

**MECCANO**<sup>TM</sup>  
M A K E R S Y S T E M

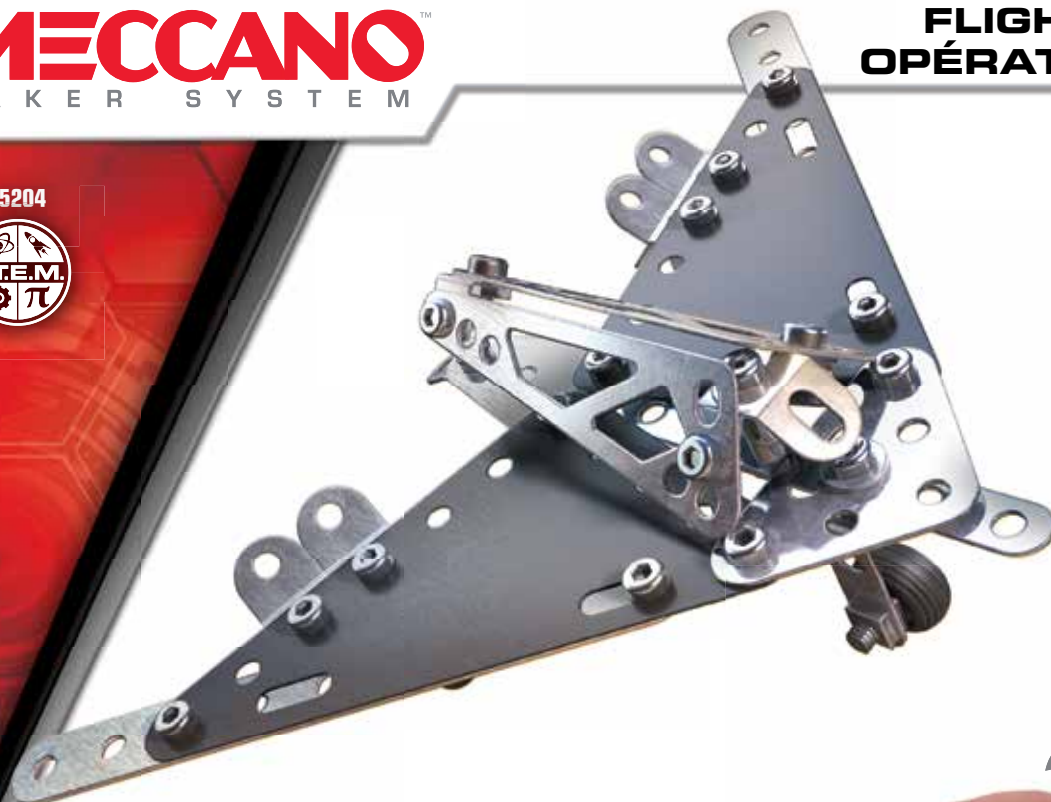
**FLIGHT ADVENTURE  
OPÉRATION AÉRIENNE**

MAKES  
POUR CONSTRUIRE

**10**

MODELS  
MODÈLES • MODELOS

15204



 **8+**

Instructions  
Notice de montage  
Instrucciones  
de construcción  
Bauanleitung

Bouwinstructie  
Istruzioni  
Instruções  
Инструкции

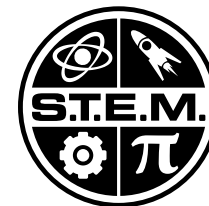
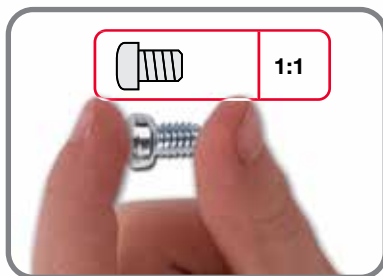


## NEW TOOLS / NOUVEAUX OUTILS

NUEVAS HERRAMIENTAS / NEUE WERKZEUGE

NIEUW GEREEDSCHAP / NUOVI ATTREZZI

NOVAS FERRAMENTAS / НОВЫЕ ИНСТРУМЕНТЫ



**GB.** For information on how this product supports today's STEM curriculum, visit [www.meccano.com](http://www.meccano.com).

**F.** Pour découvrir l'intérêt pédagogique de ce produit dans le cadre des matières STEM, rendez-vous sur [www.meccano.com](http://www.meccano.com).

**E.** Para mayor información sobre cómo este producto respalda las materias STEM visita: [www.meccano.com](http://www.meccano.com).

**D.** Für Informationen wie dieses Produkt den technisch-mathematischen Lehrplan (STEM) unterstützt, besuchen Sie bitte [www.meccano.com](http://www.meccano.com).

**NL.** Ga naar [www.meccano.com](http://www.meccano.com) voor meer informatie over hoe dit product het huidige STEM-curriculum ondersteunt.









**I.** Per informazioni su come questo prodotto contribuisce ad aiutare i ragazzi nelle materie STEM "scientifiche e tecniche", visitare il sito [www.meccano.com](http://www.meccano.com).

**P.** Para informações sobre a compatibilidade deste produto com os programas atuais STEM, acesse [www.meccano.com](http://www.meccano.com).

**R.** Информация о том, как с помощью этого продукта можно повысить эффективность процесса изучения дисциплин STEM, представлена на сайте [www.meccano.com](http://www.meccano.com).

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## ÍNDICE / INHALTSVERZEICHNIS / INHOUD / INDICE / ÍNDICE / СОДЕРЖАНИЕ

**AVAILABLE ONLINE / DISPONIBLES EN LIGNE**  
**DISPONIBLES EN LÍNEA / ONLINE VERFÜGBAR /**  
**ONLINE BESCHIKBAAR / DISPONIBILI ONLINE /**  
**DISPONÍVEL ONLINE / ДОСТУПНЫ В**  
**ОНЛАЙН-МАГАЗИНЕ**








**GB.** Content: 153 parts, 2 real tools and 1 instruction sheet for 4 models.  
**F.** Contenu: 153 pièces, 2 vrais outils et 1 notice de montage pour 4 modèles.  
**E.** Contenido: 153 piezas, 2 herramientas reales y 1 guía de instrucciones para 4 modelos.  
**D.** Inhalt: 153 Teile, 2 echte Werkzeuge und 1 Bauanleitung für 4 Modelle.  
**NL.** Inhoud: 153 onderdelen, 2 stuks gereedschap en 1 bouw instructie voor 4 modellen.  
**I.** Contenuto: 153 pezzi, 2 attrezzi e 1 guida per l'uso per 4 modelli.  
**P.** Conteúdo: 153 peças, 2 ferramentas reais e 1 folha de instruções para 4 modelos.  
**R.** В коробке: 153 деталей, 2 настоящих инструмента и 1 инструкция по сборке 4 моделей.

