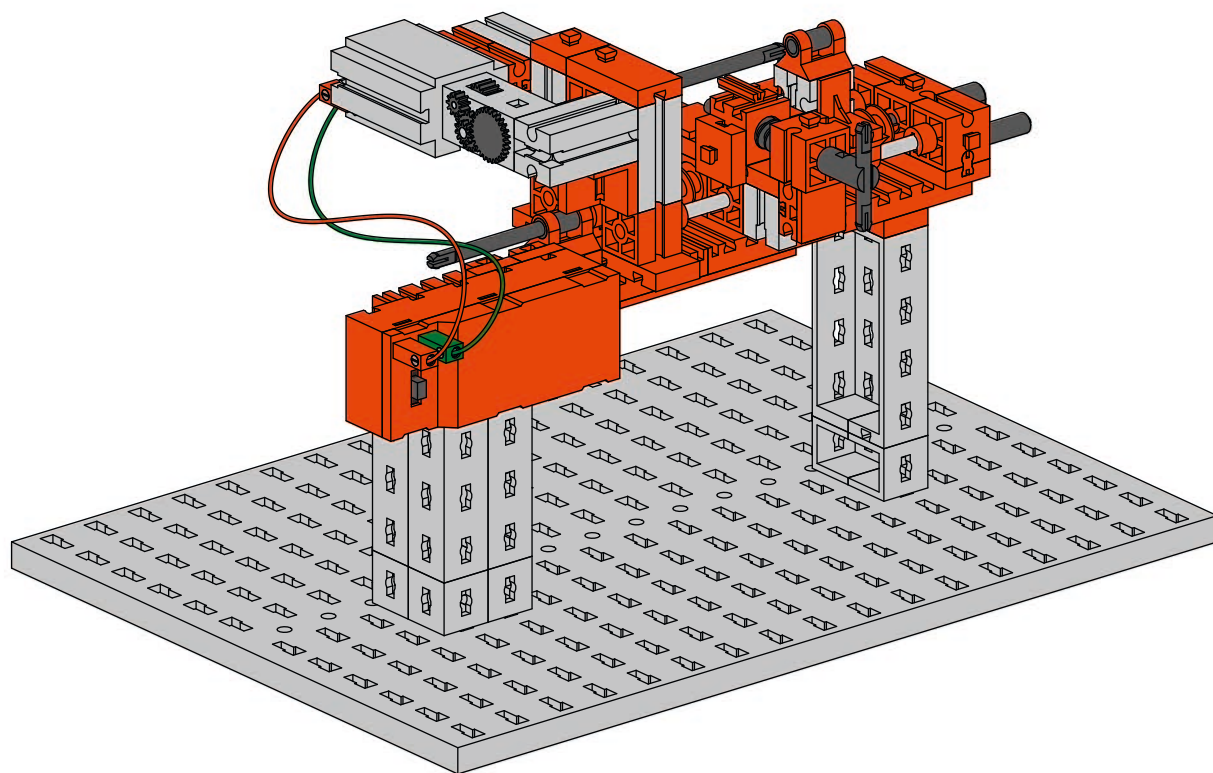
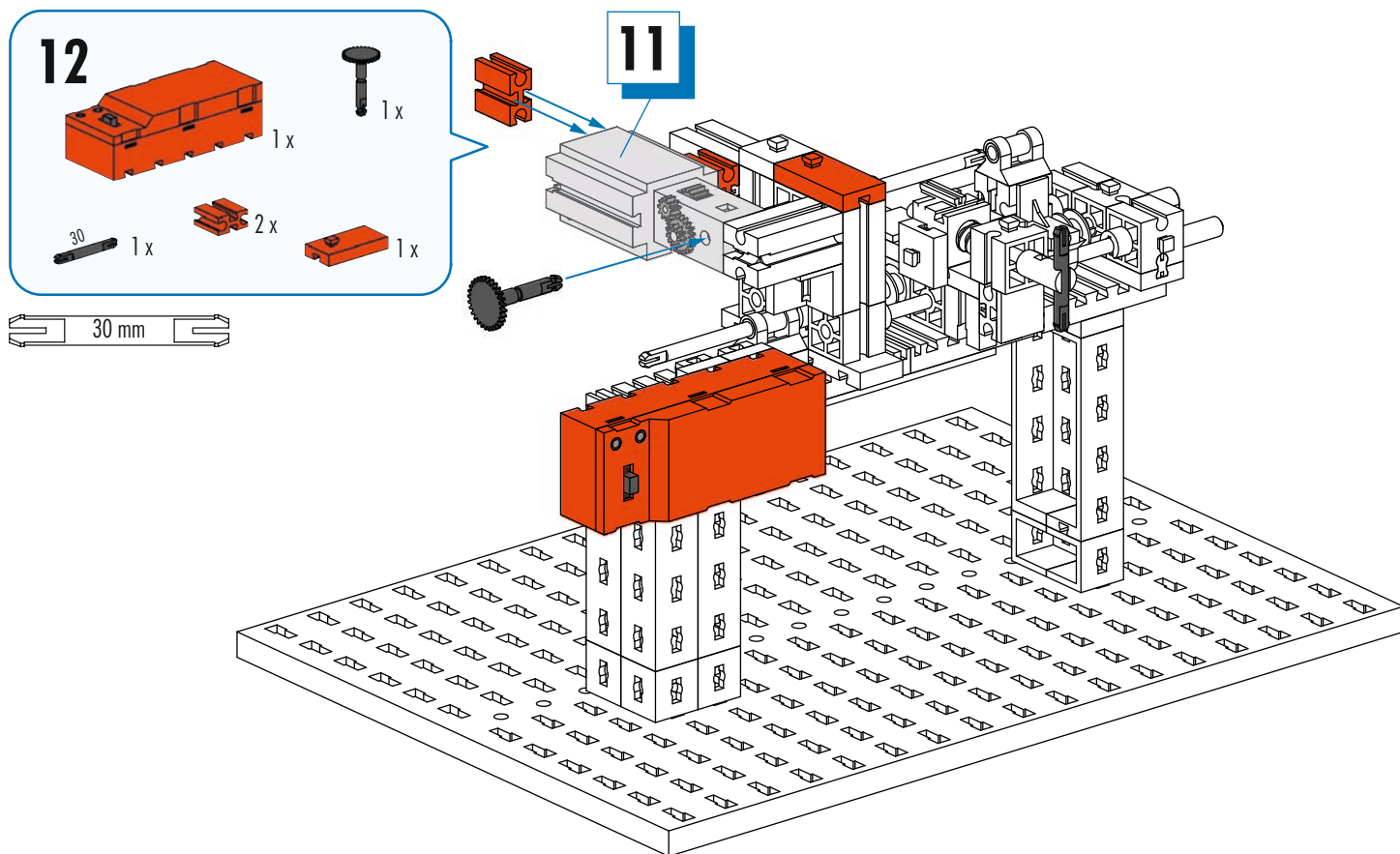


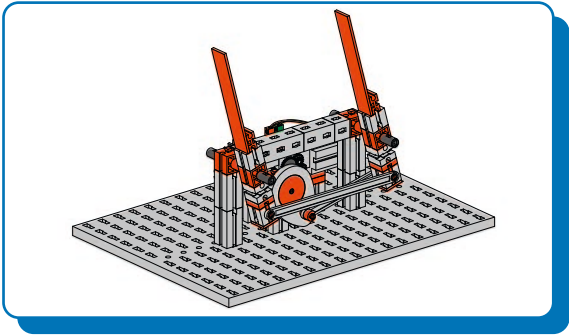
1x



2x



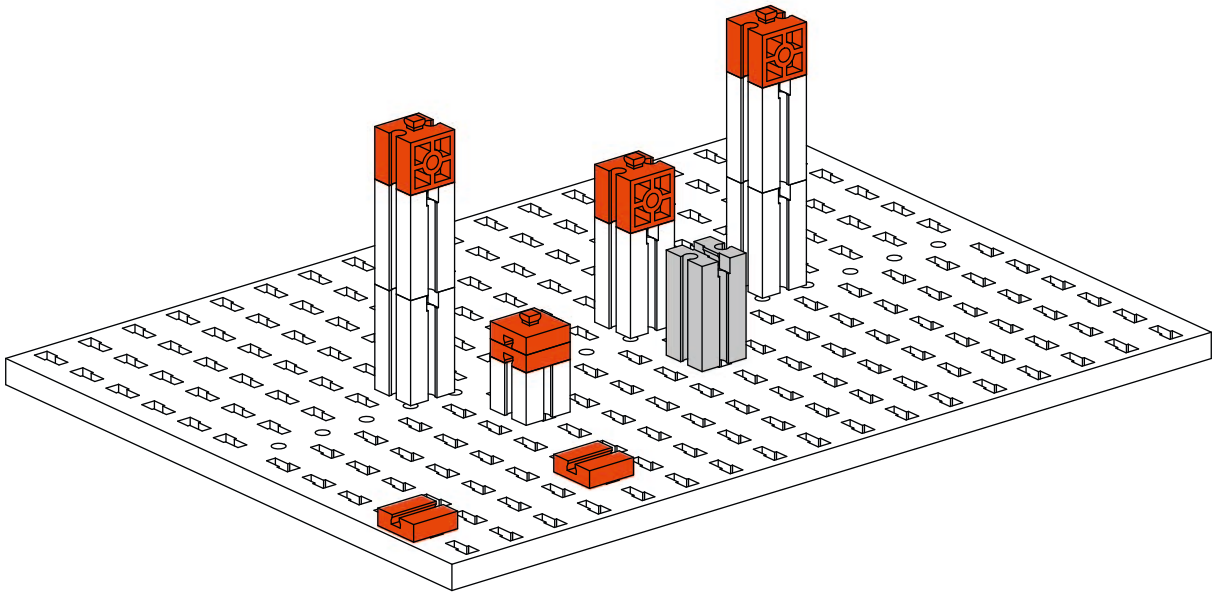
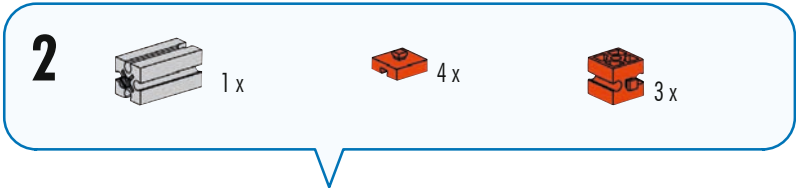
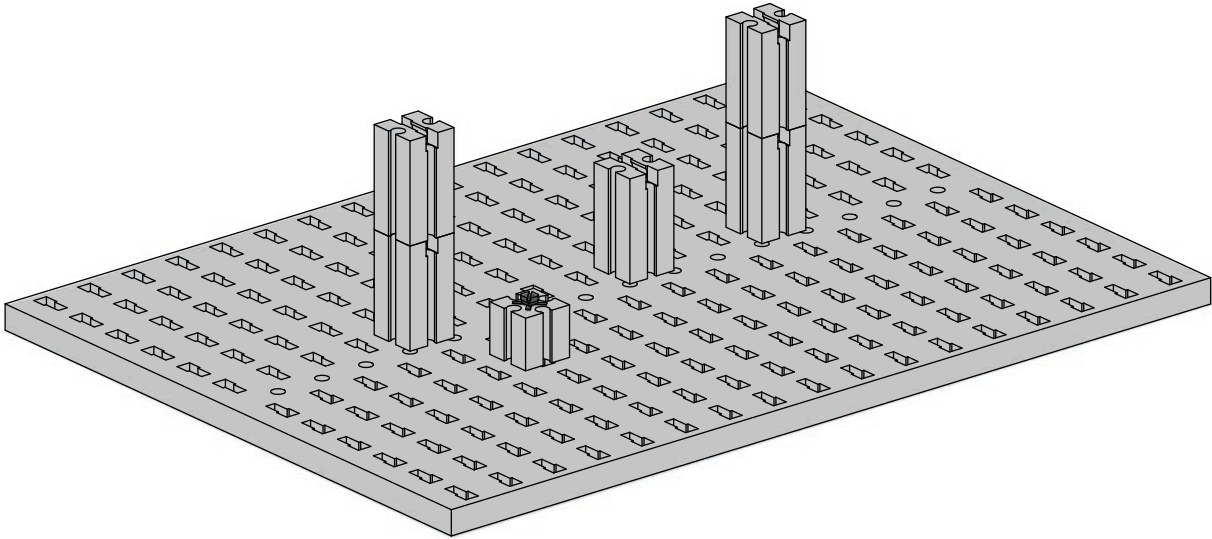
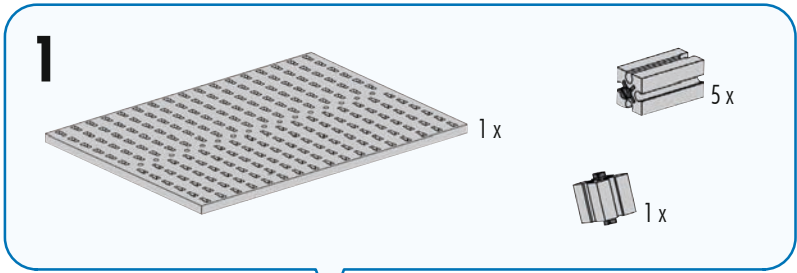




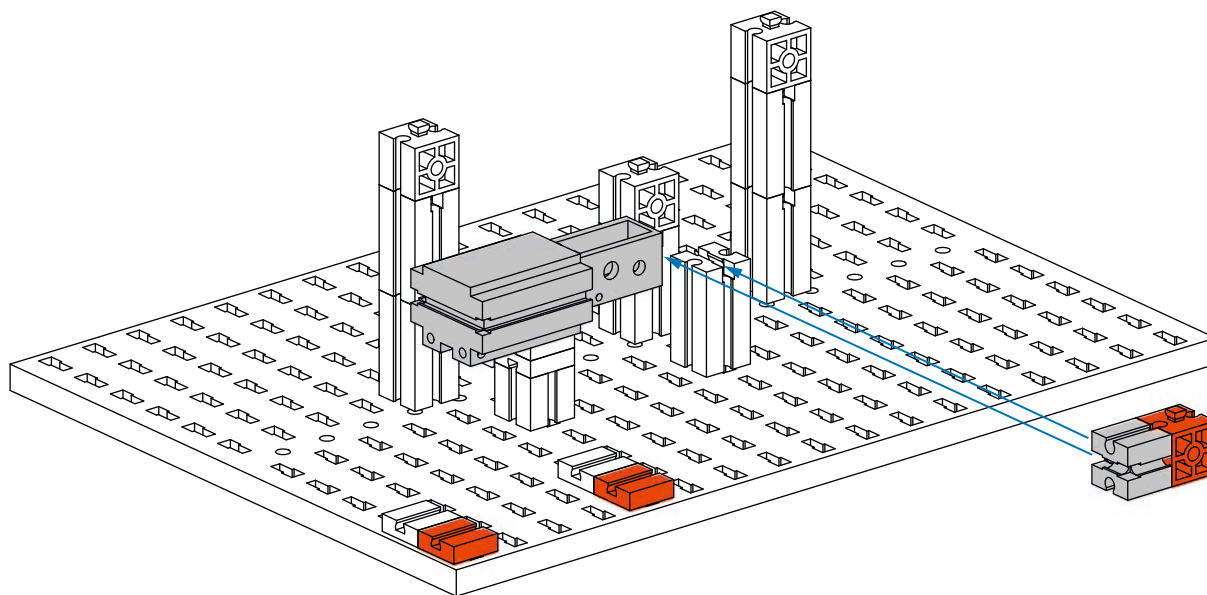
Scheibenwischer
Windshield wiper
Essuie-glace

Ruitenwisser
Limpiaparabrisas
Para-brisas

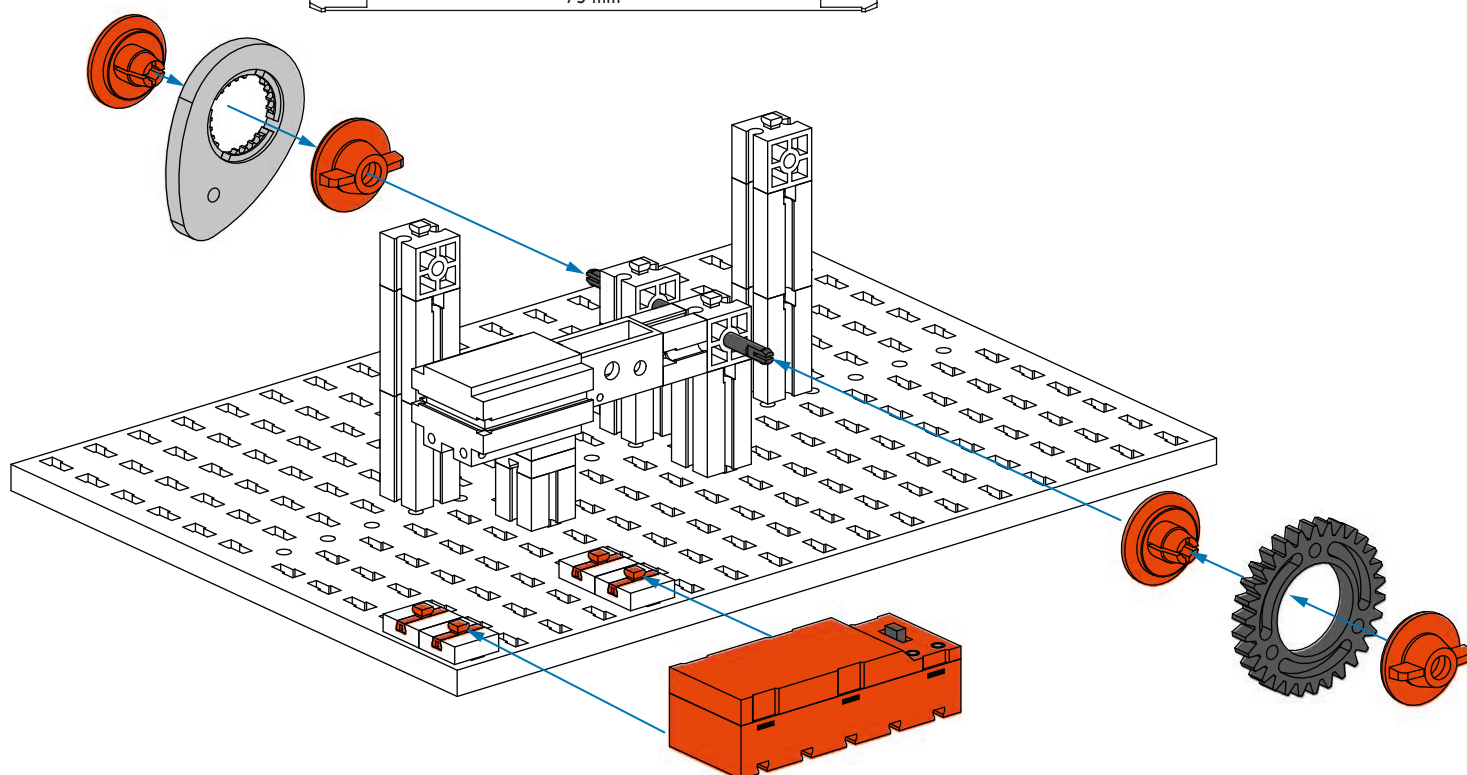
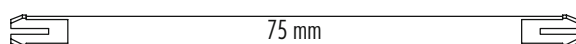
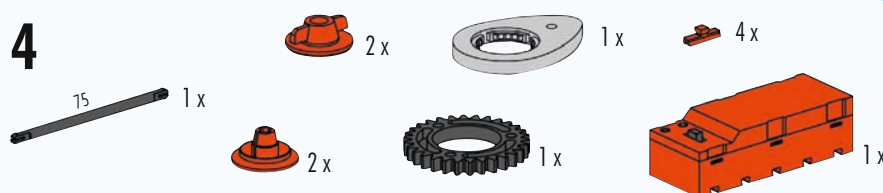
Tergicristallo
теклоочистители
刮雨器

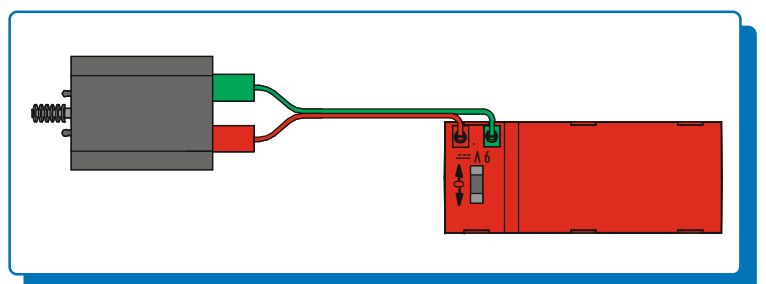
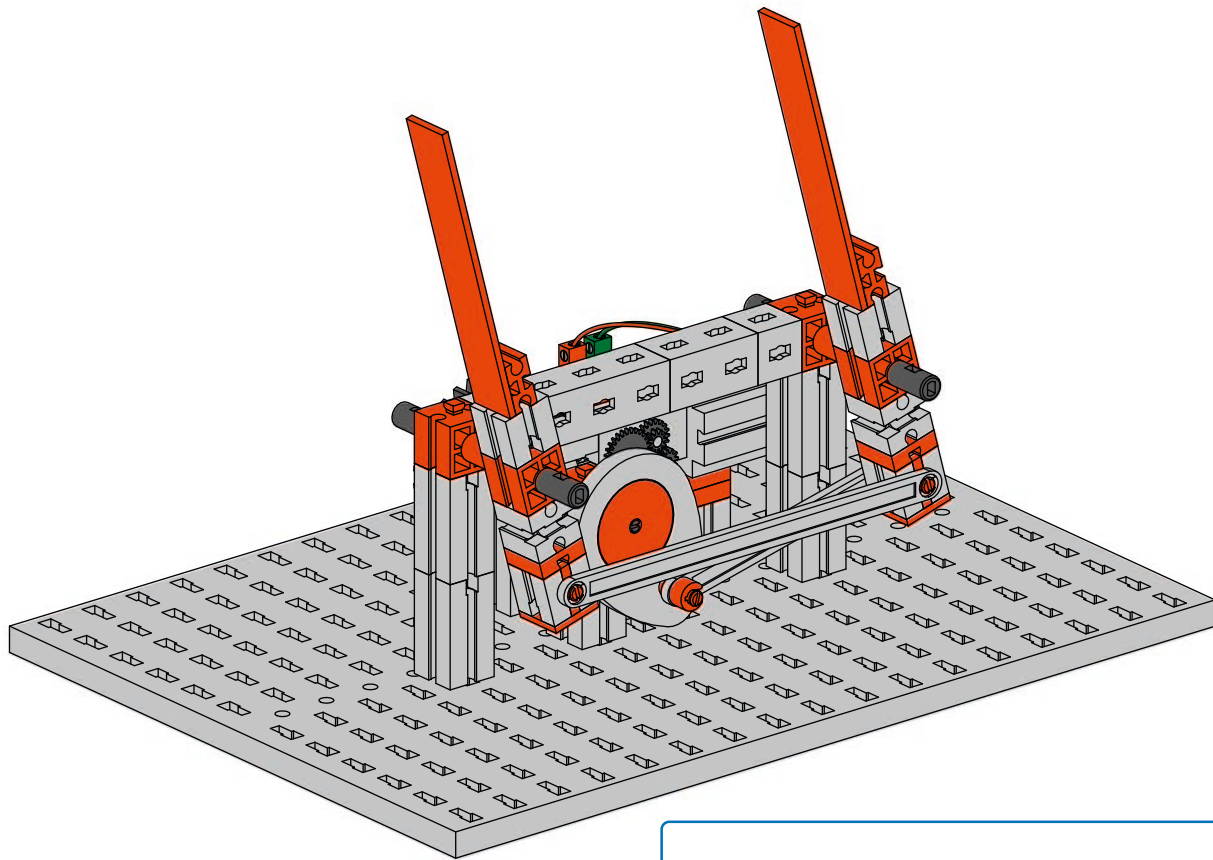
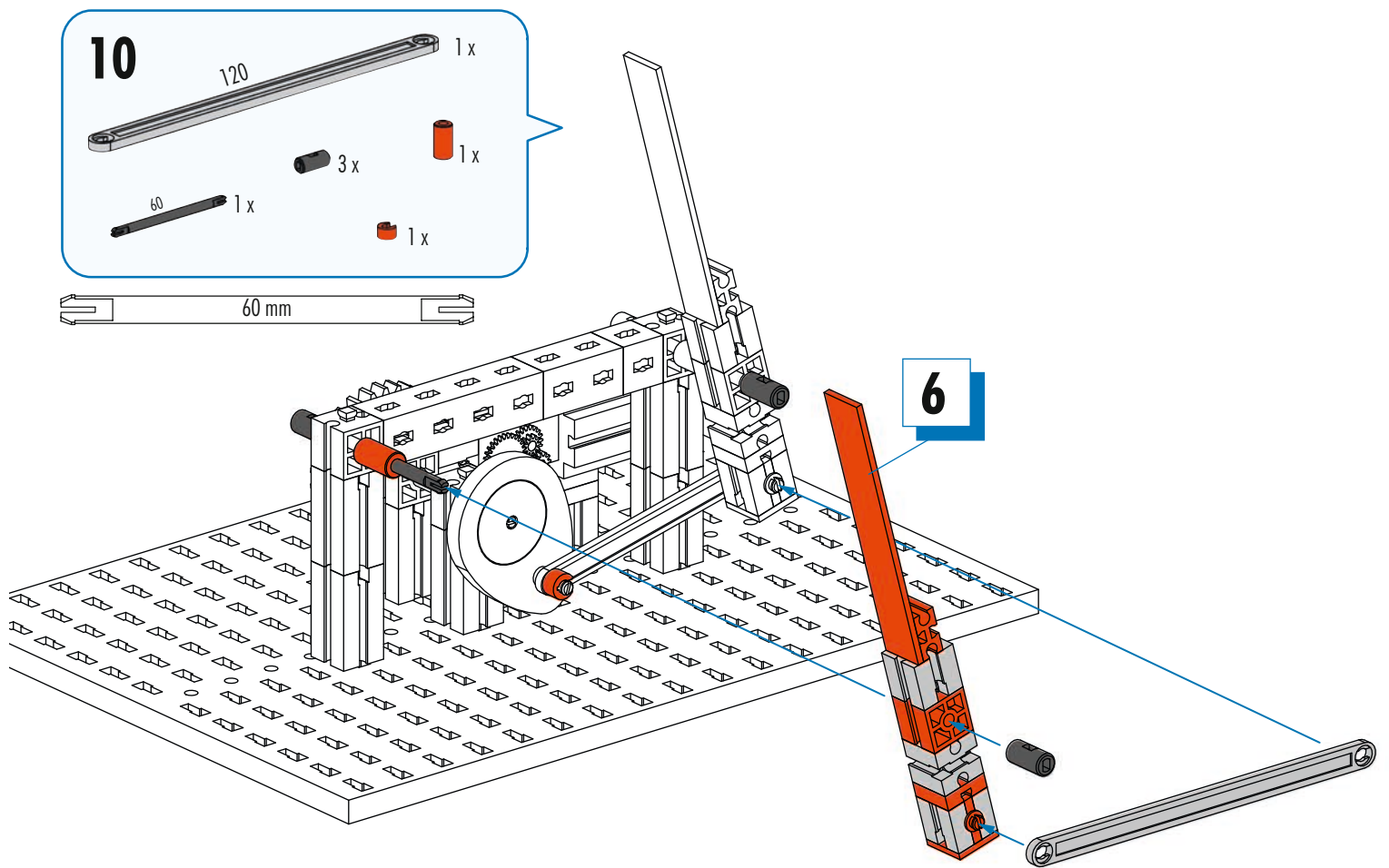


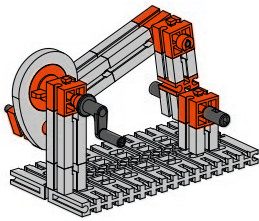
3



4





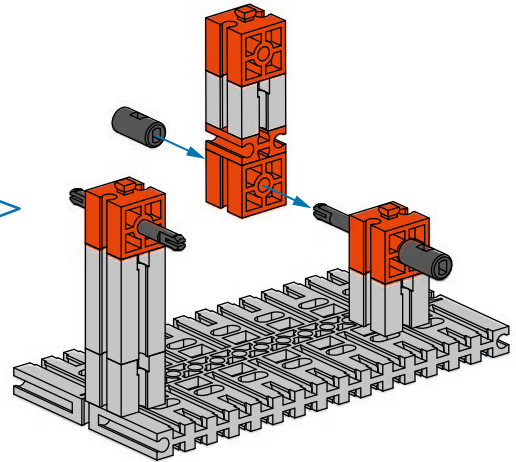
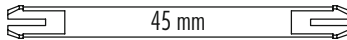
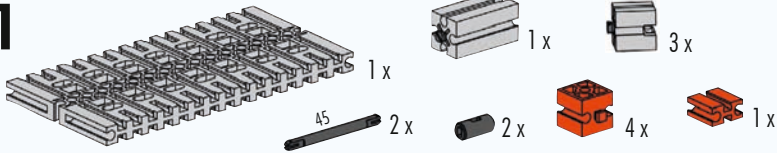


Viergelenkkette
Four-bar chain
Chaîne cinématique à quatre joints articulés

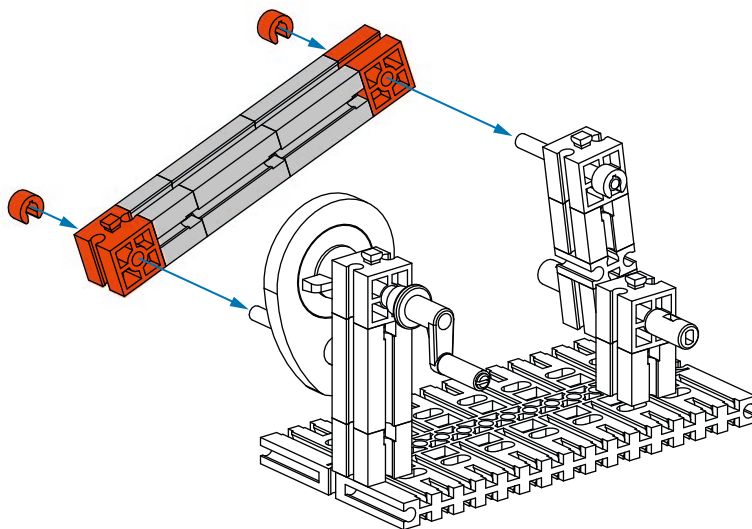
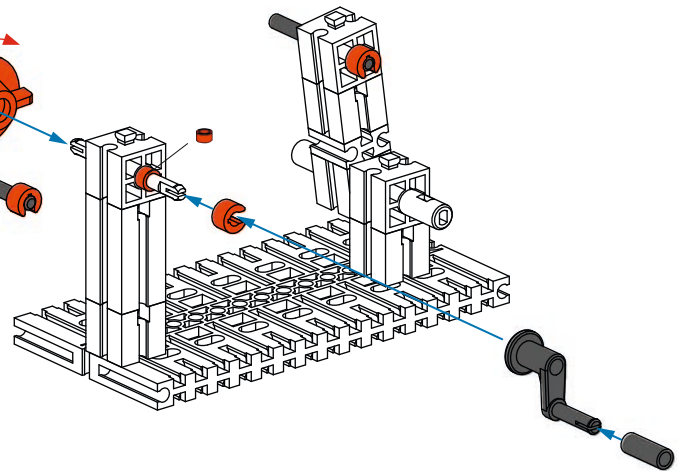
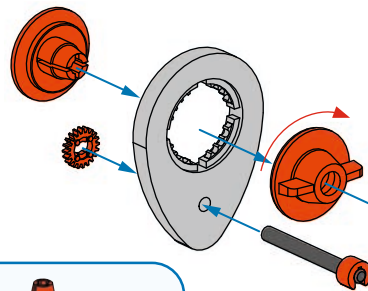
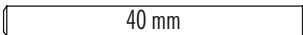
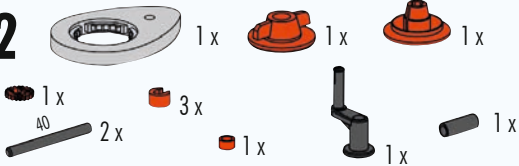
Vierscharniersmechanisme
Mecanismo de cuatro articulaciones
Corrente de quatro articulações

Catena a quattro articolazioni
Четырехзвенный шарнирный механизм
四活节链

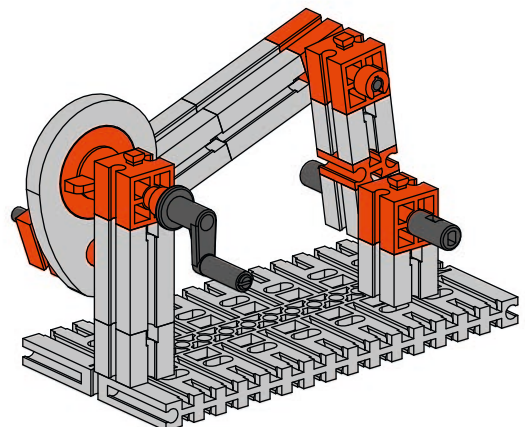
1

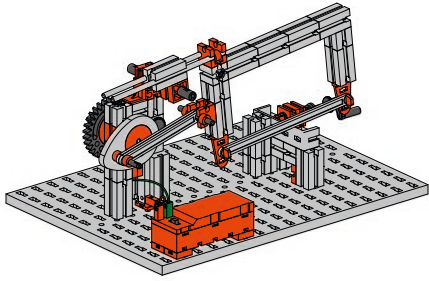


2



3



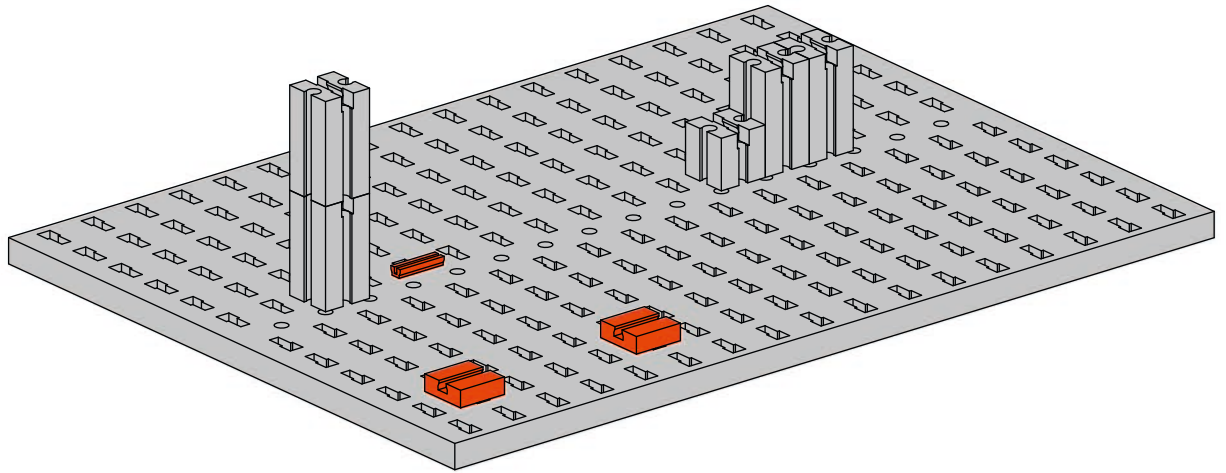
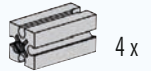
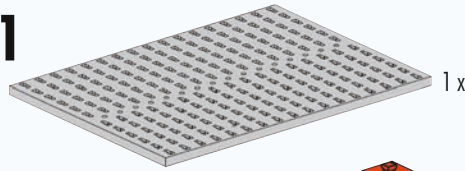


Bügelsäge
Power hacksaw machine
Scie à archet

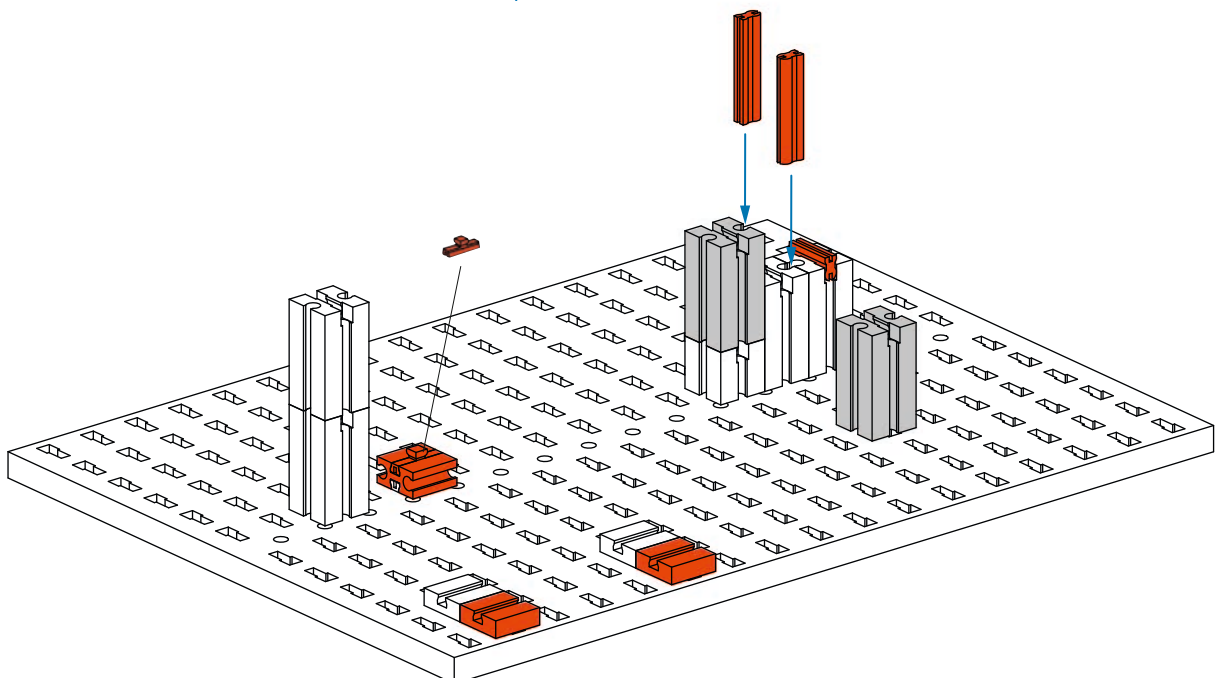
Beugelzaag
Sierra de arco
Serra de arco

Seghetto ad arco
Ножовка
弓锯

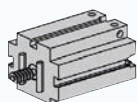
1



2



3



1 x



4 x



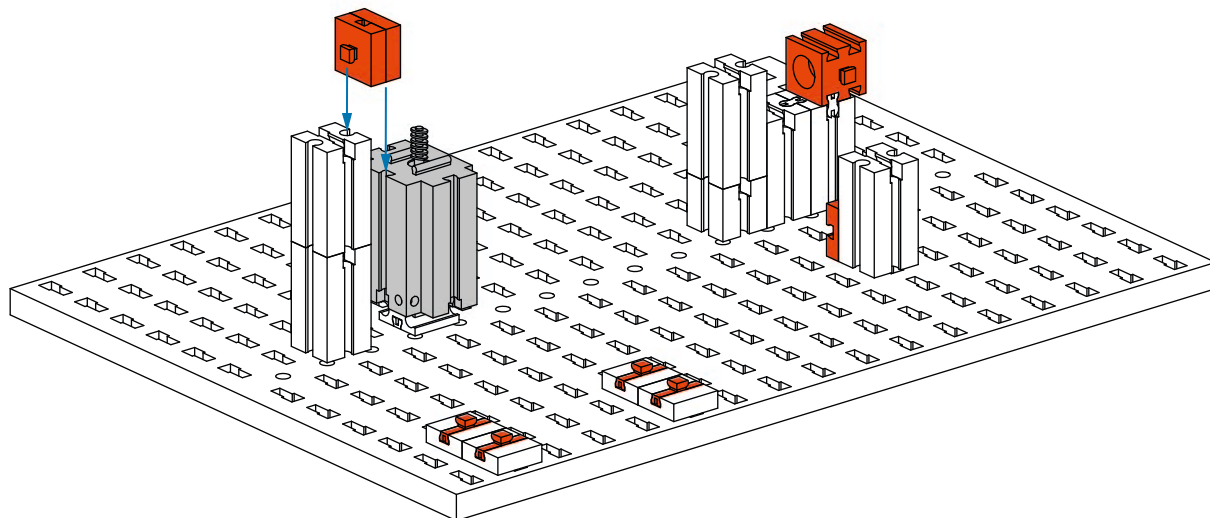
2 x



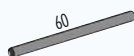
1 x



1 x



4



1 x



1 x



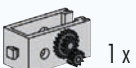
1 x



1 x



1 x



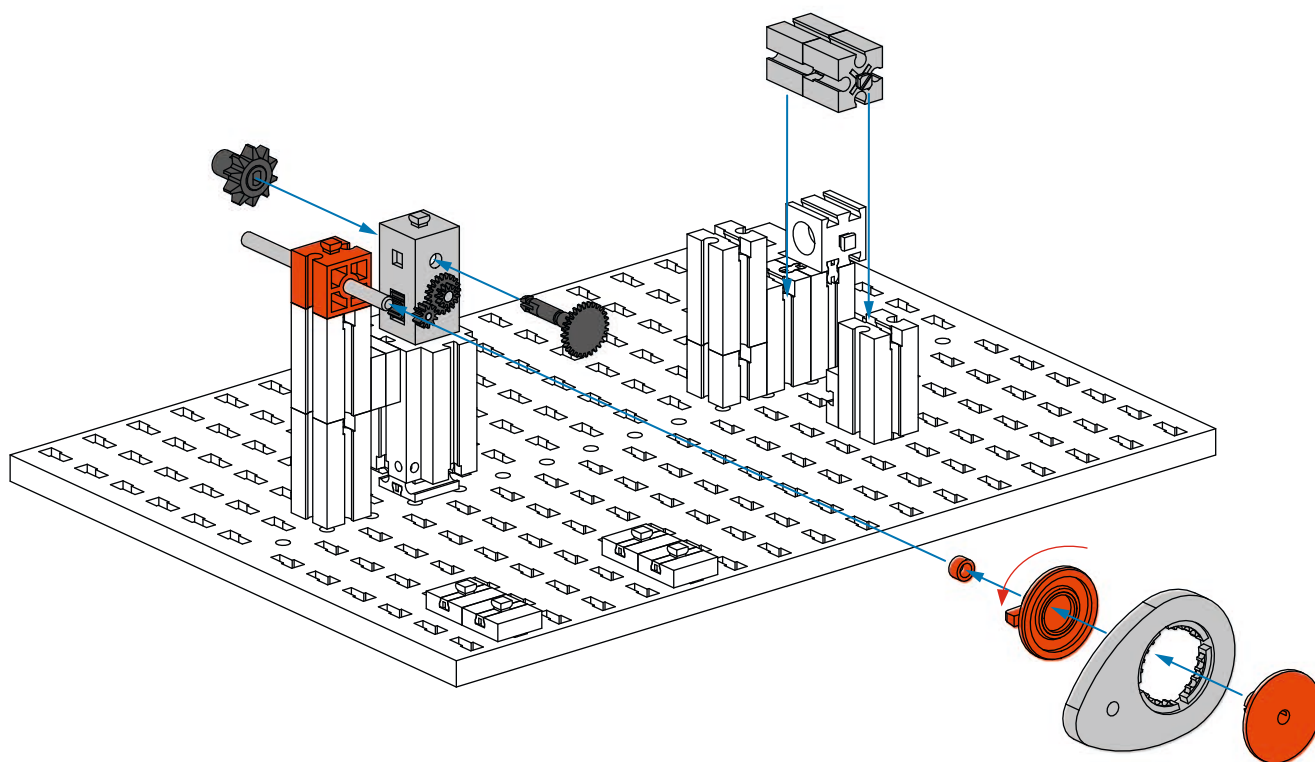
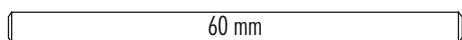
1 x



