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#### About the LEGO<sup>®</sup> Star Wars<sup>™</sup> Design Team

LEGO<sup>®</sup> Star Wars started in 1999, and we have made new models for the product line every year since then. The LEGO Star Wars design team consists of eight model designers and four graphic designers. The team is a mix of brand-new designers with fresh ideas, and experienced LEGO Star Wars designers with many models under their belts.

This is an ideal team for creating new, innovative LEGO *Star Wars* models, as well as revising and improving previous LEGO versions of classic and iconic *Star Wars* ships. The focus of our main LEGO *Star Wars* product line is to make cool, fun, and inspiring LEGO *Star Wars* models for kids.

For LEGO Direct we have the opportunity to make even bigger, more challenging models with special attention to accuracy and details. These models are fun and exciting to develop, but also a huge challenge! We always do our very best, and hope you will enjoy the building experience.

Happy building!

Jens Kronvold Frederiksen Design Director LEGO Star Wars





### About the TIE Fighter™

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TIE Fighters, or Twin Ion Engine Fighters, are the Galactic Empire's first line of defence, and were often deployed by the thousands. These easily manufactured and compact starfighters were often used to overwhelm Rebel forces through sheer numbers. The Galactic Empire's standard attack squadrons each have twelve TIE Fighters, and full attack regiments are made up of six squadrons. The TIE Fighter is so widely used that many consider it a symbol of the Galactic Empire. Although the TIE Fighter has one of the most detailed propulsion systems, it lacks combat shields, hyperdrive, and life-support systems to reduce the mass of the TIE Fighter and increase manoeuvrability. Its primary weapon was a pair of L-s1 laser cannons that were powerful despite the TIE Fighter's small size. The vehicle could be modified to hold larger weapons and larger cannons; in addition, missile tubes could be added onto the TIE Fighter. Because these fighters do not have hyperdrive or even a landing gear, they are completely dependent on carrier ships when deployed near enemies. The Galactic Empire considers the TIE Fighters to be expendable assets, and other Imperial pilots often view TIE Fighter pilots as suicidal, considering how many TIE Fighters are destroyed in combat. In a similar fashion to Stormtroopers, TIE Fighter pilots have their own identification numbers, which further reinforces the idea that they are anonymous operatives of the Imperial military and that they themselves, like the TIE Fighters, are expendable assets.

The front section of the TIE Fighter is compact to make it difficult to hit with blasters. The side panels are wide targets for flanking enemy pilots; they also make it difficult to manoeuvre while in the atmosphere. Because TIE Fighters are easy to pilot and indistinguishable from each other, captured TIE Fighters are sometimes used by Rebel forces to infiltrate Imperial ranks.

With thousands at its disposal, the Imperial military continues to rely on TIE Fighters as a valuable weapon and tool when in combat against the Rebel Alliance.



# TIE Fighter<sup>™</sup> Facts

Manufacturer	Sienar Fleet Systems
Model	"Twin Ion Engine/Ln Starfighter
Class	Starfighter







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Visual Effects Artist © & ™ Lucasfilm Ltd.

# **Technical Specifications**

	8.99m (29.5 ft) 4,100 G
	osphere)745 mph (1,200 km/h)
Engine Unit(s)	SFS P-s4 Twin Ion Engines
	SFS P-w401 Ion Manoeuvring Jets
	SFS I-a2b Solar Ionization Reactor
Crew	1 pilot
Targeting Systems	SFS T-s8 targeting computer
Armament	SFS L-s1 laser cannons
	<u>65</u> kg (143.3 lbs)

#### Meet the Model Designer Olav Krøigaard

#### Q: How long have you been a LEGO® **Star Wars** model designer?

**A**: I started in September 1987 as a LEGO Technic designer. After 12 years I changed to LEGO System and designed LEGO Sports, CREATOR, Batman, Spider-Man and other LEGO licensed lines. During my time as a designer on the other lines, I was already very interested in becoming a LEGO *Star Wars* designer. I have now been a *Star Wars* designer for 9 years, and during that time I have taken part in different fairs/events including LEGO World, *Star Wars* days in LEGOLAND<sup>®</sup>, and LEGO Inside Tour. It's a great opportunity to meet all kinds of LEGO *Star Wars* fans.

#### Q: How was designing the TIE Fighter different from your work on other LEGO *Star Wars* models?

**A:** One of the significant differences in designing the TIE Fighter from other LEGO *Star Wars* models is the fix point of the wings, as this is a new and special way to lock the heavy wings. I hope fans will enjoy the secret way to build this part because it has never been seen before.

#### Q: The TIE Fighter is a unique and iconic vehicle from the Star Wars universe. How did you begin designing the signature shape, and how did you ensure the set would hold together?

**A**: I think the most challenging thing was to construct the inside of the model, and it was very difficult to make it stable without using Technic elements. So in order to overcome the stability issue I had to use octagon-shaped plates. Besides



Model Designer Olav Krøigaard

that, making the wings and fixing the angles so it has the iconic six-shaped angle were also tough. The wings have special elements as these are made of solar panels.

#### Q: How did you integrate the opening cockpit function into the set?

**A:** As the TIE Fighter is very iconic I have to stay true to the shape of the model, and in order to do that I used the parabolic element as a hatch.

# Q: How did you plan the design for the TIE Fighter? Did you use artist sketches or film stills to inspire your creation of the model?

**A:** Designing the TIE Fighter I used both pictures and sketches as well as the movie in order to catch the right size, proportion, and the details. I built the model several times in different ways, comparing it to my references until I got it right. We also reviewed the model each week with the design team, as well as sparring with each other all the way through the design process.

#### Q: Is there a specific feature of the TIE Fighter set that you like best?

**A:** One of the specific features that I like best is the stand, as it allows you to display the model from all sides. I also like the cockpit glass as it fits perfectly to the model. The minifigure included in the set is a great collectable item with unique decorations. But in general there are so many features that I like very much.

#### Q: There have been several TIE Fighter LEGO $^{\circ}$ sets in the past. What sets this one apart?

**A:** The way that it has been built and the size of it is tremendous. Also, the level of detail is unique to this set. Besides that, it has the display stand with all the specifications of the vehicle from the movie, on a plaque.















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