

TAILWHEELS

MATCO SINGLE ARM TAILWHEELS



Matco tailwheels use a fiberglass reinforced nylon wheel with an operating load of 450 lbs. It takes over 5000 lbs to fail the wheel and it will hold up in the most rigorous conditions. Can be used with 1-1/4" or 1-1/2" leaf spring. These tailwheels are steerable, and are available with a 6 inch hard rubber solid tire or with 8" Shin pneumatic tire and tube for heavier aircraft. Tailwheel construction is anodized aluminum. Weight: 5 lbs.

Item	Part No.	Price
Matco solid rubber tire Tailwheel Assembly	06-01615	---
Replacement Tire (solid rubber) for T-6	06-00004	---
Matco 6" Pneumatic the Tailwheel Assembly	06-00831	---
Replacement 6" Pneumatic Tire* Tube	06-00832	---
Matco 8" pneumatic wide Tailwheel Assembly Overall length of 11.20". Max fully splayed arms is 9.29" and overall height is 11.7". weight 7 lbs.	06-01620	---
Matco 8" pneumatic wide Tailwheel Assembly Overall length of 12.51". Max fully splayed arms is 9.29" and overall height is 15.7". Weight 8lbs.	06-01361	---
Specialty Replacement 8" Tire 2.80/2.50-4 4PLY	06-08000	---
Specialty Replacement Tube 8" 280 X 250 X 4	06-08101	---

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MATCO DUAL ARM TAILWHEELS



DUAL ARM TAIL WHEEL ASSEMBLY 8 INCH PNEUMATIC TIRE

The T-8LD tail wheel utilizes a dual fork configuration and incorporates a geometric release mechanism that allows the wheel to caster after reaching a steered angle of 40 degrees. The WHLTW37 wheel used on the WHLT-8LD has a .625 precision sealed ball bearing which is rigorously tested and designed to resist bearing fatigue providing a long bearing life. The arms and wings of the tail wheel fork assembly are composed of 4130 which is heat treated to a Rockwell 38-43 to ensure strength and are irridited to prevent corrosion. The tail wheel base and forks are cast and then black anodized to prevent corrosion as well. The wheel halves are die cast aluminum for light weight and superior strength. The T-8LD features split rims for ease of mounting and dismounting its 200x50 (8"x2") tire and tube assembly. **Specifications:** • 8 inch pneumatic tire • Overall length of 10.8 inches • Maximum width of this tail wheel with fully splayed arms: 7 inches • Overall height: 10.8 inches • This cast aluminum tail wheel weighs 5.4 poundsP/N 06-01528

LIGHTWEIGHT DUAL ARM TAIL WHEEL ASSEMBLY 8.5 INCH PNEUMATIC TIRE



The T-8D tail wheel utilizes a dual fork configuration and incorporates a geometric release mechanism that allows the wheel to caster after reaching a steered angle of 40 degrees. The WHLTW40EE wheel used on the WHLT-8D has a .625 precision sealed ball bearing which is rigorously tested and designed to resist bearing fatigue providing a long bearing life. The arms and wings of the tail wheel fork assembly are composed of 4130 which is heat treated to a Rockwell 38-43 to ensure strength and are irridited to prevent corrosion. The tail wheel base and forks are cast and then black anodized to prevent corrosion as well. The wheel halves are die cast aluminum for light weight and superior strength. The T-8D features split rims for ease of mounting and dismounting its 2.80/2.50-4 tire and tube assembly. **Specifications:** 8.5 inch pneumatic tire, Overall length of 11.6 inches, Maximum width of this tail wheel with fully splayed arms: 7 inches, Overall height is 11.8 inches, This cast aluminum tail wheel weighs 6.7 pounds.

P/N 06-01529

MATCO DUAL ARM TAILWHEELS

DUAL ARM TAIL WHEEL ASSEMBLY 8.5 INCH PNEUMATIC TIRE



The T-8WD tail wheel utilizes a dual fork configuration and incorporates a geometric release mechanism that allows the wheel to caster after reaching a steered angle of 40 degrees. The WHLW40EE wheel used on the WHLT-8WD has a .625 precision sealed ball bearing which is rigorously tested and designed to resist bearing fatigue providing a long bearing life. The arms and wings of the tail wheel fork assembly are composed of 4130 which is heat treated to a Rockwell 38-43 to ensure strength and are irridited to prevent corrosion. The tail wheel base and forks are cast and then black anodized to prevent corrosion as well. The wheel halves are die cast aluminum for light weight and superior strength. The T-8WD features split rims for ease of mounting and dismounting its 9x3.50-4 tire and tube assembly. **Specifications:** 8.5 inch pneumatic tire, Overall length of 11.7 inches, Maximum width of this tail wheel with fully splayed arms: 7 inches, Overall height is 11.9 inches, This cast aluminum tail wheel weighs 8.3 pounds.

P/N 06-01531

DUAL ARM TAIL WHEEL ASSEMBLY 10 INCH PNEUMATIC TAIL WHEEL



This wheel features split rims for ease of mounting and dismounting its 10 x 3.50-4 tire and tube assembly. The tail wheel assembly is both steerable and full swiveling and provides easy installation with variant spring tension. This wheel has been designed to release with light spring tension and fits a 1.75 wide spring. Adapter plates can accommodate either a 1.25 or 1.50 inch wide spring. The base unit that mounts to the spring is also machined from extrusion. It is available with a two hole mounting option. The assembly should be mounted on the flat spring so that the pivoting axle is as close to vertical as possible when the plane is loaded. All assembly bushings are made of oil impregnated brass so no lubrication is needed during the life of the tail wheel. In addition, the shaft has been redesigned to .625 for added strength and durability. **Specifications:** • Tail wheel has a 10 inch pneumatic tire, overall length of 11.4 inches • Max width of tail wheel with fully splayed arms is 7 inches, overall height of 13.1 inches • Weight: 8.5 pounds.

P/N 06-01781

DUAL ARM TAIL WHEEL ASSEMBLY 11 INCH PNEUMATIC TIRE



The T-11D tail wheel utilizes a dual fork configuration and incorporates a geometric release mechanism that allows the wheel to caster after reaching a steered angle of 40 degrees. The MH5N-S wheel used on the WHLT-11D has a .625 precision sealed ball bearing which is rigorously tested and designed to resist bearing fatigue providing a long bearing life. The arms and wings of the tail wheel fork assembly are composed of 4130 which is heat treated to a Rockwell 38-43 to ensure strength and are irridited to prevent corrosion. The tail wheel base and forks are cast and then black anodized to prevent corrosion as well. The wheel halves are die cast aluminum for light weight and superior strength. The T-11D features split rims for ease of mounting and dismounting its 11x6-5 tubeless tire assembly. **Specifications:** 11 inch pneumatic tire, Overall length of 13.5 inches, Maximum width of this tail wheel with fully splayed arms: 7 inches Overall height: 14 inches, This cast aluminum tail wheel weighs 9.6 pounds.....P/N 06-01537