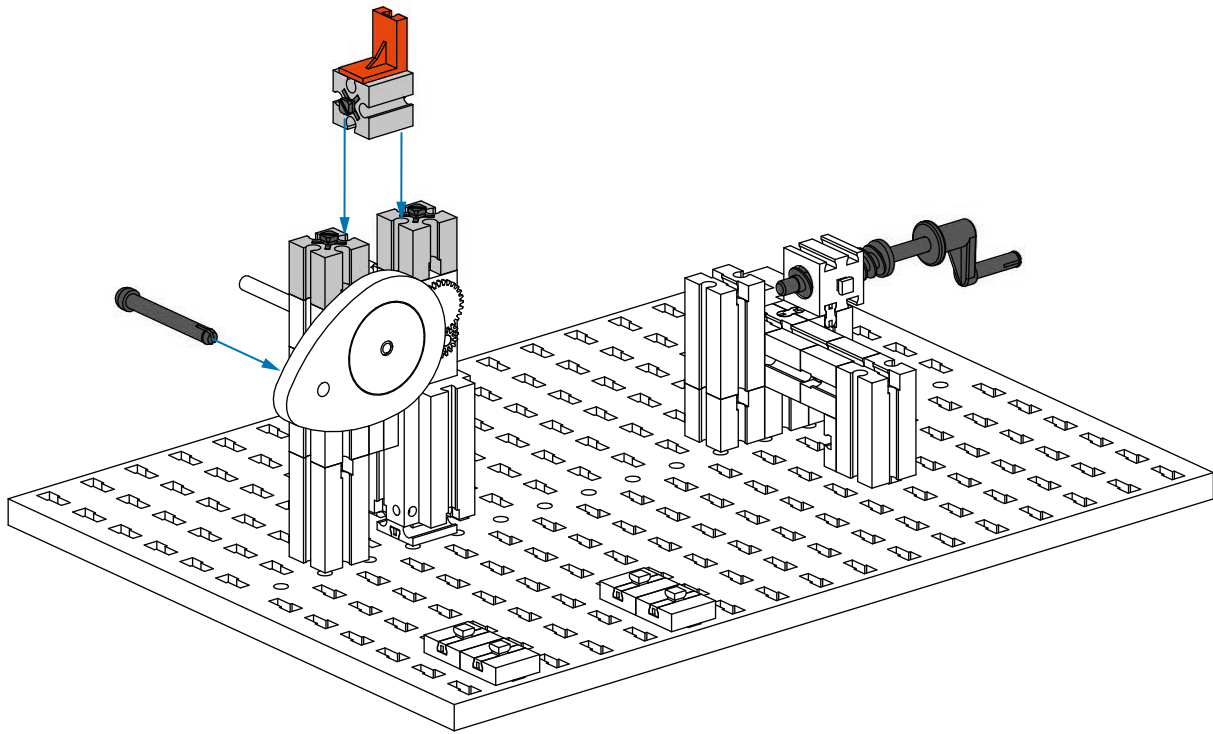
1 x



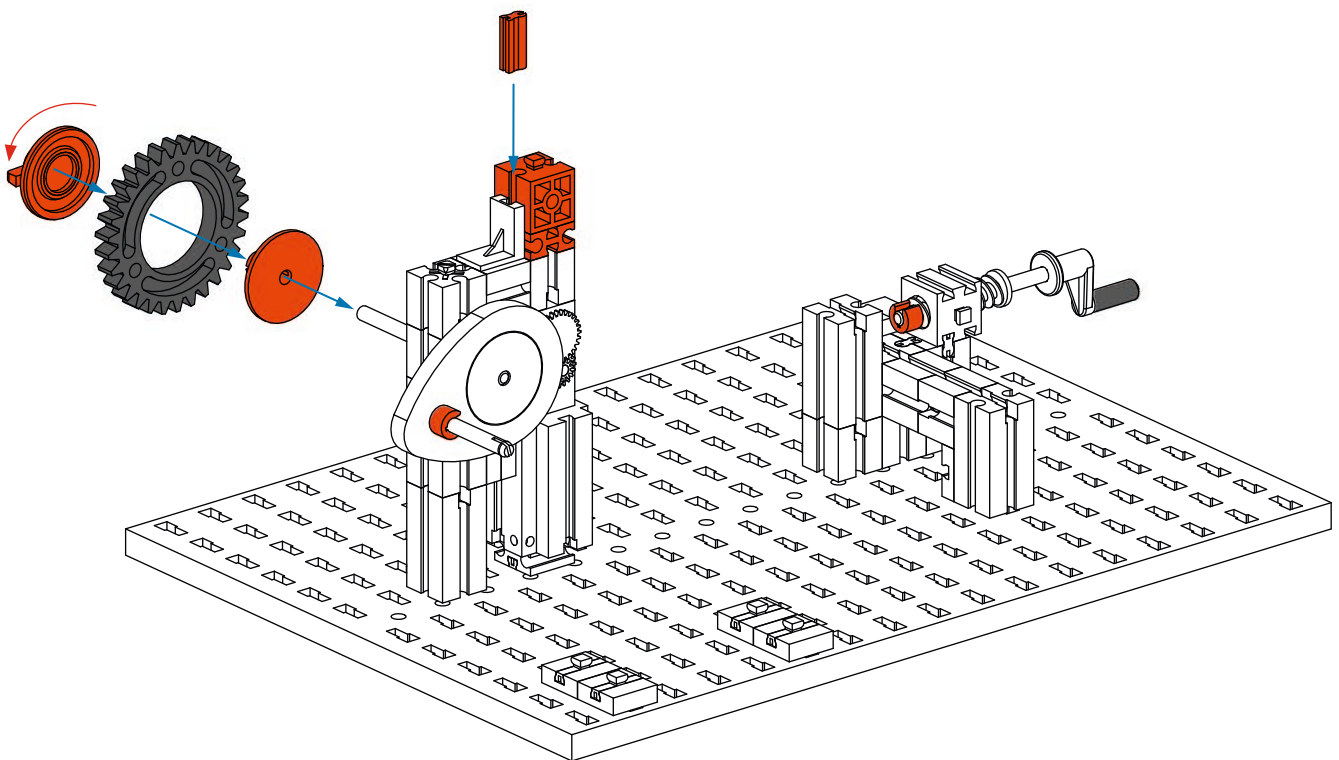
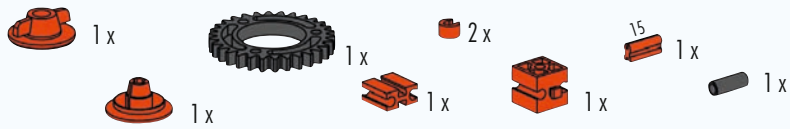
1 x



5

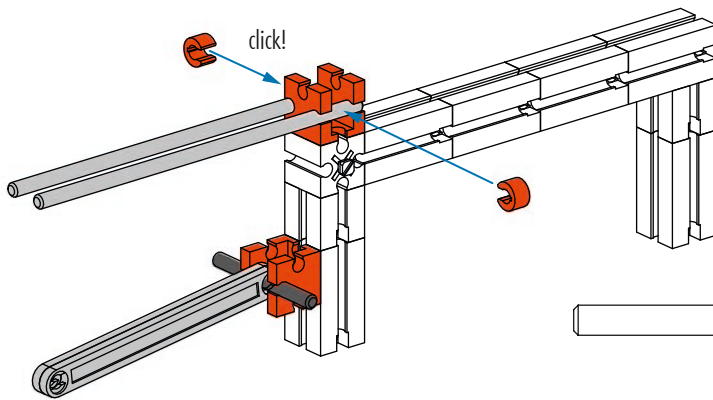
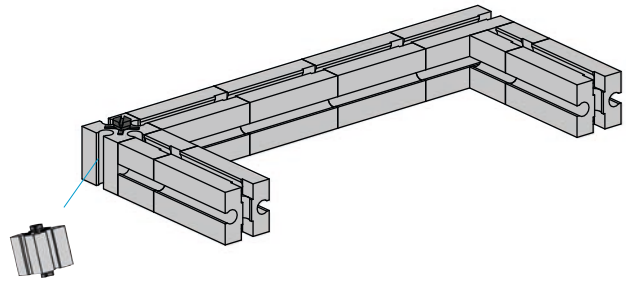


6



7

6 x 2 x 1 x



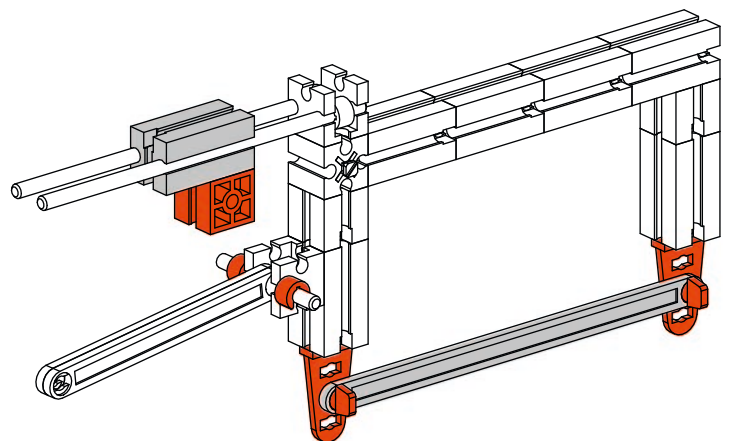
8

15 2 x 40 2 x 110 2 x 2 x 2 x 2 x

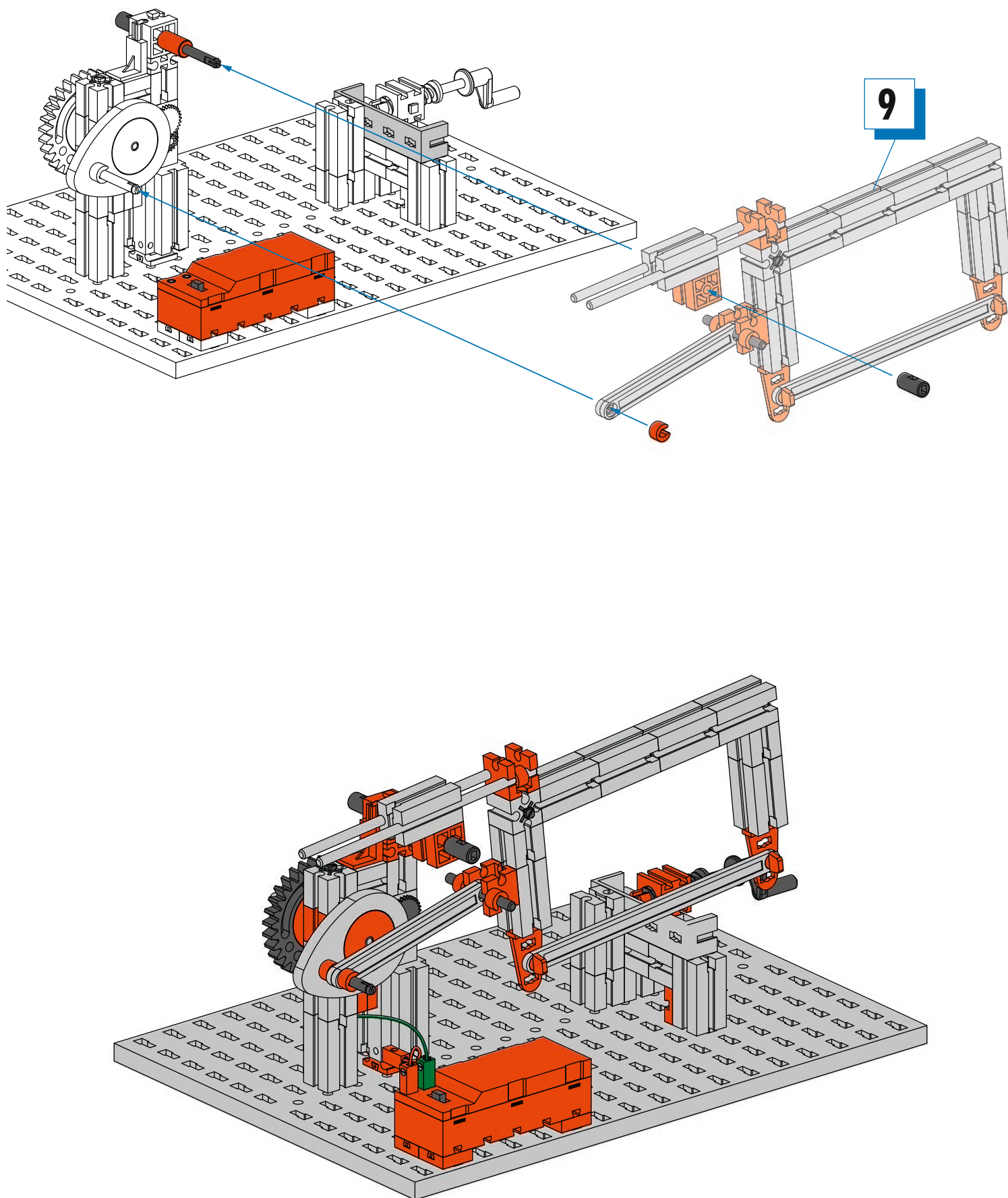
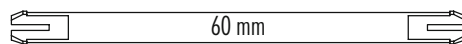
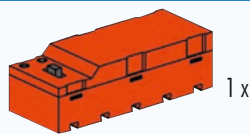
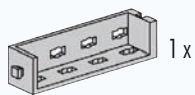


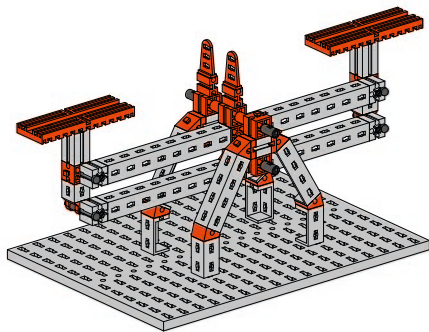
9

120 1 x 1 x 2 x 1 x 2 x 2 x



10



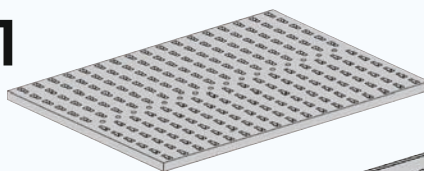


Balkenwaage
Beam and scales
Crochet-basculé

Balansweegschaal
Balança de braços
Balança de pratos

Bilancia a braccio
Весы с коромыслом
天平

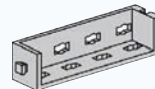
1



1 x



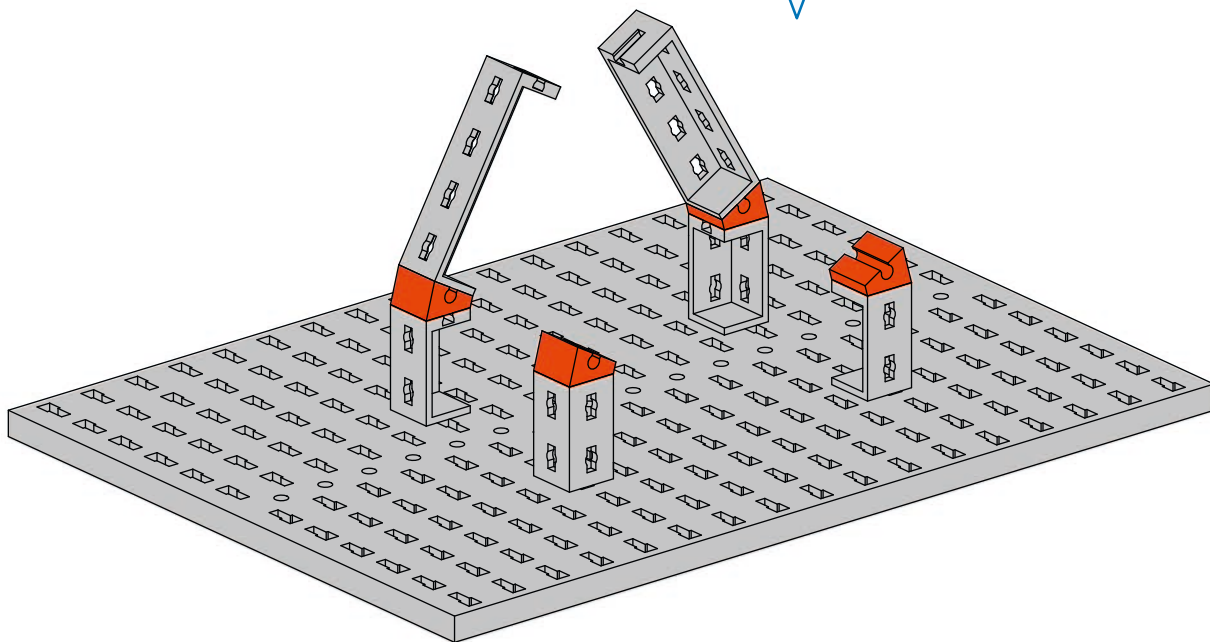
4 x



2 x



4 x



2



2 x



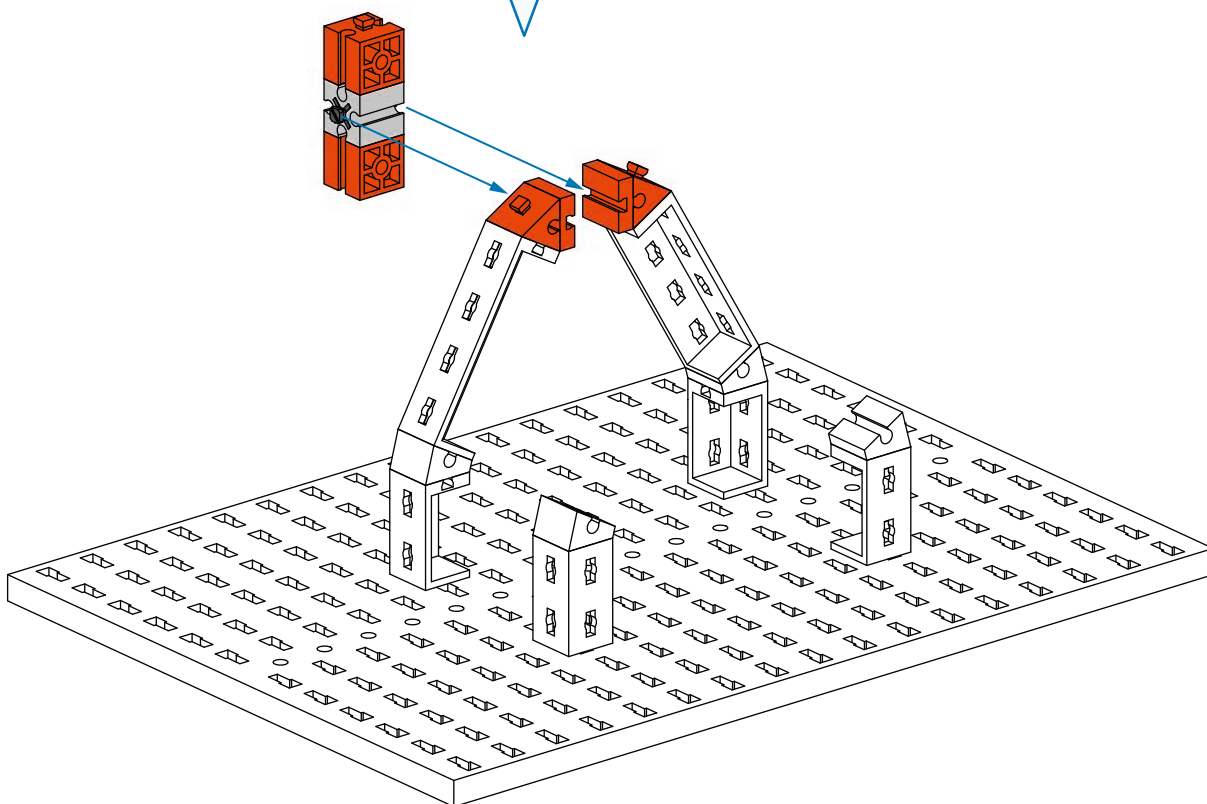
2 x

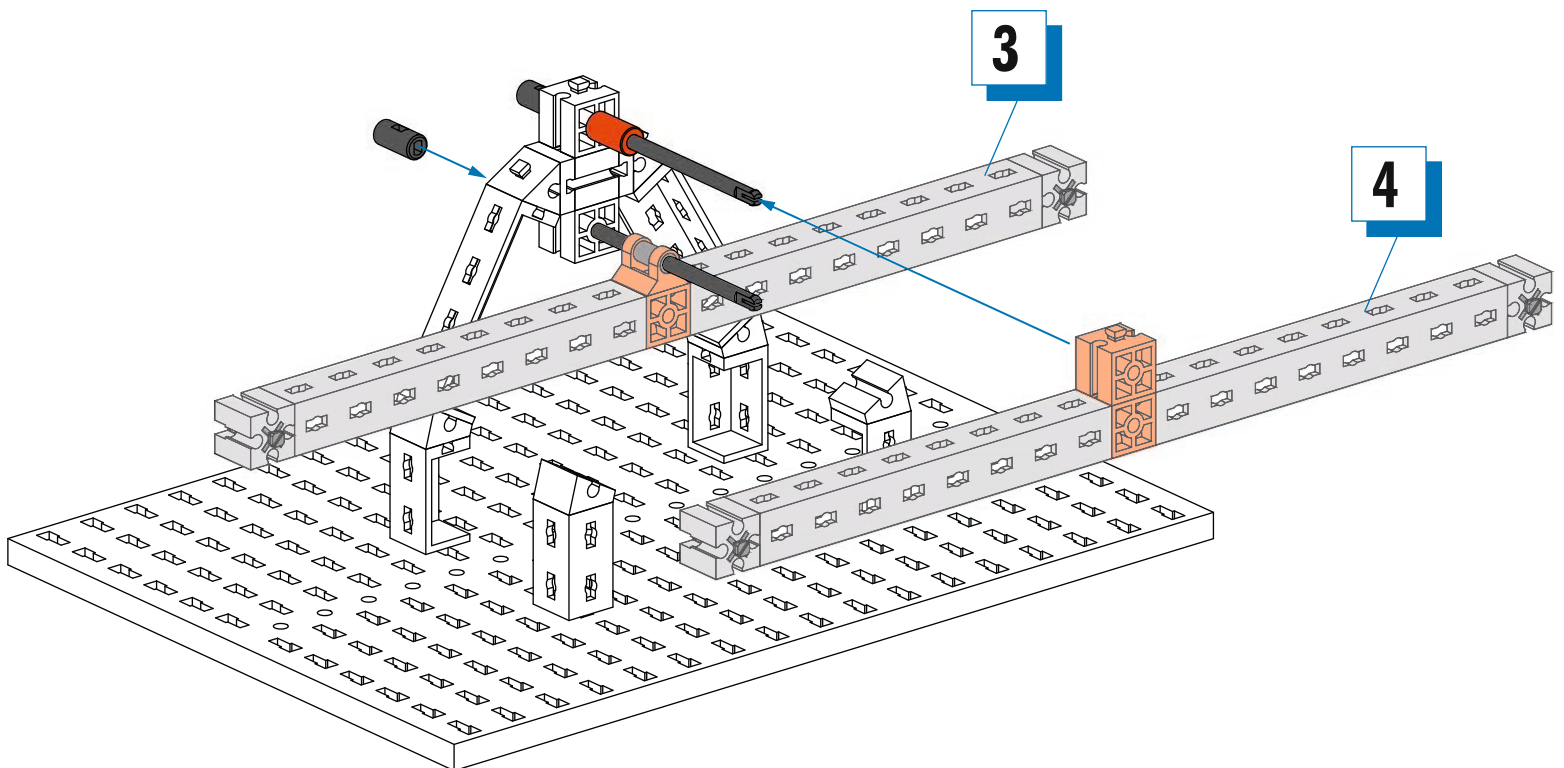
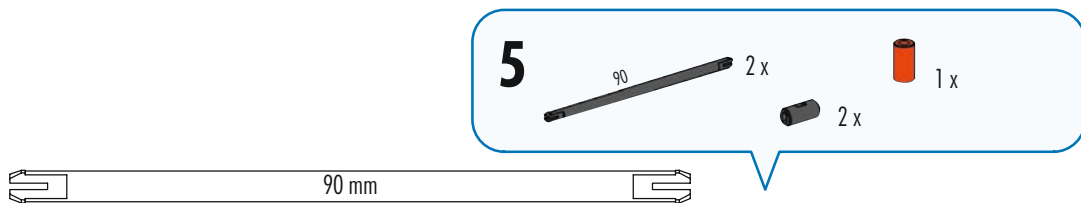
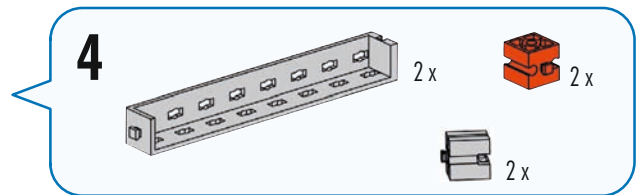
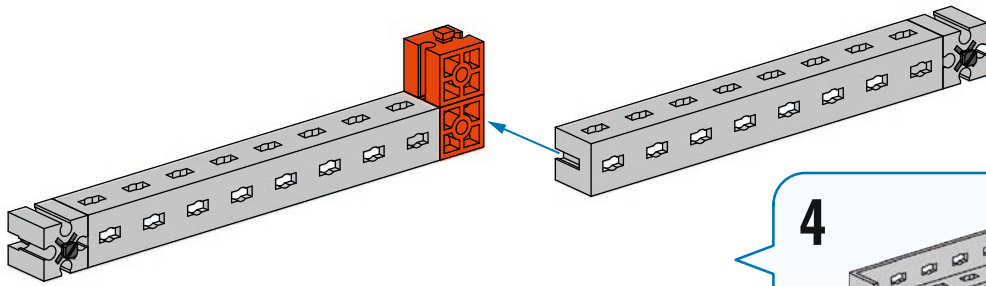
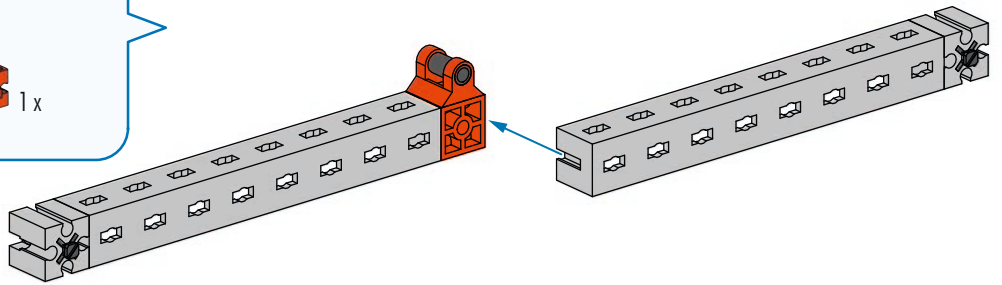
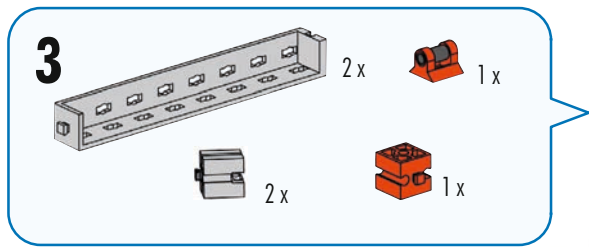


2 x

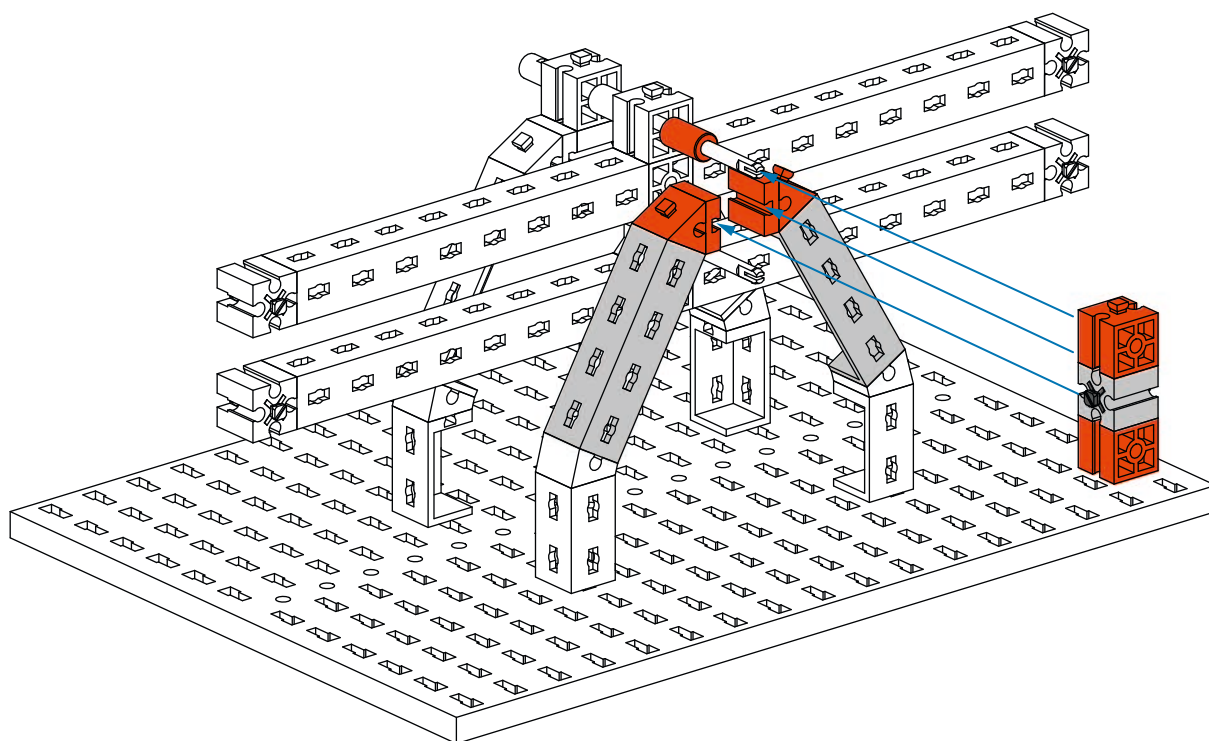
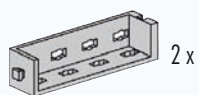


1 x

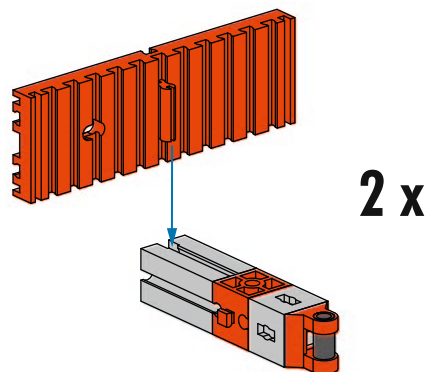
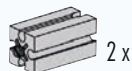
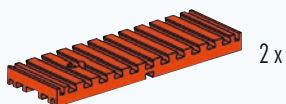




6



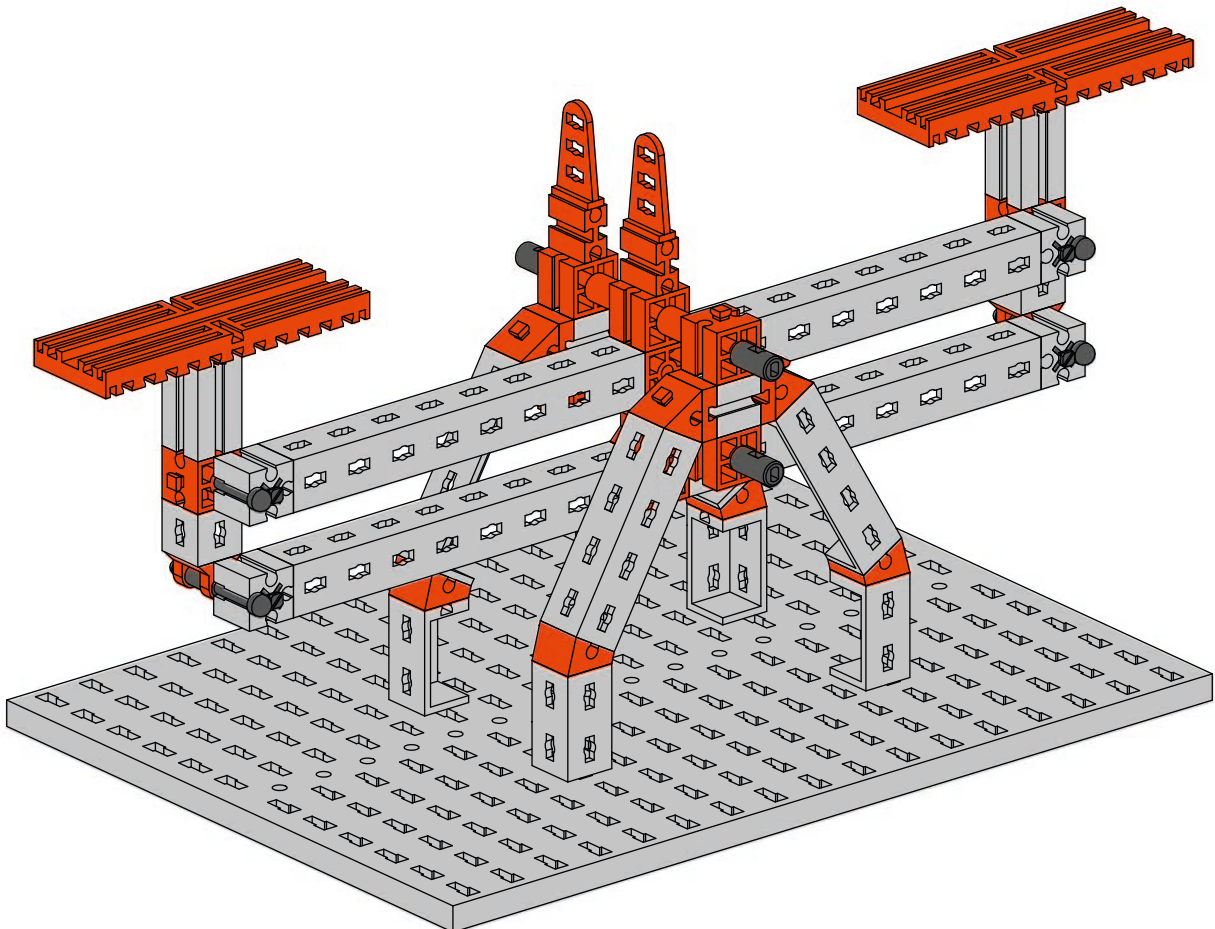
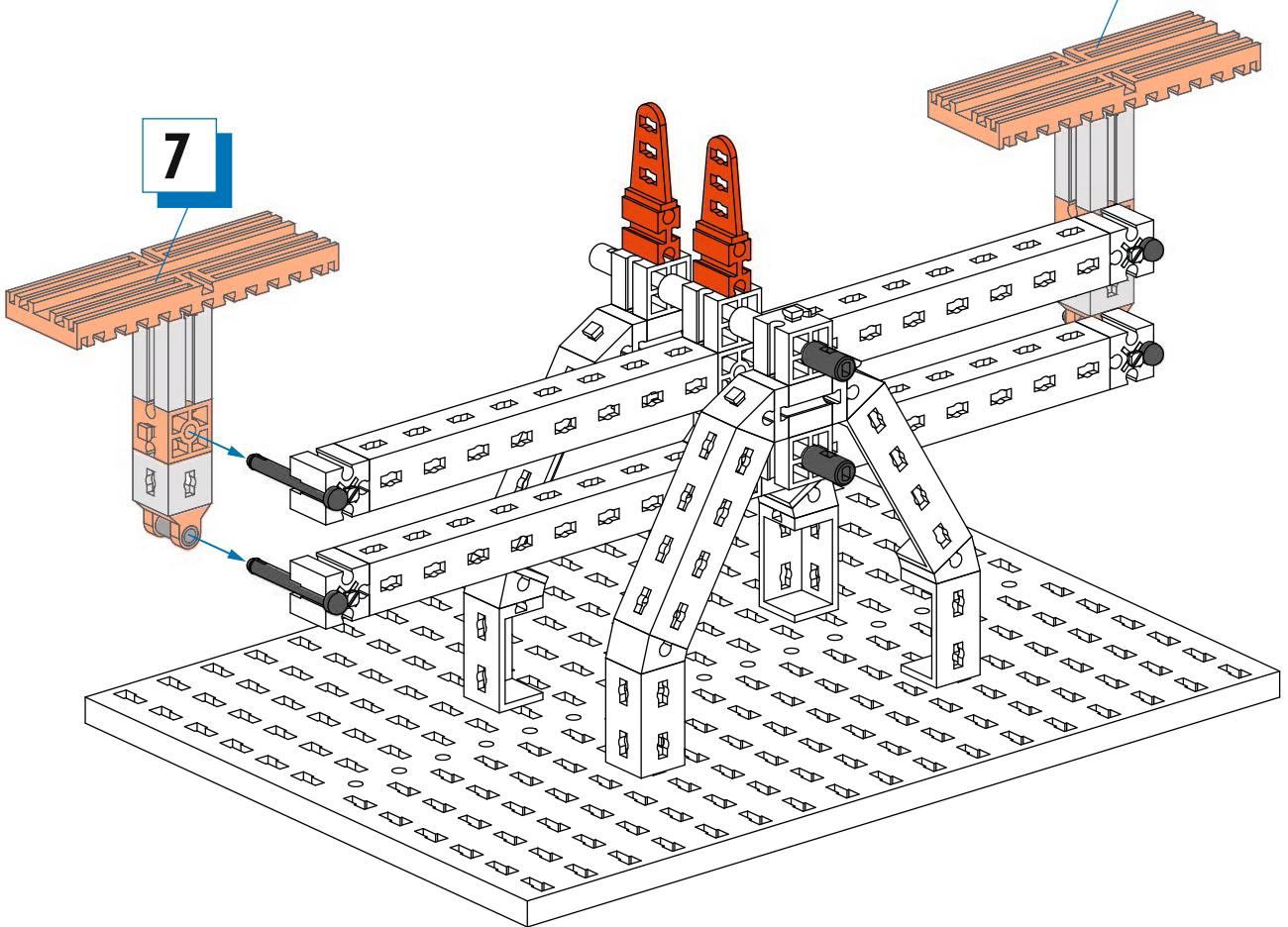
7

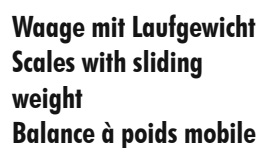


8 4x 2x 2x 2x

7

7

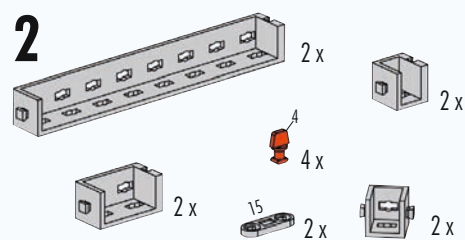
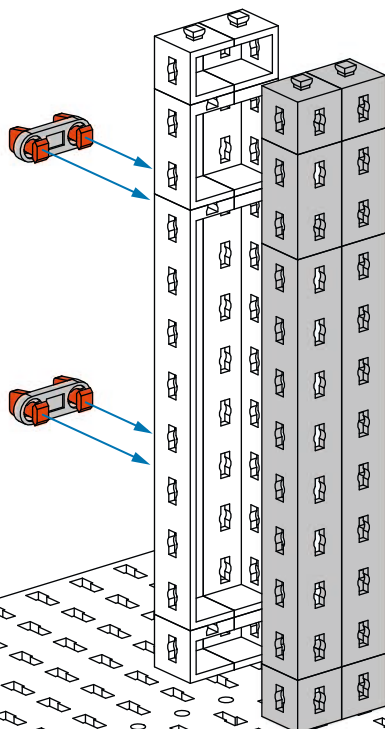
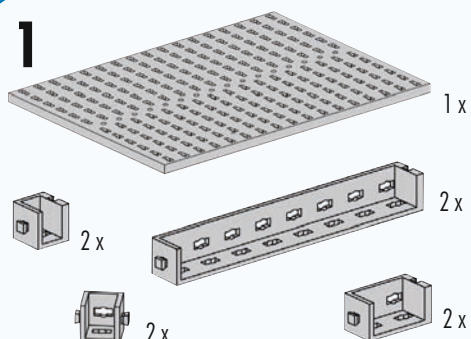