**GB.** Building instructions for the 6 other models are available at [www.meccano.com](http://www.meccano.com).  
**F.** Les notices de montage des 6 autres modèles sont disponibles sur [www.meccano.com](http://www.meccano.com).  
**E.** Hay instrucciones de construcción disponibles para los otros 6 modelos en [www.meccano.com](http://www.meccano.com).  
**D.** Bauanleitungen für die anderen 6 Modelle sind auf [www.meccano.com](http://www.meccano.com) zu finden.  
**NL.** Bouwinstructies voor de andere 6 modellen zijn beschikbaar op [www.meccano.com](http://www.meccano.com).  
**I.** Le istruzioni di montaggio degli altri 6 modelli sono disponibili alla pagina [www.meccano.com](http://www.meccano.com).  
**P.** Instruções de montagem dos restantes 6 modelos disponíveis em [www.meccano.com](http://www.meccano.com).  
**R.** Инструкции по сборке 6 других моделей можно найти на сайте [www.meccano.com](http://www.meccano.com).

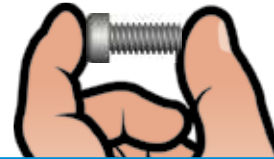
**GB.** Only one model can be built at a time. **F.** Les pièces fournies ne permettent de monter qu'un seul modèle à la fois. **E.** Solo es posible construir un modelo a la vez. **D.** Jeweils nur eins der Modelle baubar.  
**NL.** Er kan maar een model tegelijk worden gebouwd. **I.** Permette di realizzare un solo modello per volta. **P.** Só é possível montar um modelo de cada vez. **R.** Одновременно можно построить только одну модель.







1

-  x1
-  x1
-  x1
-  9.5 mm 3/8" x1
-  x1

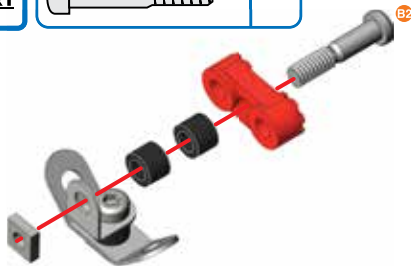
-  S2 1:1



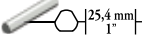




2

-  x1
-  x2
-  19 mm 3/4" x1
-  x1

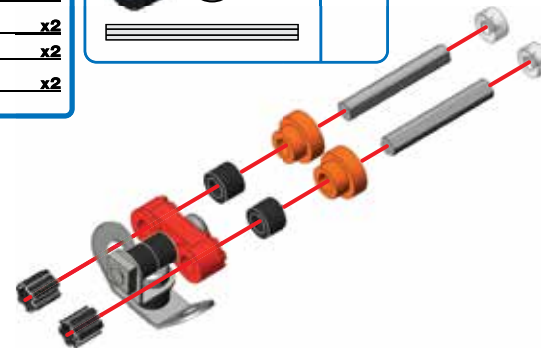
-   A338 1:1
-  B2








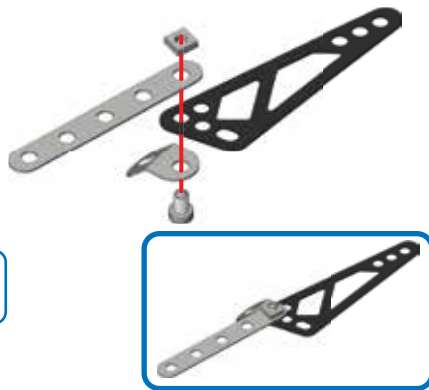
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-  25.4 mm 1" x2
-  x2
-  x2
-  x2
-  x2

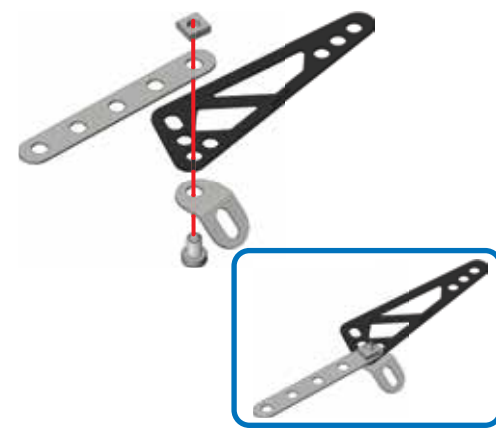
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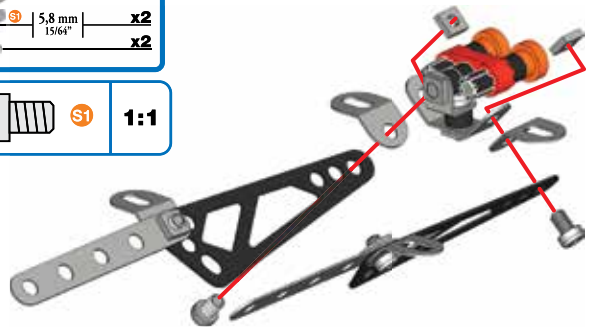
- 4**
-  **x1**
  -  **x1**
  -  **x1**
  -  **x1**
  -  **x1**







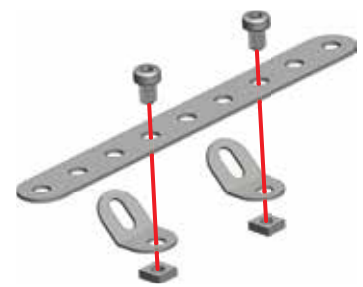
- 5**
-  **x1**
  -  **x1**
  -  **x1**
  -  **x1**
  -  **x1**



- 6** ③+④+⑤+
-  **x2**
  -  **x2**
  -  **x2**



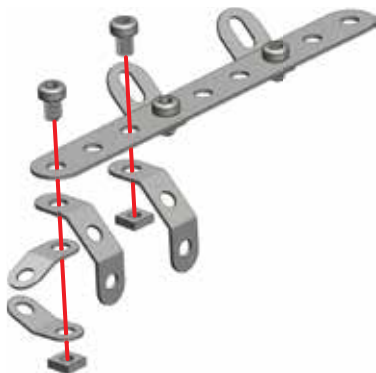
- 7**
-  **x1**
  -  **x2**
  -  **x2**
  -  **x2**



**8**

	x2
	x2
	x2
	x2

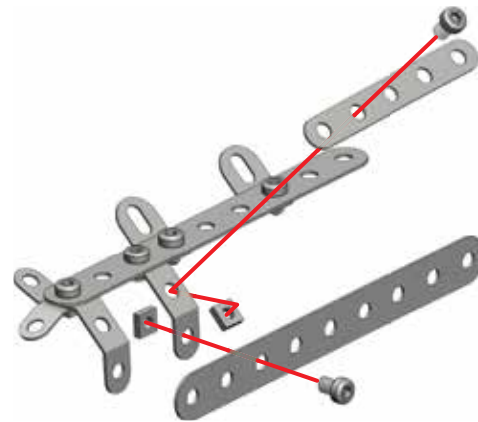
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**9**

	x1
	x1
	x2
	x2

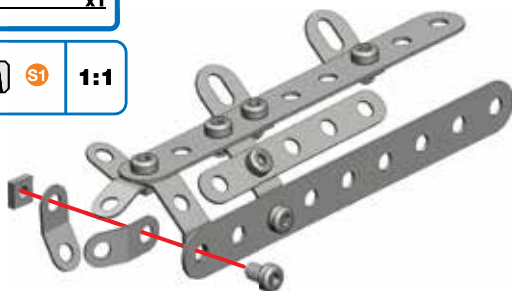
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**10**

