

Propeller 1552



Product Description:

The **1552 propeller** is a popular type of folding propeller widely used in the drone and UAV (Unmanned Aerial Vehicle) industry.

Technical Specification

S.No.	Parameter	Value
1.	Diameter (Inch)	15 inches (approx. 381mm total span)
2.	Pitch (Inch)	5.2 inch (based on similar 1552 designs)
3.	Average Single Blade Weight (g)	8g (blade only)
4.	Total Weight (Incl Hub)	23-30.5g per assembled prop
5.	Recommended Max RPM	Typically 2500-4000 RPM (higher than 1760 due to smaller size)
6.	Recommended Max Thrust (kg)	Depending on motor/battery (suitable for lighter multicopters)
7.	Limit RPM (RPM)	Design emphasizes flexibility and stability; follow motor/ESC limits
8.	Common Thrust Range (kg)	Used in builds for efficient hovering/lift in 2-5+ kg class drones (smaller/lighter setups than 1760)
9.	Material	High-strength engineering plastic (optimized airfoil); Metal folding holders/clamps (6061-T6 aluminum in some kits)
10.	Type	2-blade folding propeller (CW and CCW pairs)

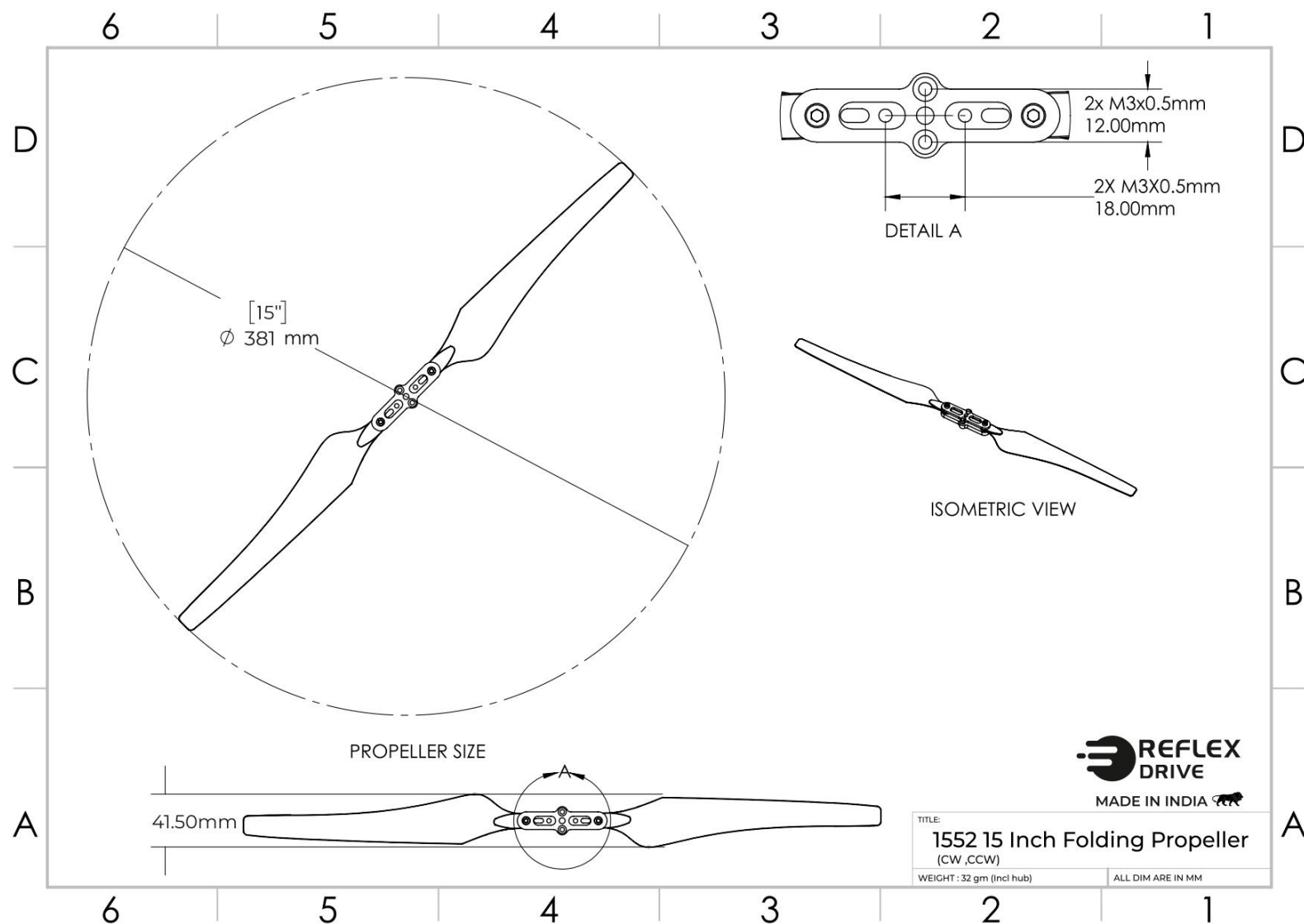
Dimension

S.No.	Item	Size
1	Single blade length	173mm
2	Total assembled length	381mm (15")
3	Center hole	3.0mm
4	Mounting base thickness	3.95-4.0mm
5	Applicable motor shaft	Ø4mm (typical)"

Motor Mounting : 2xM3 PCD 12mm

Recommended Motor : RD 4006

Technical Drawing



Wiring Drawing