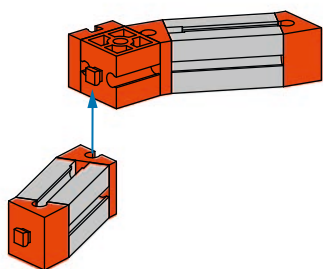
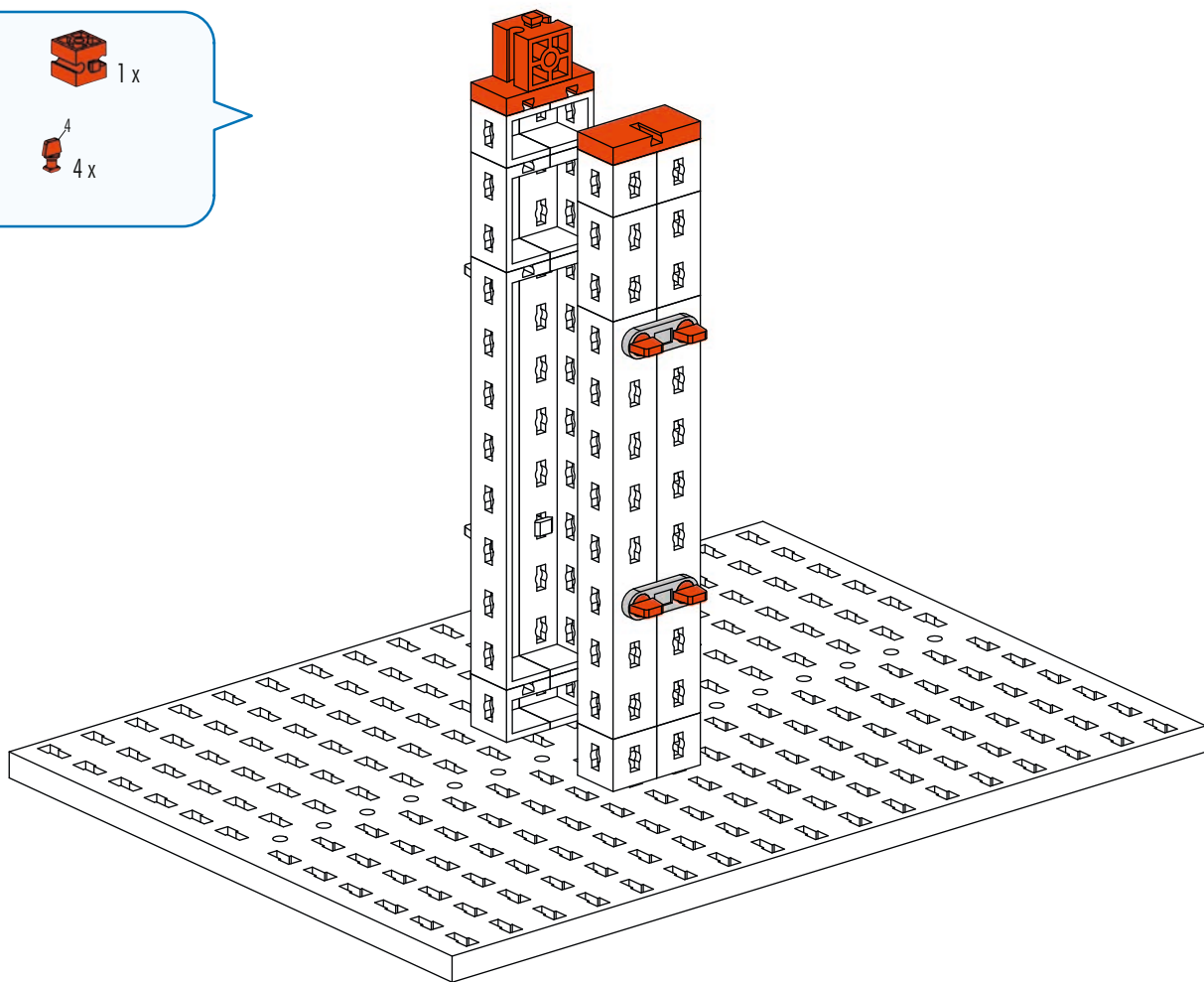
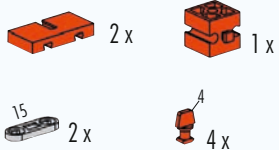
Waage mit Laufgewicht
Scales with sliding
weight
Balance à poids mobile

**Weegschaal met schuif-
gewicht**
Balanza con pesa corrediza
Balança com peso cursor

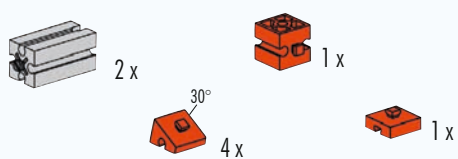
Bilancia con cursore
Весы с подвижным
грузом
带滑动秤锤的天平



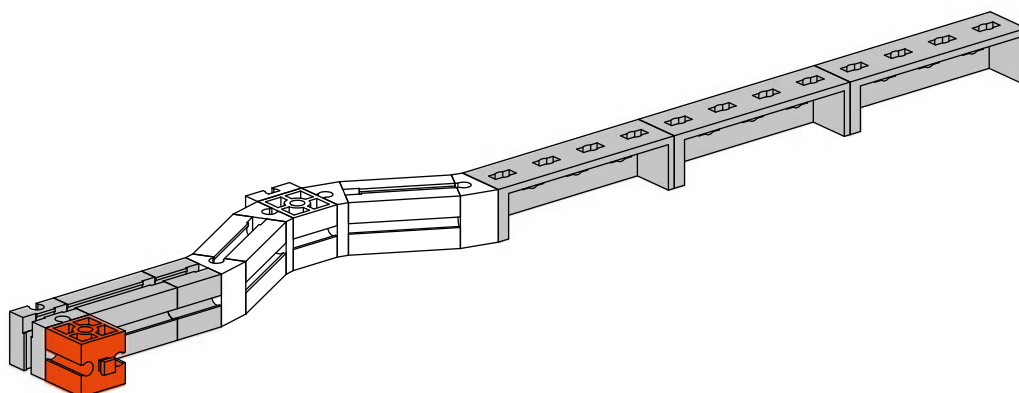
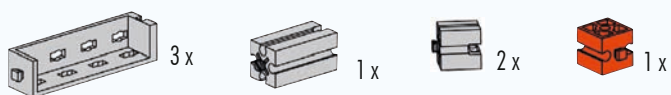
3



4



5



6

75 1x

1x

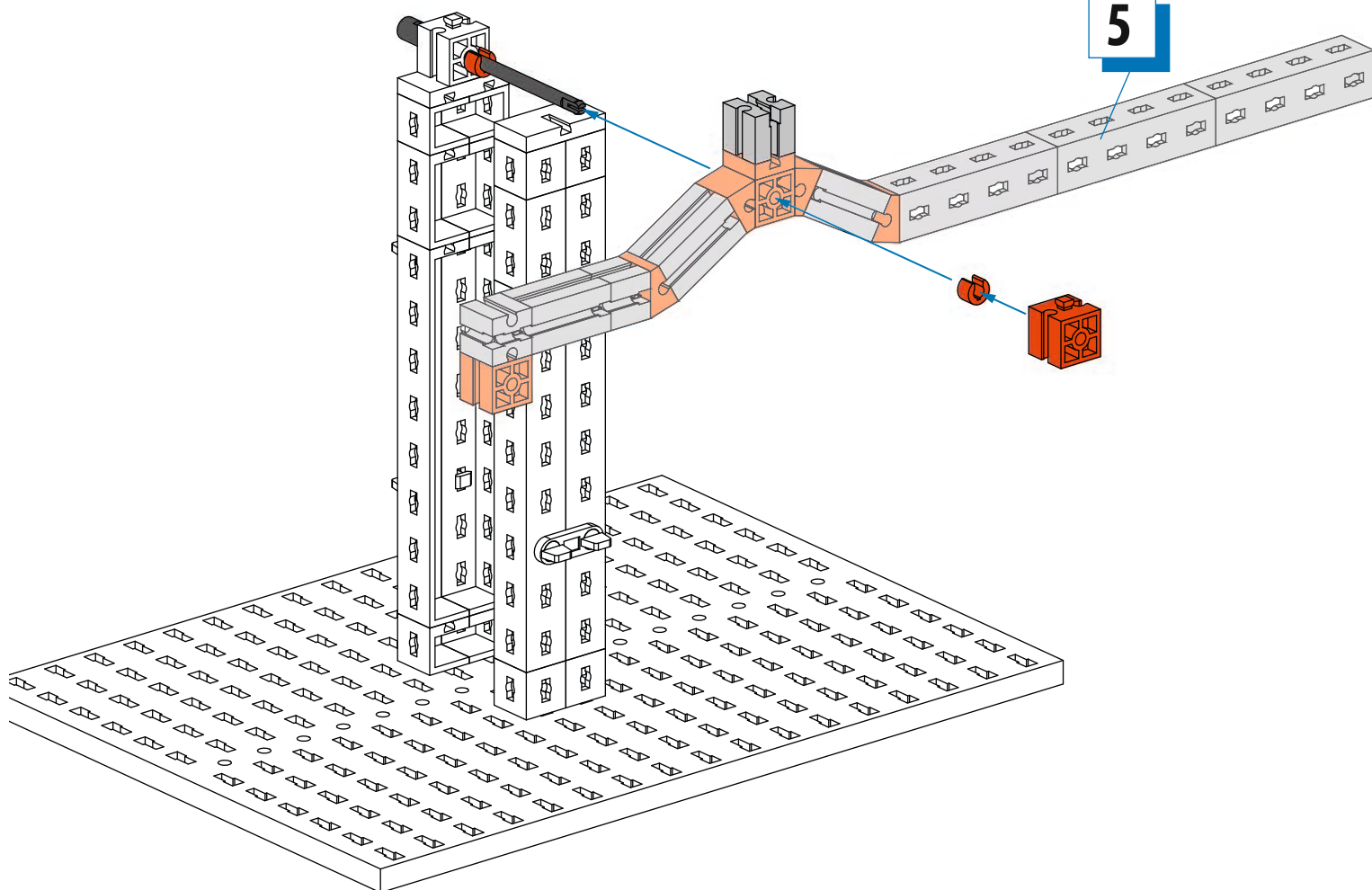
1x

1x

2x

75 mm

5



7

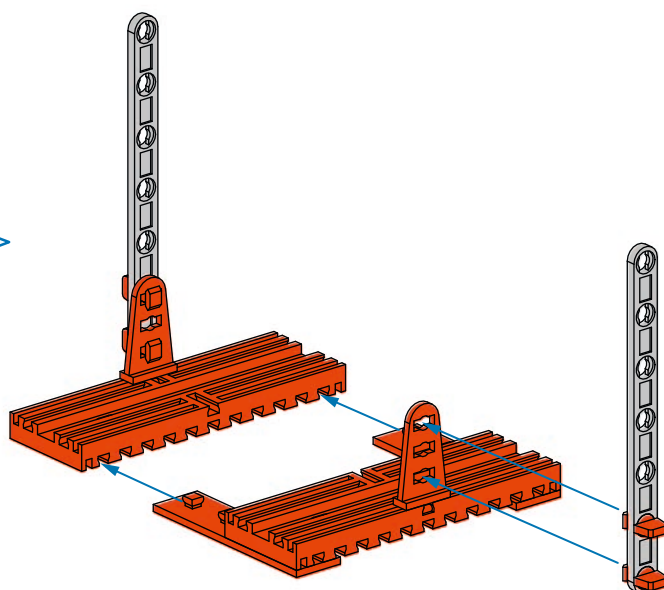
2x

2x

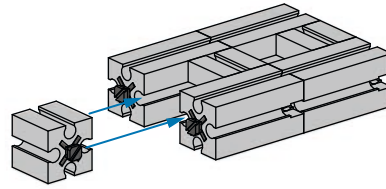
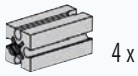
90 2x

4x

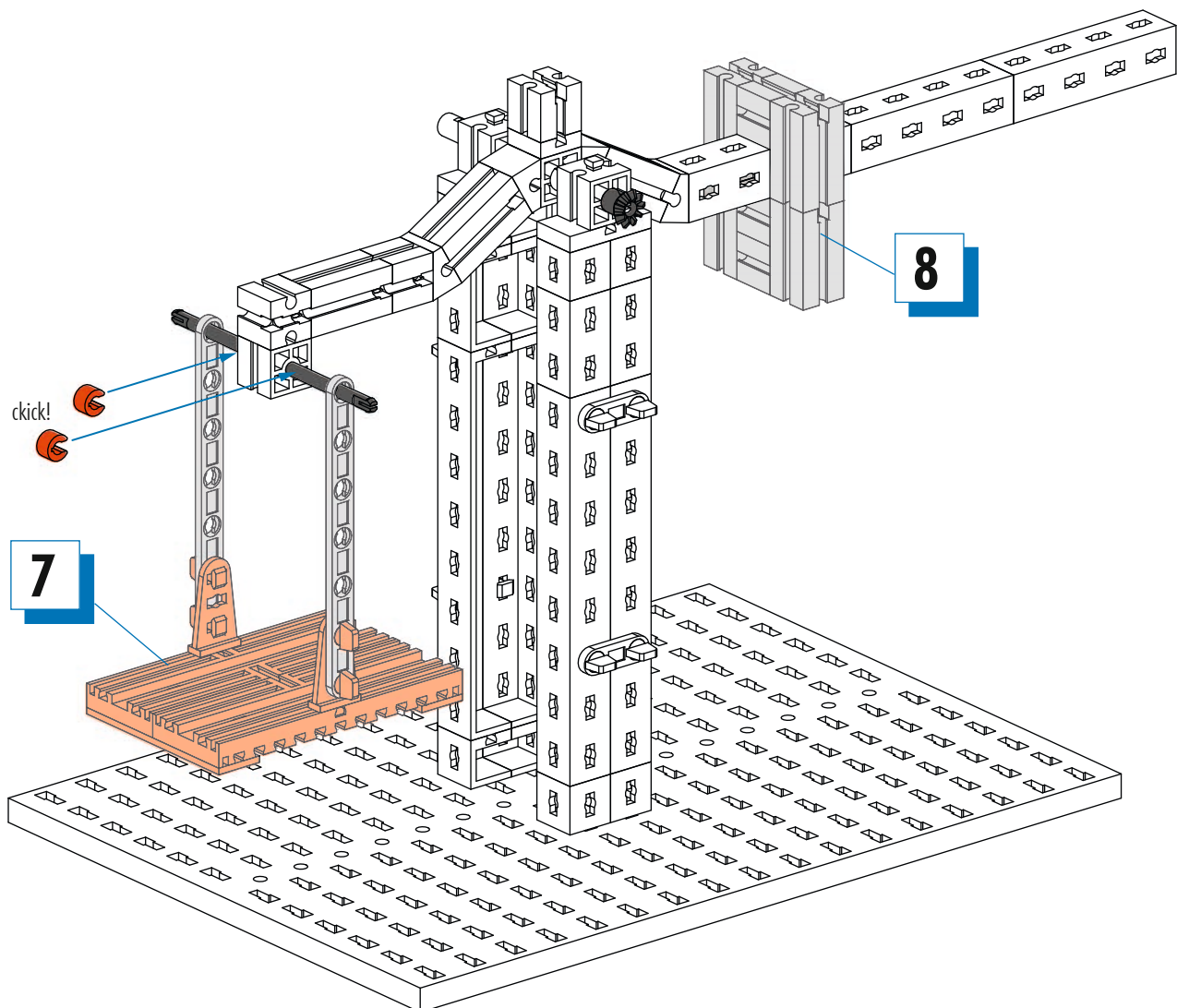
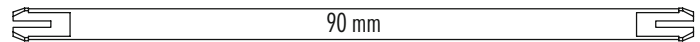
2x



8



9



ckick!

8

10

75

1 x

90

1 x

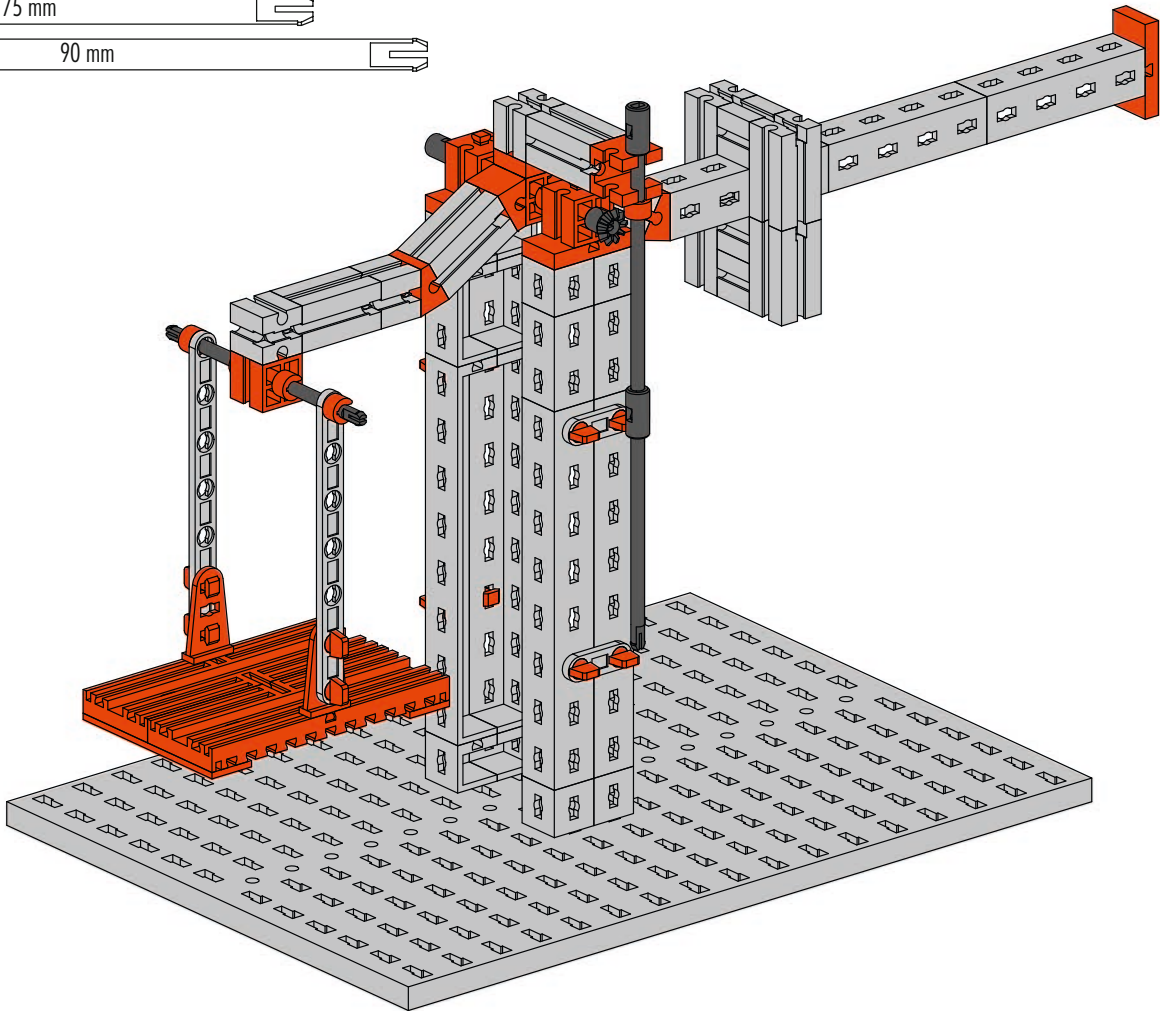
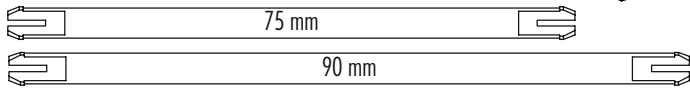
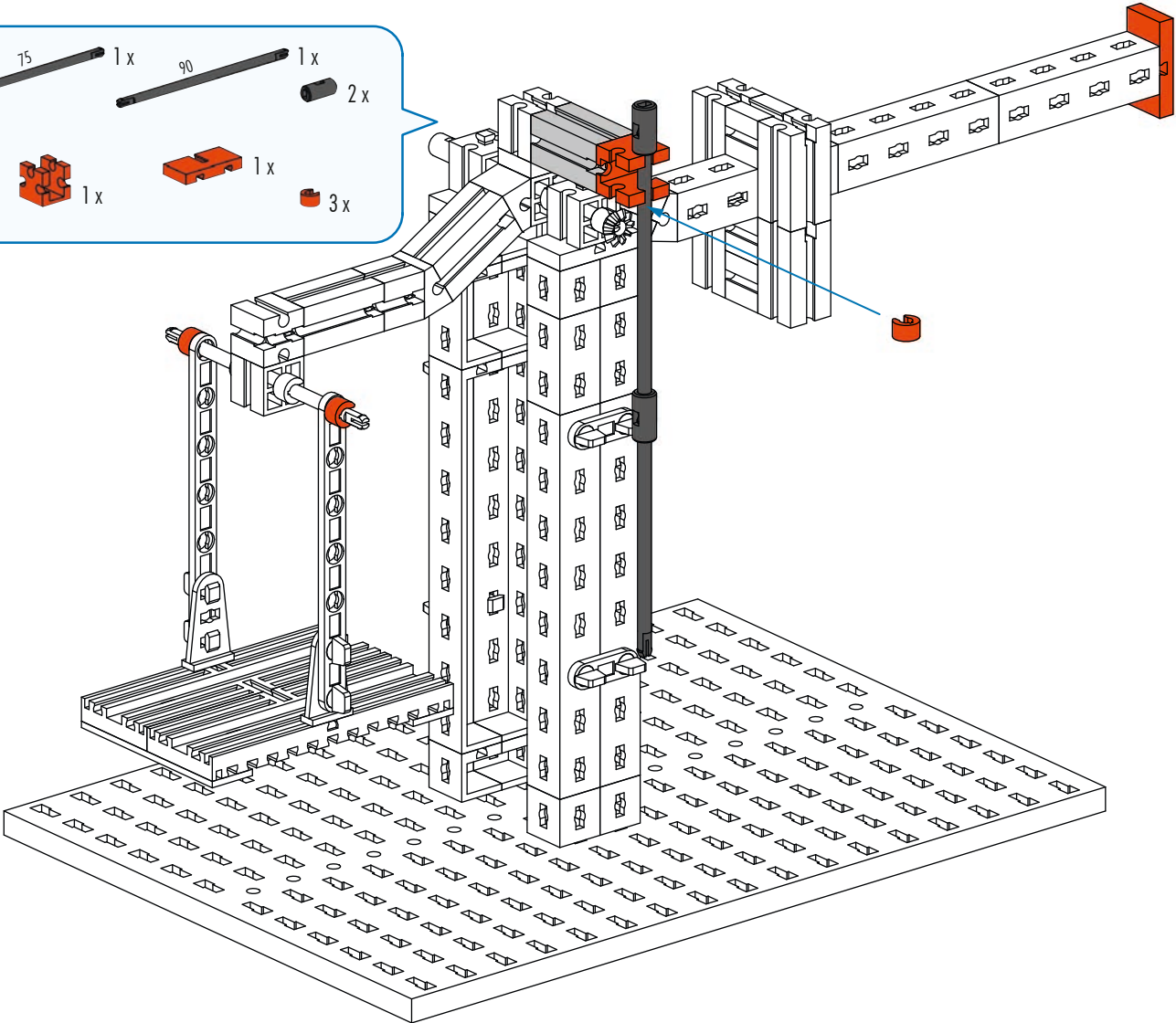
2 x

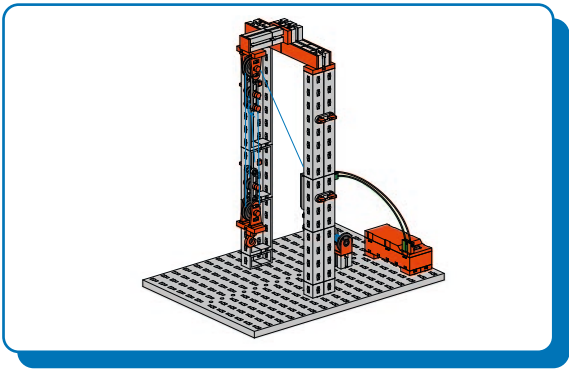
1 x

1 x

1 x

3 x

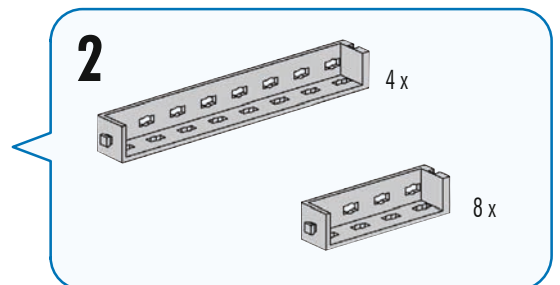
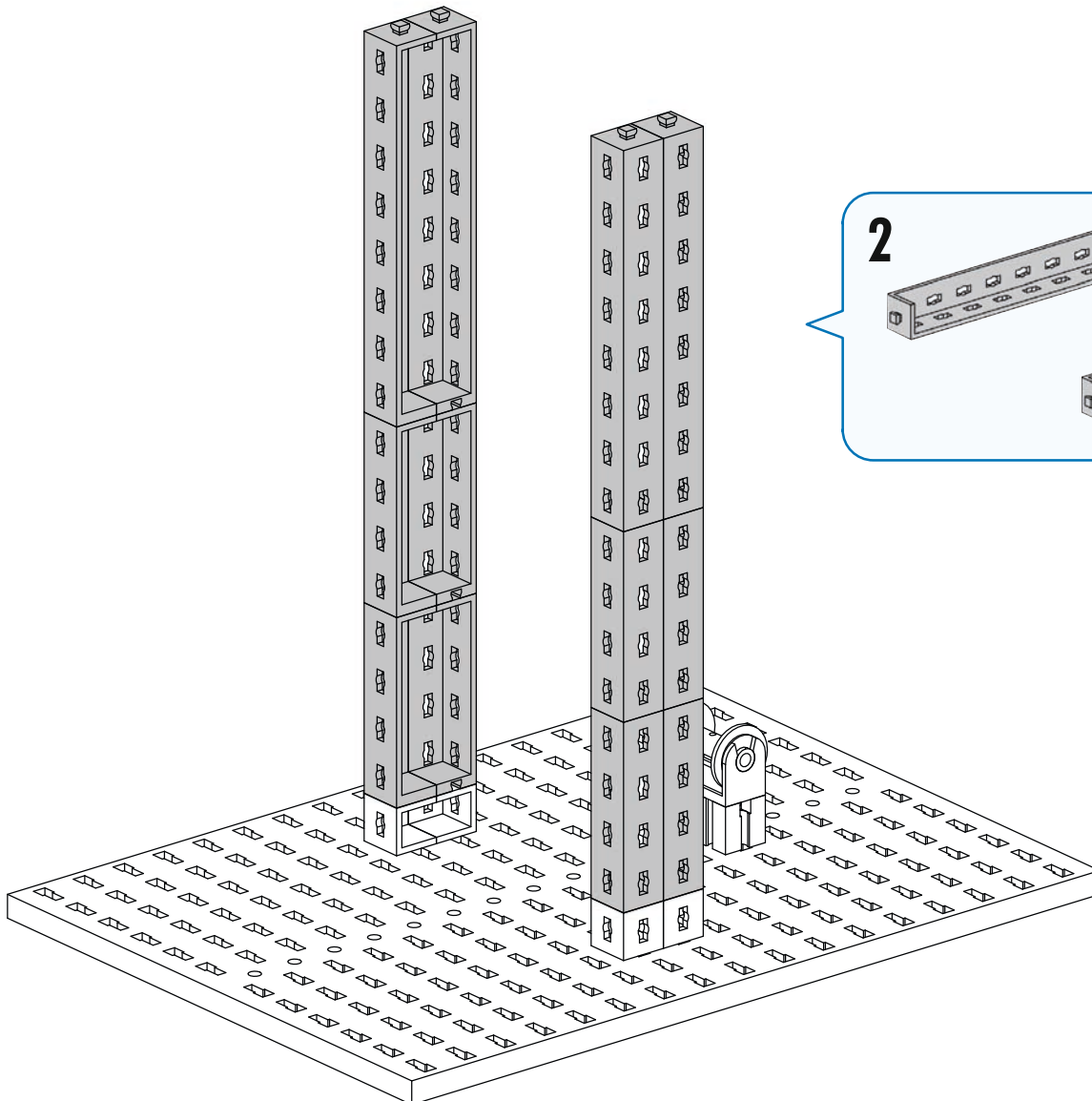
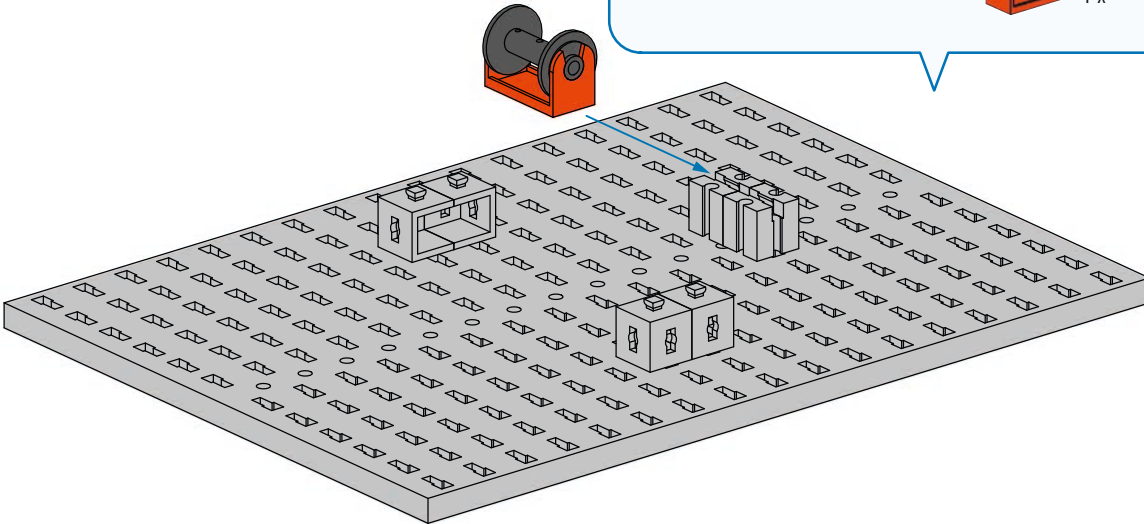
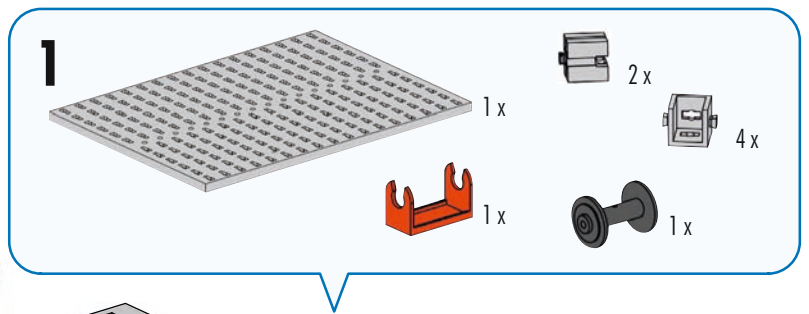


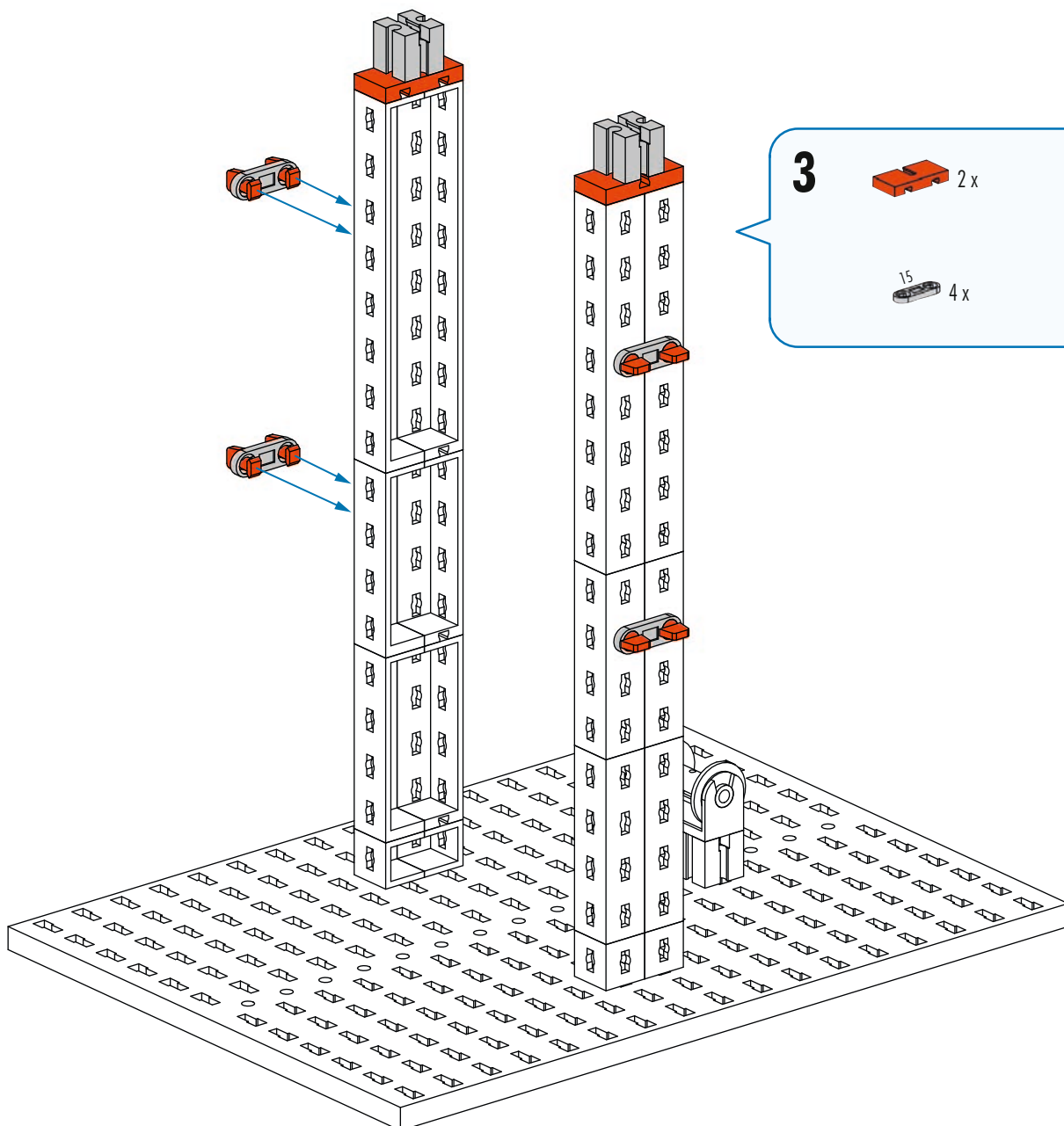


Flaschenzug
Lifting tackle
Palan

Takel
Polipasto
Talha

Paranco
Таль
滑轮组



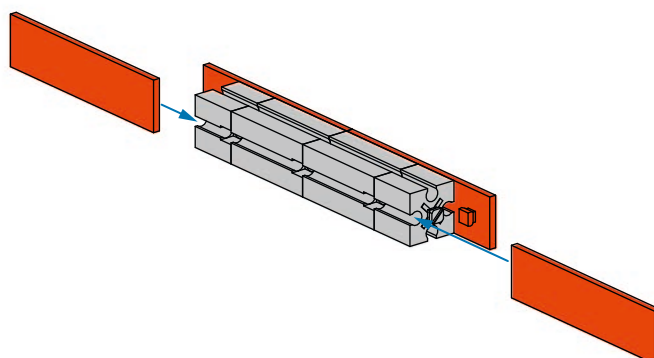


3

 2 x	 2 x
 4 x	 8 x

4

 2 x	 1 x
 4 x	 1 x



5



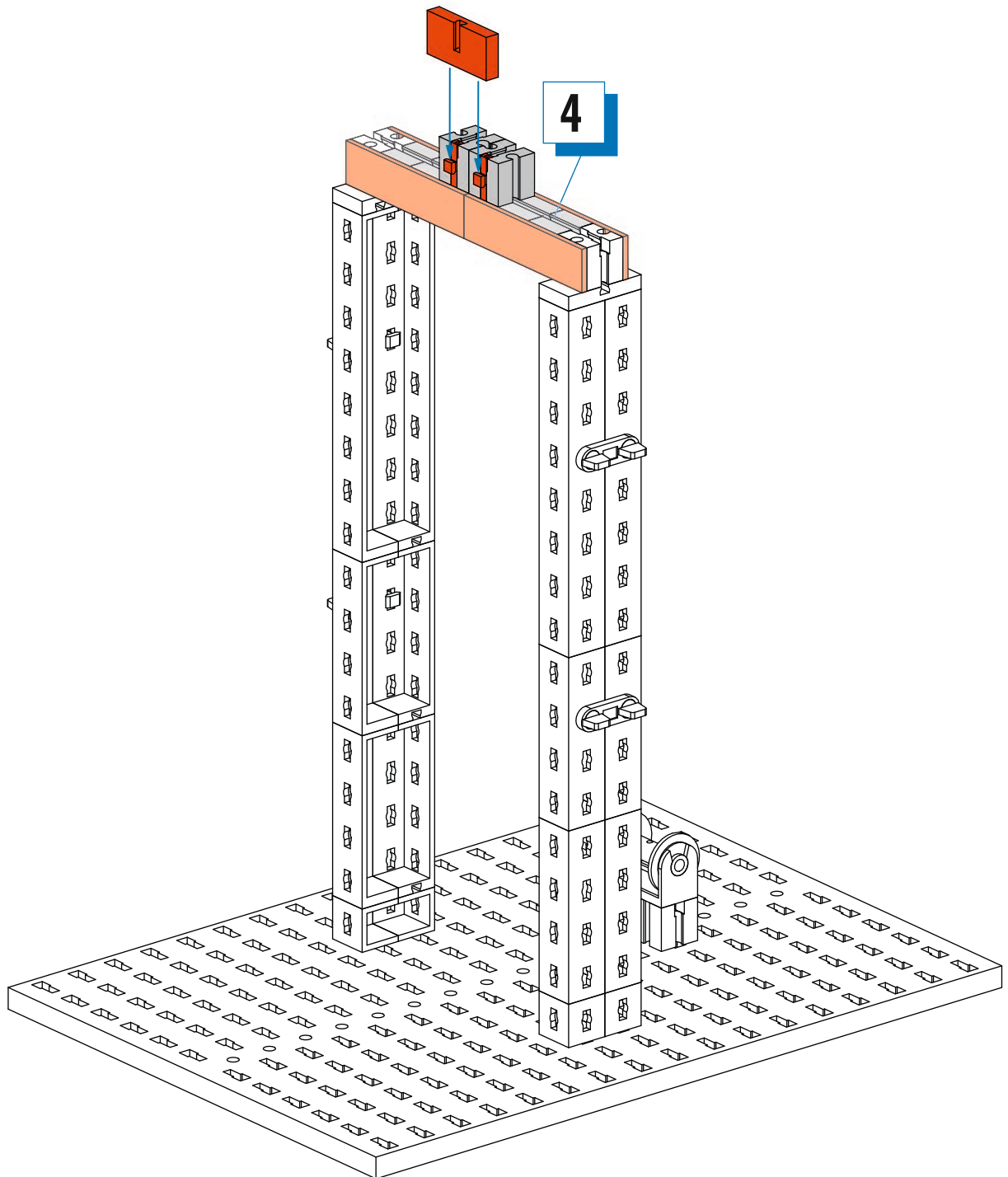
1 x

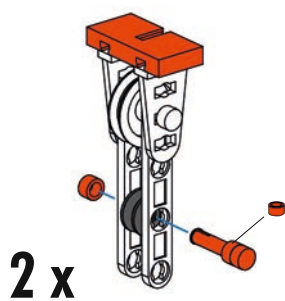
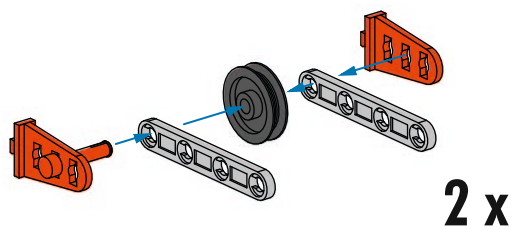
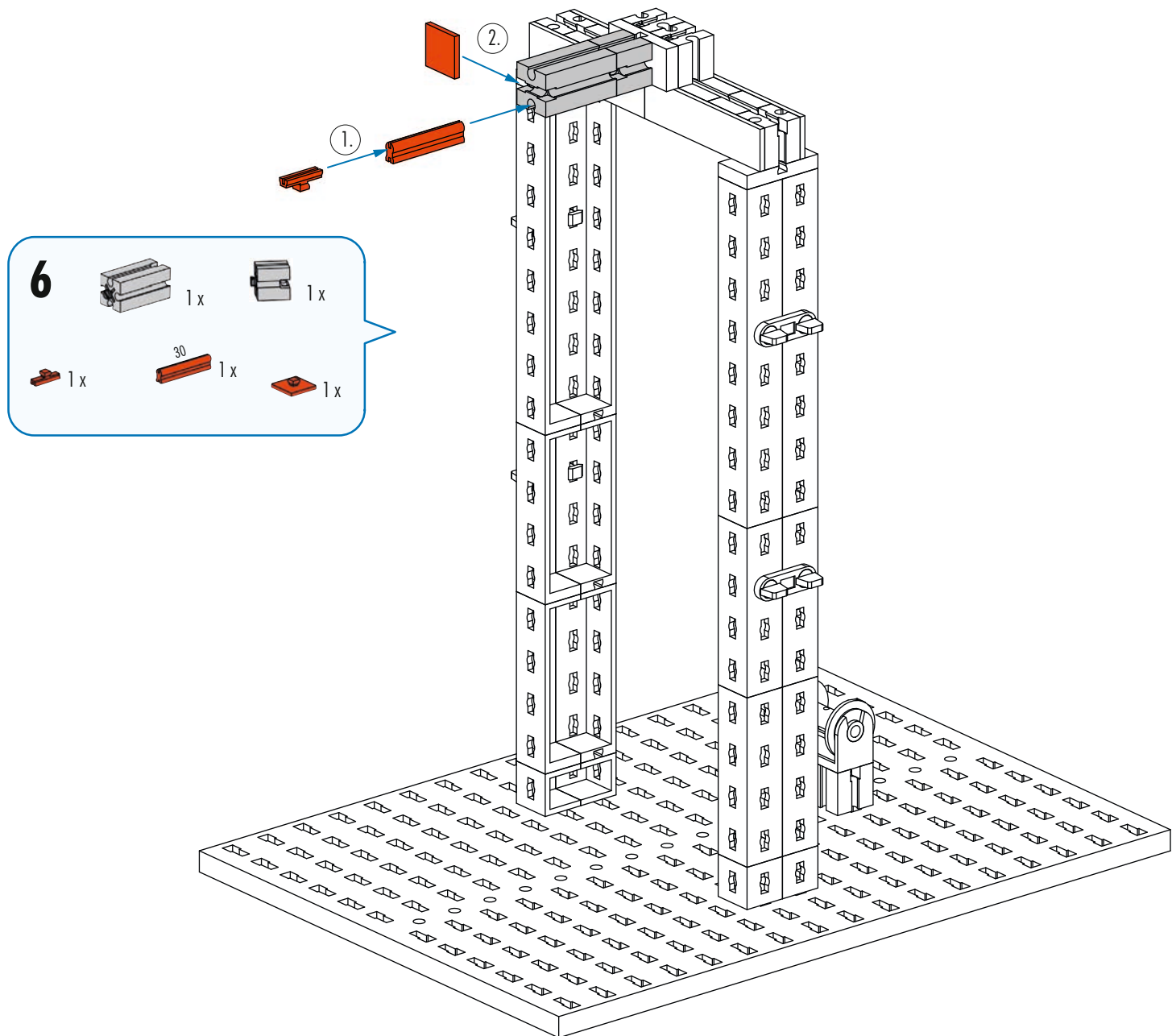