	x2
	x1
	x1

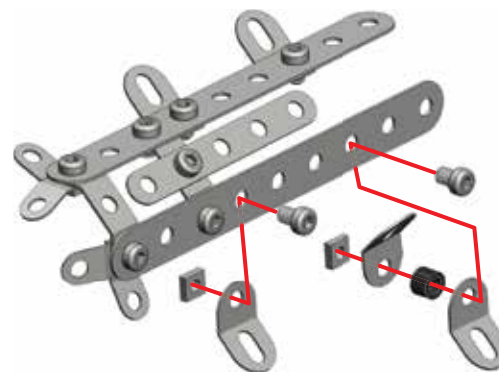
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**11**

	x3
	x1
	x1
	x1
	x2

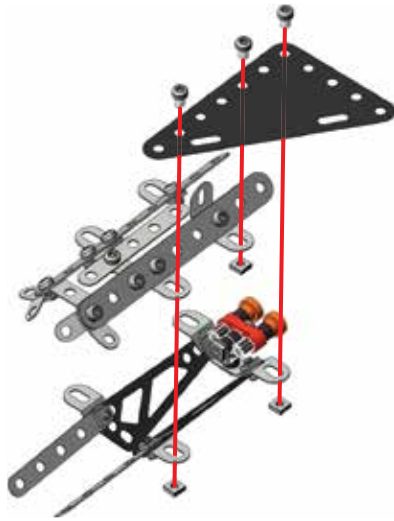
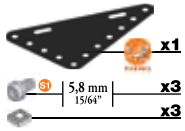
	A338	1:1
	S2	
	S1	



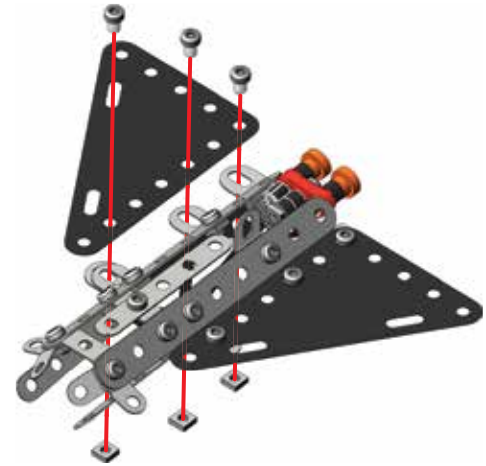
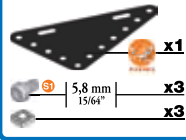


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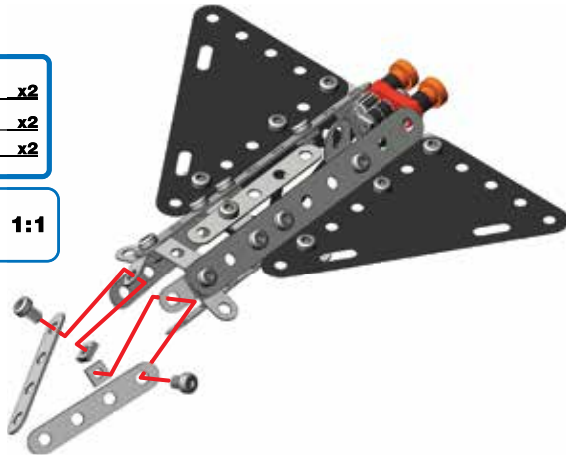
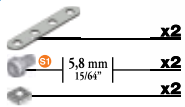
(6) + (11) +



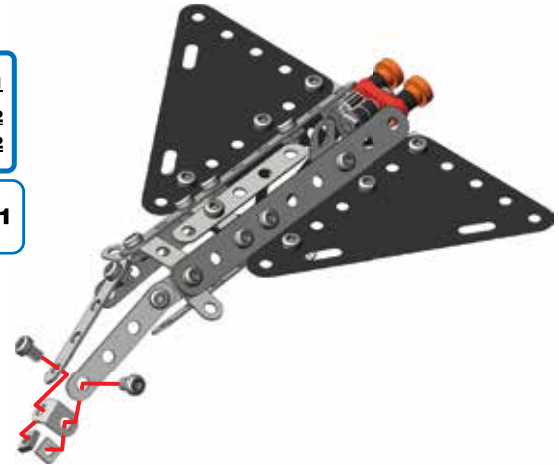
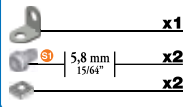
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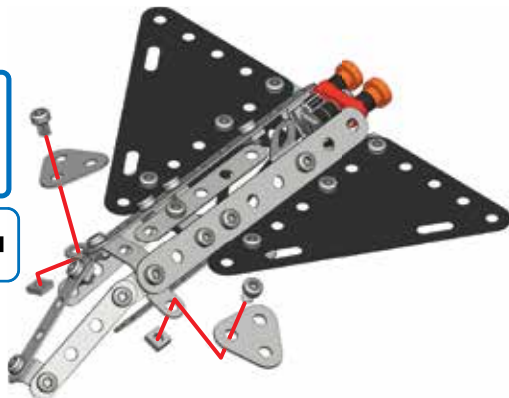
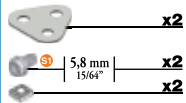
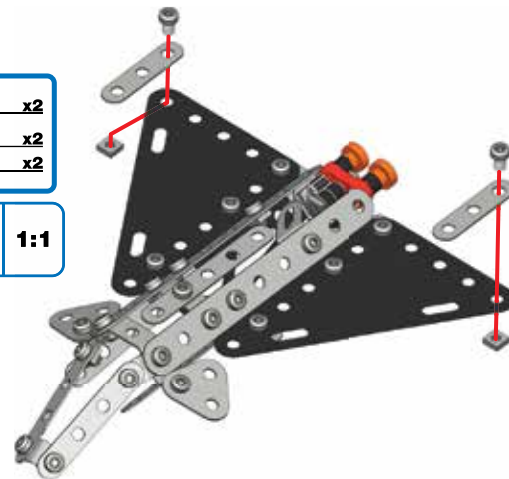
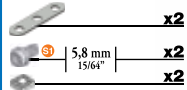
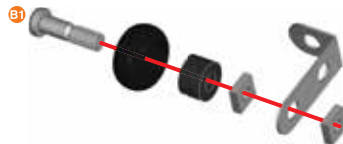
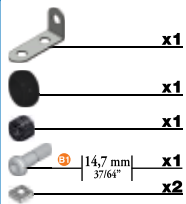
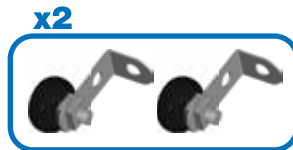
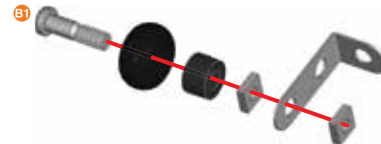
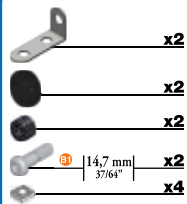
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15










