

MANX HUB ASSEMBLIES

MANX 8" T.L.S. FRONT

This conical twin leading shoe hub assembly was introduced in 1954, initially with a single fin. 1956 saw a change to 3 cooling fins and an increase in the diameter of the brake plate register. In 1959 the brake plate anchor bolt was moved further up the fork leg (5" from wheel spindle centre) and the brake plate register further increased in diameter. As standard we offer the '56/'58 specification, but can supply the other types to special order. Note that the 5" centres fork slider is not currently available.

Components are manufactured to original drawings and can be supplied individually to refurbish original hubs.

Brake lining area	:	8" dia x 1.1/2 " wide
Weight	Magnesium	: 5.5 kg
	Aluminium	: 6.6 kg
Spindle Bearings	:	17mm
Finish	:	Stove enamel black, semi gloss
Wheel rim	:	40 spoke holes, use 8/10 gauge butted spokes
Options	:	Magnesium Brake Shoes - Saves 200g
	:	Larger air intake scoop (square)

Both above options at additional cost.

MANX 7" 4LS FRONT

This double-sided brake was used only for the 1962 machines. We manufacture this assembly with the aid of the original Norton drawings, and we have made detail improvements to resist cracking. We have also deleted the lock ring, which was prone to rub on the brake plate, and come undone if the wheel was put in the wrong way round!

Total width across brake plates is 132mm

Brake Lining Area	:	7" dia x 1.5/8" wide x 2 sides
Weight	Magnesium	: 7.65 kg
Spindle Bearings	:	17mm
Finish	:	Stove enamel black, semi gloss
Wheel Rim	:	40 spoke holes, use 8/10 gauge butted spokes
Options	:	Magnesium Brake Shoes - Saves 300g

This option is at additional cost

MANX REAR (CONICAL)

Manufactured to '61 specification with integral reinforcement to resist the cracking to which earlier versions were prone. We can supply bare hub shells to replace fatigued originals.

Brake Lining Area	:	7" dia x 1.1/2" wide SLS
Weight	Magnesium	: 4.4 kg
	Aluminium	: 5.9 kg
Spindle	:	9/16" dia
Finish	:	Stove enamel black, semi gloss
Wheel Rim	:	40 spoke holes, use 8/10 gauge butted spokes
Options	:	Magnesium brake shoes saves 190g

The above option is at extra cost

WORKS REAR HUB

We have developed this accurate replica of the iconic rear hub used by Norton in the Works Bikes in 1954. It has several benefits over the Conical Rear as a result of the brake drum being on the right hand side, which also allows smaller gearbox & rear wheel sprockets to be used. Although we can make this in TLS format as original, we believe this to be unnecessary, we offer the hub as standard in SLS format, with a floating brake plate.

Brake Lining Area	:	7" dia x 1.1/2" wide x SLS
Weight	Magnesium	: 4.4kg
Spindle	:	9/16" Dia
Finish	:	Black Chromate
Wheel Rim	:	40 spoke holes, use 8/10 gauge butted spokes

GENERAL NOTES

All hubs are supplied as standard with aluminium alloy brake shoes & asbestos free linings, skimmed and ready to race. Optional magnesium shoes cost an extra £60 on the TLS front and the rear hub, £120 on the 4LS. The larger air intake scoop for the TLS front costs an extra £30. All options may mean longer delivery time.