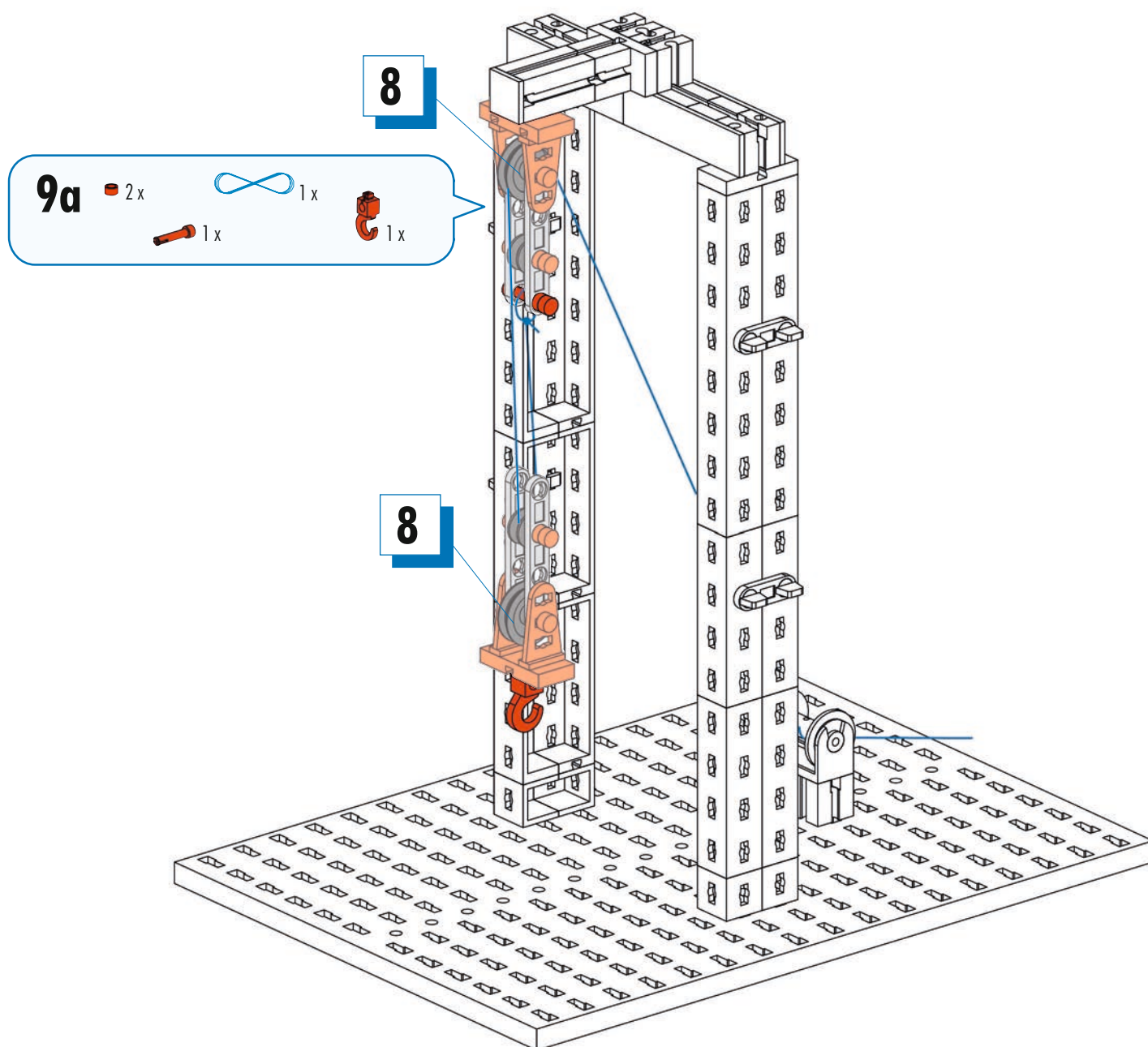
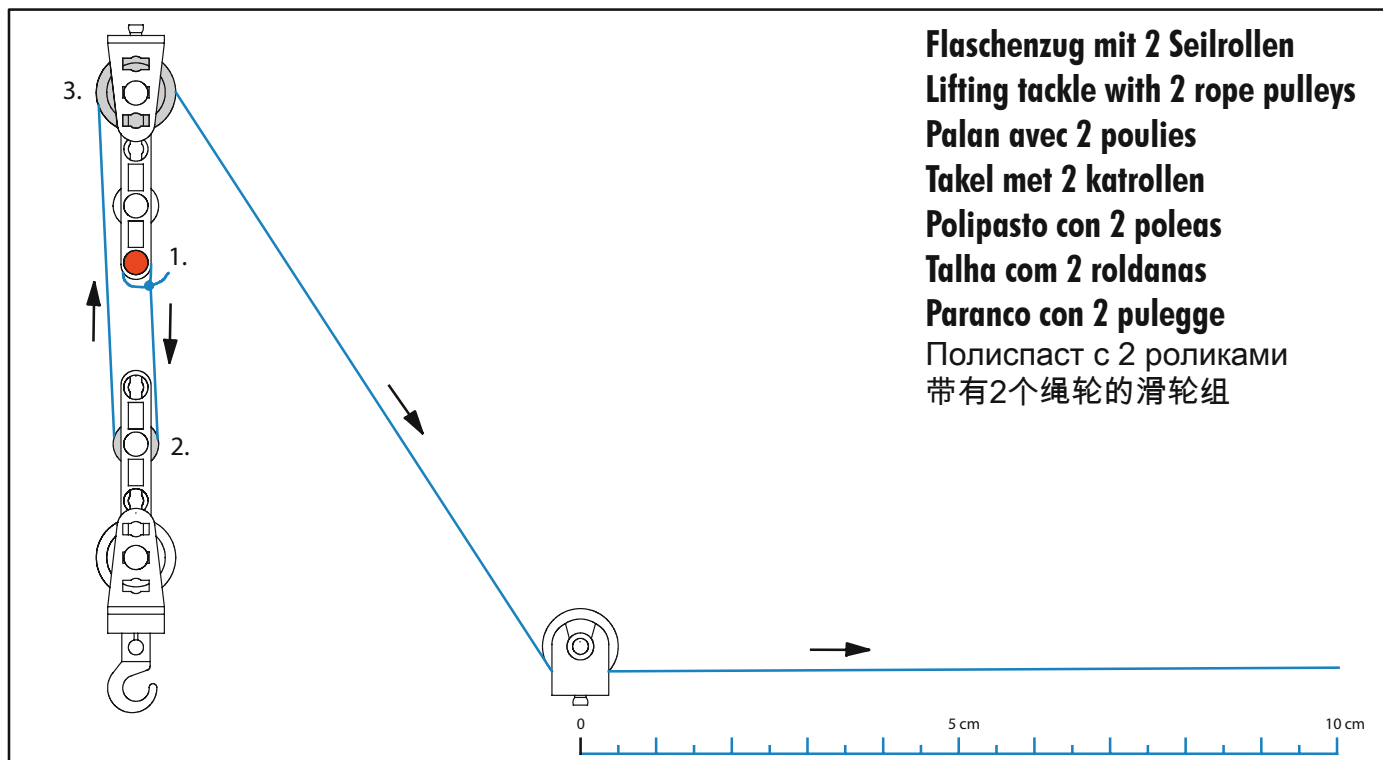
2 x

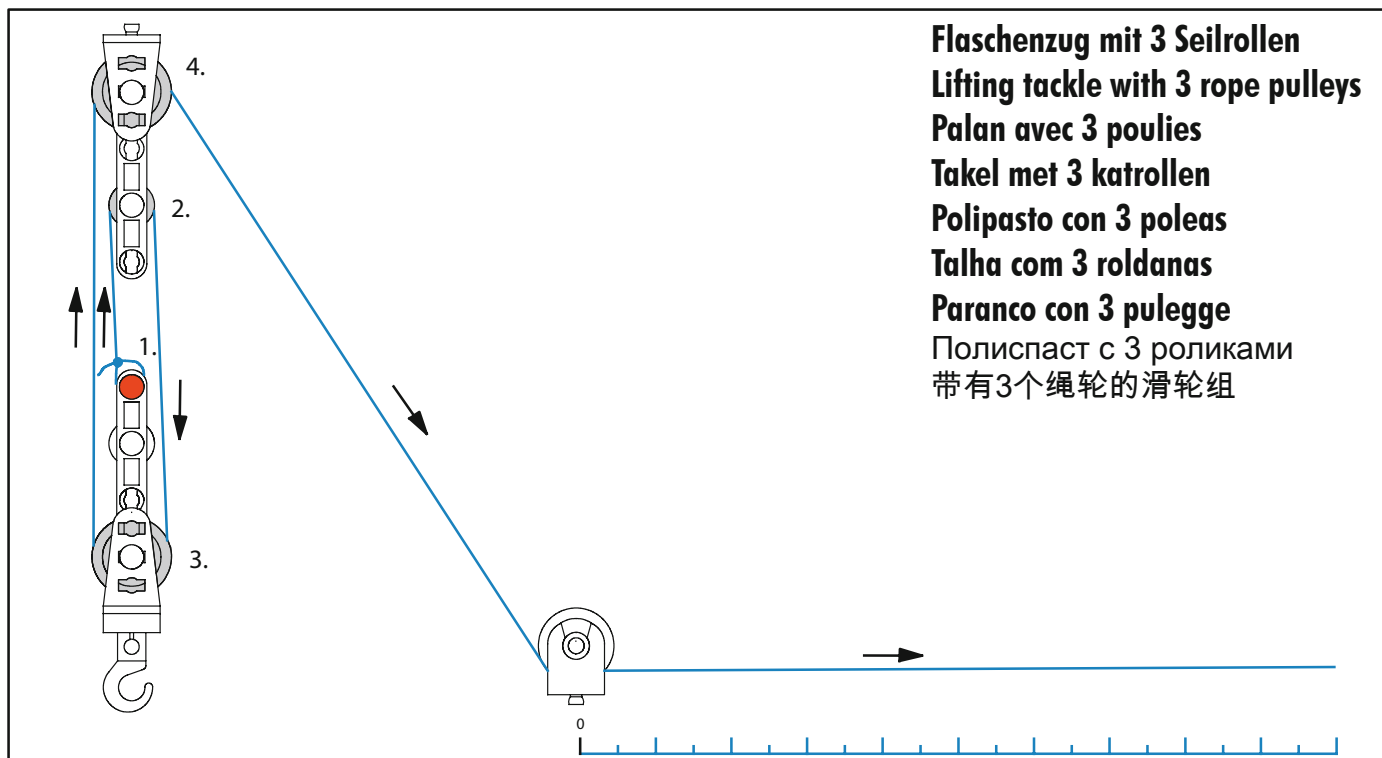


2 x







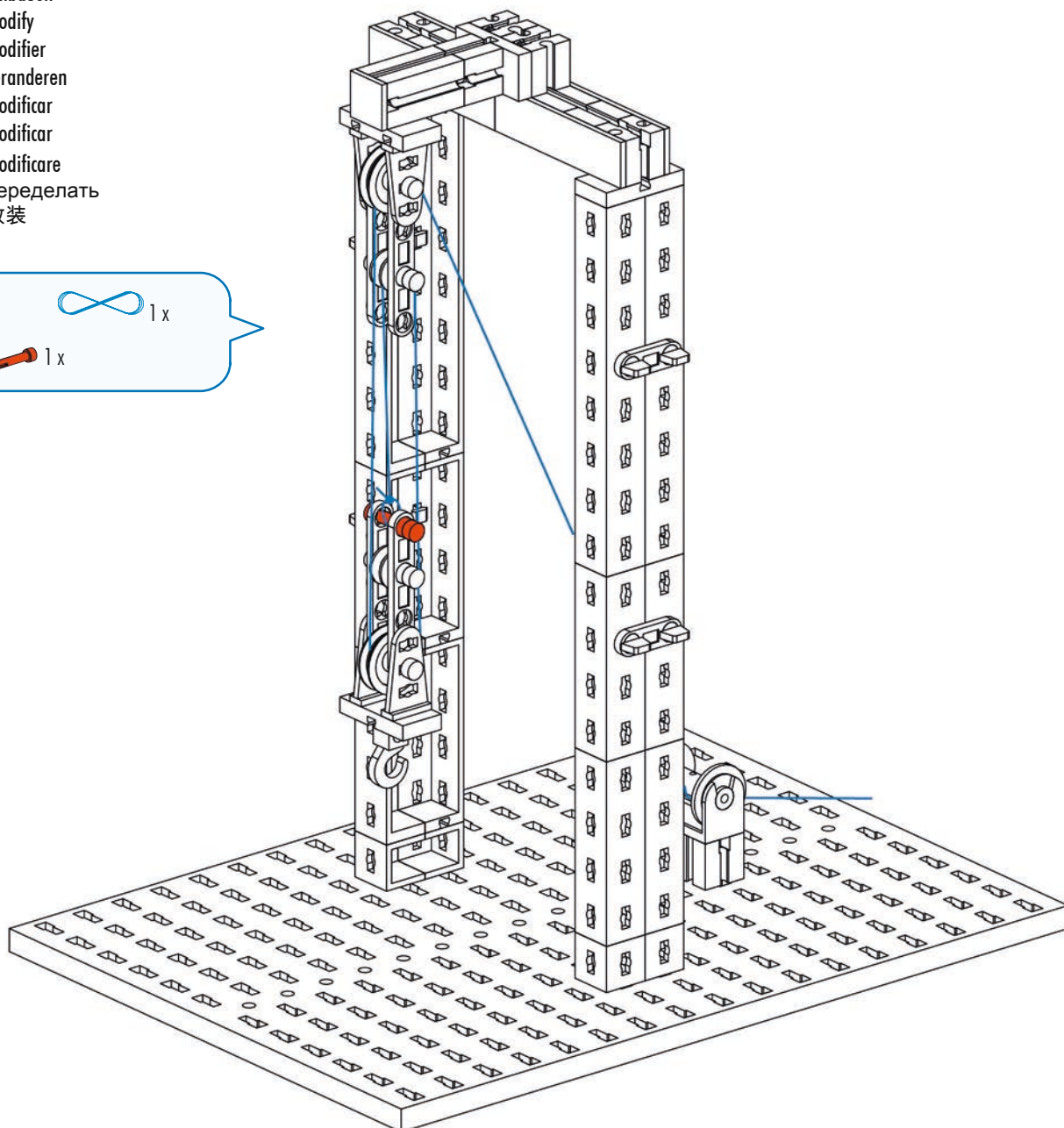


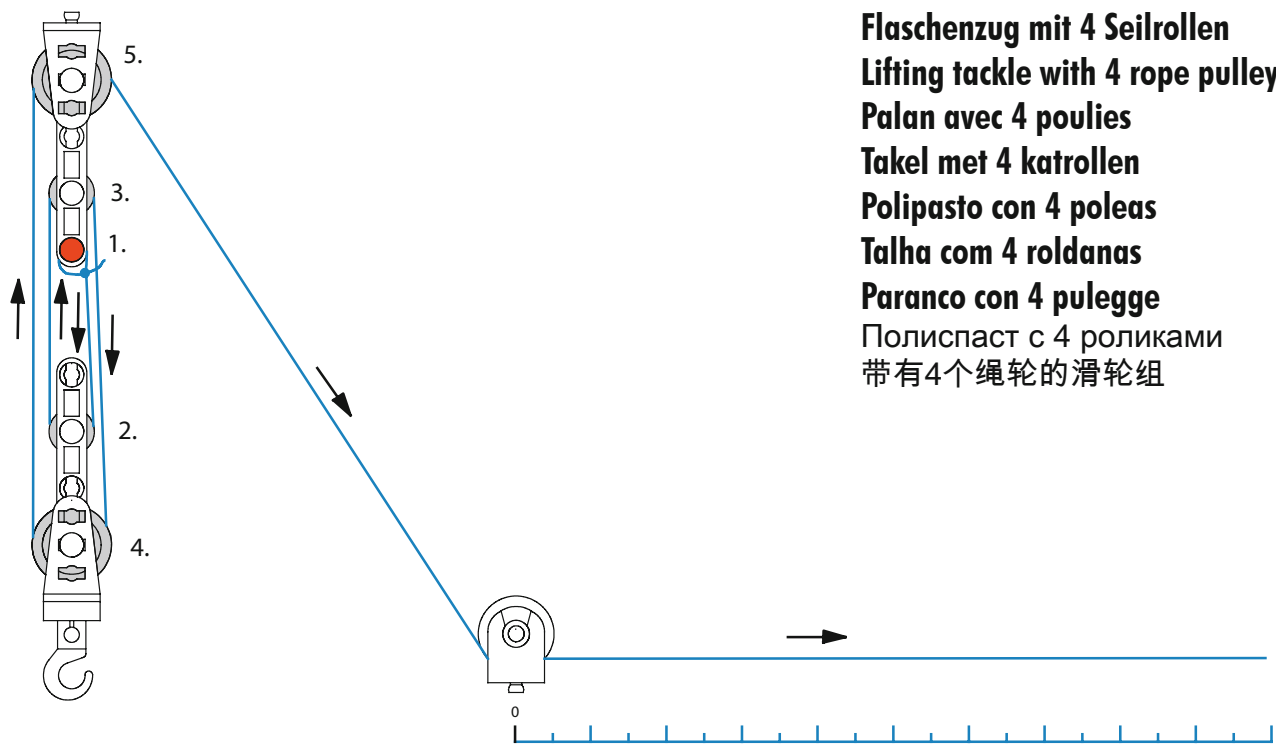
9a

umbauen
 modify
 modifier
 veranderen
 modificar
 modificar
 modificare
 переделать
 改装

9b

2 x
 1 x
 1 x





Flaschenzug mit 4 Seilrollen
Lifting tackle with 4 rope pulleys
Palan avec 4 poulies
Takel met 4 katrollen
Polipasto con 4 poleas
Talha com 4 roldanas
Paranco con 4 pulegge
 Полиспаст с 4 роликами
 带有4个绳轮的滑轮组

9b

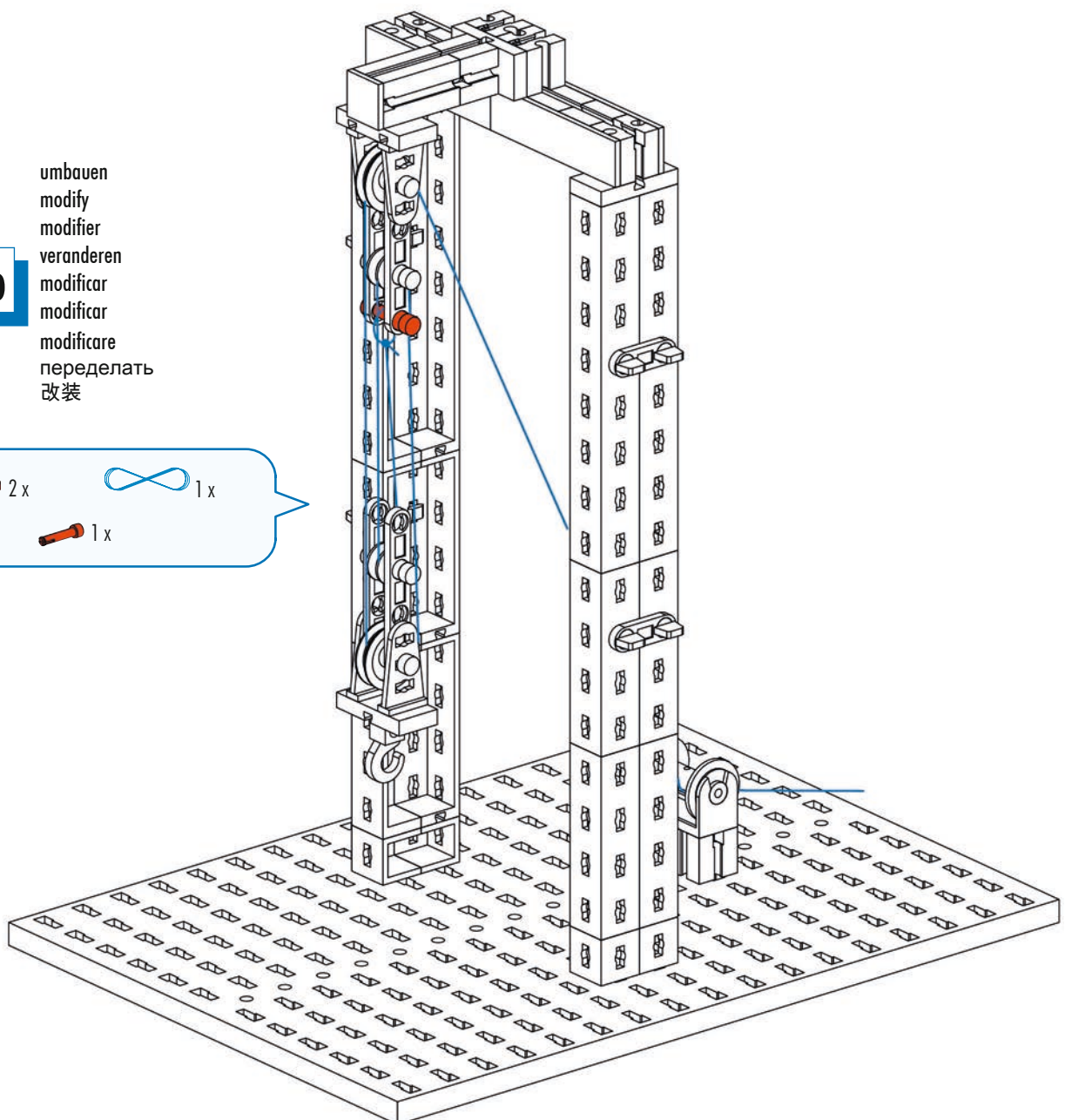
umbauen
 modify
 modifier
 veranderen
 modificar
 modificar
 modificare
 переделат
 改装

9c

2 x

1 x

1 x



Motorisierung
Motor unit
Motorisation

Motorisering
Motorización
Motorização

Motorizzazione
Моторизация
机动化

10

30

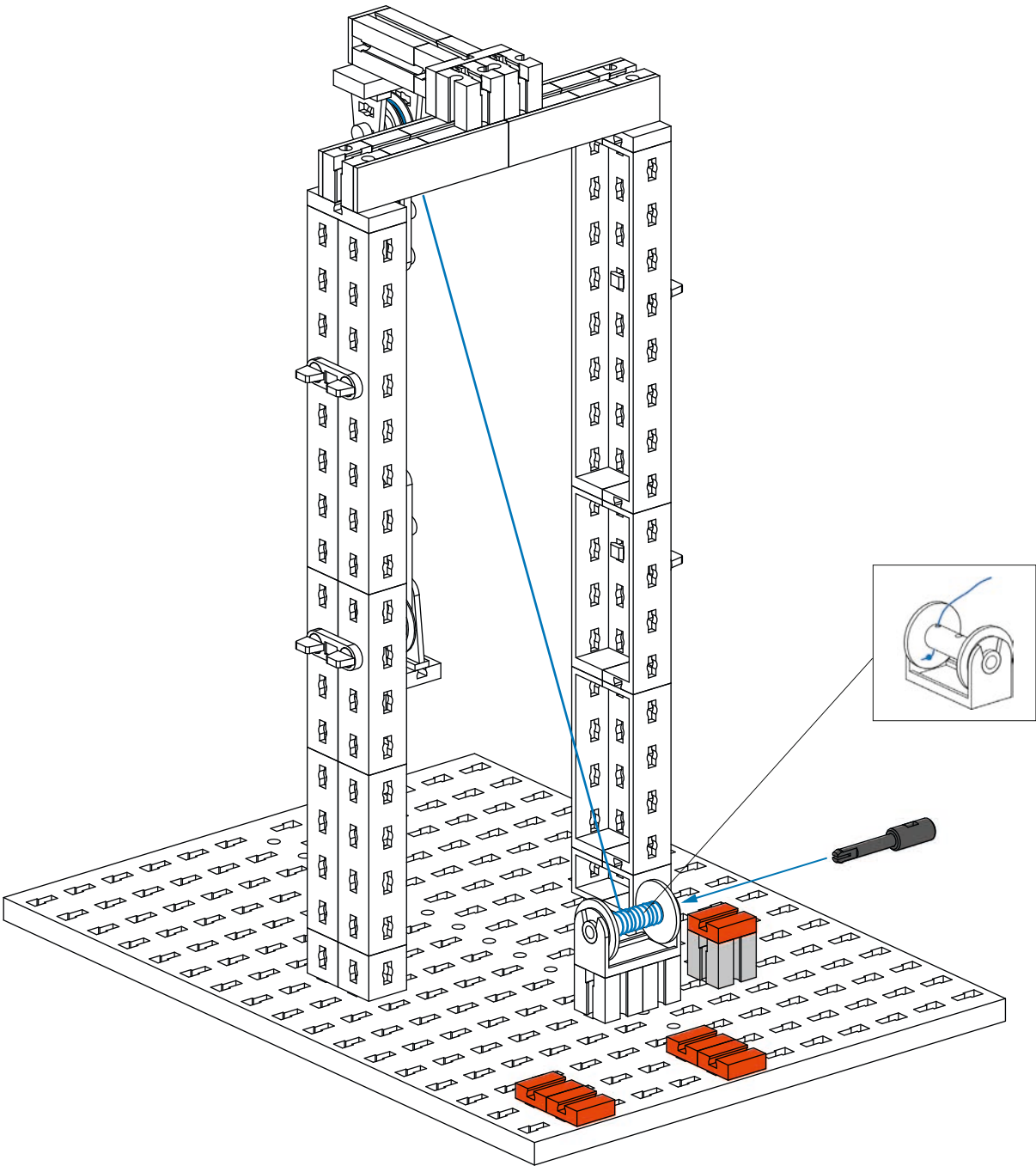
1 x

1 x

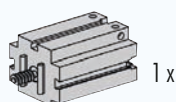
1 x

5 x

30 mm



12



1x

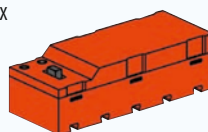


1x

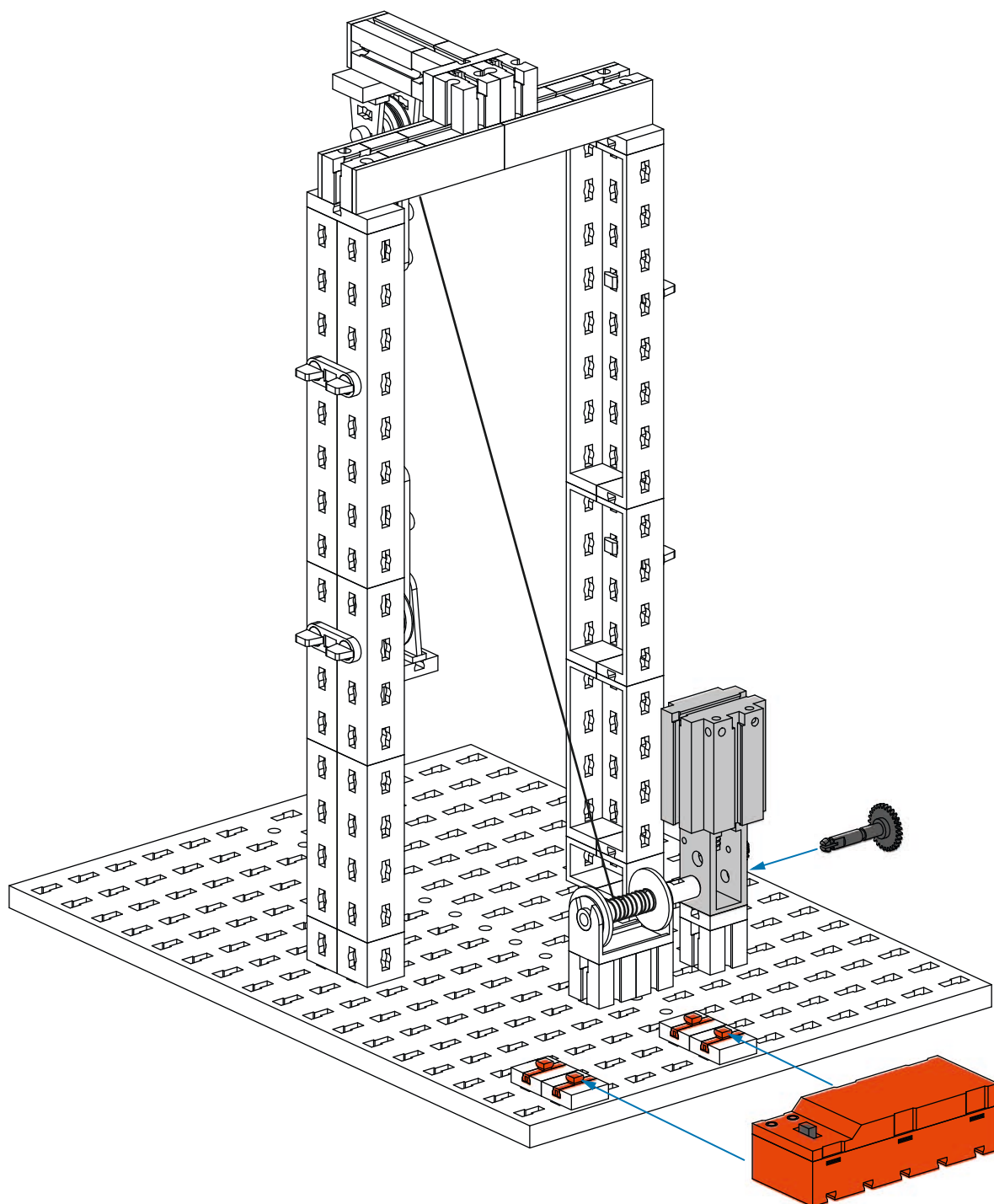


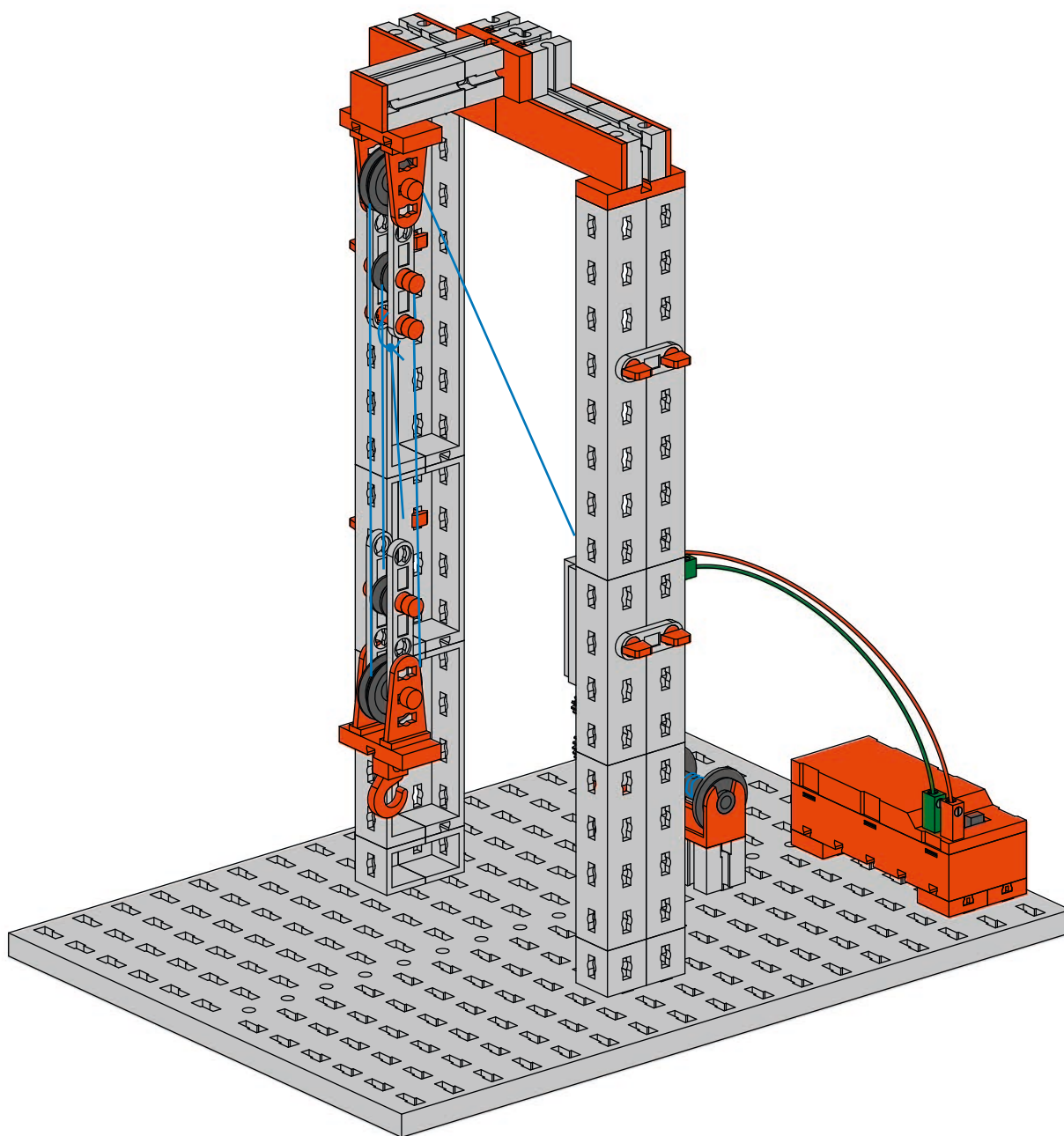
1x

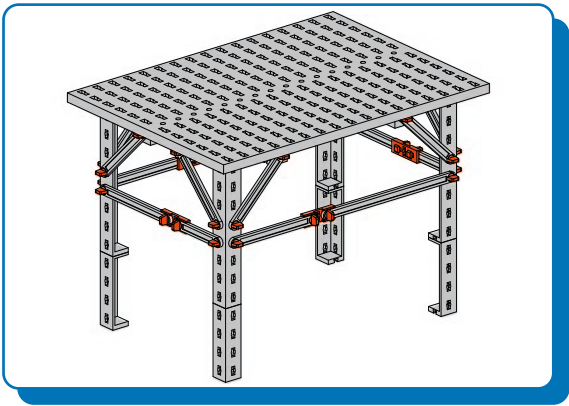
4x



1x



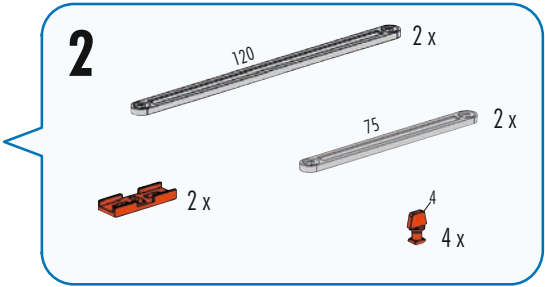
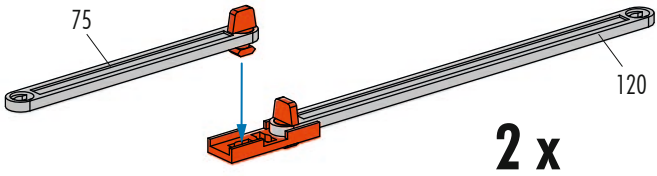
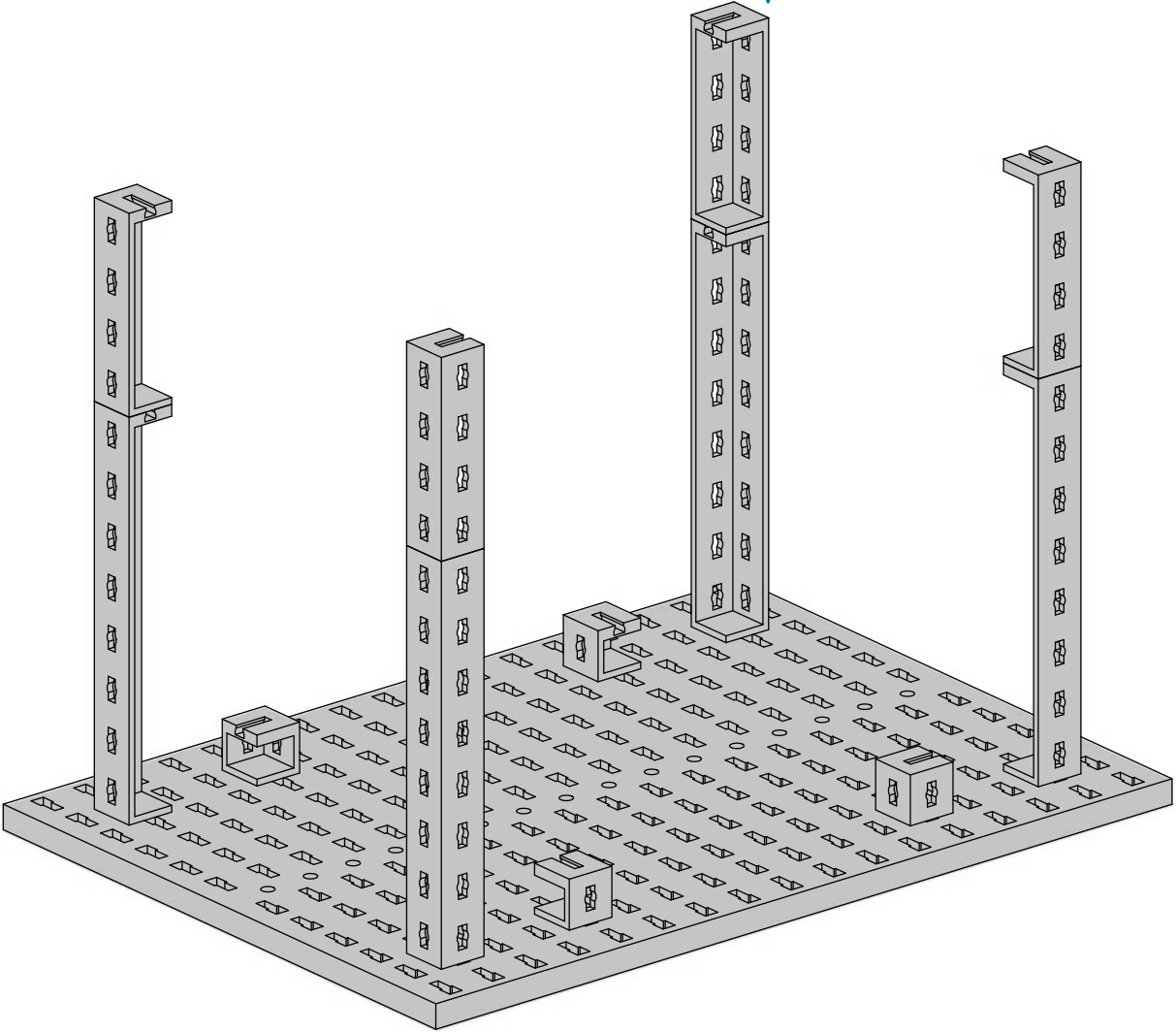
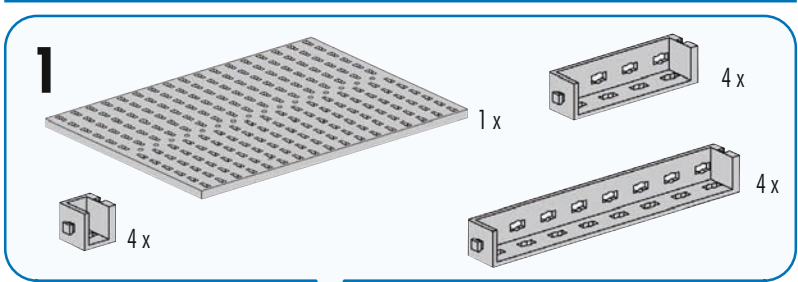


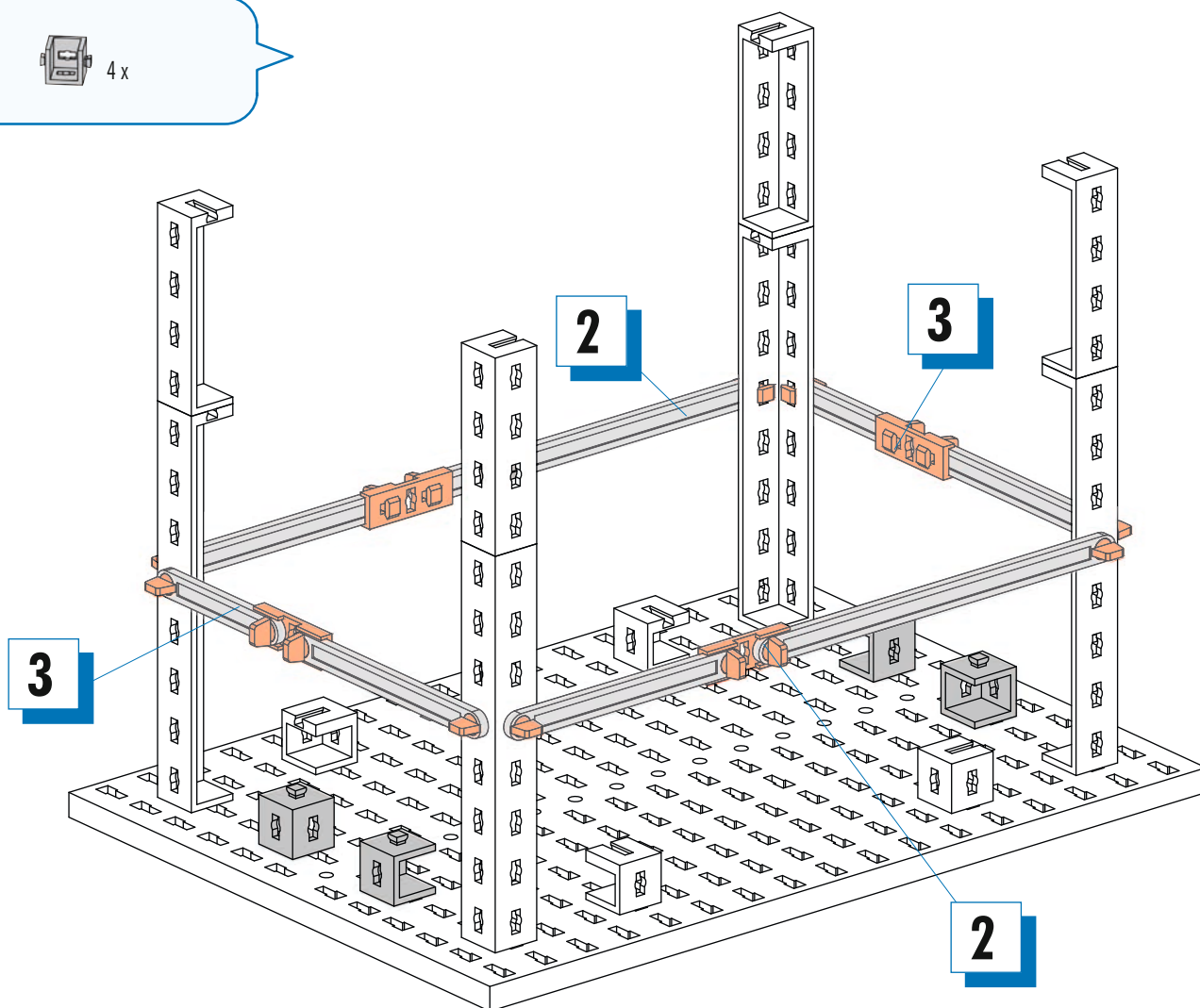
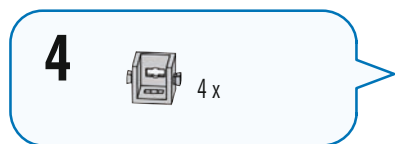
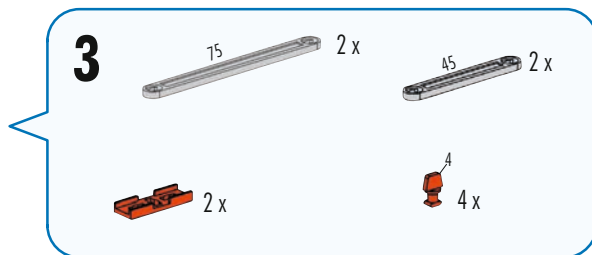
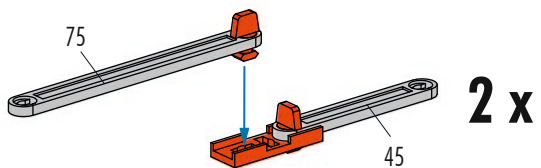