**16****17****18****19**






**20**

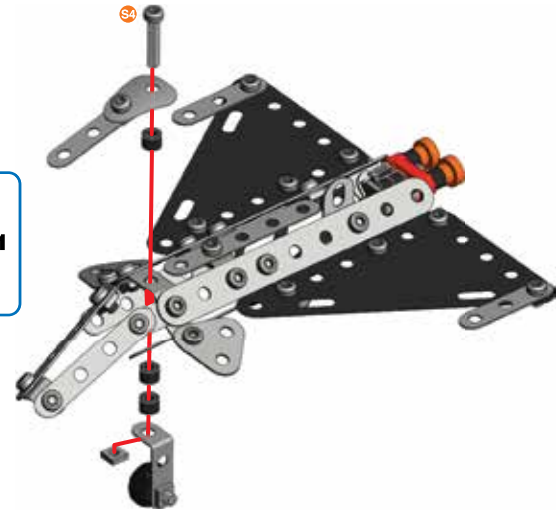
-  **x1**
-  **x1**
-  5,8 mm | 15/64" **x1**
-  **x1**
-  **x1**



**21**



**18 + 20 +**

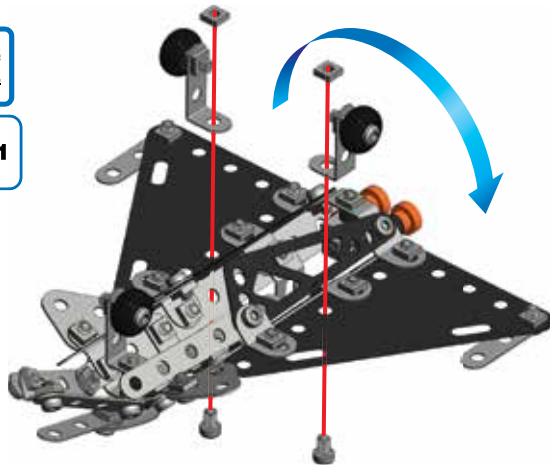
-  **x3**
-  19 mm | 3/4" **x1**
-  **x1**








**22**

**19 + 21 +**

-  5,8 mm | 15/64" **x2**
-  **x2**






**23**

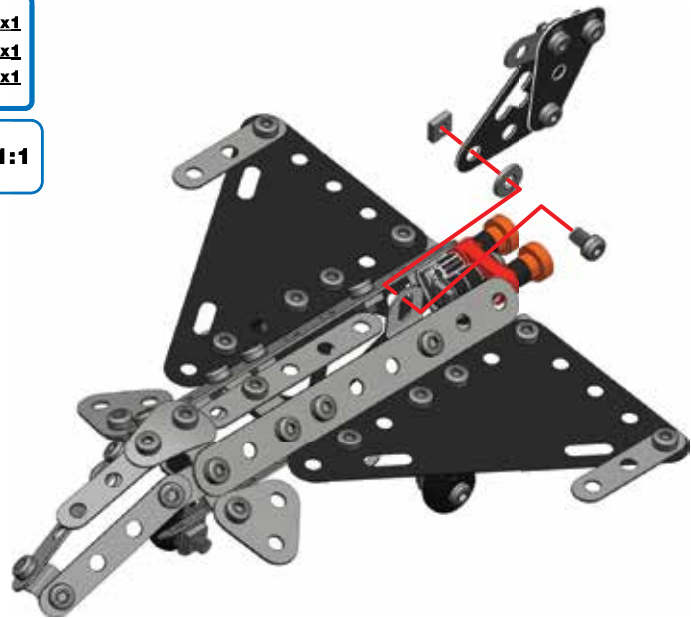
-  **x1**
-  **x1**
-  **x1**
-  5,8 mm | 15/64" **x3**
-  **x3**

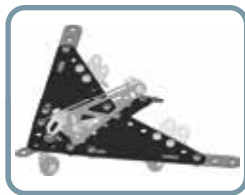


**24** 22+23+

	5,8 mm 15/64"	<b>x1</b>
		<b>x1</b>
		<b>x1</b>

	<b>S1</b>	<b>1:1</b>
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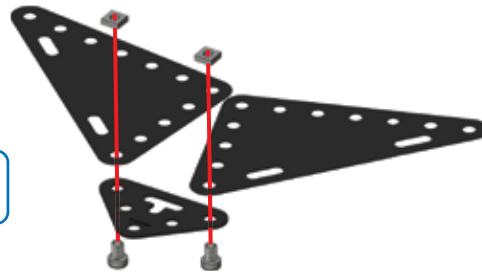
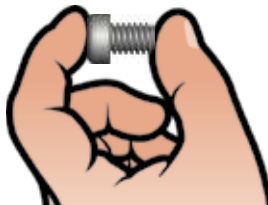




**1**

	<b>x2</b>
	<b>x1</b>
	<b>x2</b>
	<b>x2</b>

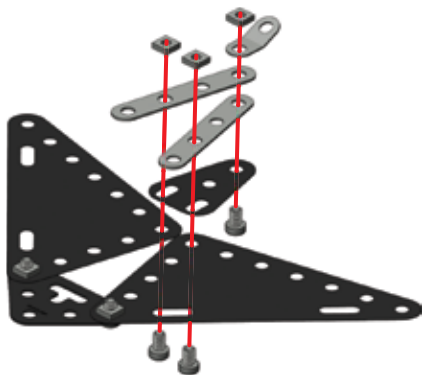
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**2**

	<b>x2</b>
	<b>x1</b>
	<b>x1</b>
	<b>x3</b>
	<b>x3</b>

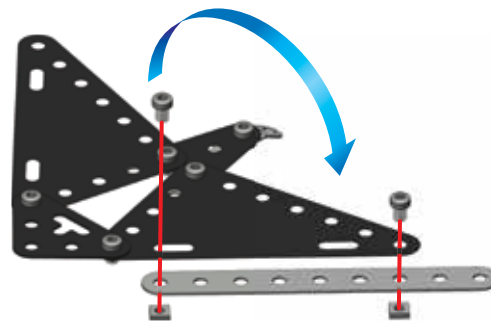
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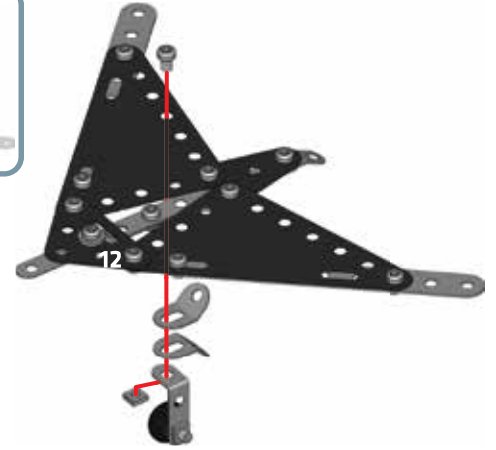
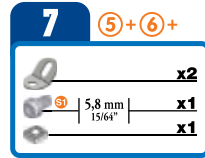
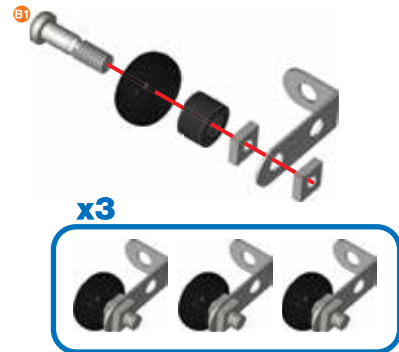
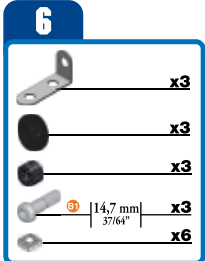
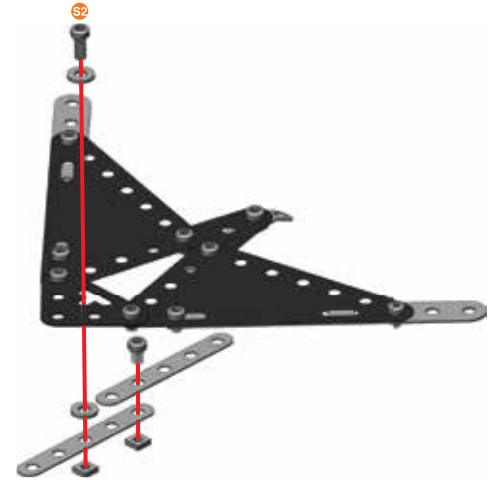
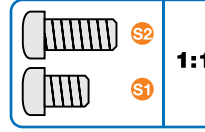
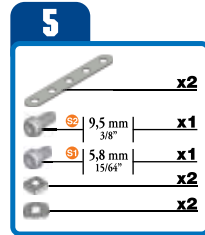
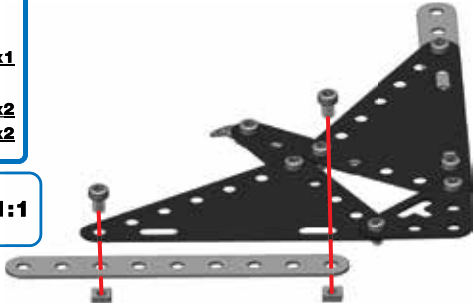
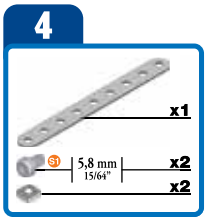





