

Yellow Robot Smart Car Wheel (D:65mm x W:26mm) – Product Description

The **Yellow Robot Smart Car Wheel (D:65mm x W:26mm)** is a high-quality, durable wheel designed specifically for robotics projects, smart cars, and DIY automation applications. Its bright yellow color not only adds a visual appeal but also provides easy identification and aesthetics for educational kits, hobby projects, and prototype robots.

With a diameter of **65mm** and a width of **26mm**, this wheel provides excellent stability, traction, and maneuverability for various surfaces, making it ideal for robotic cars, smart vehicles, and automated systems. Its lightweight yet sturdy construction ensures long-lasting performance while supporting smooth rotation and precise control.



Key Features

- ✂ **Diameter:** 65mm – ideal for small to medium-sized robot platforms.
- ⚙ **Width:** 26mm – provides stability and optimal traction for smooth movement.
- □ **Color:** Bright yellow – adds visual appeal and easy recognition for educational and hobby projects.
- ✂ **Durable Material:** Made from high-quality rubber and plastic for long-lasting use.
- 🛠 **Easy Installation:** Compatible with standard DC motors, geared motors, and smart car chassis.

- **⚙️ Versatile Use:** Suitable for DIY robotics, Arduino smart cars, and prototype vehicles.
- **🔧 Lightweight Design:** Reduces motor load while providing strong grip and performance.



Why Choose the Yellow Robot Smart Car Wheel?

Choosing the right wheels is essential for any robotics project. The **Yellow Robot Smart Car Wheel** offers a perfect balance of size, stability, and traction, allowing your smart car or robot to move efficiently across different surfaces.

The wheel's durable material ensures long-lasting performance even under continuous usage, while its bright color makes it visually appealing for educational and demonstration purposes. Its compatibility with a wide range of DC and geared motors ensures flexibility for different project requirements.

Applications

The **Yellow Robot Smart Car Wheel (D:65mm x W:26mm)** is highly versatile and suitable for multiple robotics and automation applications, including:

1. **Smart Car Projects** – Ideal for Arduino-based smart car kits or line-following robots.
2. **Robotics Education** – Great for students learning about mechanics, motion, and robotics.
3. **DIY Robotics** – Perfect for building custom robotic vehicles or experimental platforms.
4. **Prototype Testing** – Suitable for testing traction, maneuverability, and balance in robot prototypes.
5. **Automated Vehicles** – Can be used in small automated systems or low-speed robotic platforms.

Technical Specifications

- **Product Name:** Yellow Robot Smart Car Wheel
- **Diameter:** 65mm
- **Width:** 26mm
- **Material:** Durable rubber and plastic
- **Color:** Yellow
- **Compatibility:** Fits standard DC motors, geared motors, and smart car chassis
- **Weight:** Lightweight for reduced motor strain
- **Mounting:** Standard hub design for easy attachment
- **Recommended Use:** Robotics, Arduino smart cars, DIY projects, educational kits



Benefits for Hobbyists and Makers

The **Yellow Robot Smart Car Wheel** is a reliable and convenient component for hobbyists, makers, and students. Its sturdy construction ensures longevity, while the bright color and standard dimensions make it ideal for visually appealing and functional robot designs.

Whether you are a student experimenting in a robotics lab, a hobbyist building a DIY smart car, or a maker prototyping an automated system, this wheel offers the performance and flexibility needed for efficient motion and stability.

Safety and Usage Considerations

Ensure the wheel is securely mounted on the motor shaft to prevent slipping or misalignment. Avoid using excessive load beyond the motor's capability to maintain smooth rotation and longevity. The wheel is suitable for low to medium-speed applications and should be used on flat or slightly uneven surfaces for optimal performance.

Why Add It to Your Robotics Toolkit?

The **Yellow Robot Smart Car Wheel (D:65mm x W:26mm)** is a must-have for anyone working with small robotic vehicles or smart car projects. It combines durability, lightweight design, and excellent traction, making it perfect for educational kits, DIY robots, and prototype platforms.

Its easy installation, visual appeal, and reliable performance make it a versatile choice for both beginners and professional hobbyists. Adding this wheel to your toolkit ensures smooth, controlled motion for all your robotics and automation projects.

Conclusion

The **Yellow Robot Smart Car Wheel (D:65mm x W:26mm)** provides the ideal combination of stability, traction, and aesthetics for robotics and smart car projects. Its durable construction, bright yellow color, and standard dimensions make it suitable for Arduino projects, DIY vehicles, and educational robotics.

Whether you are building a line-following robot, a small automated vehicle, or an experimental smart car, this wheel delivers reliable performance, smooth rotation, and enhanced maneuverability for a professional and efficient robotics experience.