Tisch
Table
Table

Tafel
Mesa
Mesa

Tavola
Стол
工作

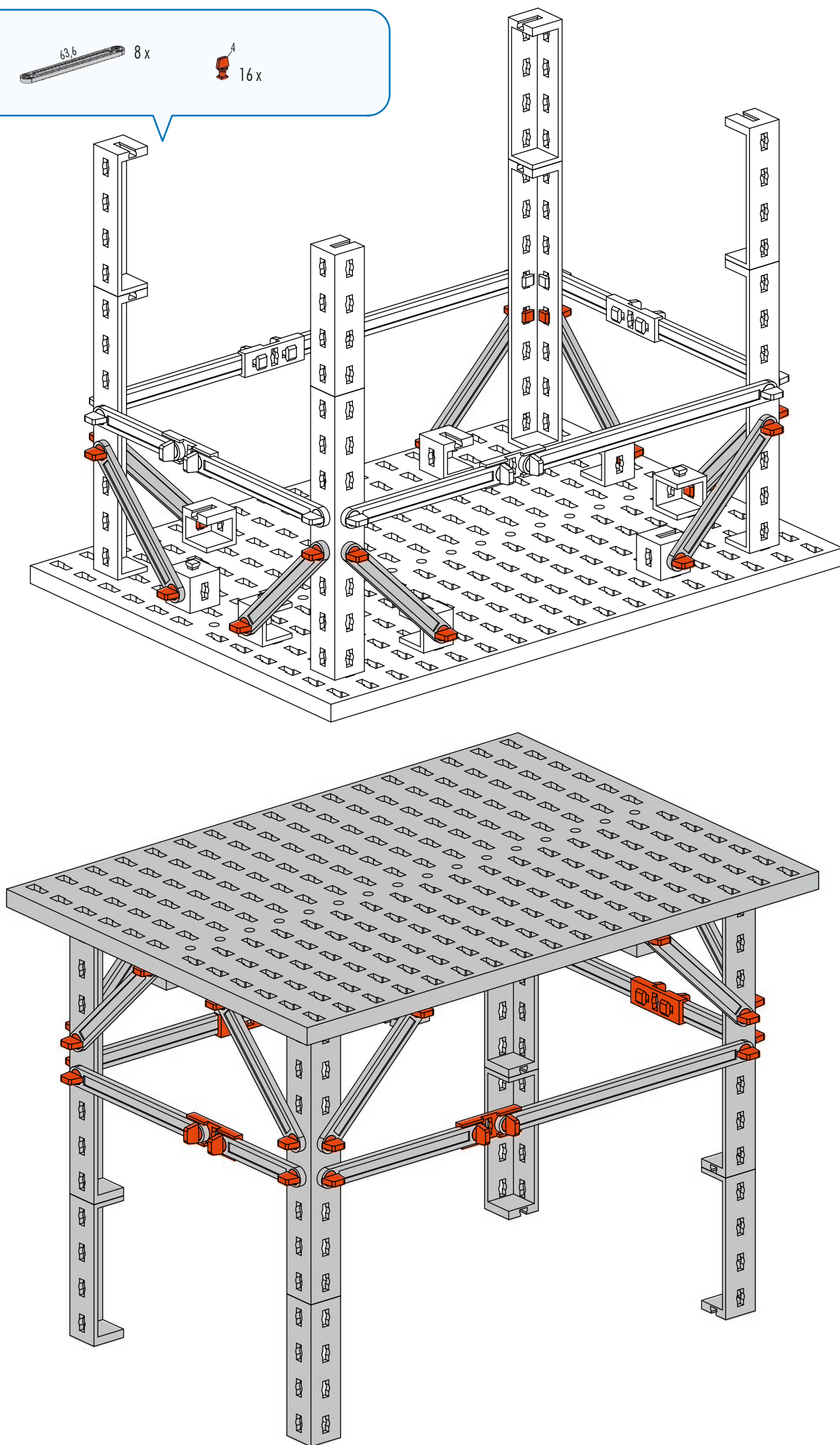


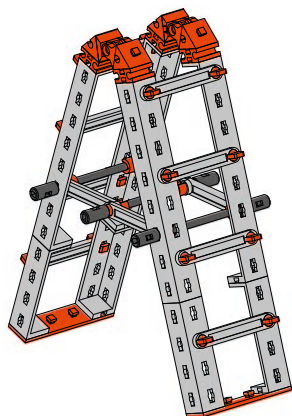


5

63,6 8 x

4 16 x



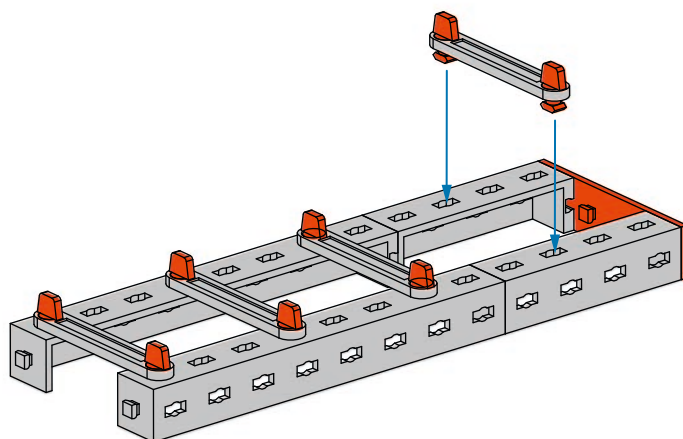
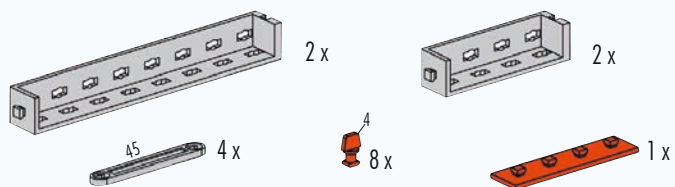


Bockleiter
Double ladder
Echelle double

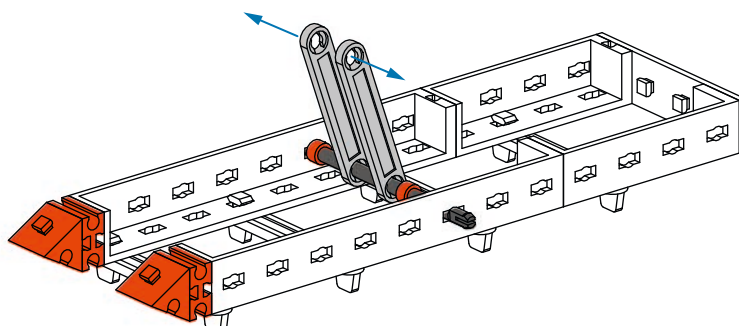
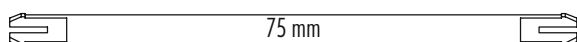
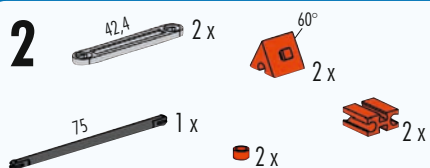
Trapladder
Escalera de tijera
Escada de cavalete

Scala a libro
Стремянка
人字梯

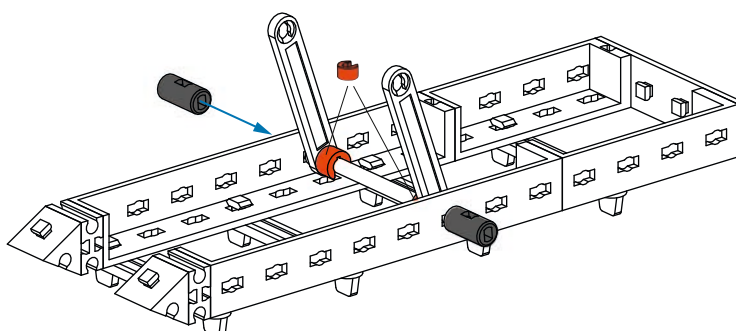
1



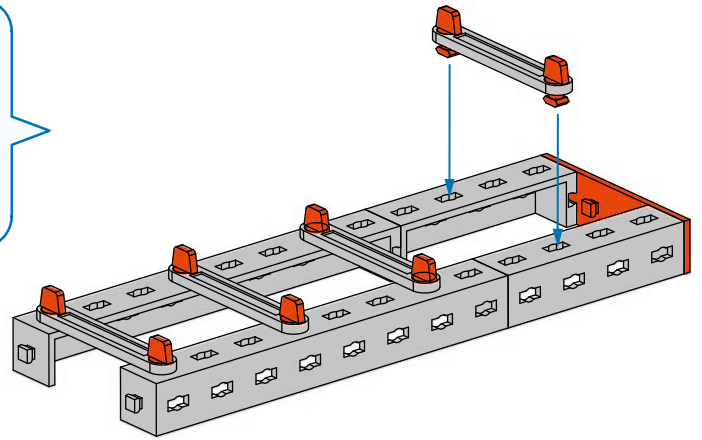
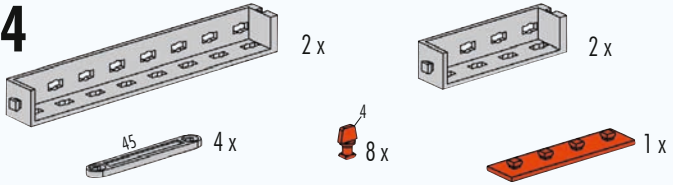
2



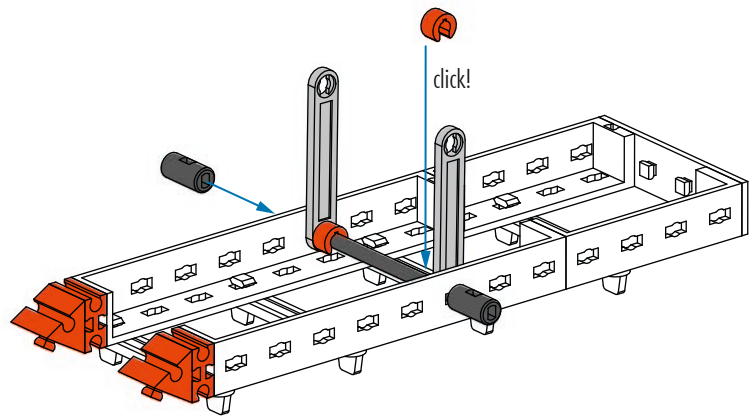
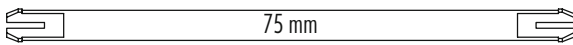
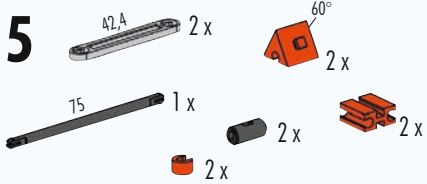
3



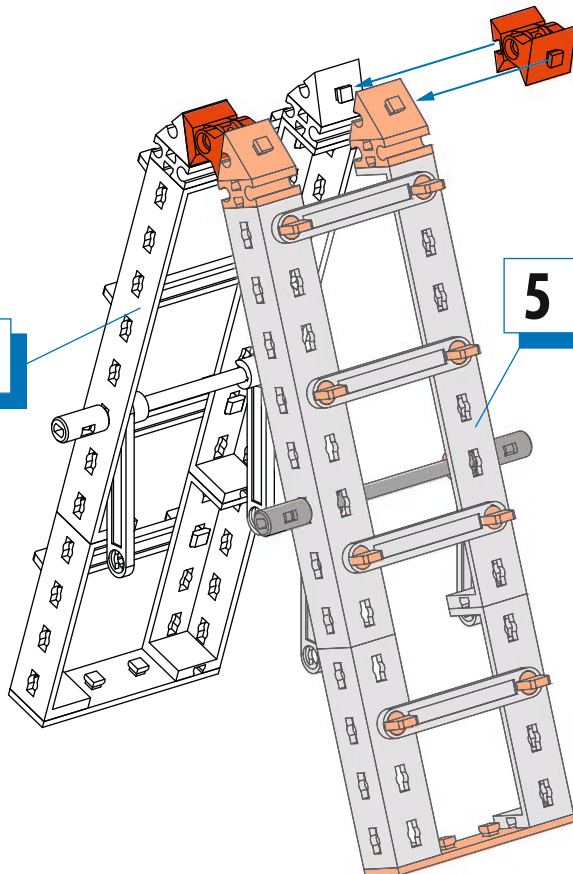
4



5



3



5

6



7

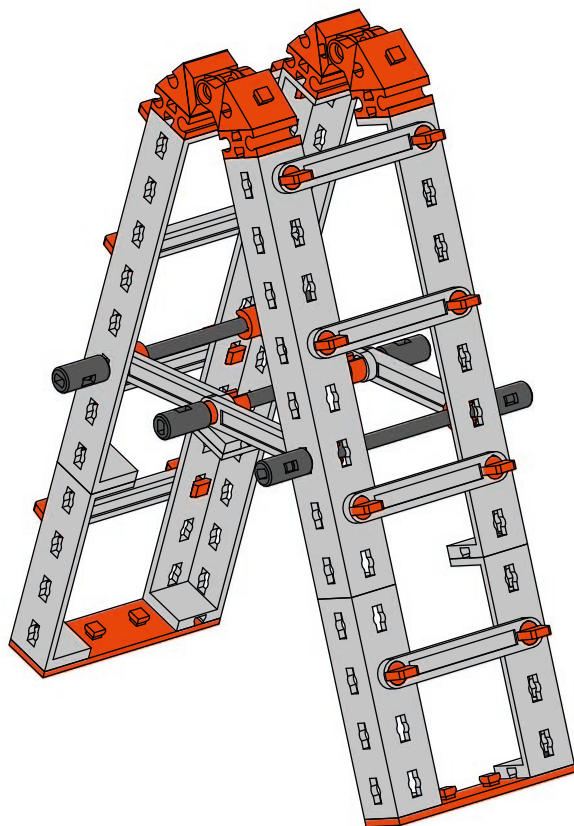
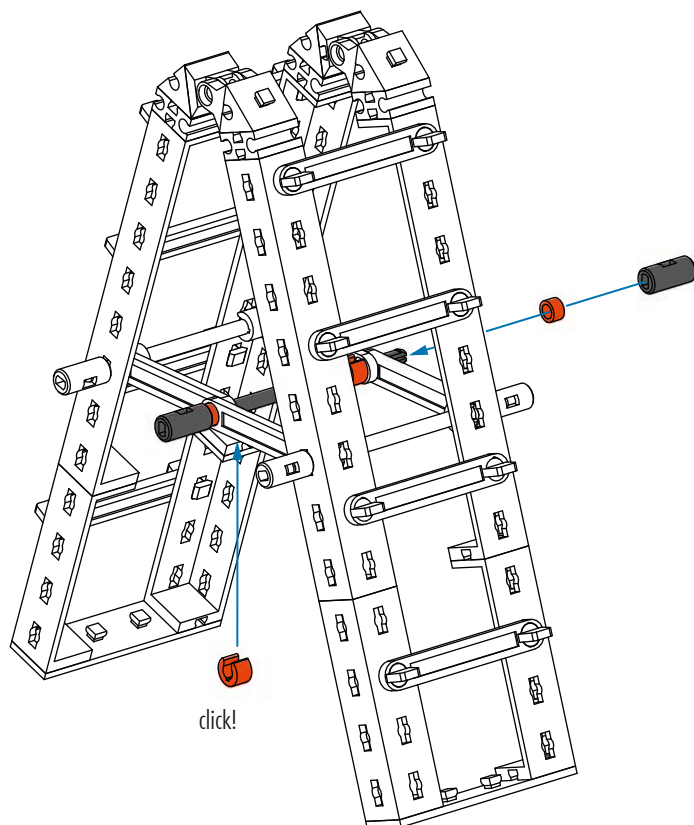
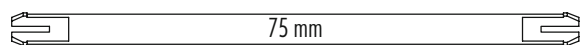
2 x

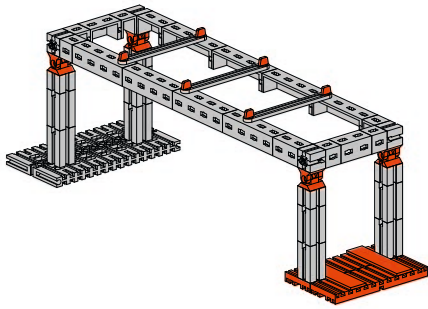
2 x

15

1 x

2 x



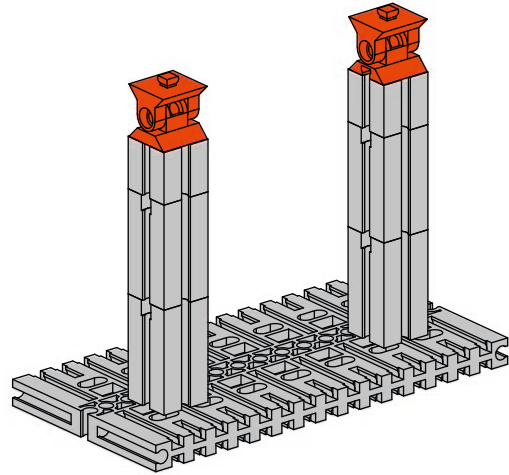
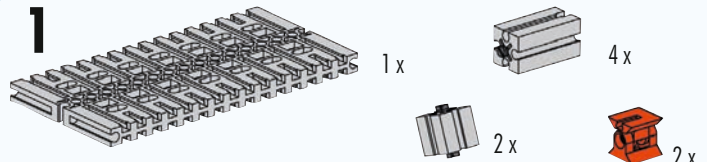


Balkenbrücke
Girder Bridge
Pont à poutres droites

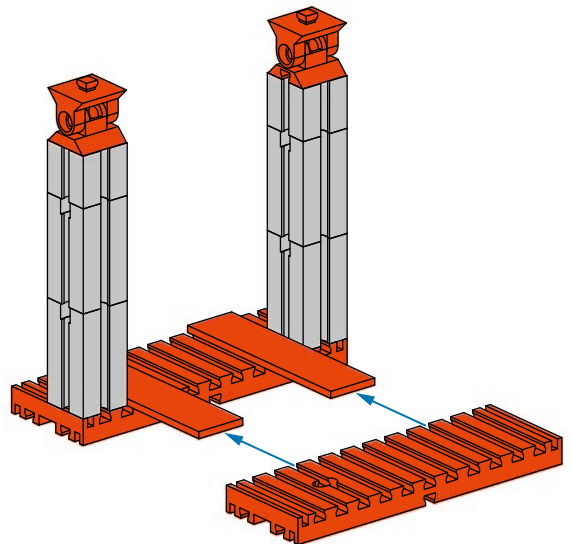
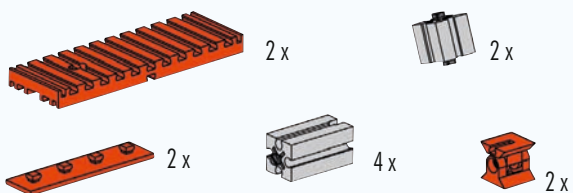
Balkenbrug
Puente de vigas
Ponte de travessa

Ponte a trave
Балочный мост
梁式桥

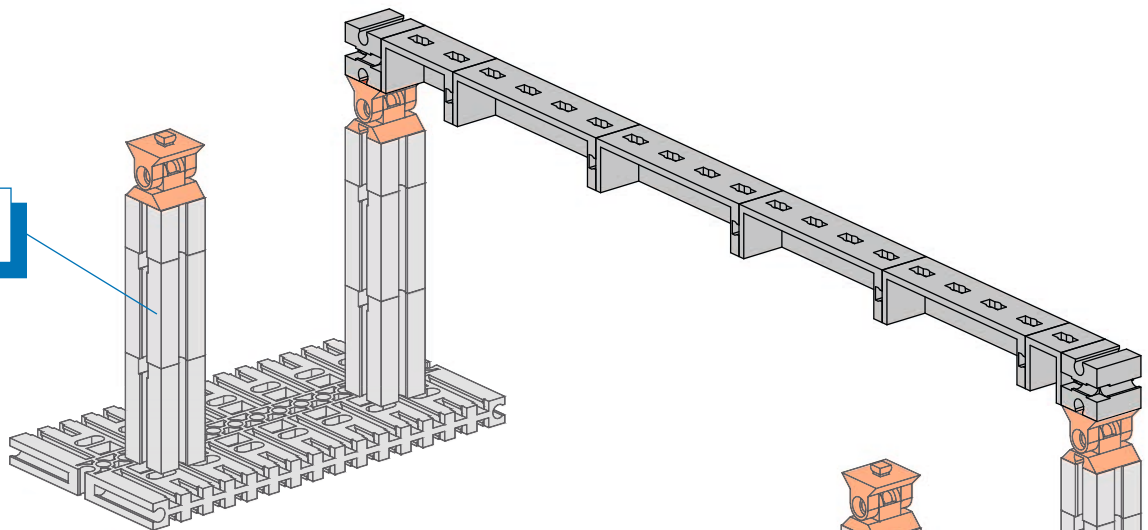
1



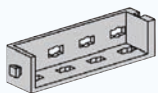
2



1



3



4 x



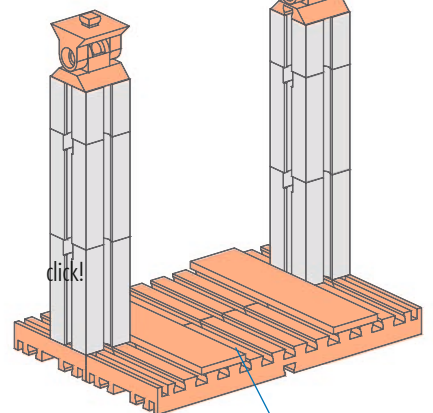
1 x



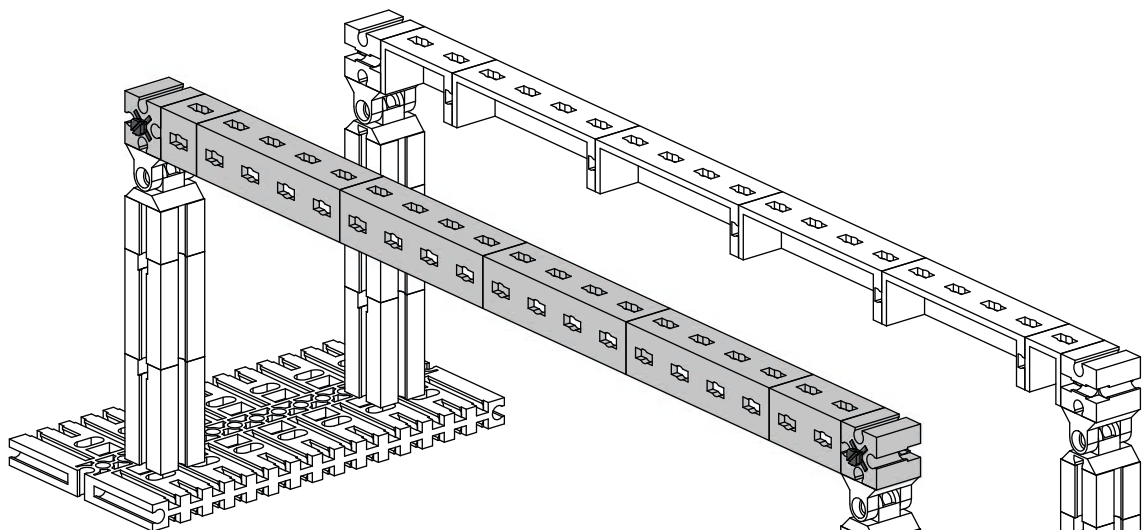
2 x



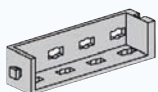
1 x



2



4



4 x



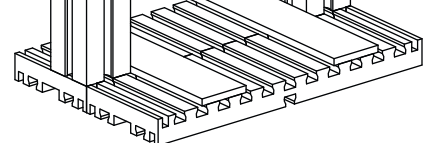
1 x

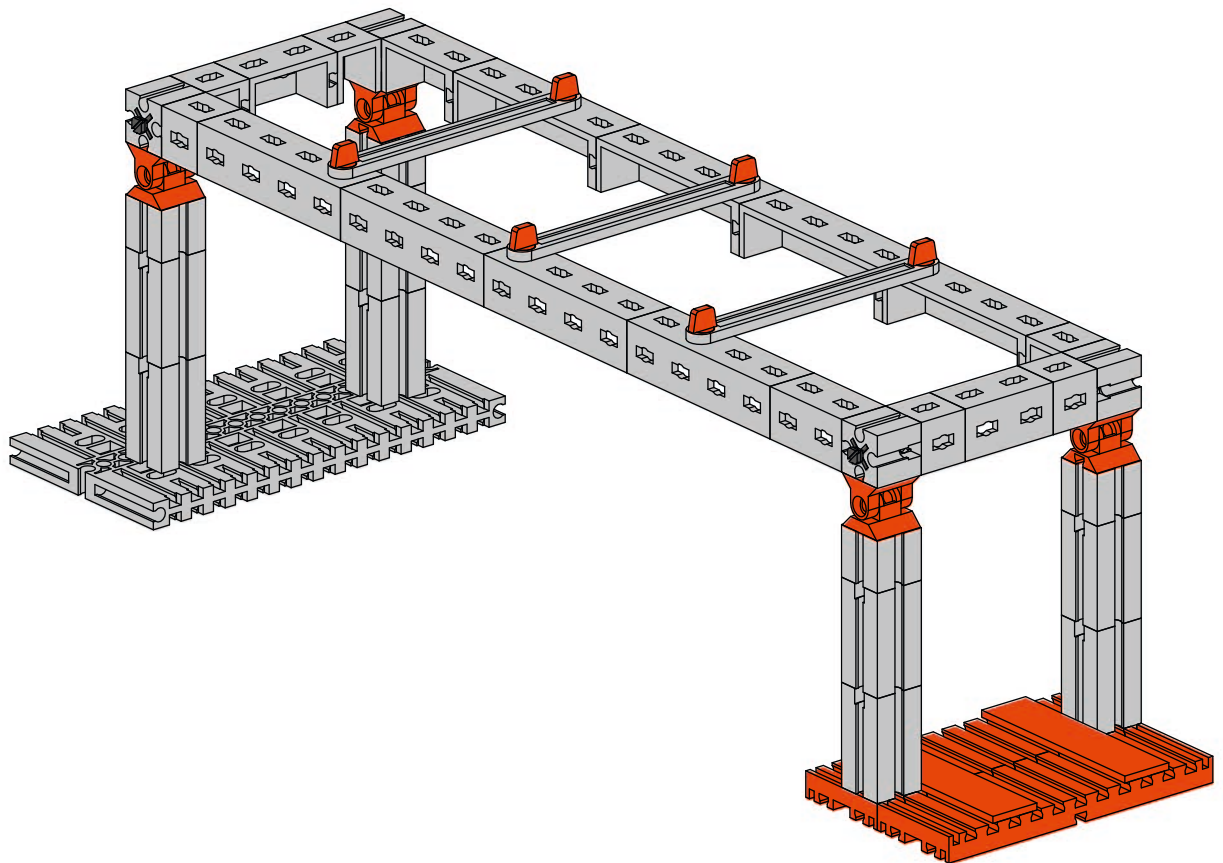
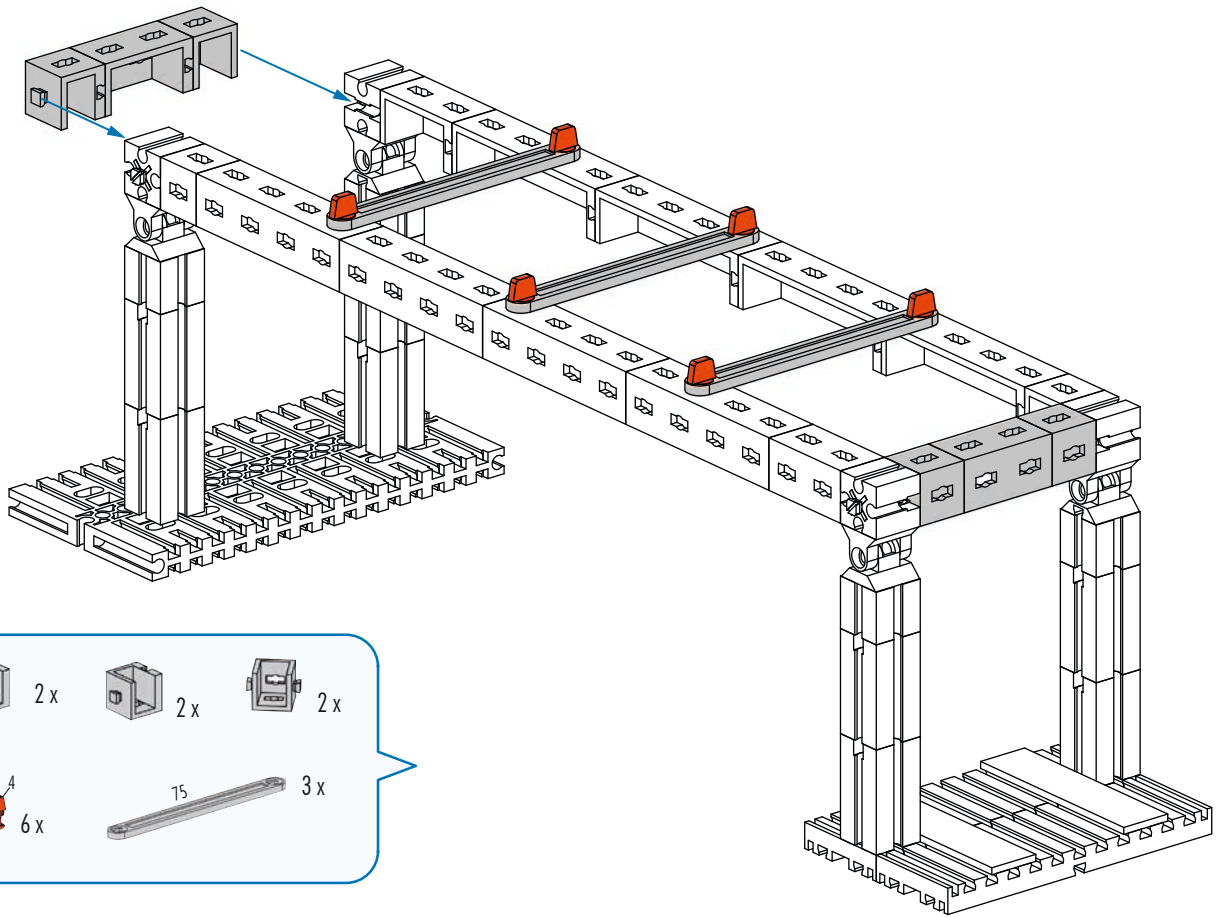


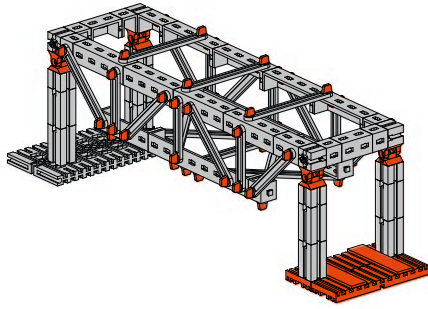
2 x



1 x





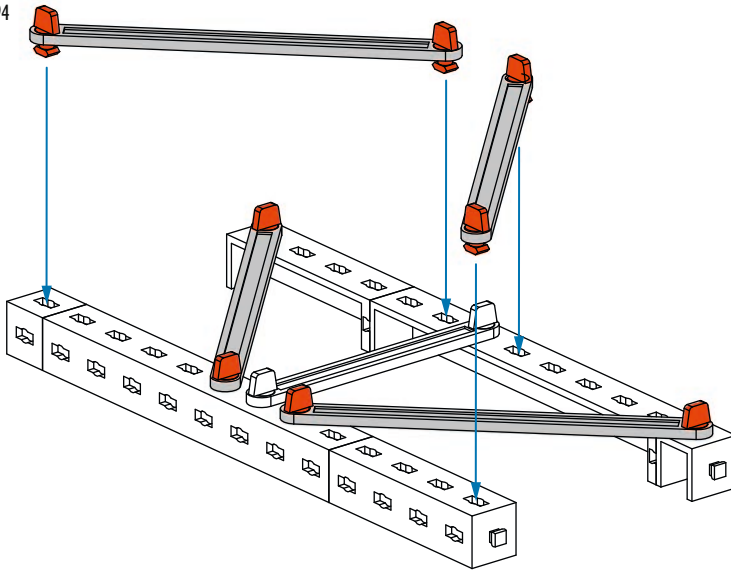
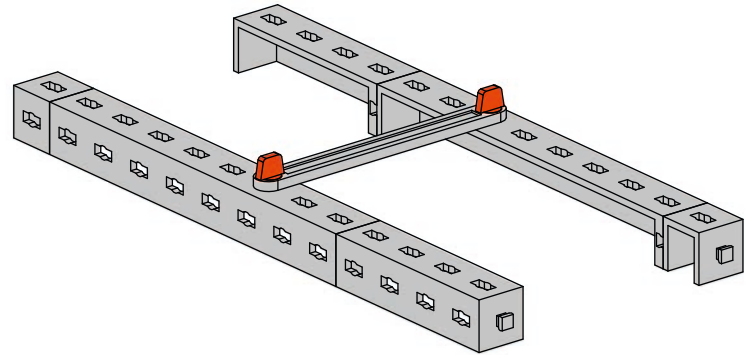
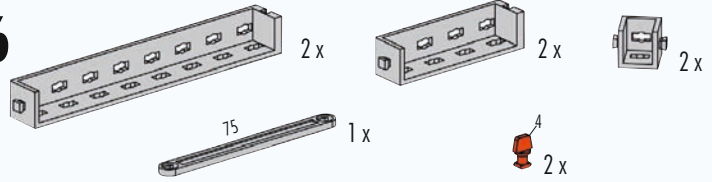


Brücke mit Unterzug
Bridge with Underbeam
Pont avec
solive transversale

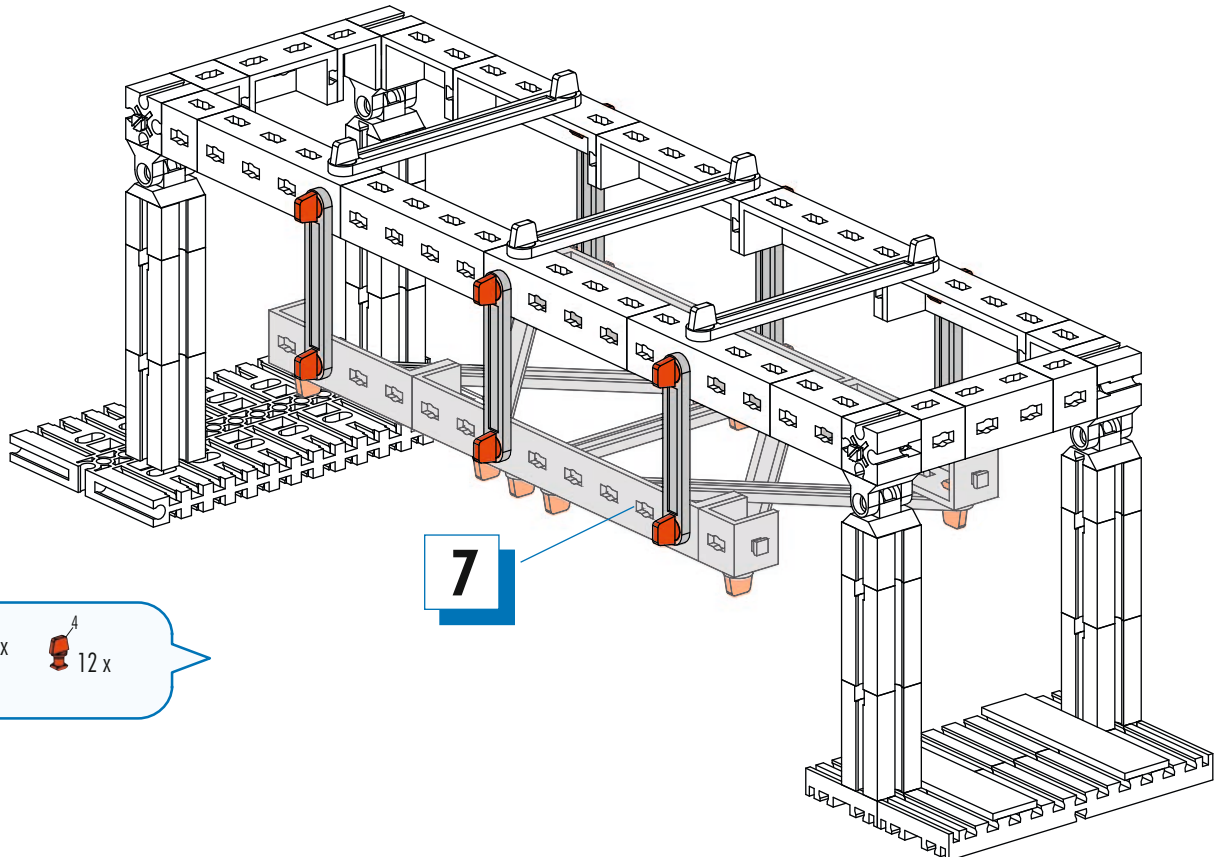
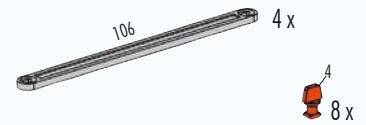
Brug met onderslagbalken
Puente con viga maestra
Ponte com viga de sustentação
inferior

Ponte con trave inferiore
Мост с нижней рамой
帶下托梁的橋

6



7



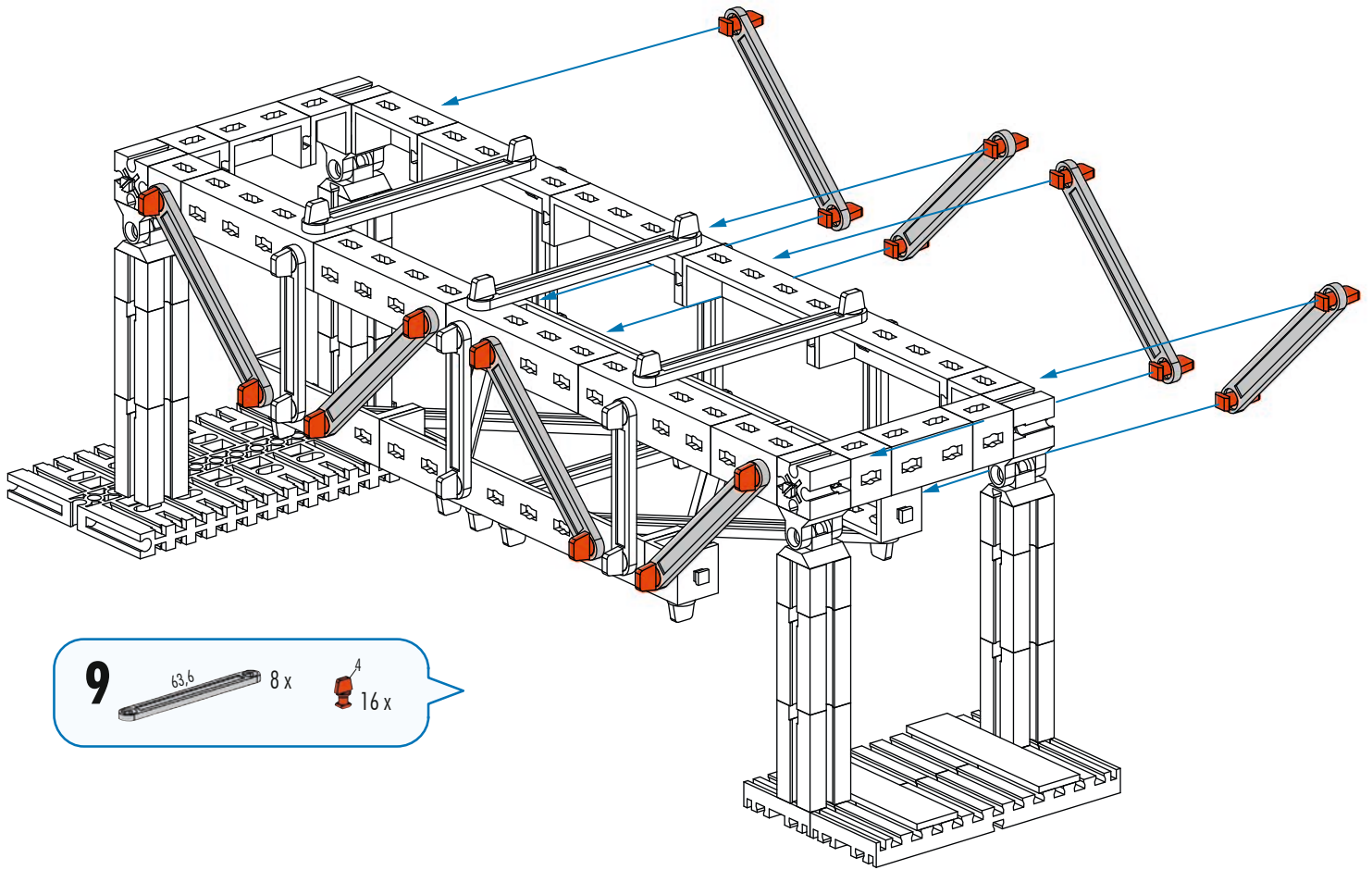
7

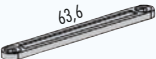
8

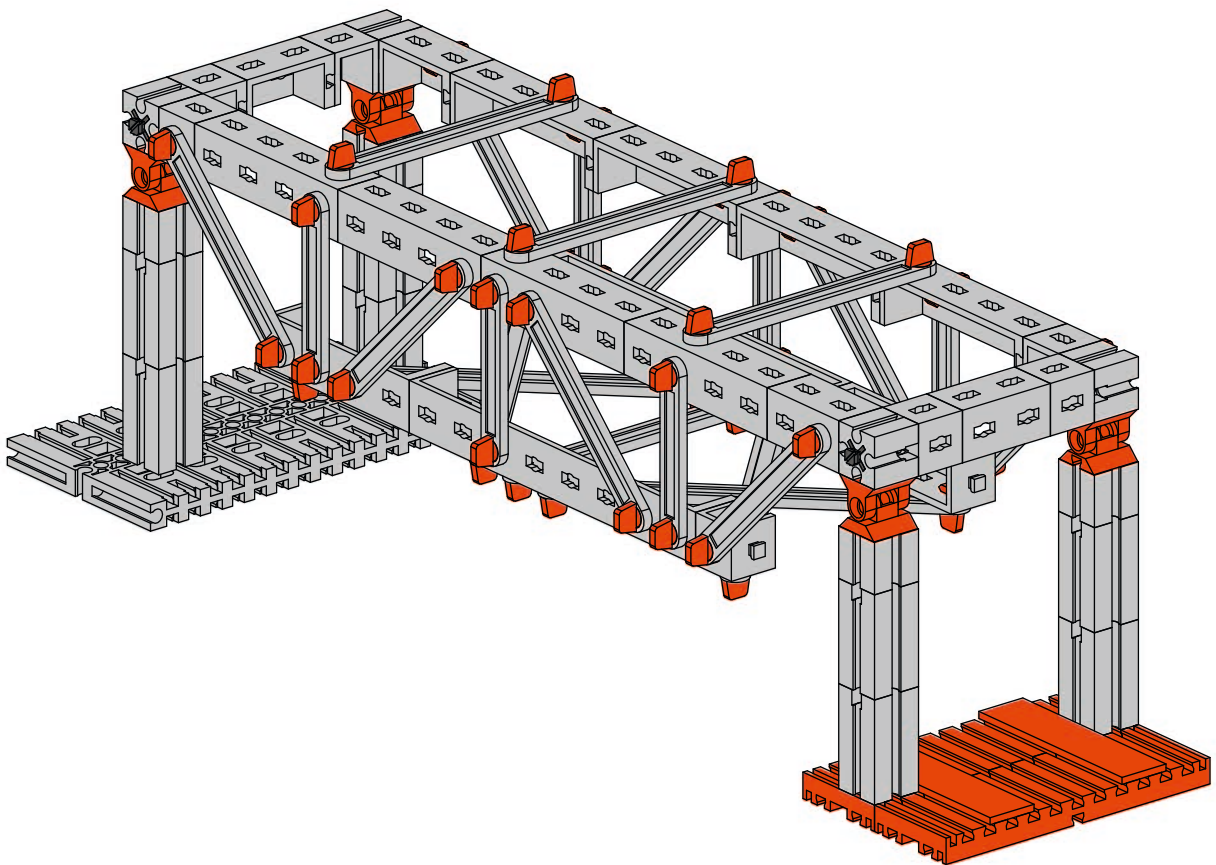


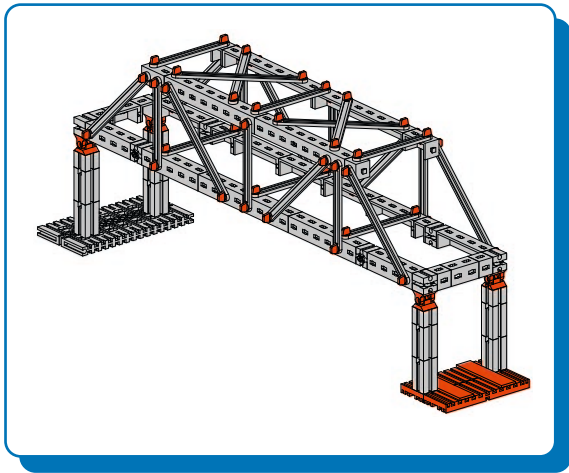
1-5

Seite 94
Page 94
Page 94
Bladzijde 94
Página 94
Página 94
Página 94
Страница 94
页次 94