**3**

	<b>x1</b>
	<b>x2</b>
	<b>x2</b>

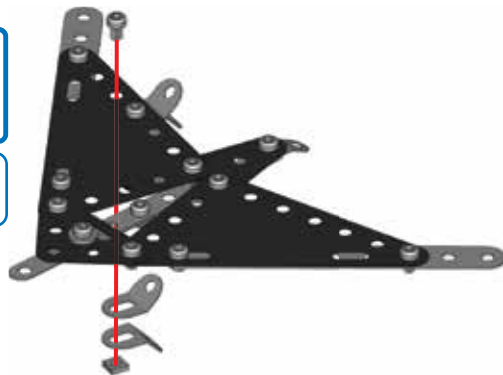
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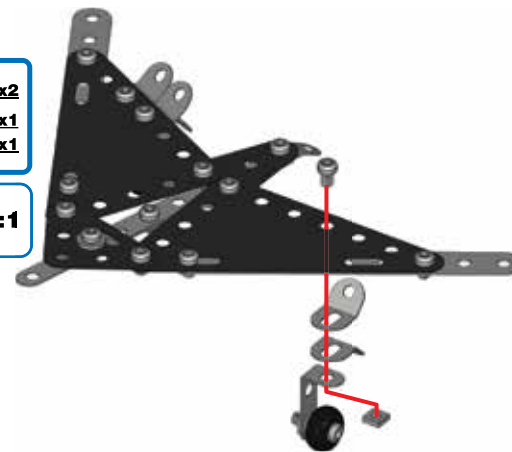
- 8**
-  **x2**
  -  5,8 mm | **x1**
  -  15/64" | **x1**




-  **S1** | **1:1**



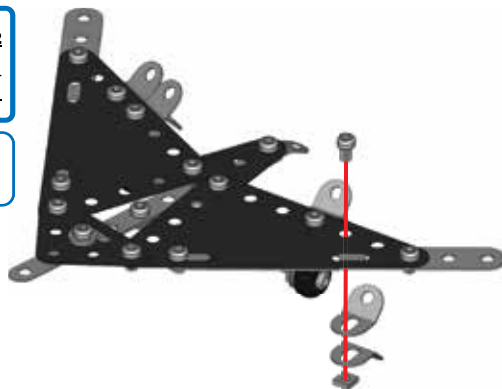
- 9** **6+8+**
-  **x2**
  -  5,8 mm | **x1**
  -  15/64" | **x1**


-  **S1** | **1:1**

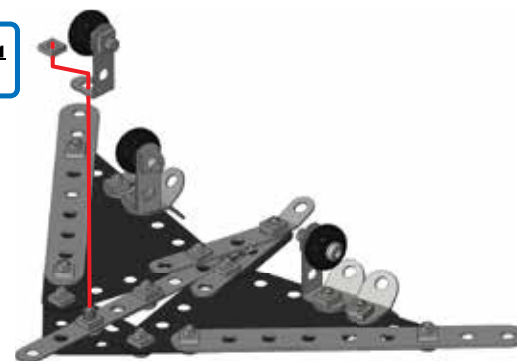


- 10**
-  **x2**
  -  5,8 mm | **x1**
  -  15/64" | **x1**

-  **S1** | **1:1**



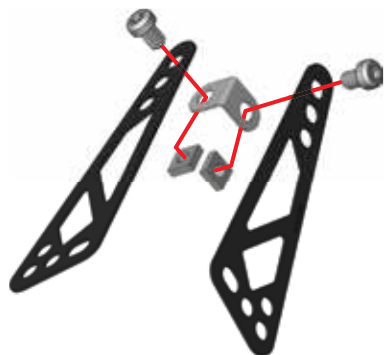
- 11** **6+10+**
-  **x1**



**12**

	<b>x2</b>
	<b>x1</b>
5,8 mm 15/64"	<b>x2</b>
	<b>x2</b>

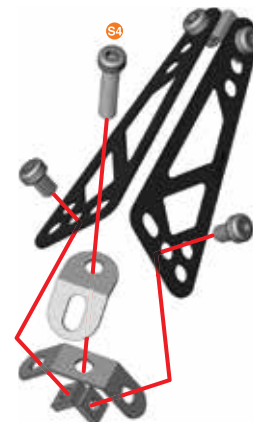
	<b>S1</b>	<b>1:1</b>
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**13**

	<b>x1</b>
	<b>x1</b>
19 mm 3/4"	<b>x1</b>
5,8 mm 15/64"	<b>x2</b>
	<b>x2</b>

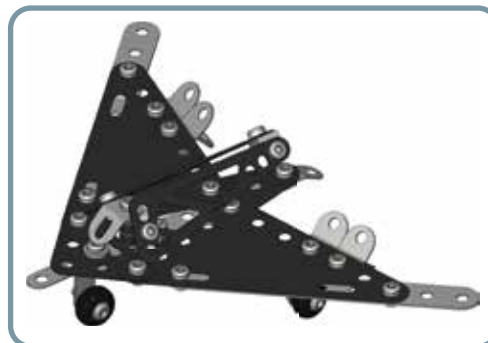
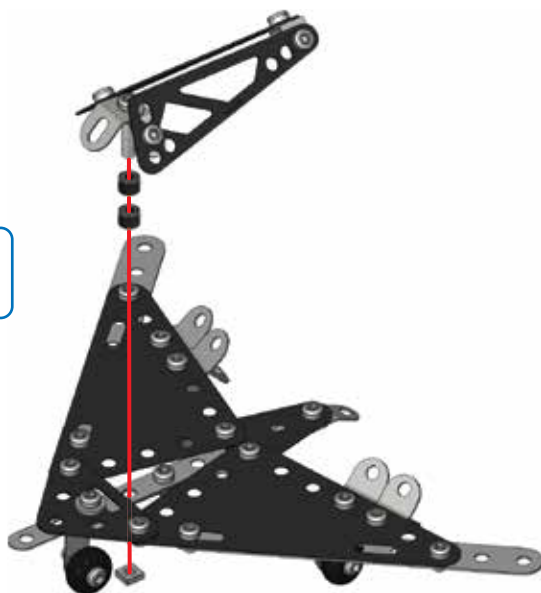
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	<b>S1</b>	



**14** ⑪+⑬+

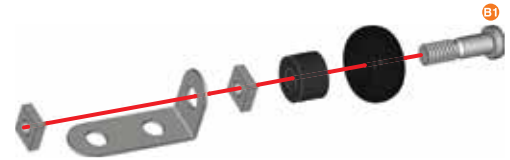
	<b>x2</b>
	<b>x1</b>

	<b>A338</b>	<b>1:1</b>
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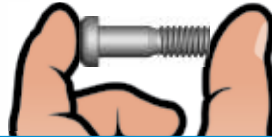
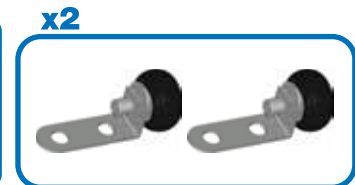




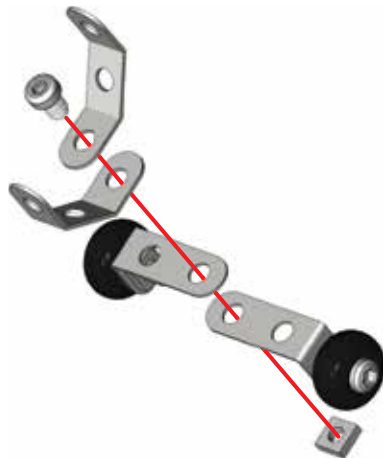
- 1**
- x2
  - x2
  - x2
  - | 14,7 mm | x2  
37/64"
  - x4



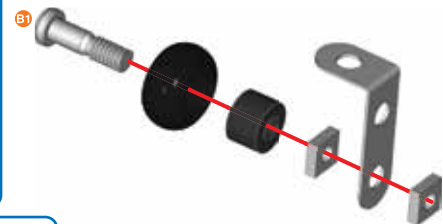
- A238
  - B1
- 1:1**



- 2**
- x2
  - | 5,8 mm | x1  
15/64"
  - x1
- S1
- 1:1**



- 3**
- x1
  - x1
  - x1
  - | 14,7 mm | x1  
37/64"
  - x2



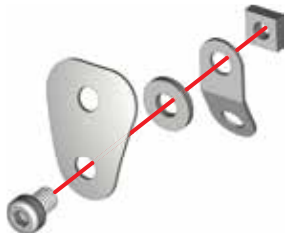
- A238
  - B1
- 1:1**



**4**

	x1
	x1
<td>x1</td>	x1
	x1
	x1

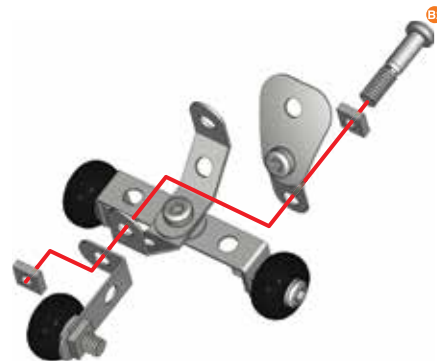
	1:1
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**5** ②+③+④+

	x1
	x2

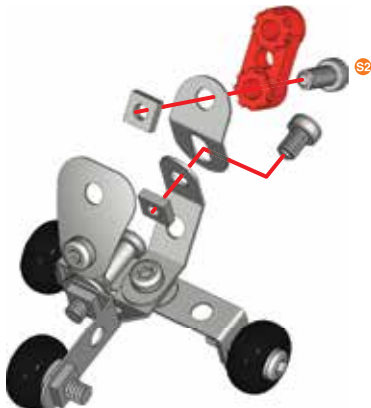
	1:1
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**6**

	x1
	x1
	x1
	x1
	x2

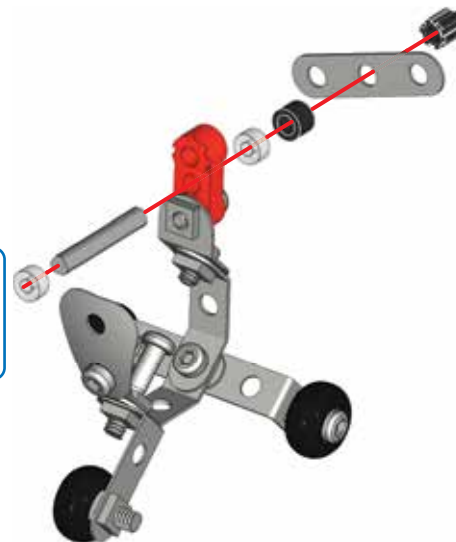
	1:1







**7**

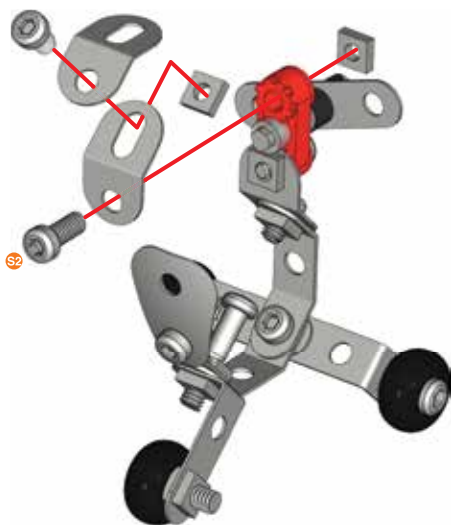
	x1
	x1
	x1
	x1
	x2





	1:1



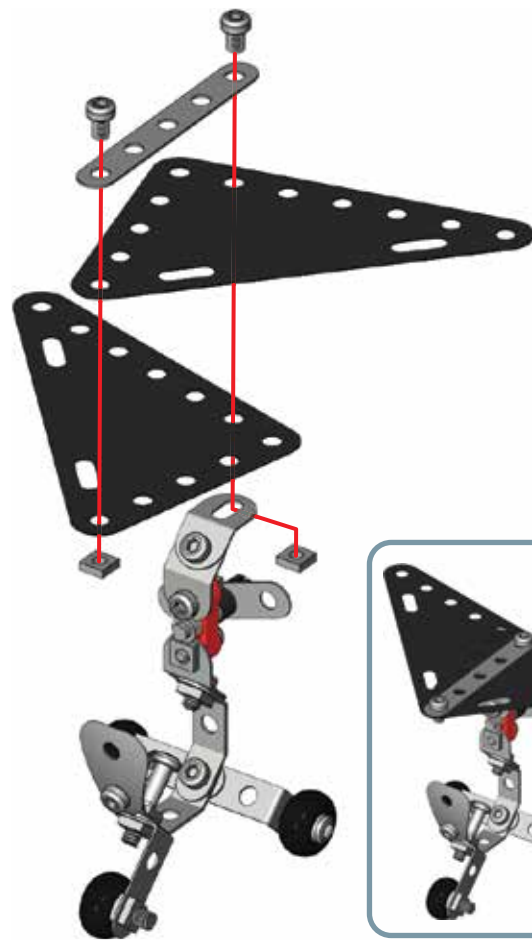
- 8**
-  **x2**
  -  9,5 mm | 3/8" **x1**
  -  5,8 mm | 15/64" **x1**
  -  **x2**