9

 8 x
 
 16 x

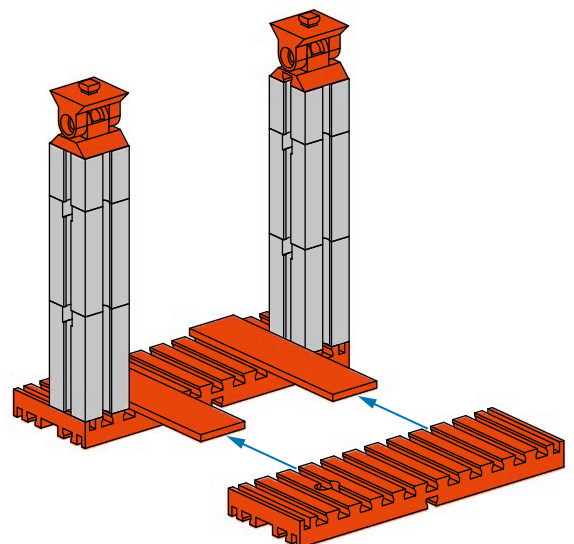
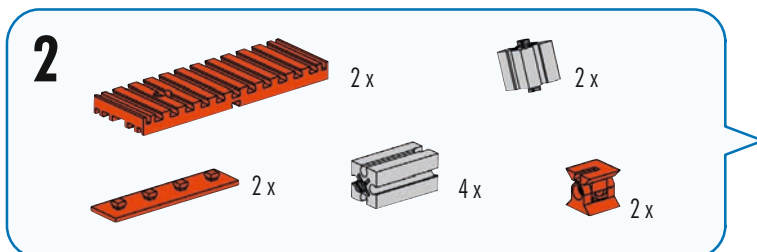
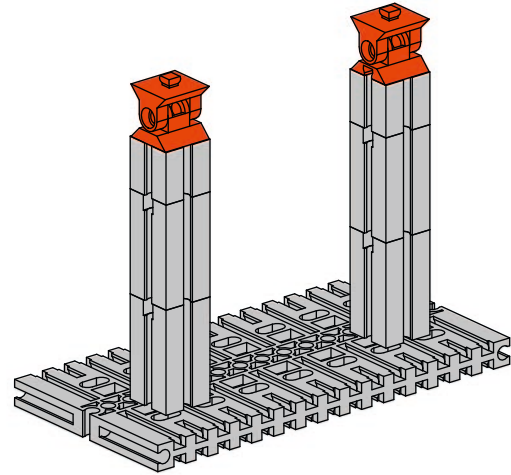
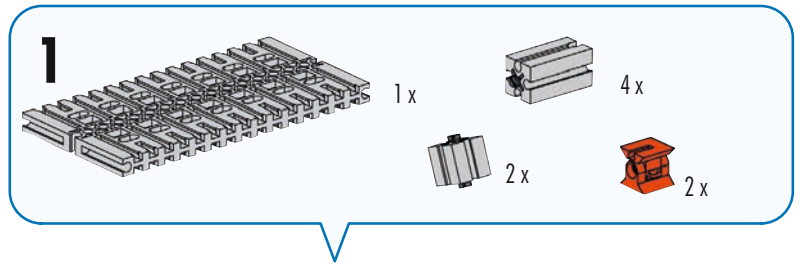


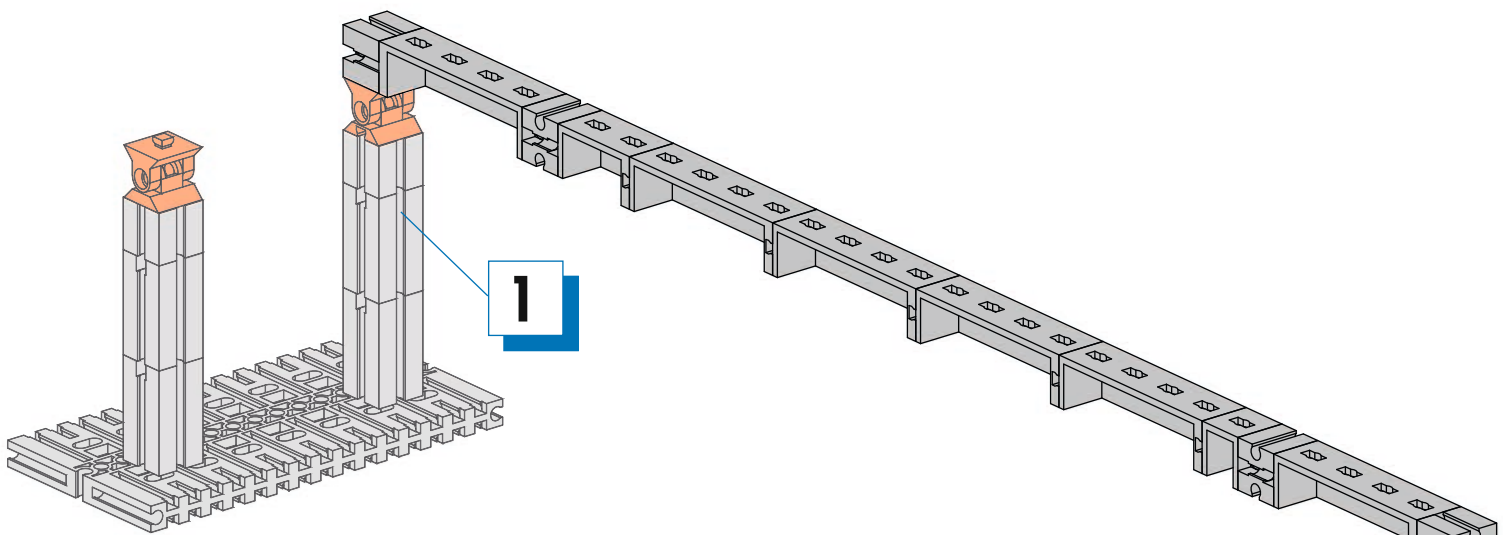


Brücke mit Oberzug
Bridge with Upperbeam
Pont à membrure
supérieure transversale

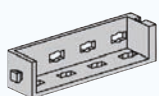
Brug met bovenslagbalken
Ponte con viga testera
Ponte com viga de
sustentação superior

Ponte con trave superiore
Мост с верхней рамой
帶上托梁的桥





3



6 x



1 x

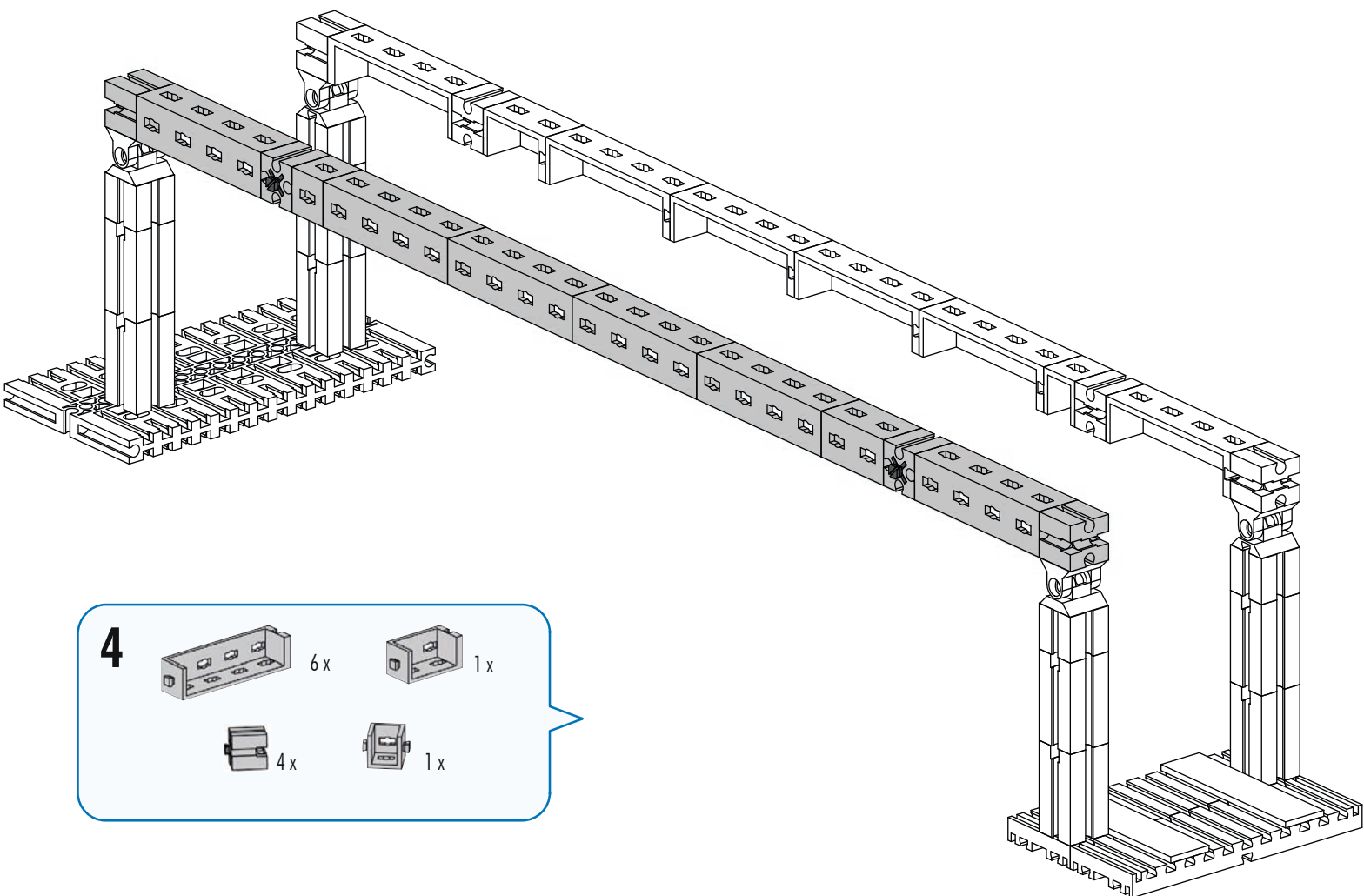
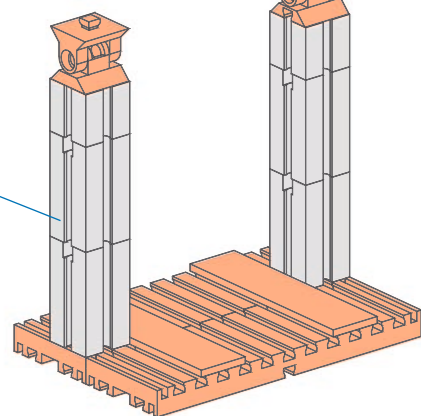


4 x

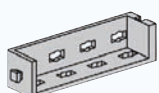


1 x

2



4



6 x



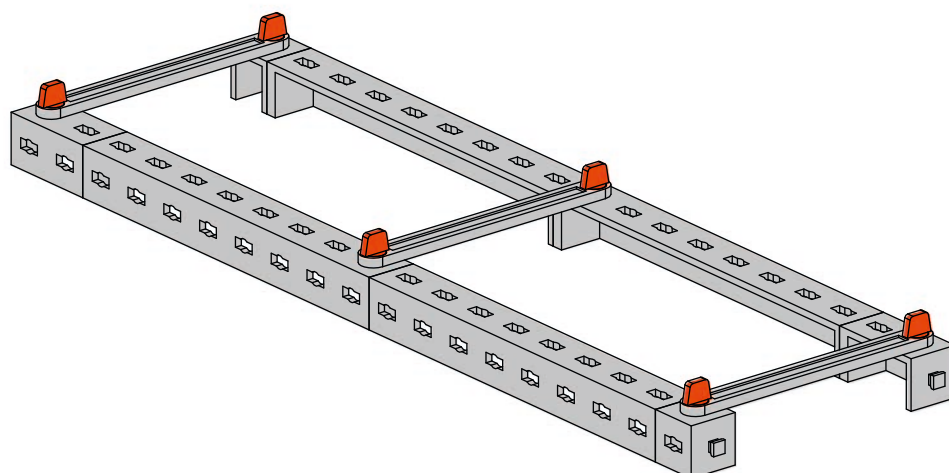
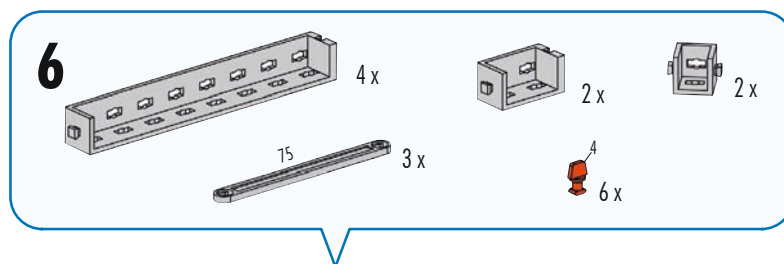
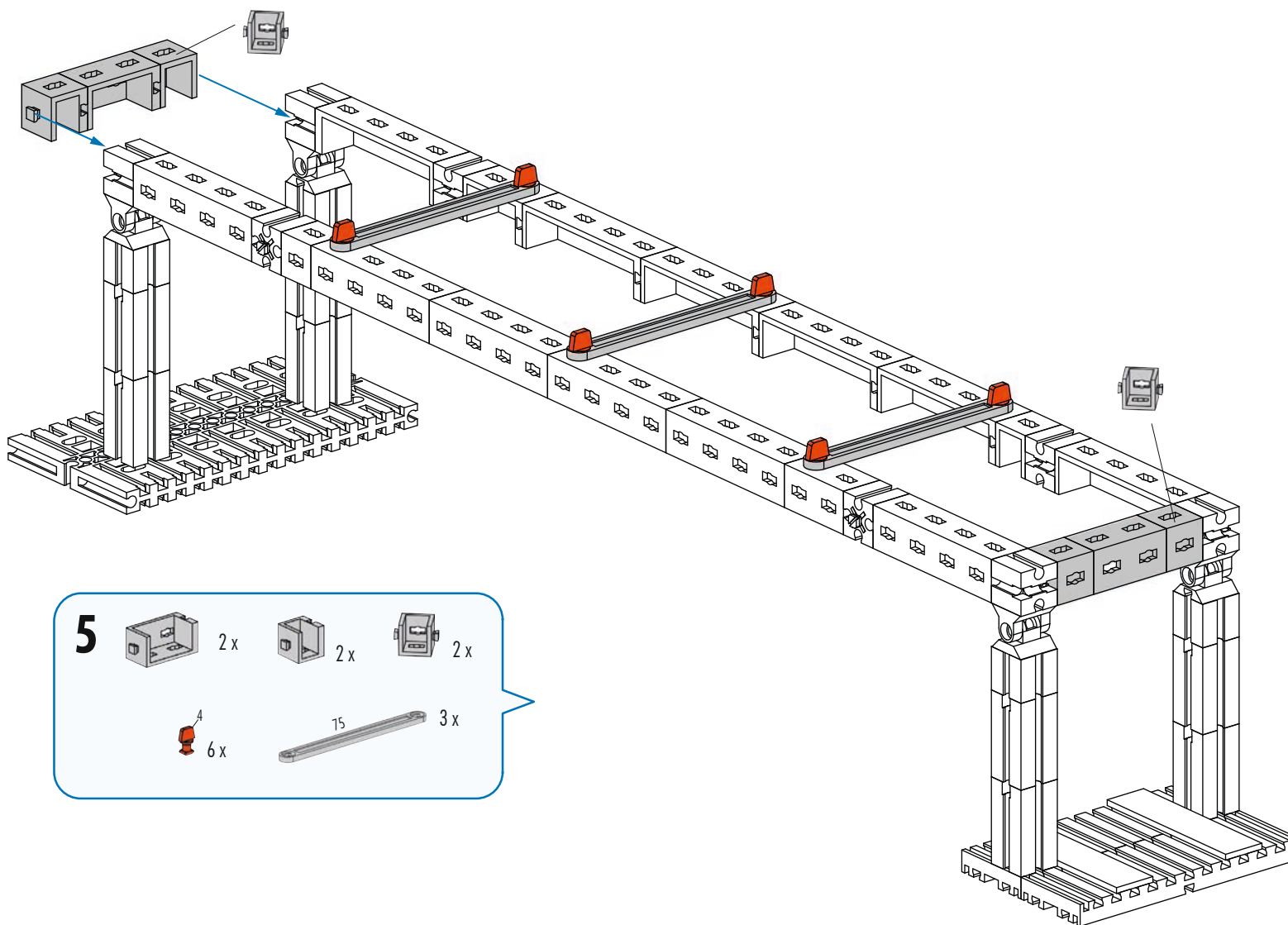
1 x

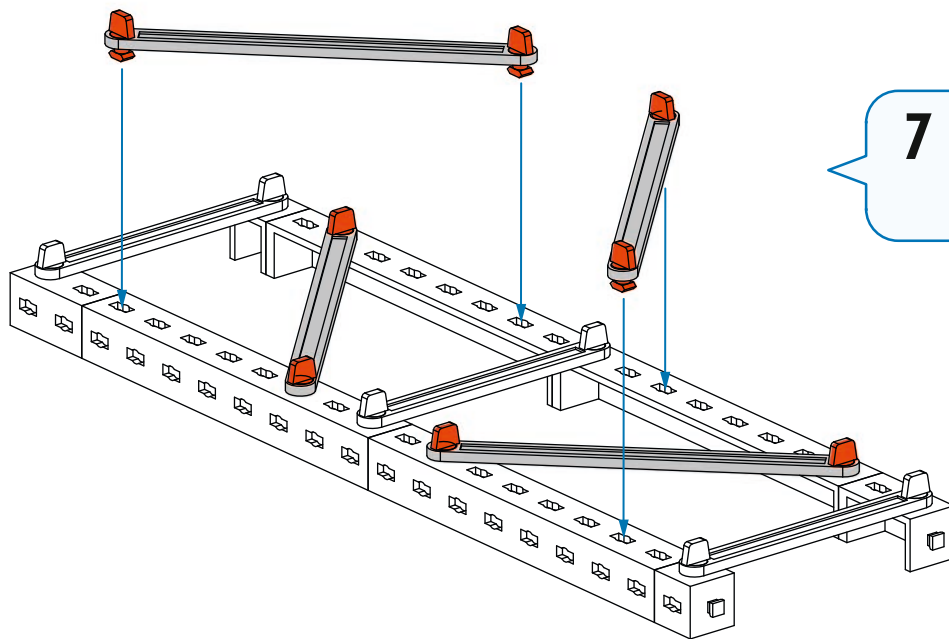


4 x

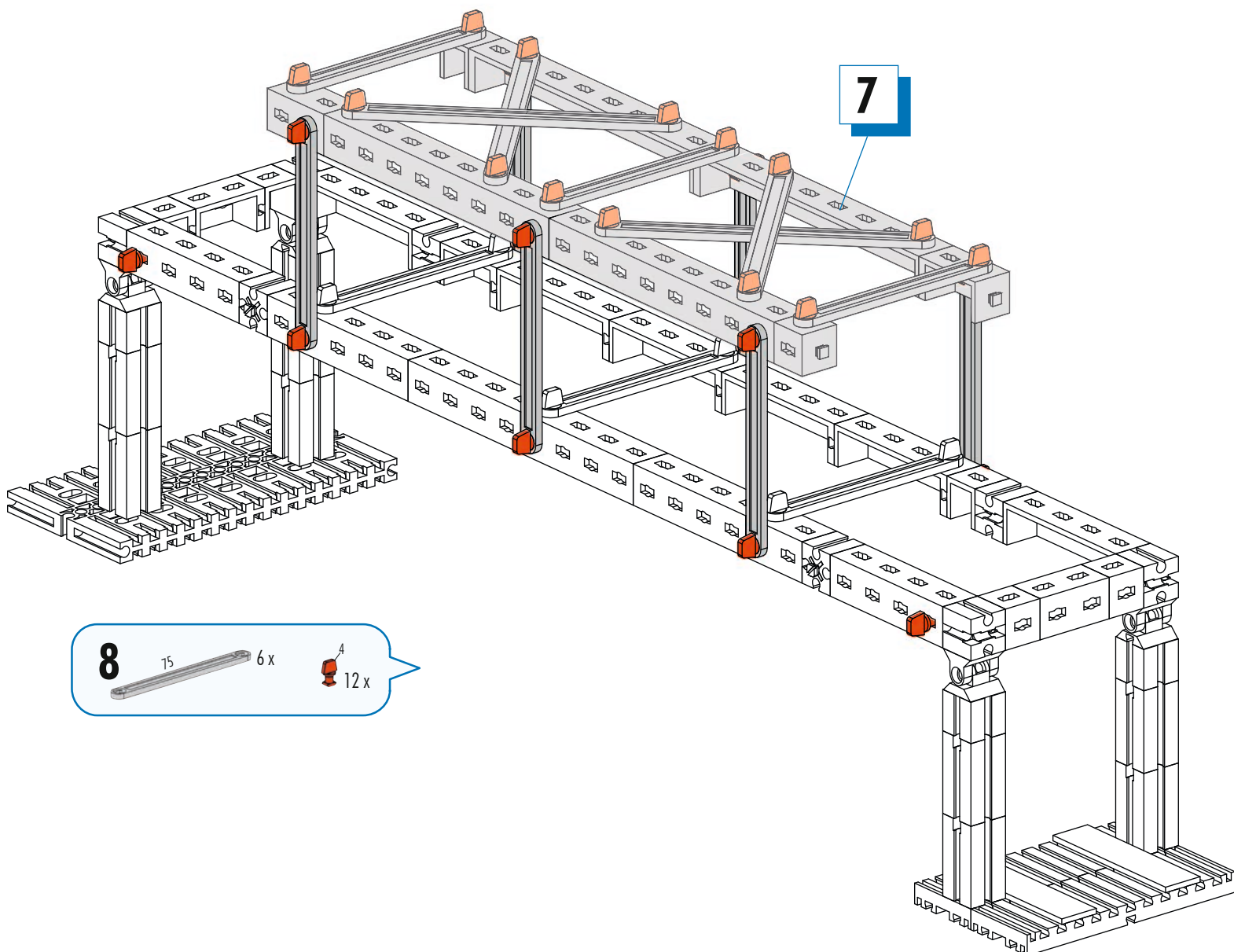
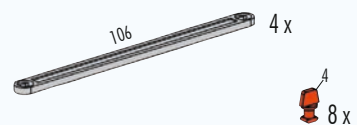


1 x





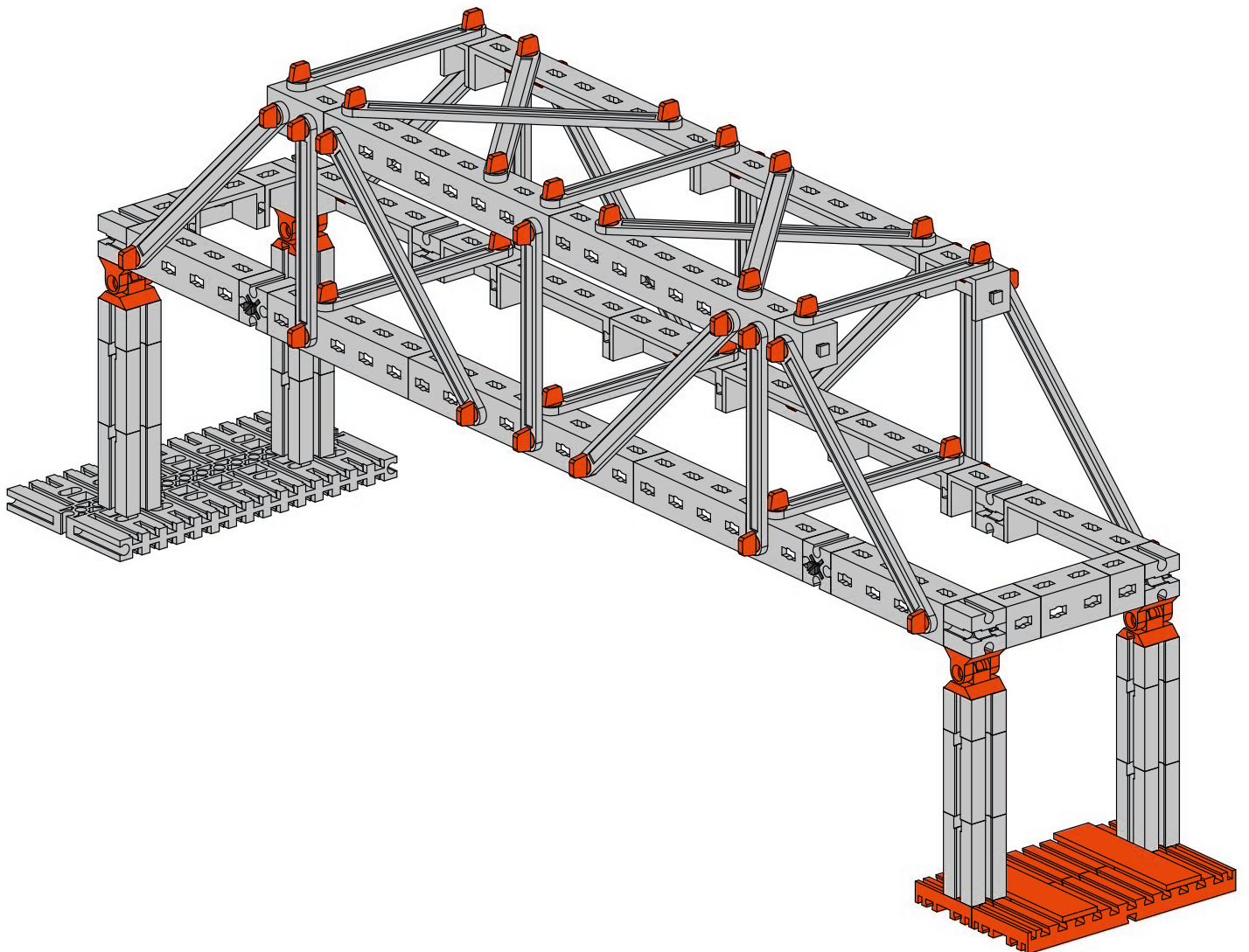
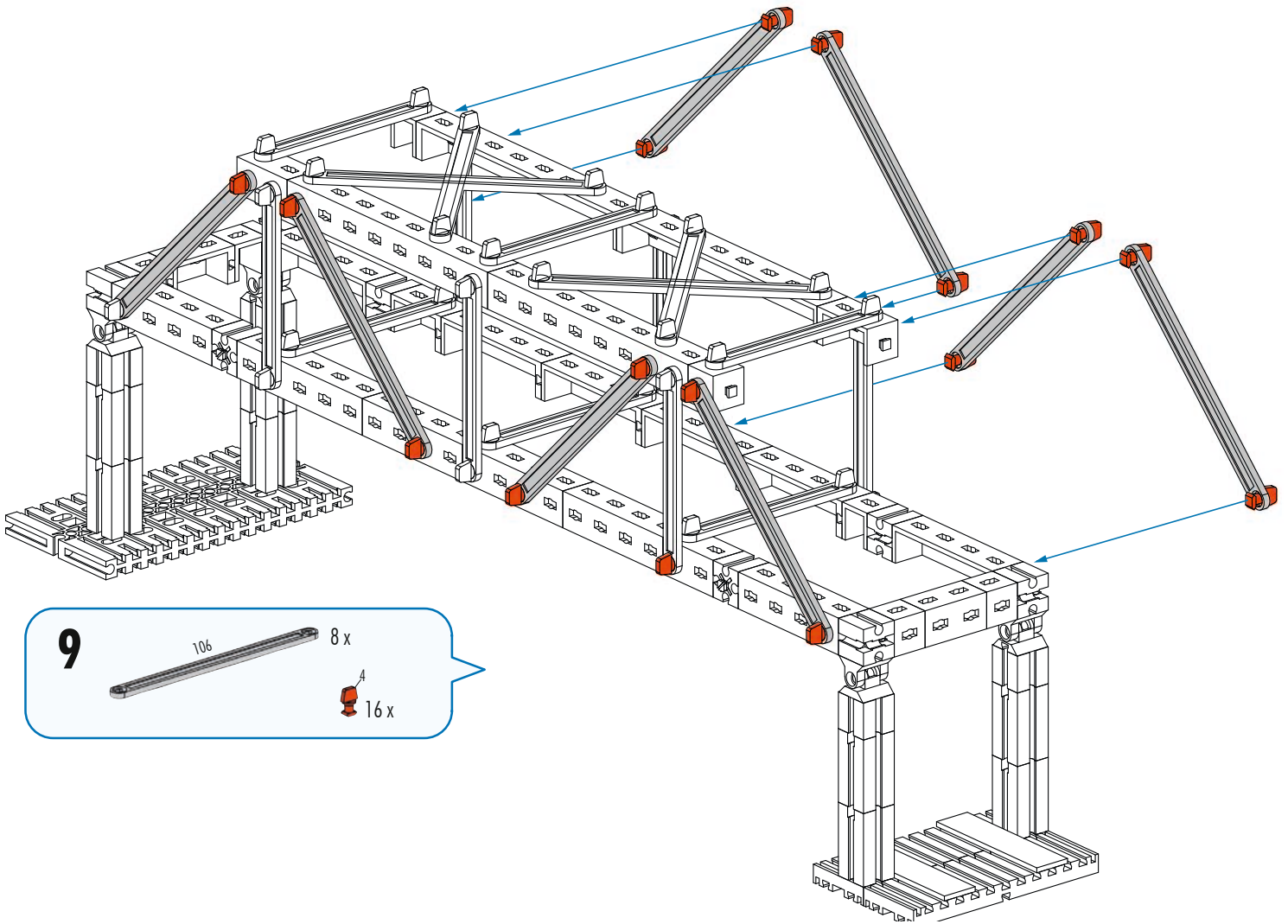
7

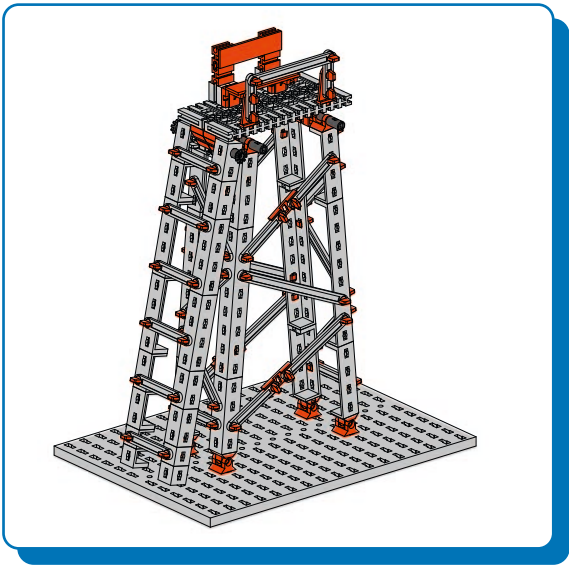


7

8



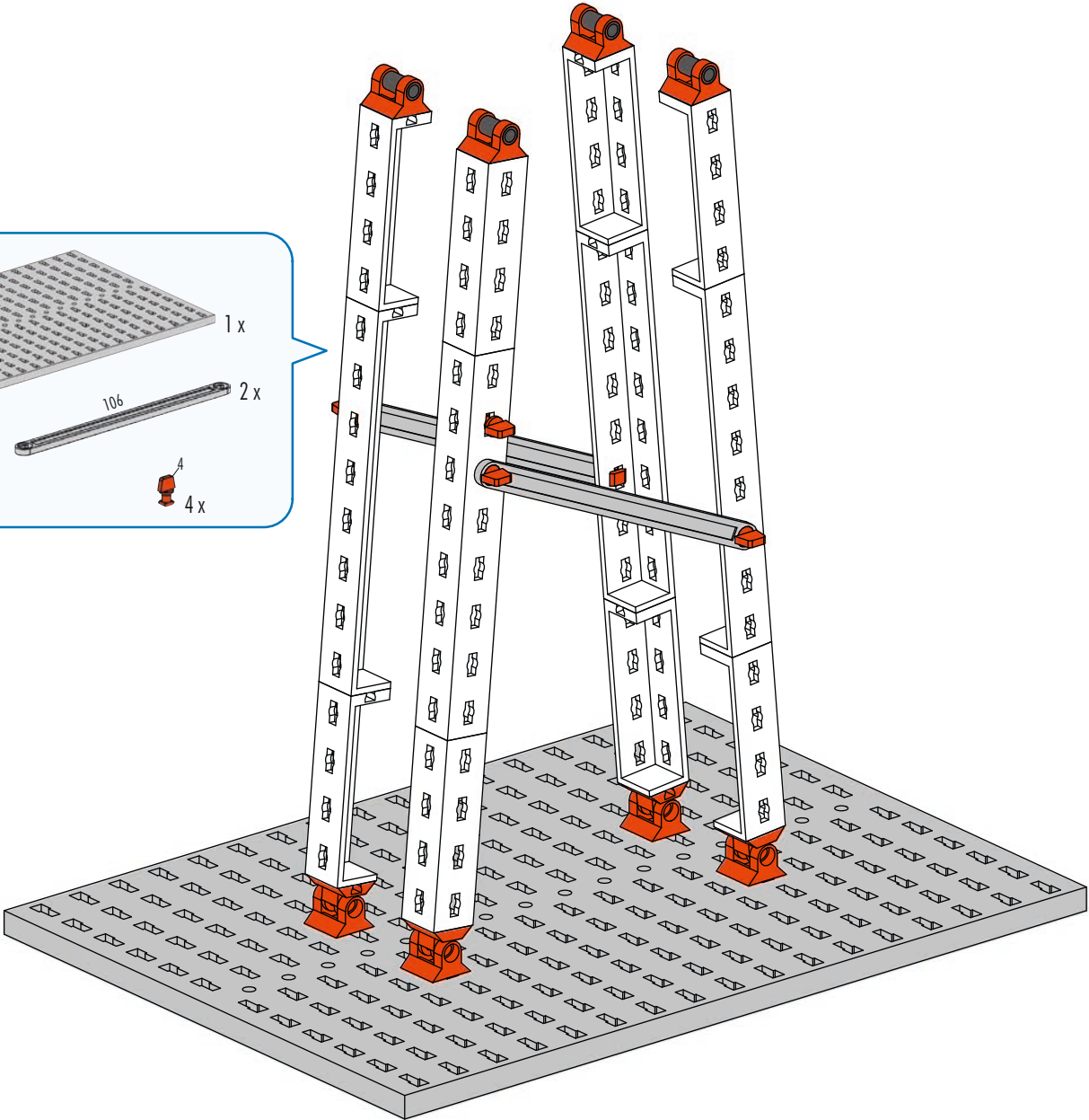
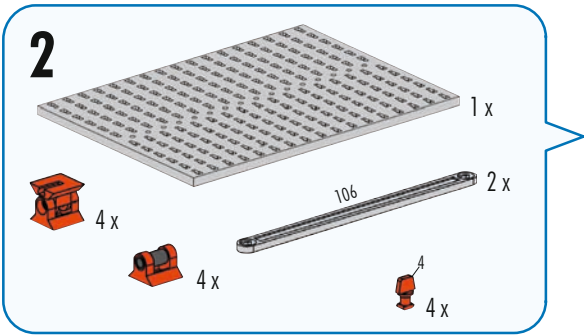
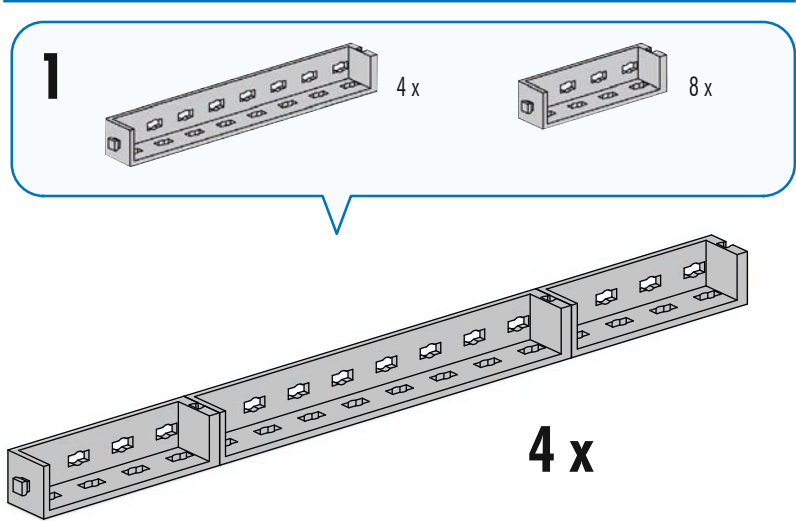