-  **S2**
  -  **S1**
- 1:1**



- 9**
-  **x2**
  -  **x1**
  -  5,8 mm | 15/64" **x2**
  -  **x2**

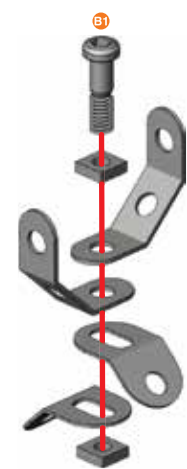
-  **S1**
- 1:1**





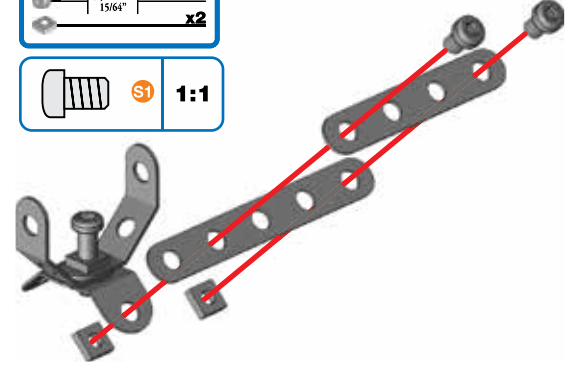
- 1**
- x2
  - x2
  - 14,7 mm | 37/64" x1
  - x2

- 1:1



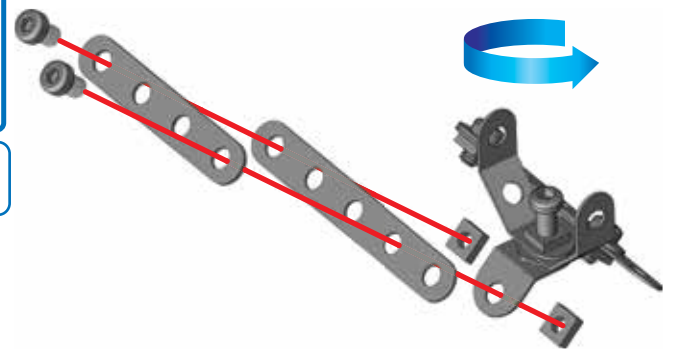
- 2**
- x1
  - x1
  - 5,8 mm | 15/64" x2
  - x2

- 1:1







- 3**
- x1
  - x1
  - 5,8 mm | 15/64" x2
  - x2

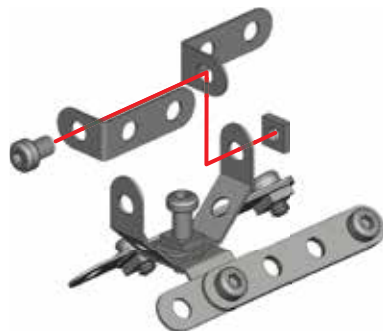
- 1:1






**4**


	<b>x2</b>
   5,8 mm   15/64"	<b>x1</b>
	<b>x1</b>

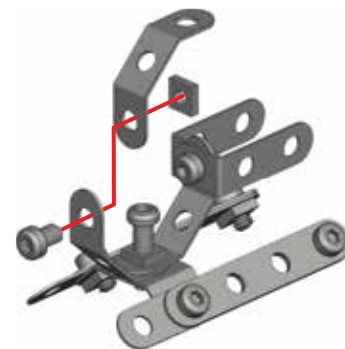
	<b>S1</b>	<b>1:1</b>
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**5**


	<b>x1</b>
   5,8 mm   15/64"	<b>x1</b>
	<b>x1</b>

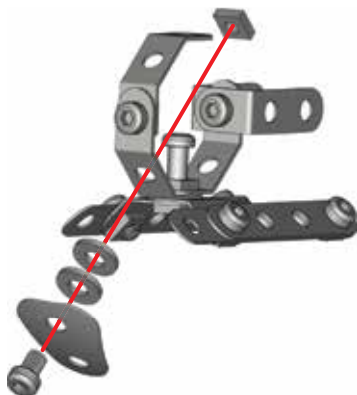
	<b>S1</b>	<b>1:1</b>
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**6**


	<b>x1</b>
	<b>x2</b>
   5,8 mm   15/64"	<b>x1</b>
	<b>x1</b>

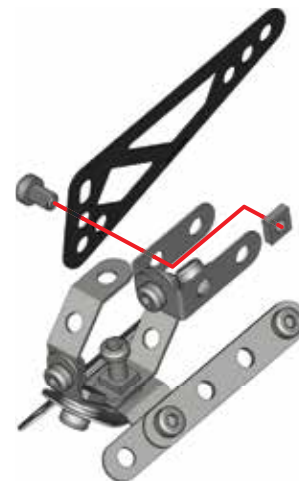
	<b>S1</b>	<b>1:1</b>
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**7**


	<b>x1</b>
   5,8 mm   15/64"	<b>x1</b>
	<b>x1</b>

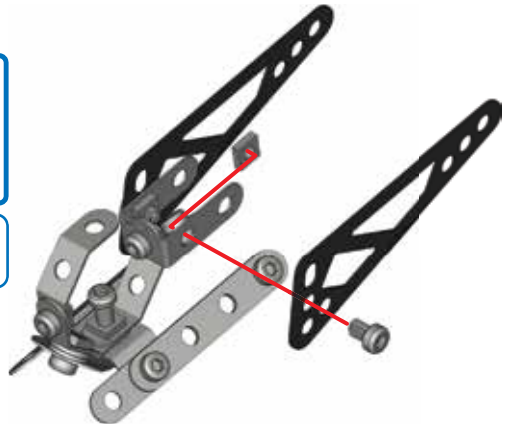
	<b>S1</b>	<b>1:1</b>
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**8**


-  x1
-  | 5,8 mm | x1
-  | x1

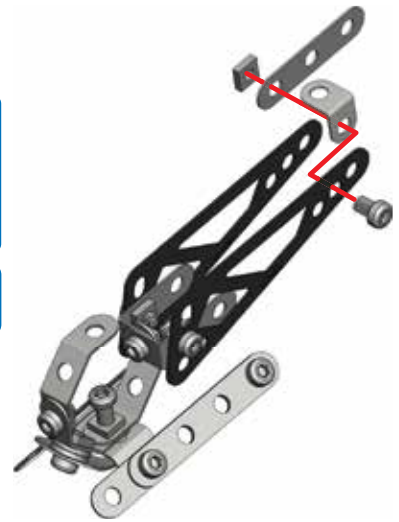
 S1 1:1







**9**


-  x1
-  x1
-  | 5,8 mm | x1
-  | x1

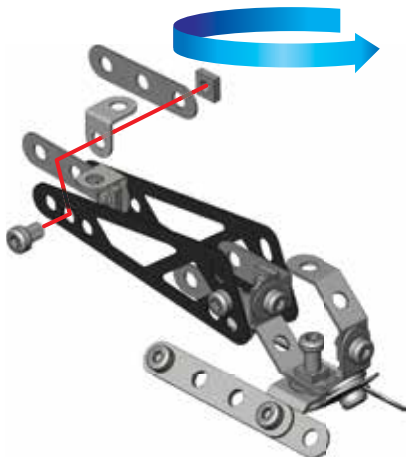
 S1 1:1








**10**



-  x1
-  x1
-  | 5,8 mm | x1
-  | x1


 S1 1:1

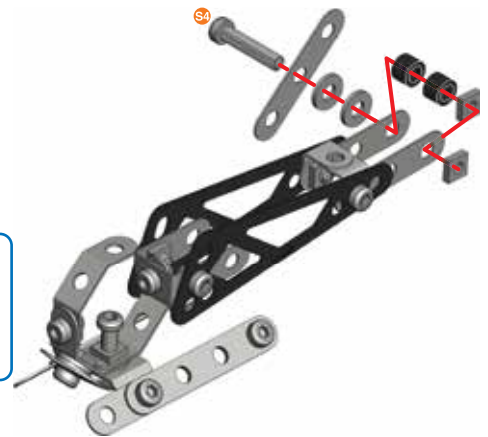


**11**


-  x1
-  x2
-  | 19 mm | x1
-  | 3/4" | x2
-  | x2


  A338 1:1


 S4




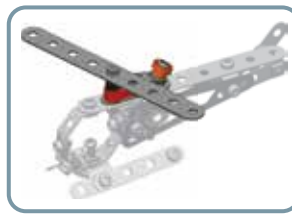
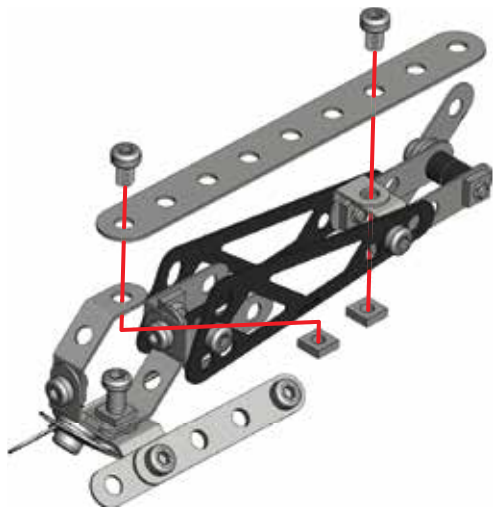
**12**

 **x1**



 **x2** | 5,8 mm | 15/64"



 **x2**



 **S1** | **1:1**






**13**


 **x1** |  **S1** | 14,7 mm | 37/64" | **x1**

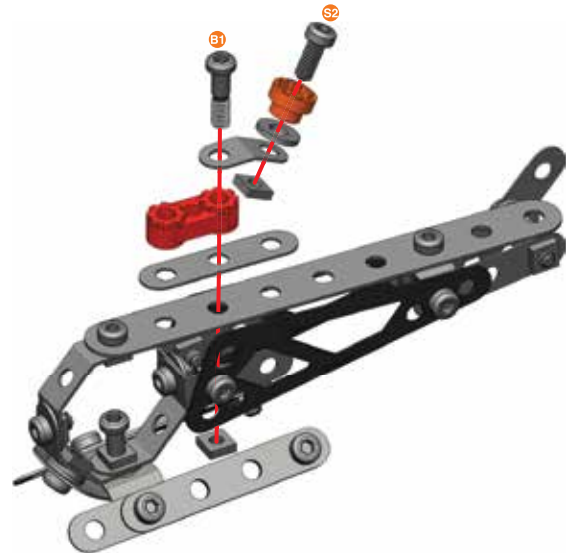
 **x1** |  **S2** | 9,5 mm | 3/8" | **x1**





 **x1** |  **x1** | **x2**

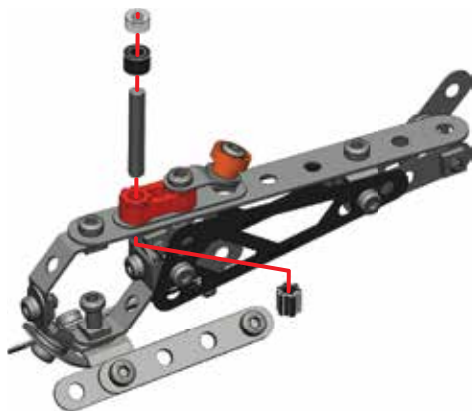
 **x1** |  **x1** | **x1**



 **S2** | **1:1**

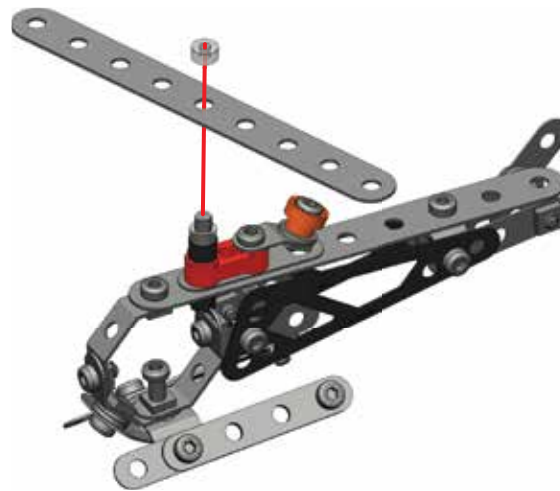
 **S2** | **1:1**



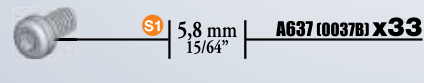
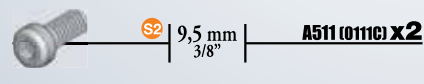
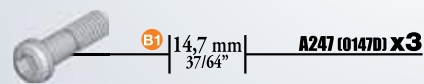
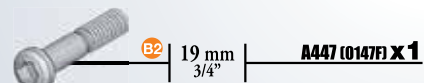
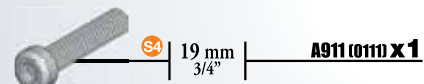
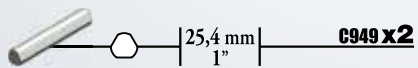
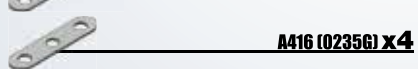
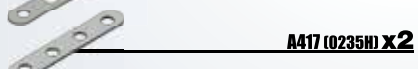
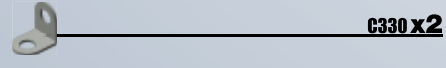
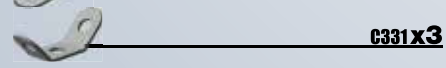
- 14**
-  25,4 mm | **x1**
  -  | **x1**
  -  | **x1**
  -  | **x1**



- 15**
-  | **x1**
  -  | **x1**







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