Hochsitz
High hunting Stand
Mirador

Jachtkansel
Puesto elevado
Assento elevado

Sedile alto
Место для кормления
高座



3

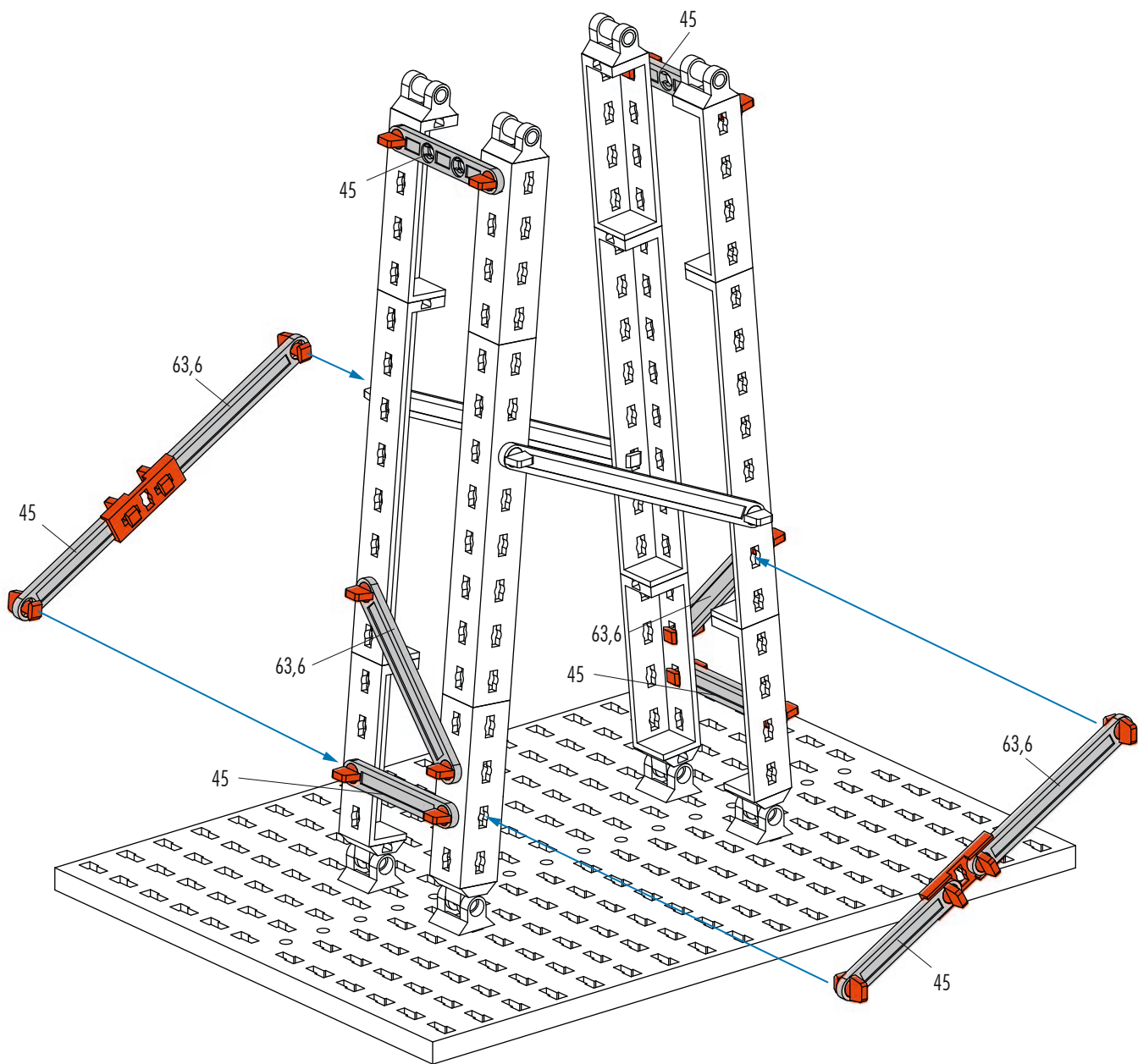
45 4 x

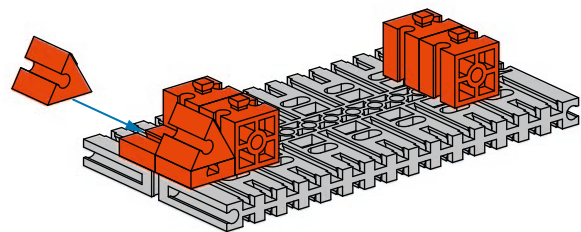
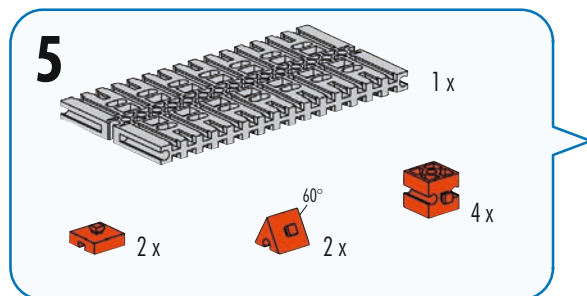
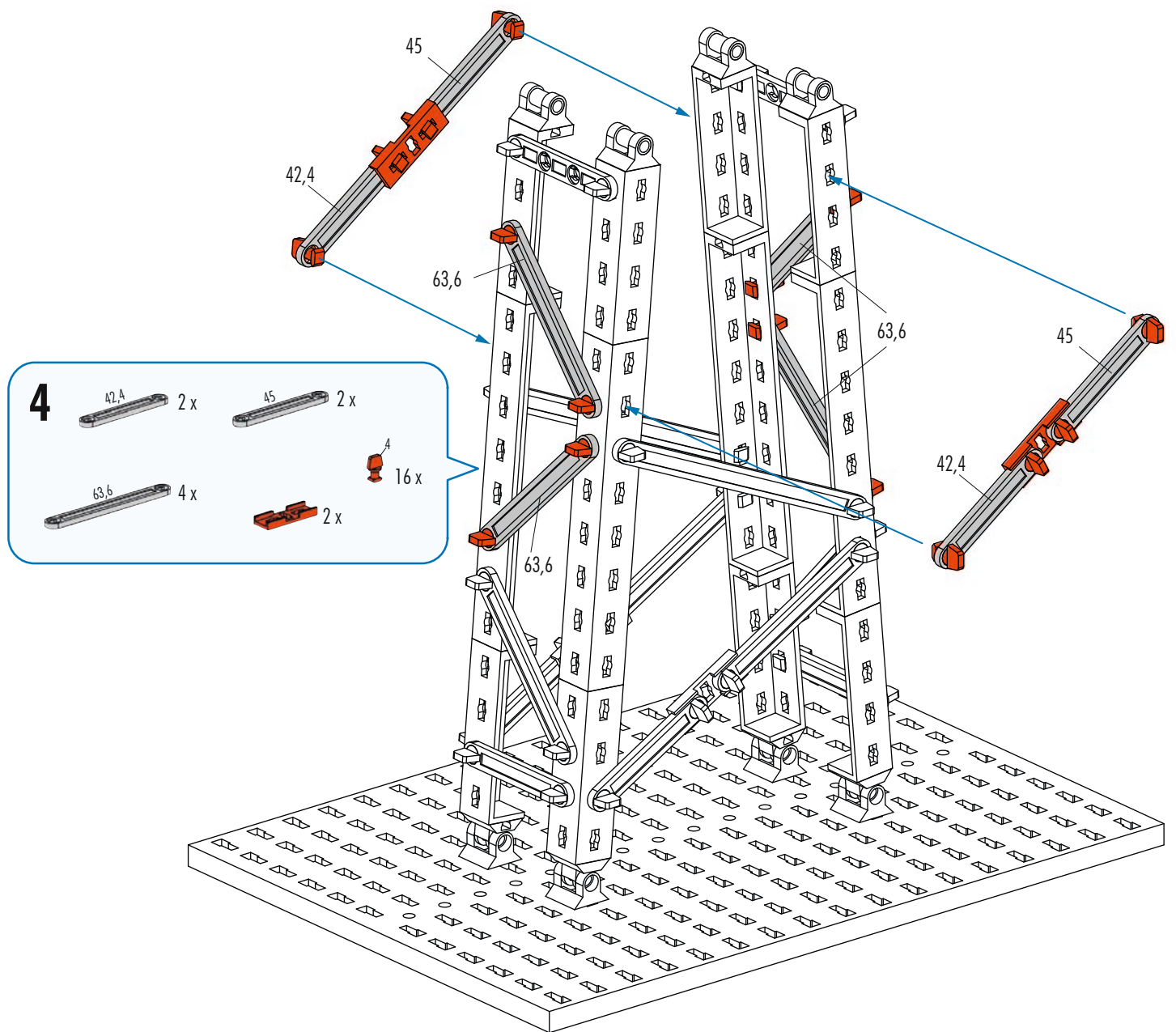
45 2 x

63,6 4 x

4
20 x

2 x





6

 2 x

 2 x

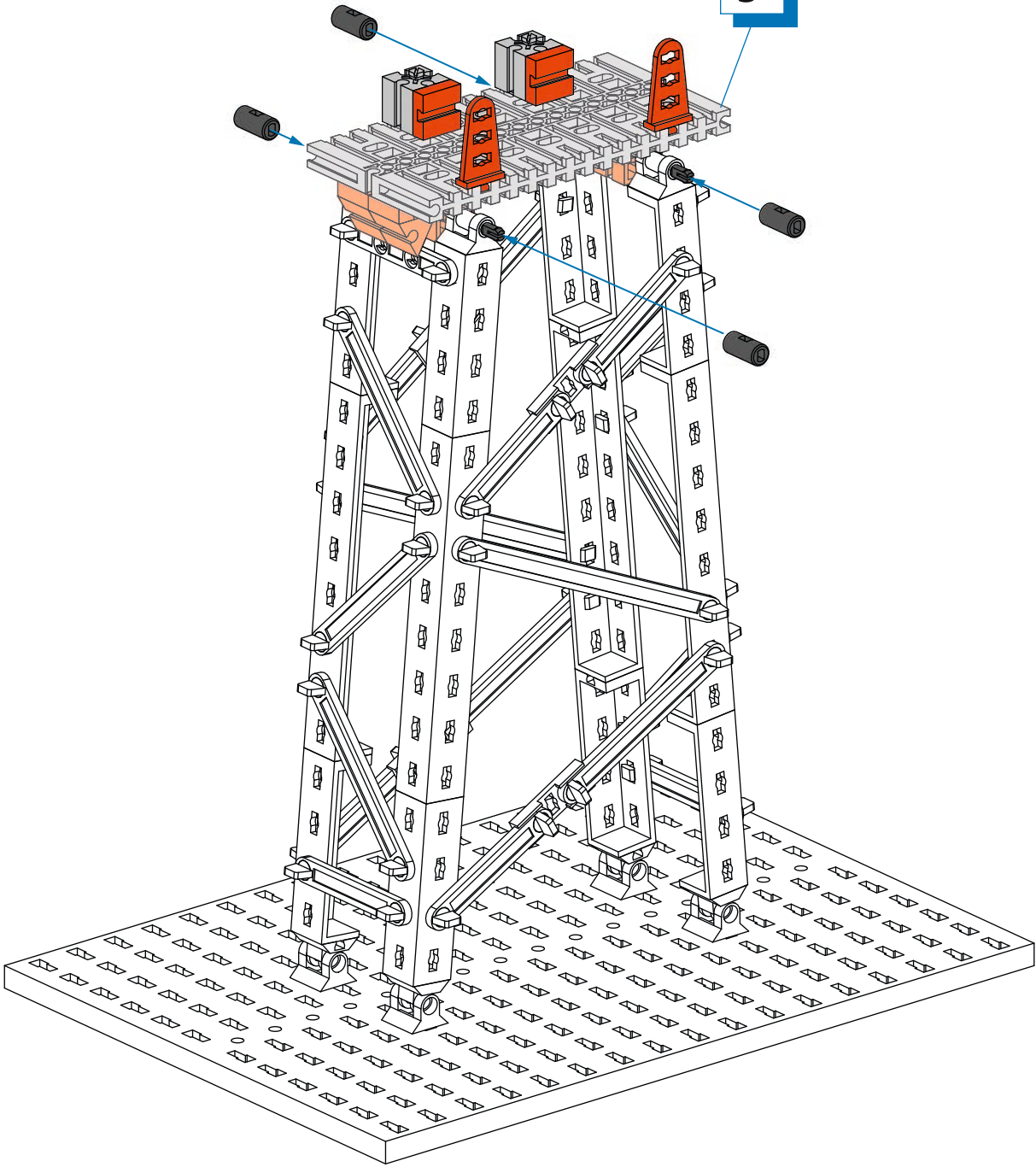
 2 x

 2 x

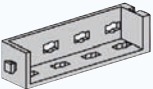
 4 x

75 mm

5

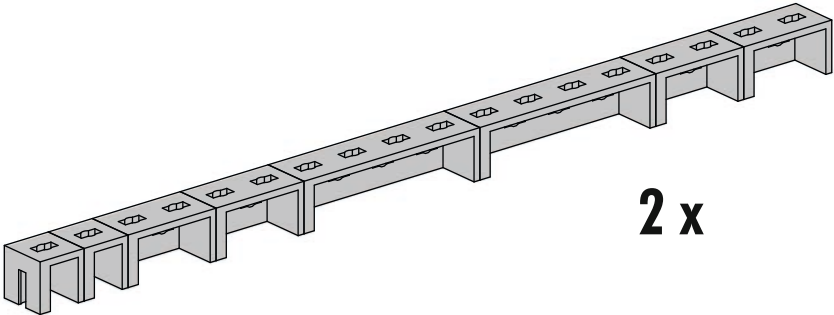


7

 4 x

 8 x

 4 x

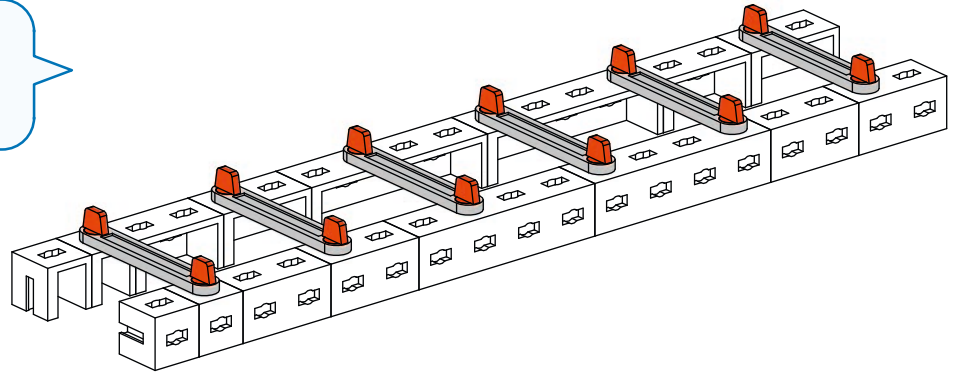


2 x

8

45 6 x

A 12 x



9

15 1 x

2 x

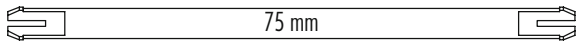
2 x

15 2 x

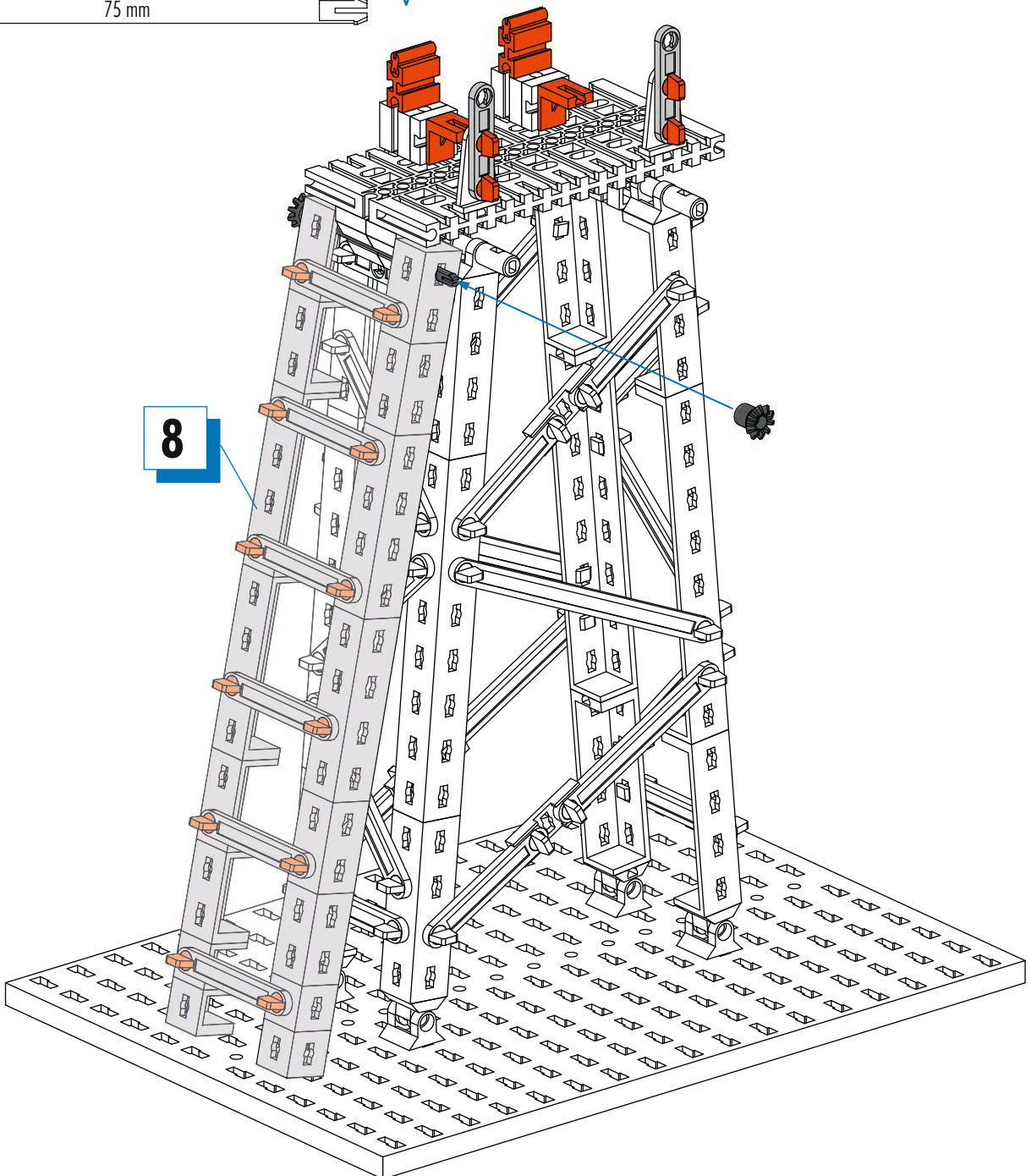
A 4 x

2 x

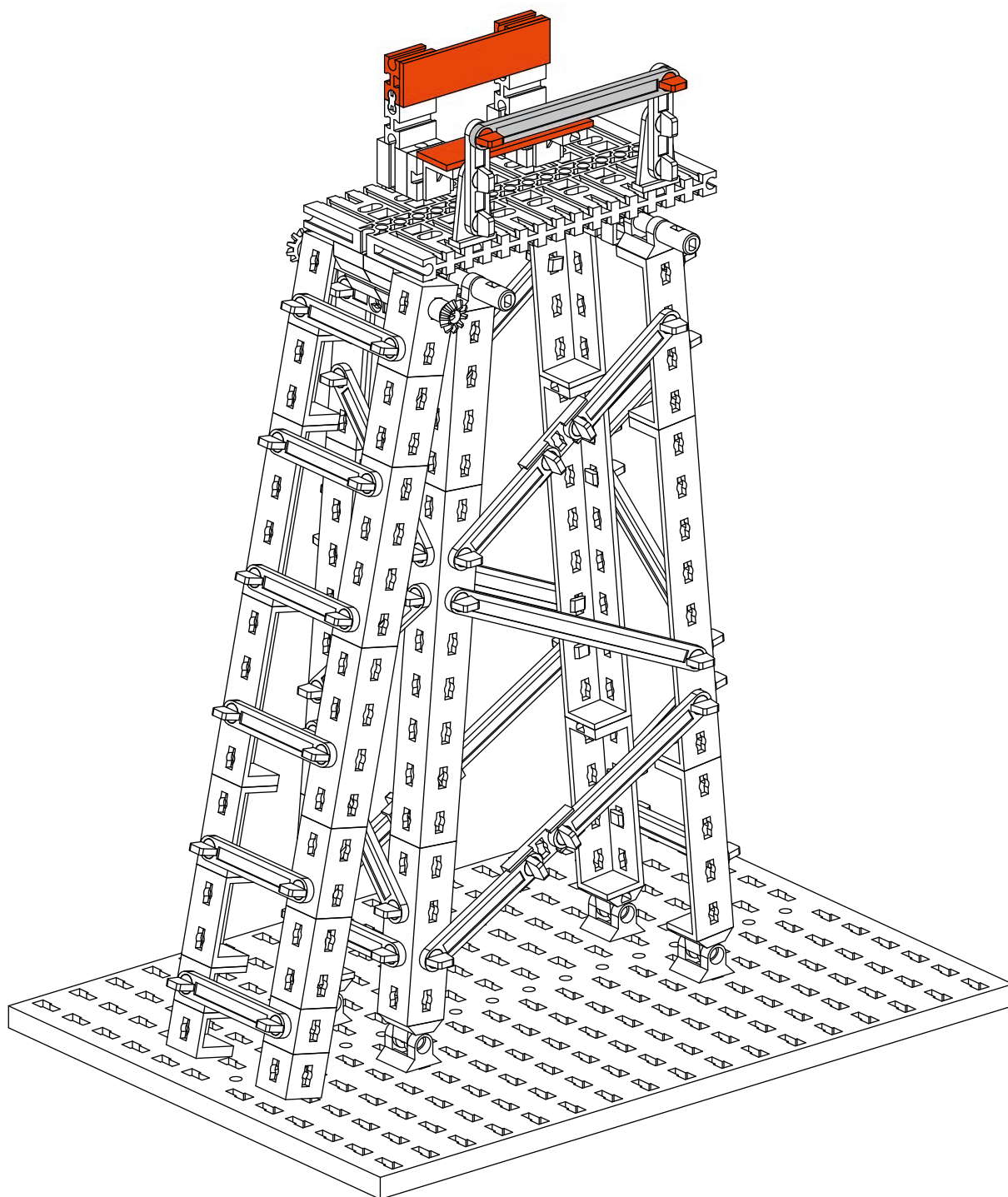
30 2 x

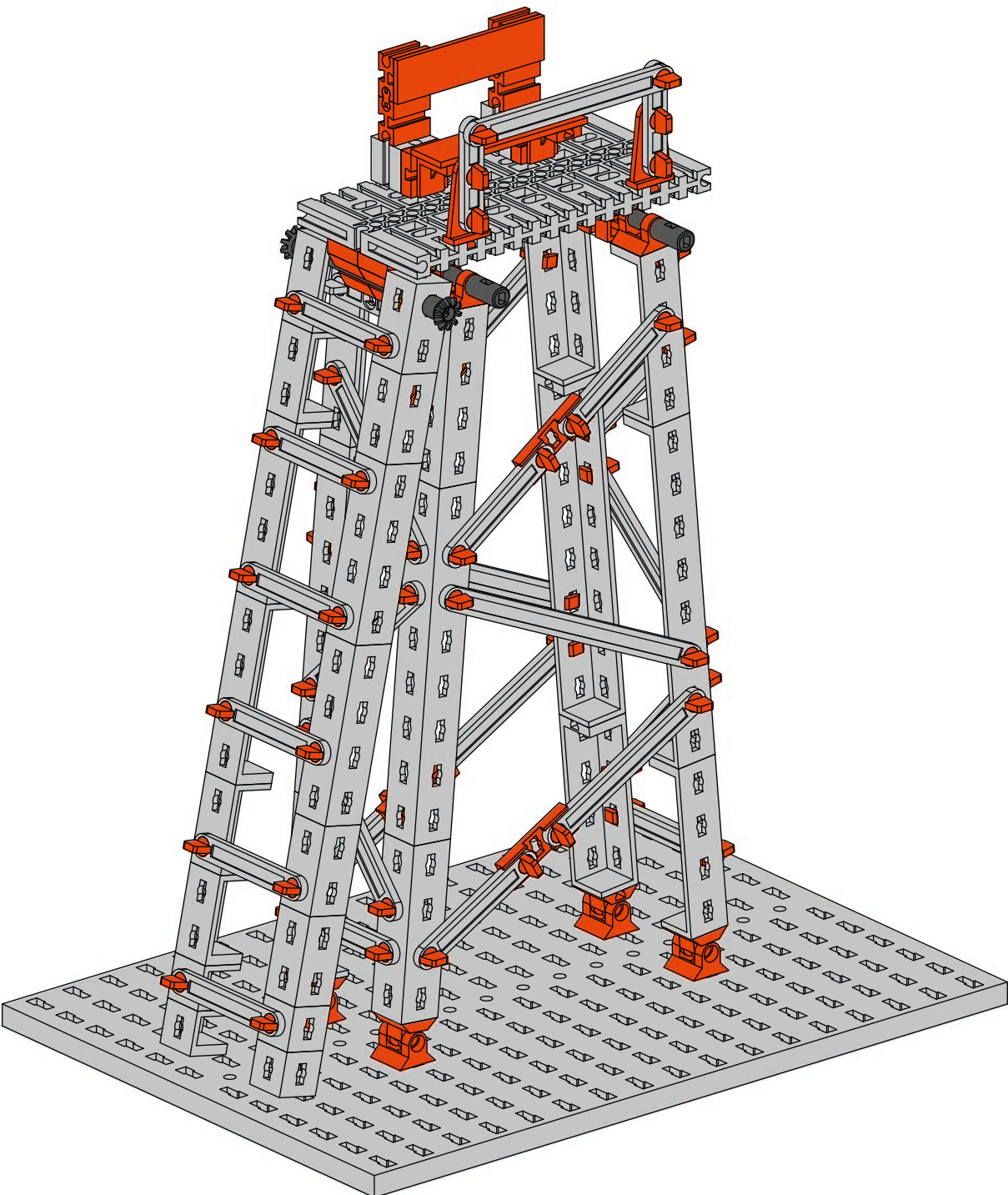


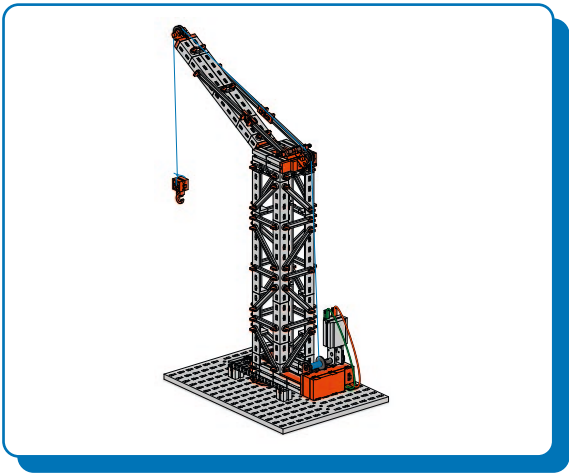
8



10



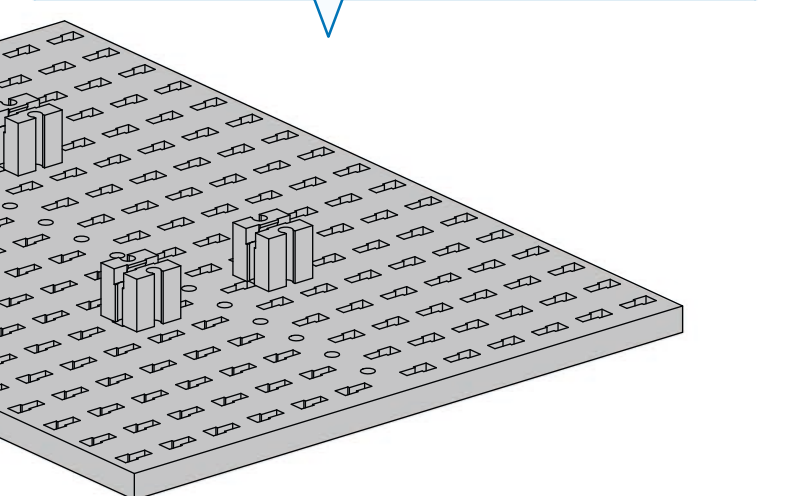
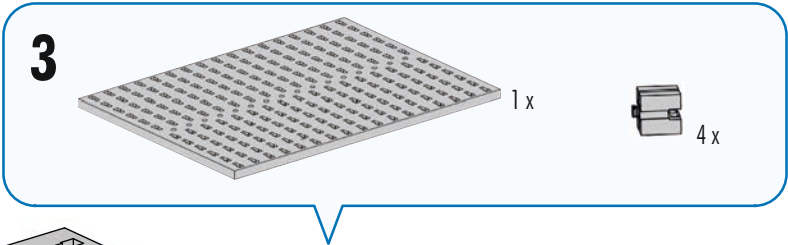
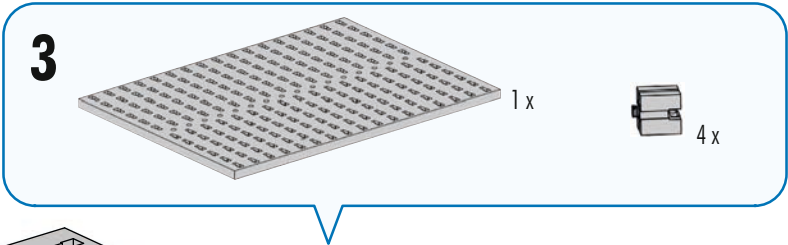
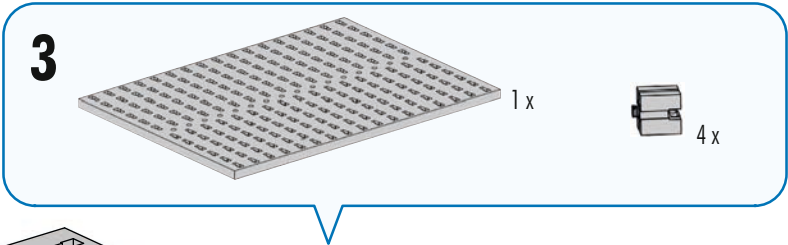
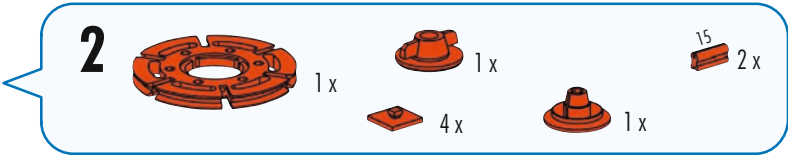
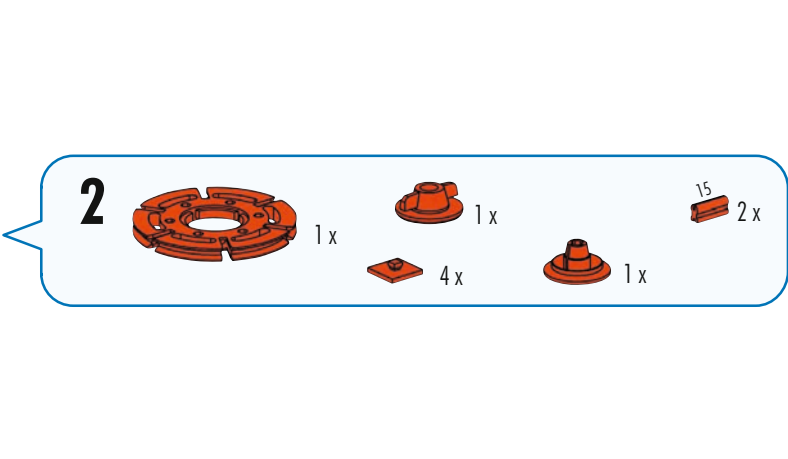
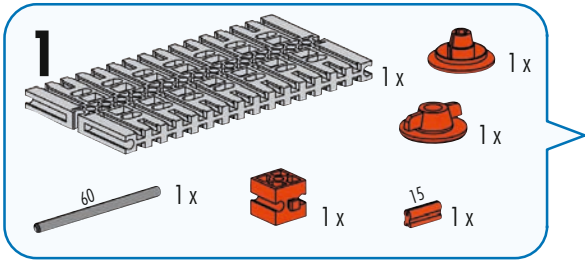
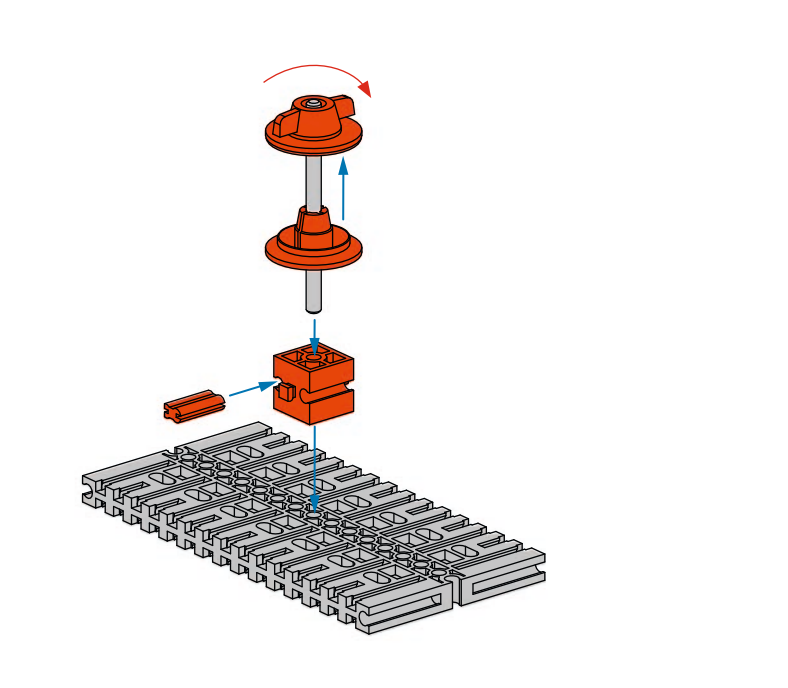




Kran
Crane
Grue

**Kraan
Grúa
Guindaste**

Gru
Кран
起重机

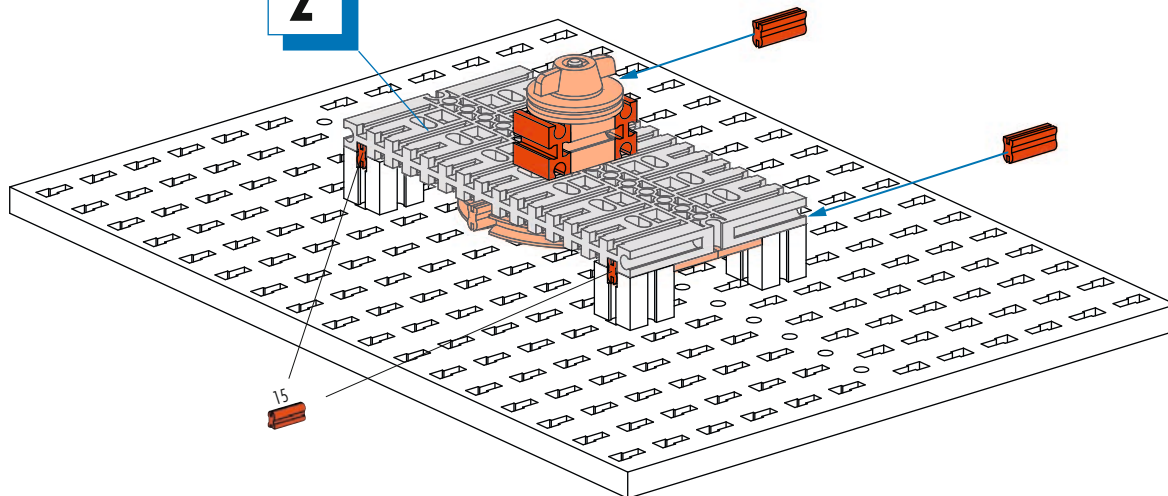


4

15 4 x

2 x

2

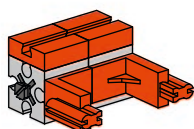
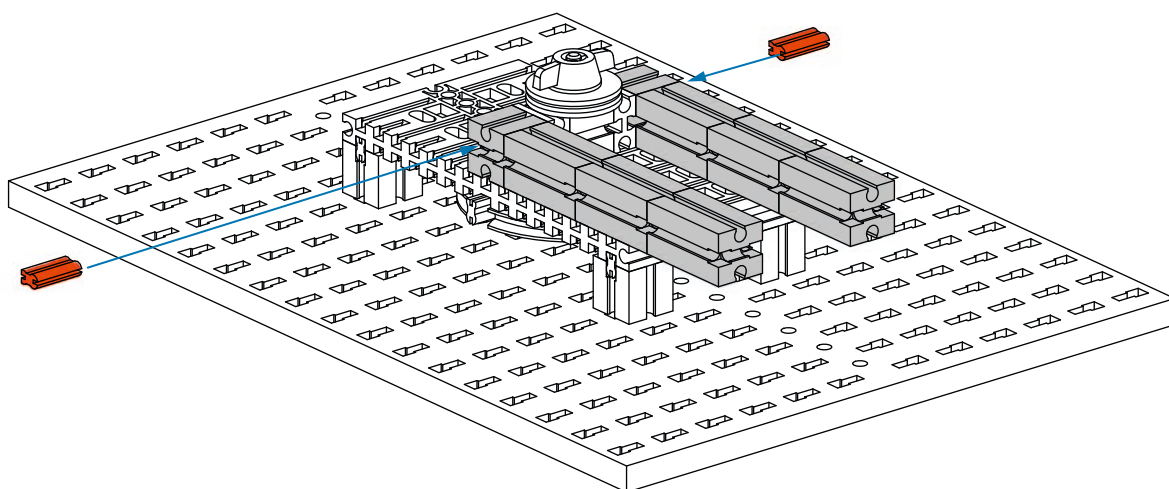


5

6 x

2 x

15 2 x



6

1 x

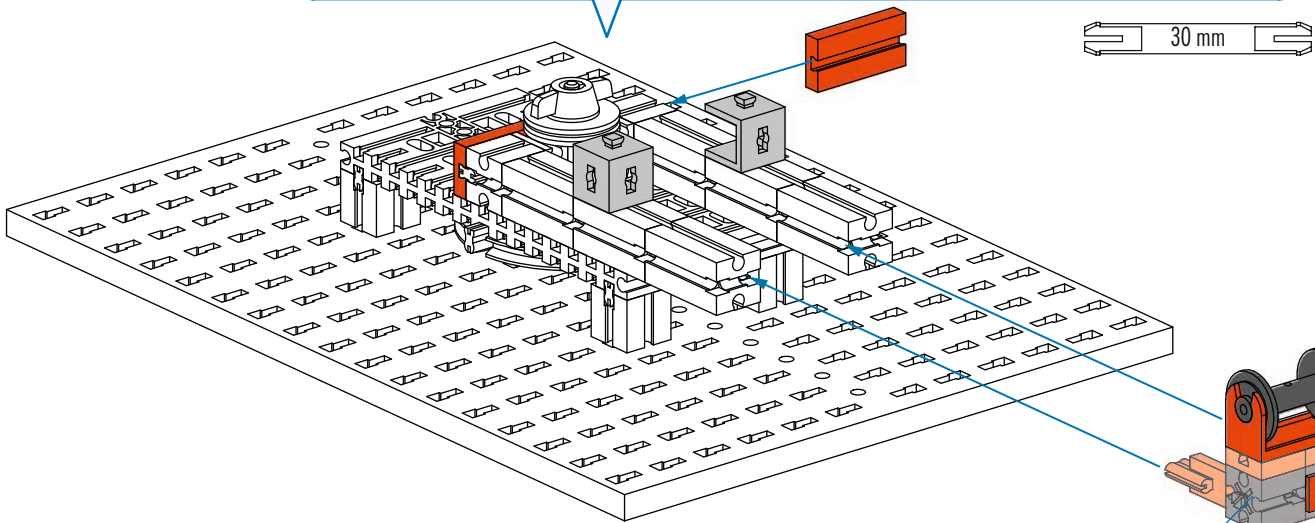
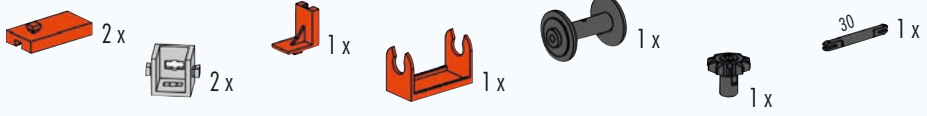
1 x

15 2 x

2 x

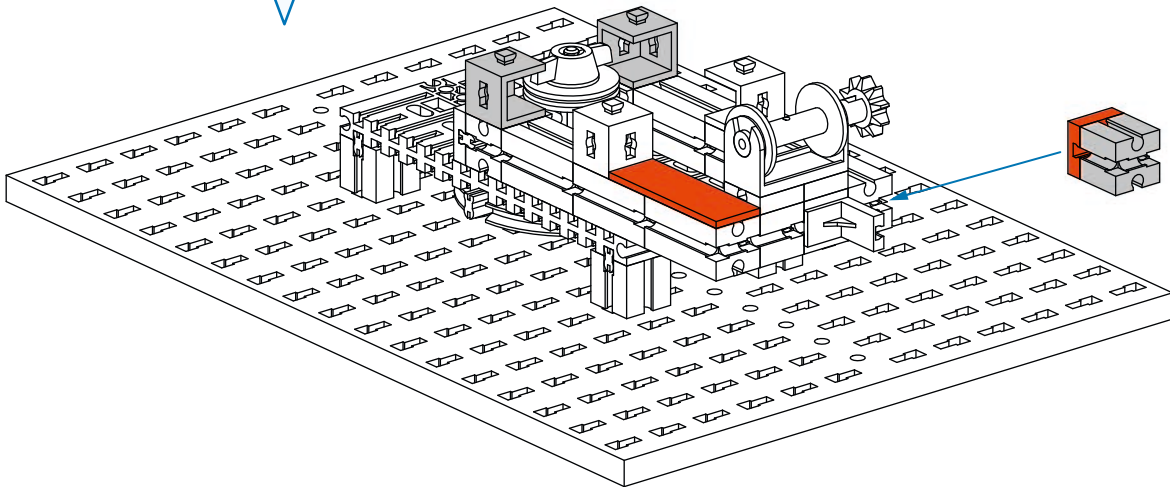
2 x

7

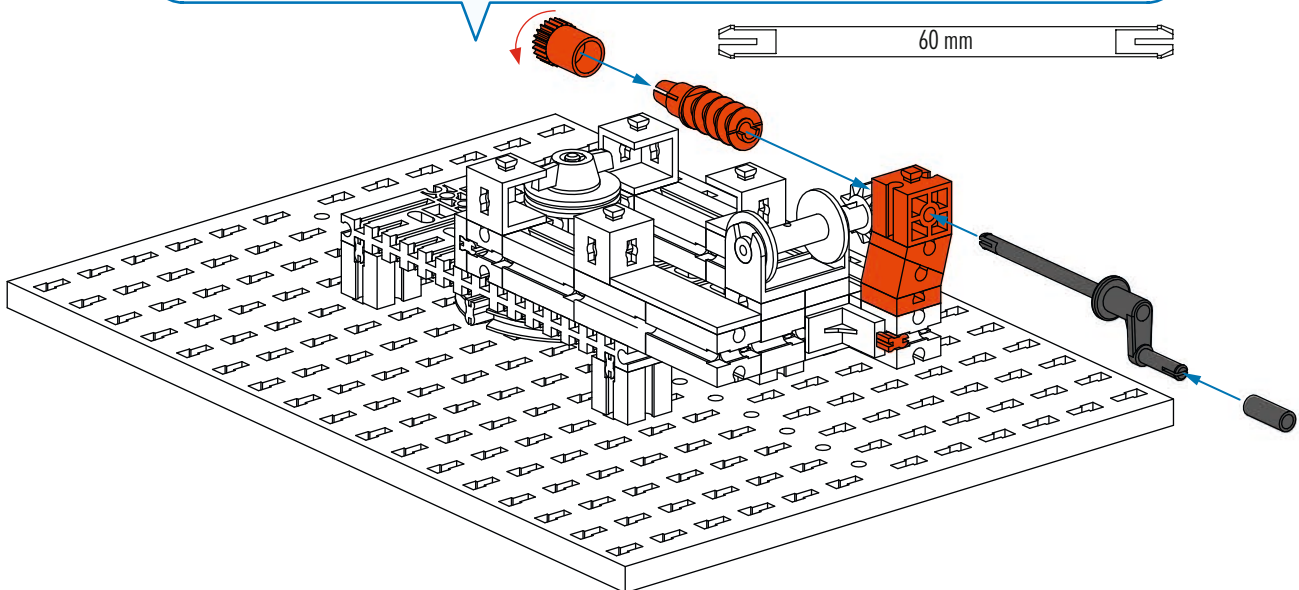


6

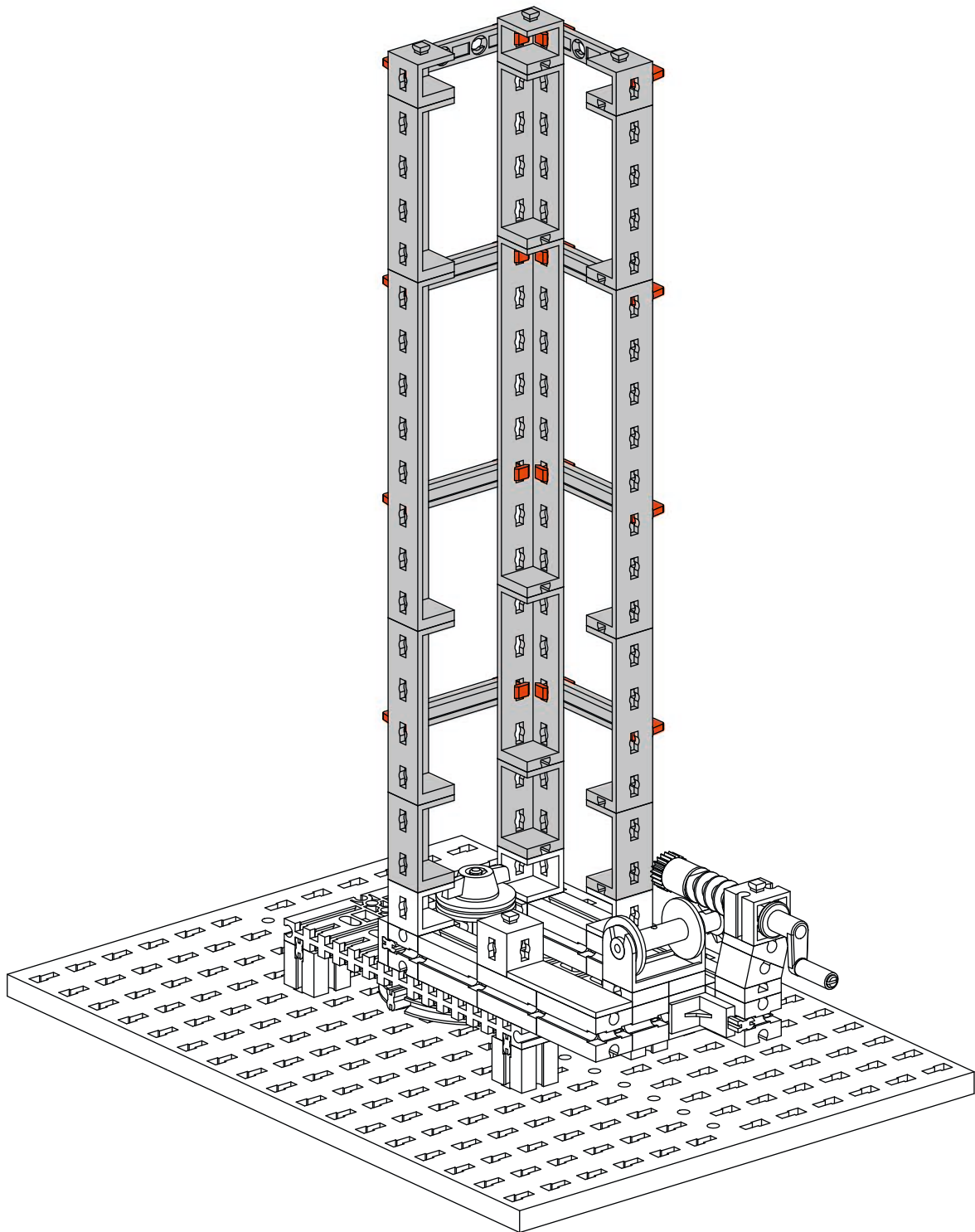
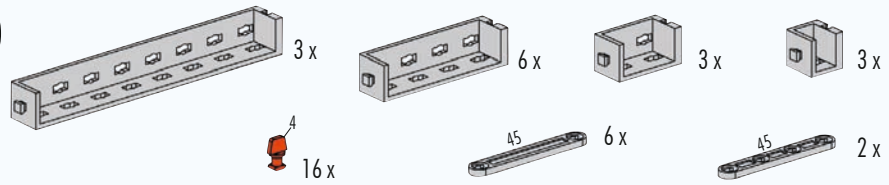
8



9



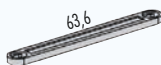
10



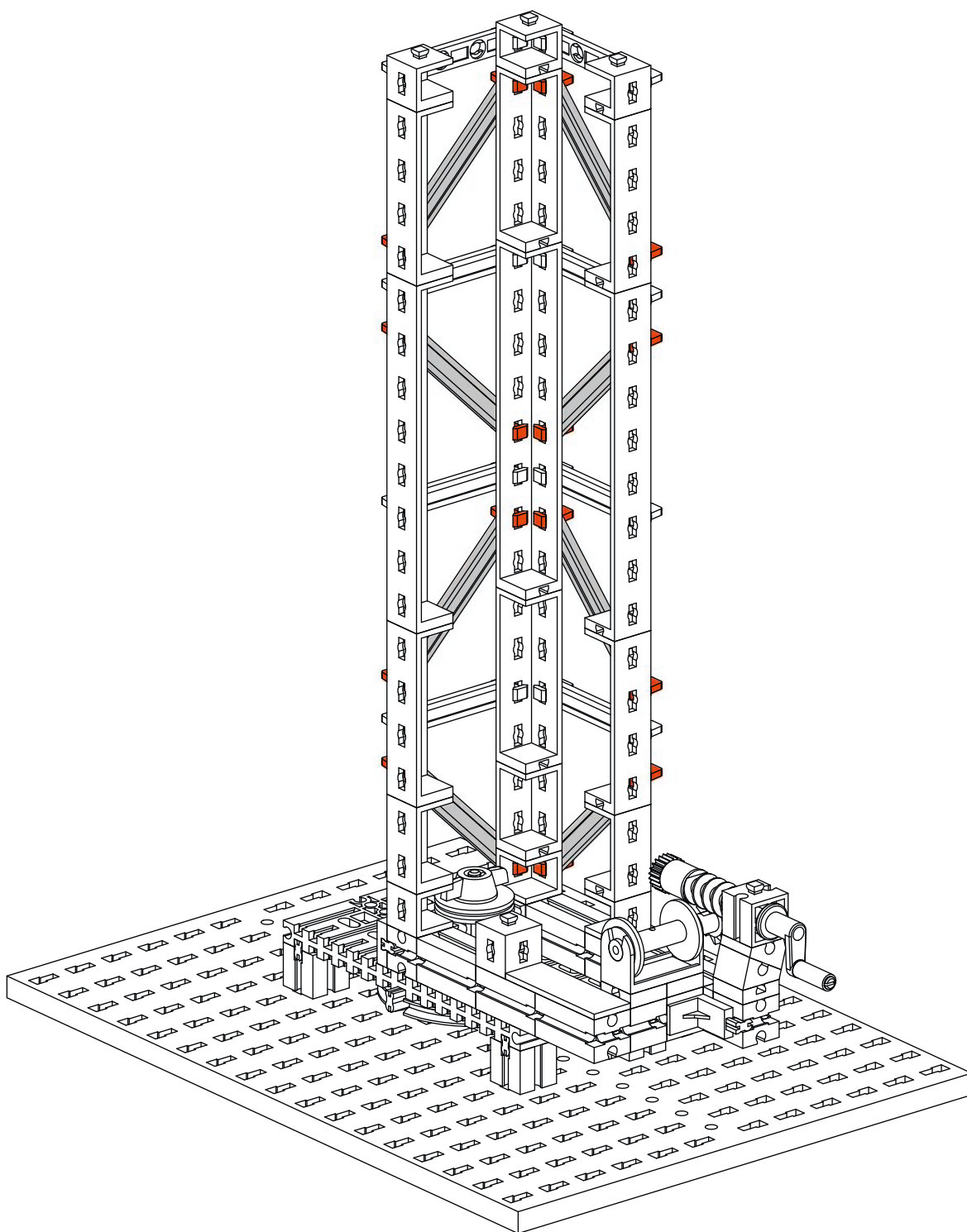
11



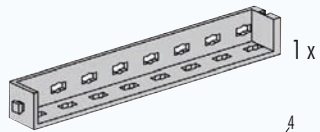
16 x



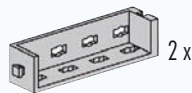
8 x



12



1 x



2 x



1 x



1 x



16 x

45

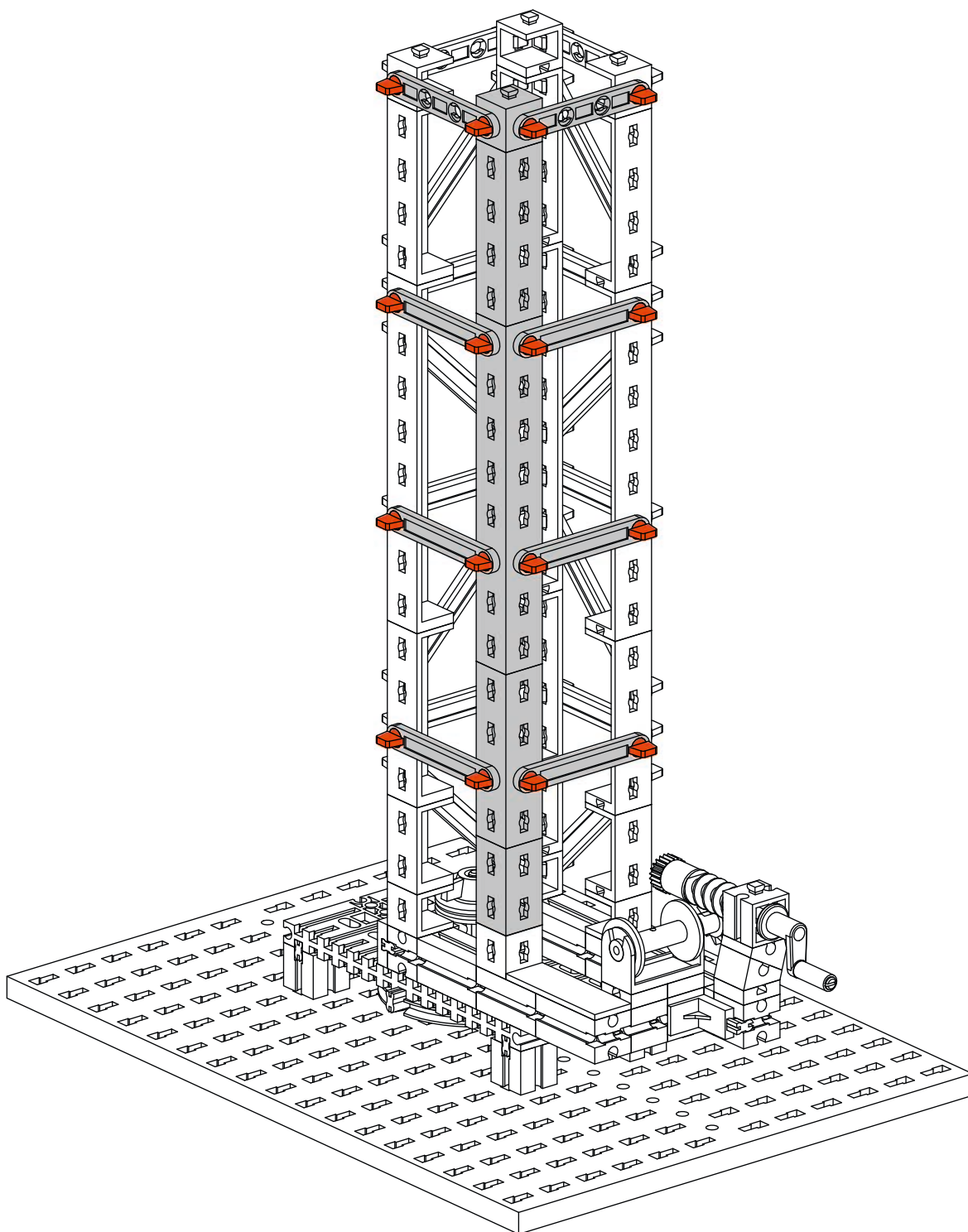


6 x

45



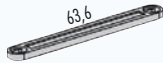
2 x



13



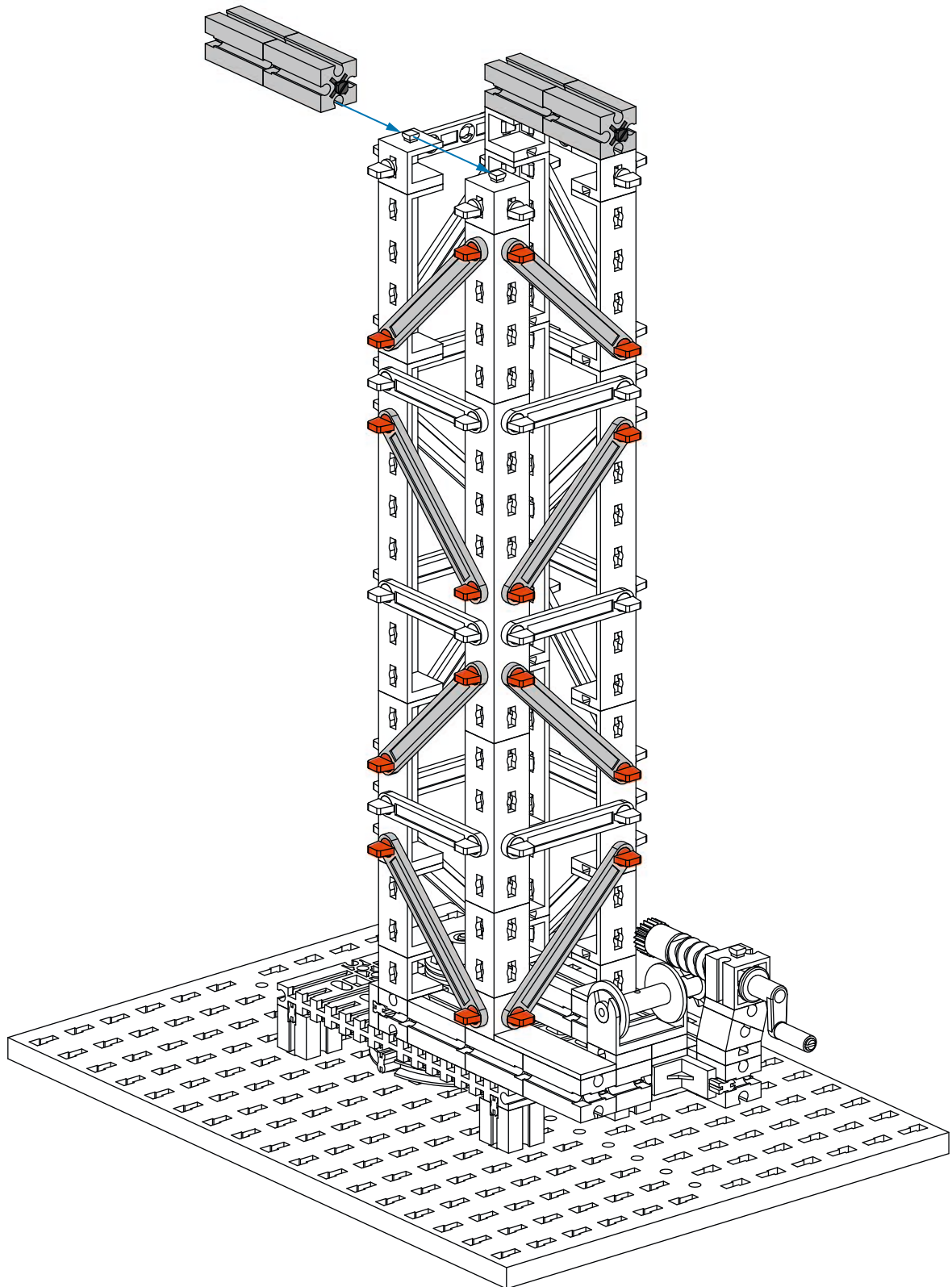
16 x



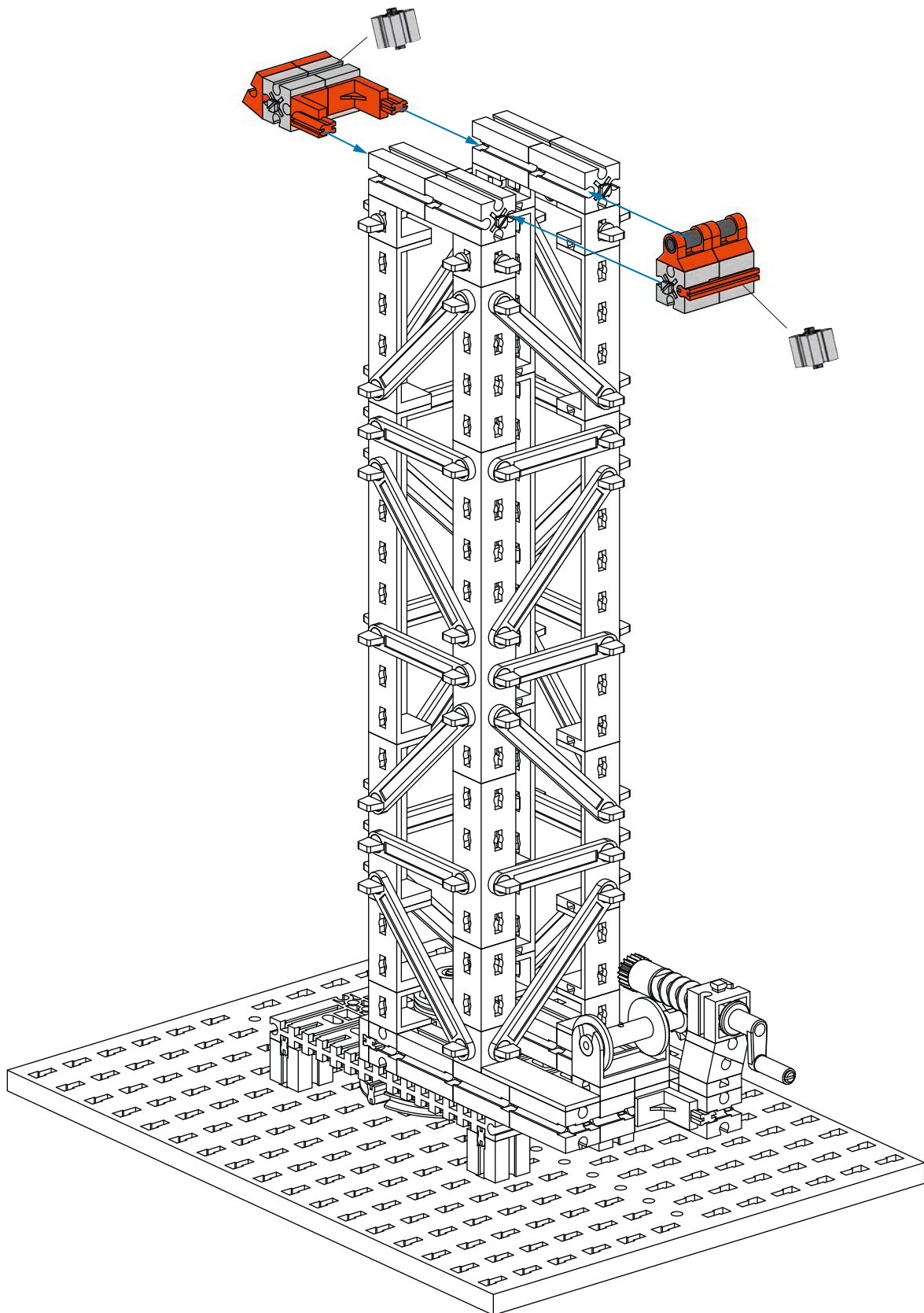
8 x



4 x



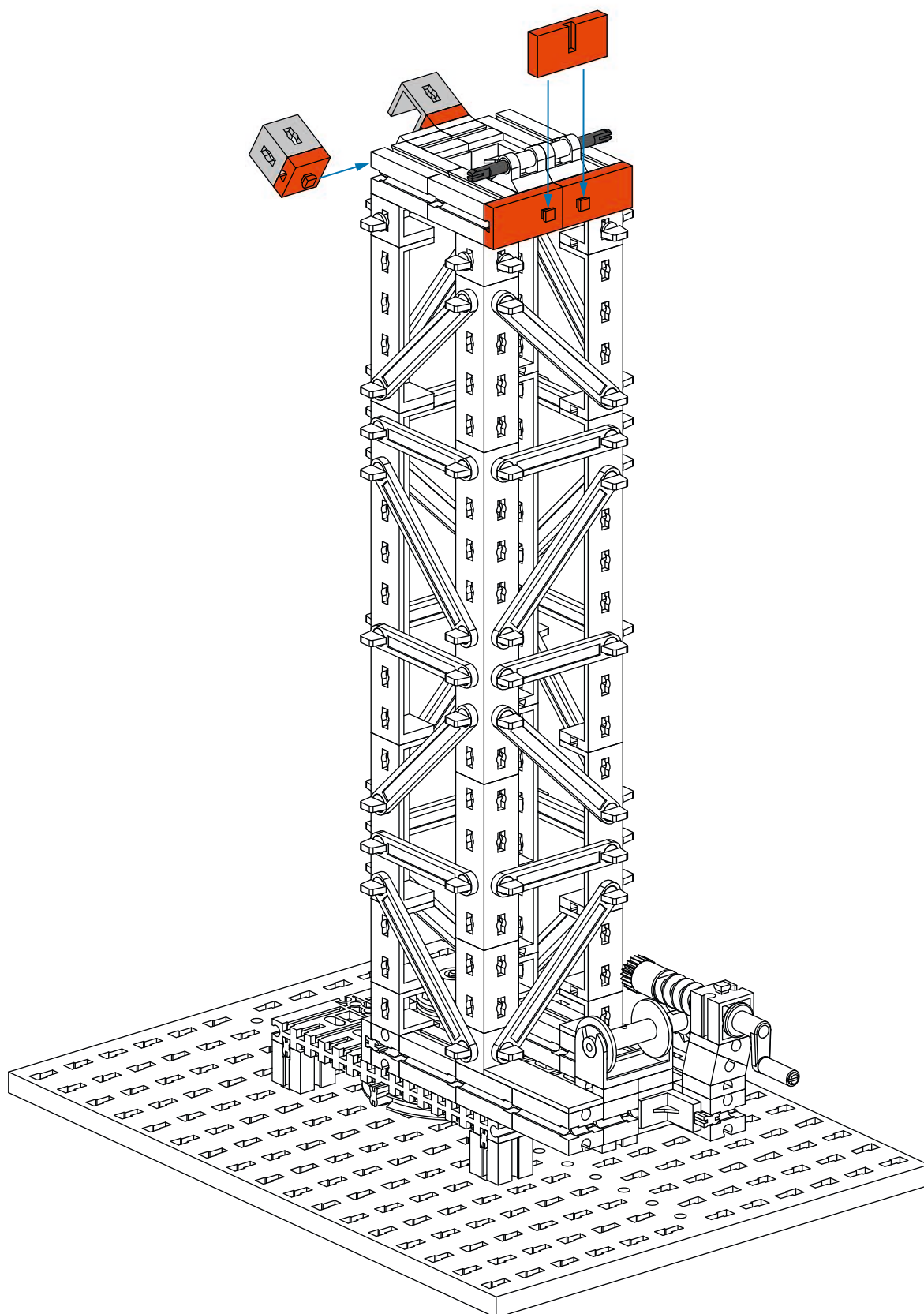
14

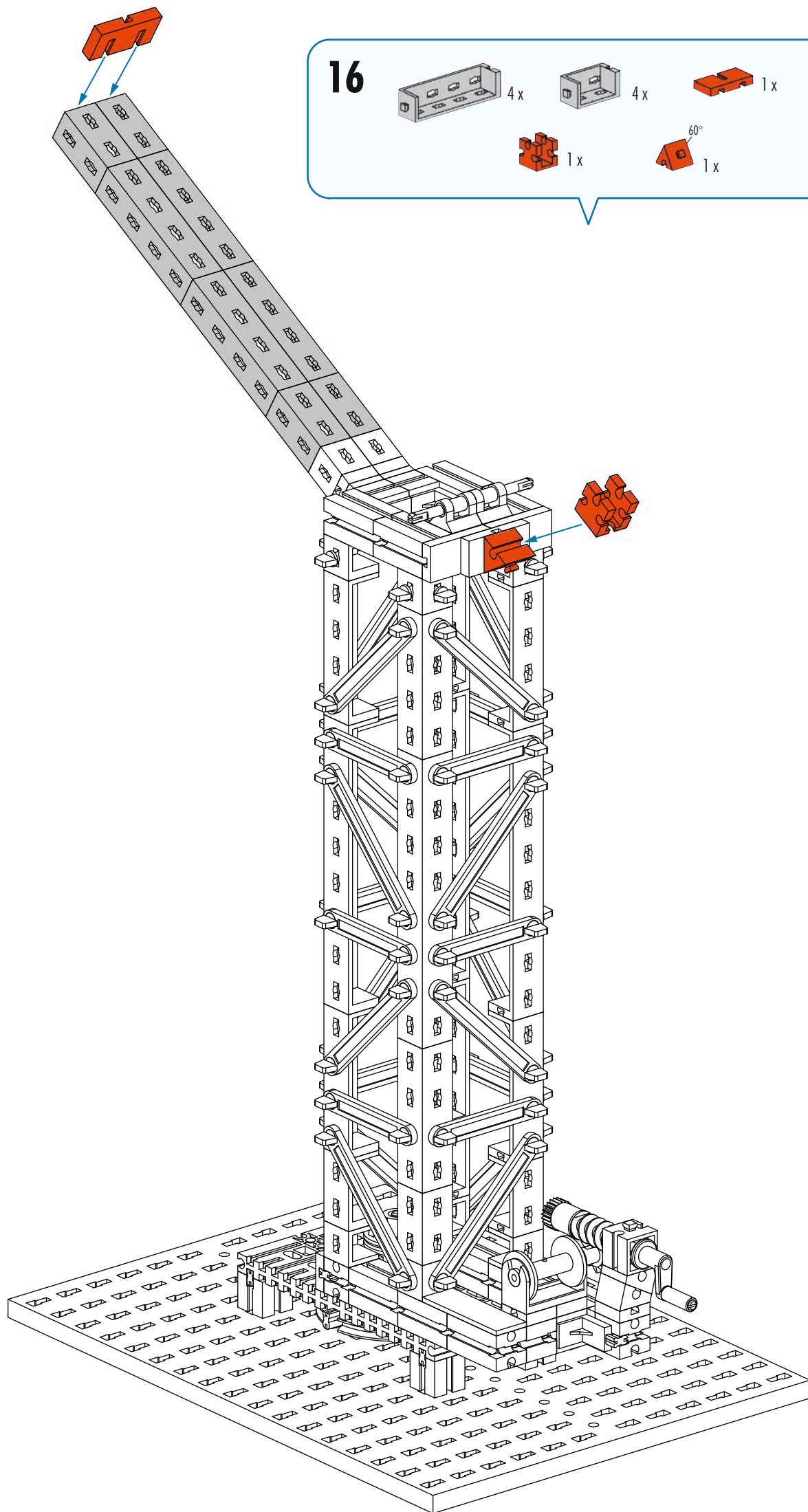


15

60 1x

 2 x 2 x 2 x 1 x

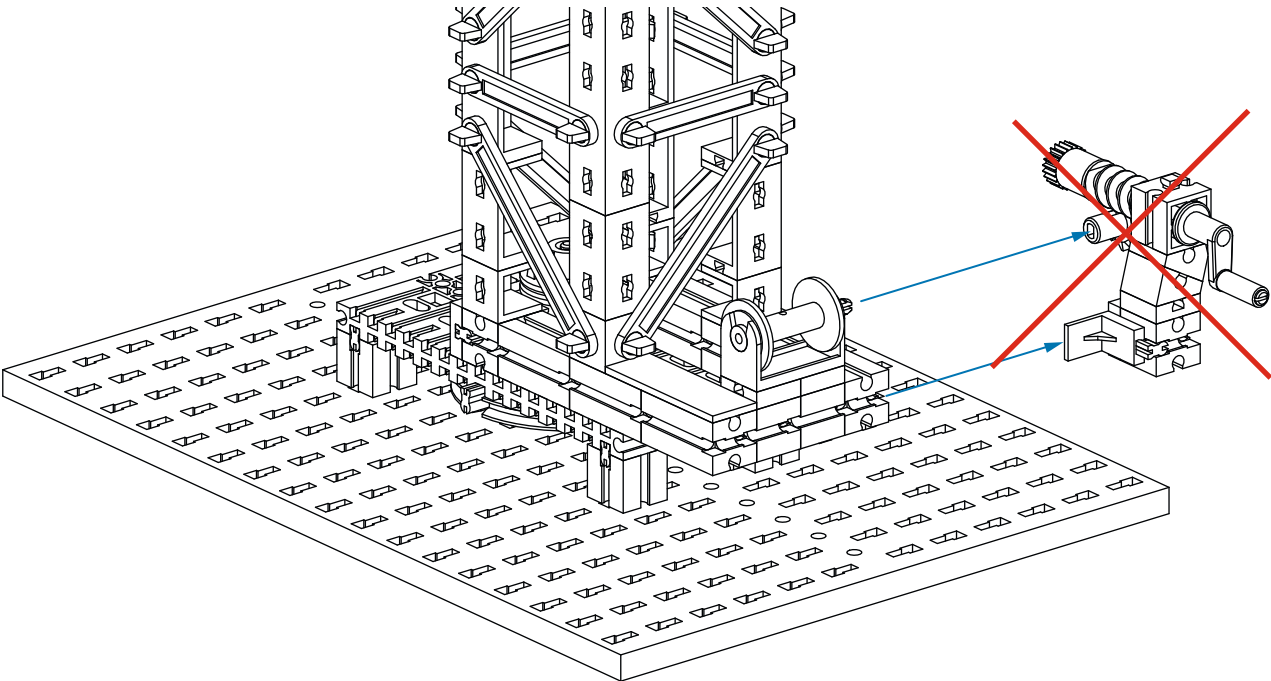
60 mm



Motorisierung
Motor unit
Motorisation

Motorisering
Motorización
Motorização

Motorizzazione
Моторизация
机动化



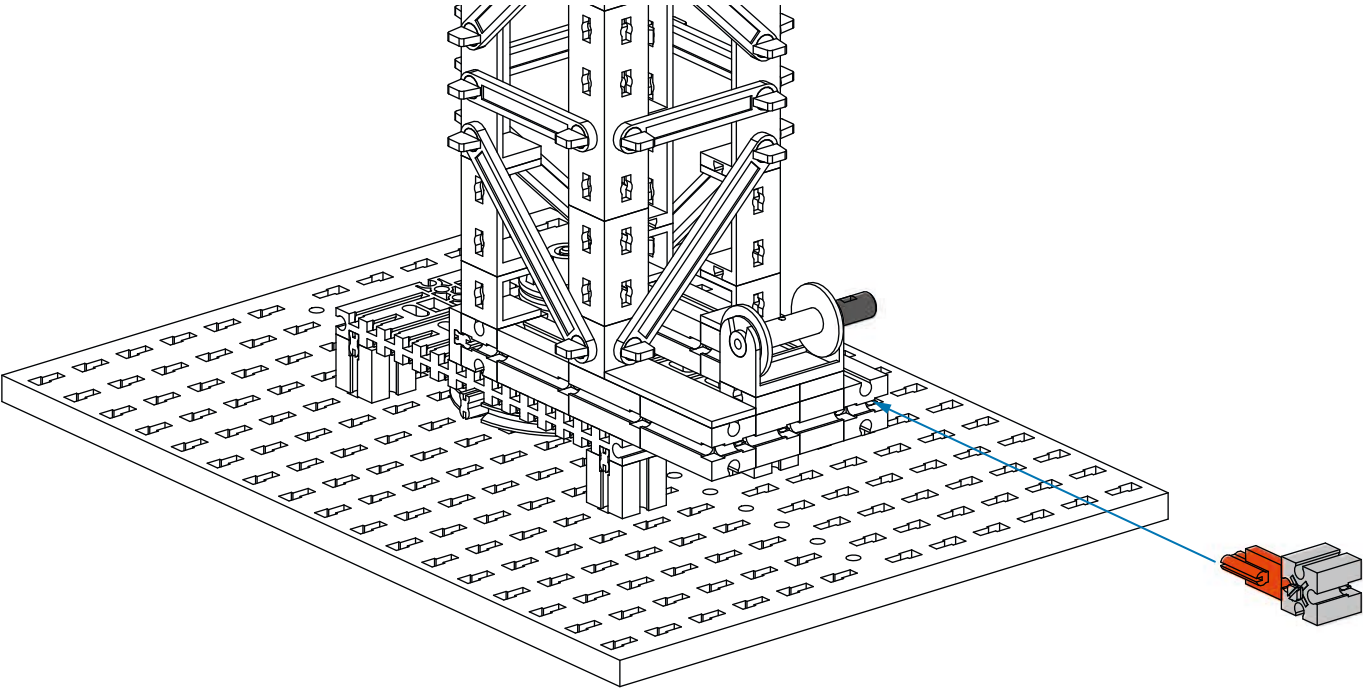
1

 1x

 1x

 1x

 1x



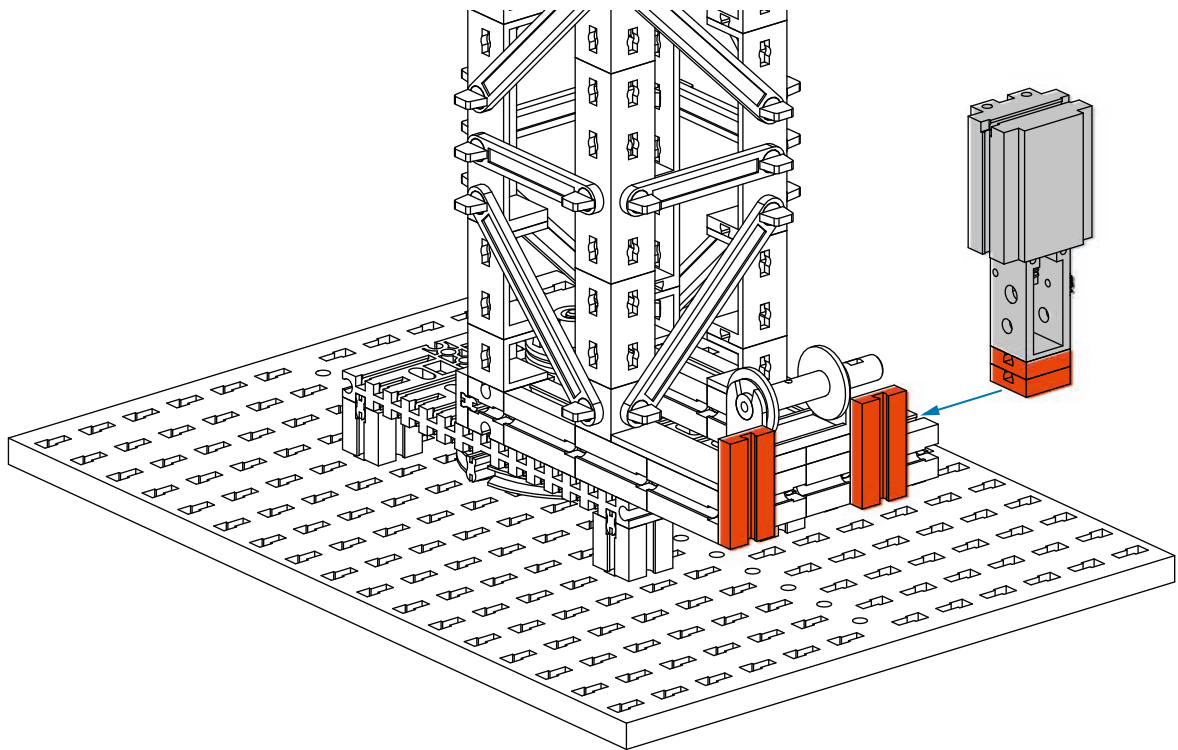
2

2 x

2 x

1 x

1 x

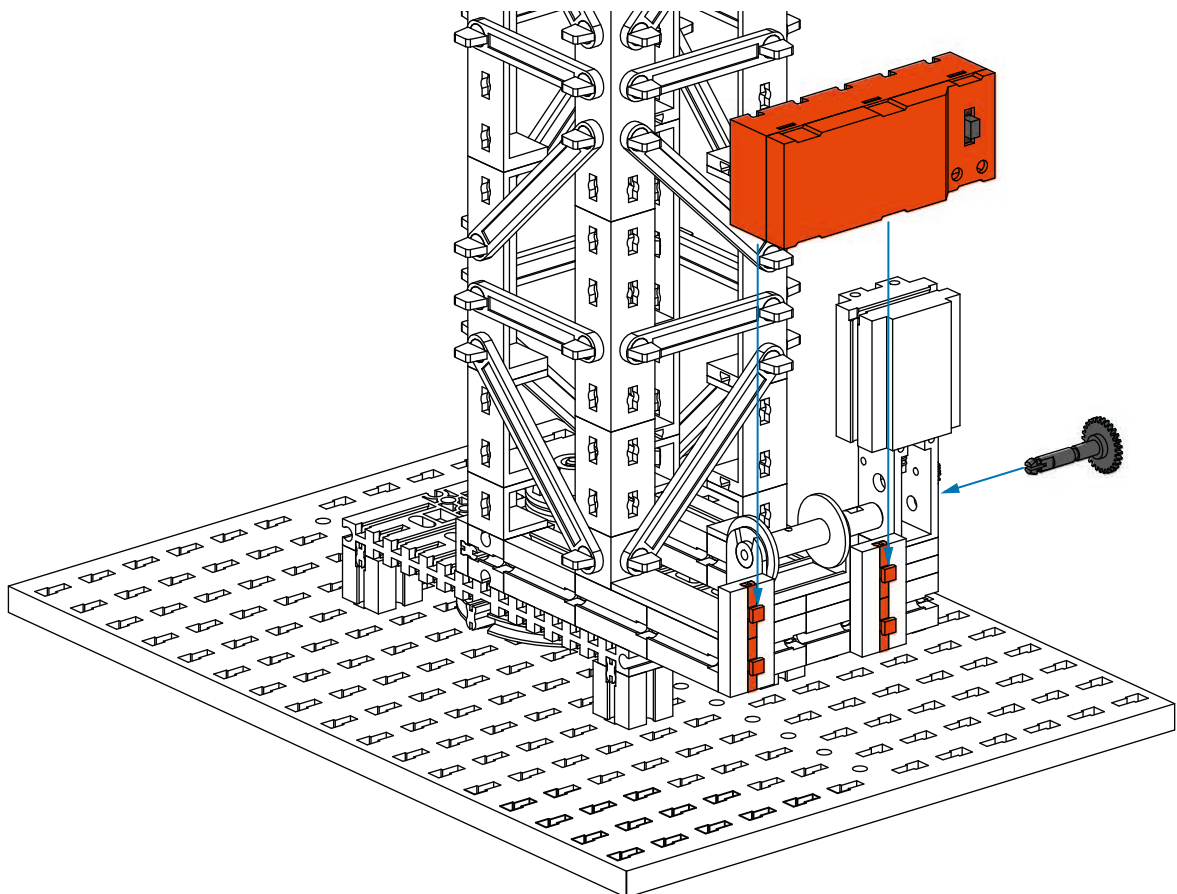


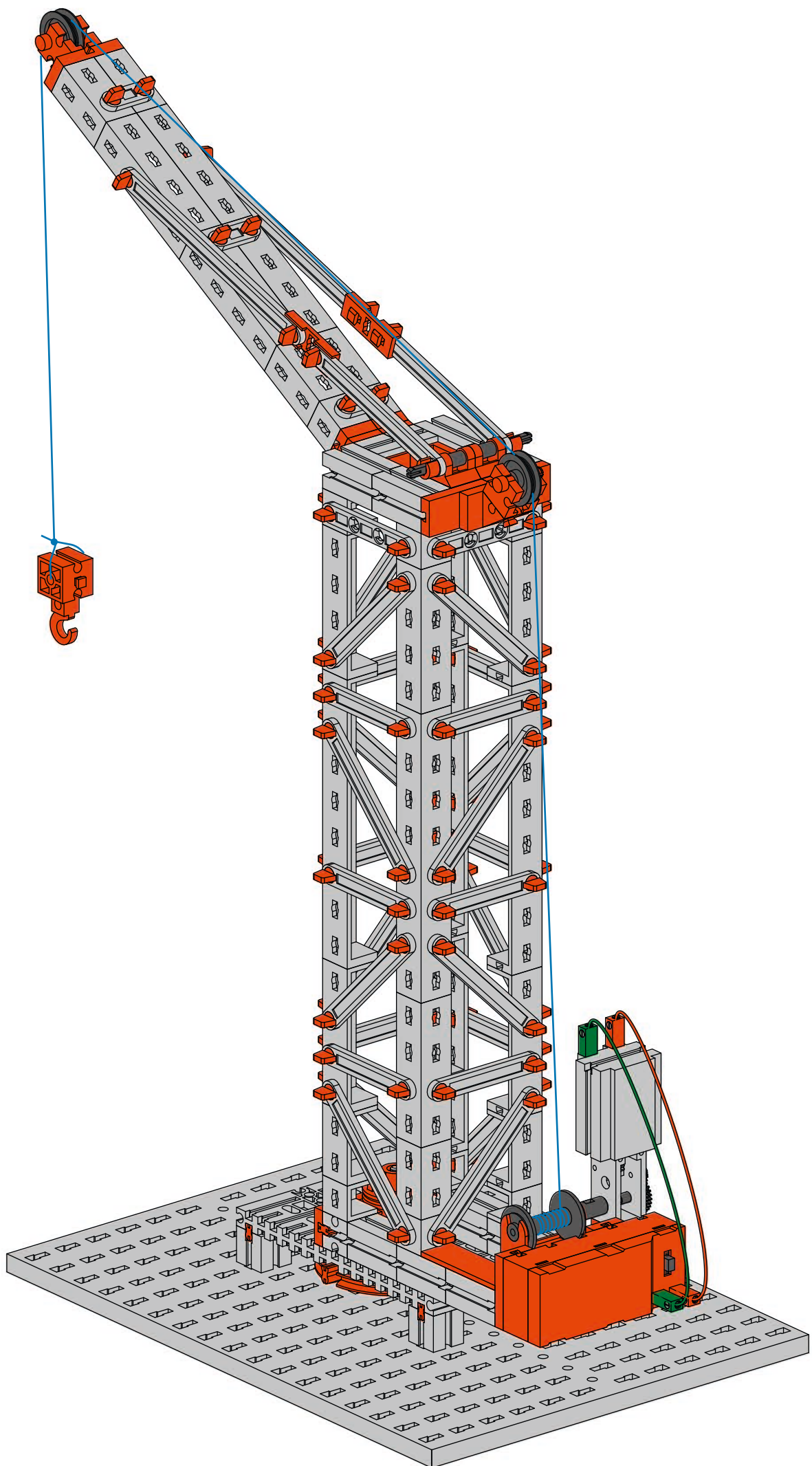
3

4 x

1 x

1 x





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



Retro Mechanics

30 Models