



# **MAXIMUM BRAKE WEAR GUIDE**

**USA SERVICE AND MAINTENANCE GUIDE**

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This document outlines the maximum wear on brake components manufactured by Meher USA Inc., herein 'Meher'.

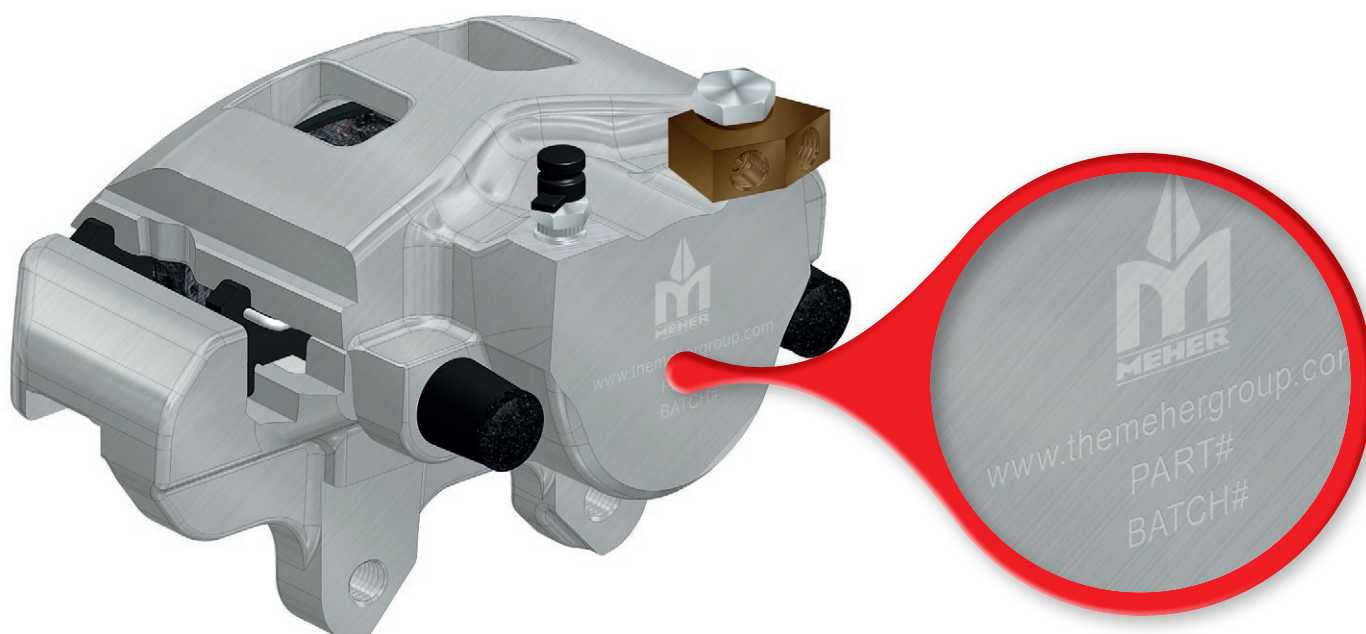
## Finding the Part Number

All Meher products will be marked with a part number. The below images indicate where these can be found:

### Brake Rotors



### Hydraulic Calipers



# BRAKE ROTORS – HYDRAULIC CALIPERS

## Measuring Wear – Brake Pads

To measure the wear, measure the thickness of the brake component as indicated by the images below:

Measure from the  
edge of the plate

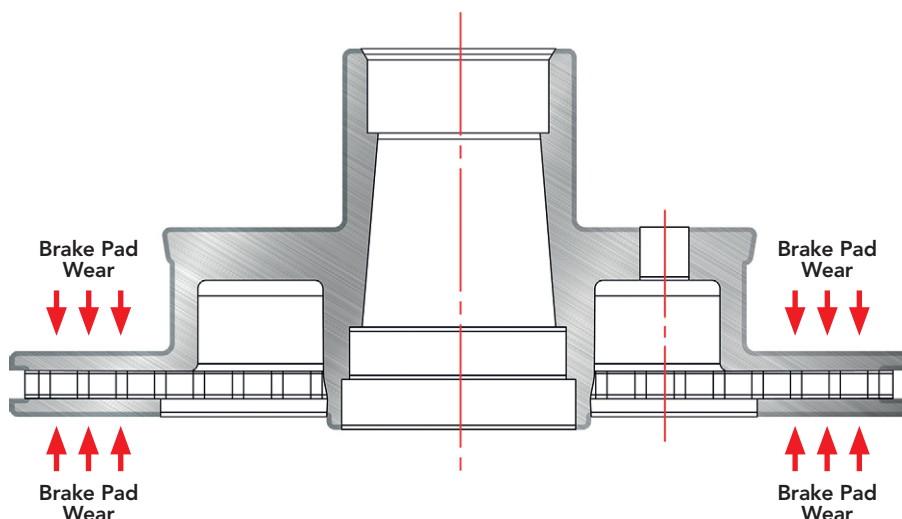


Brake Pad – Side On View

## Measuring Wear – Disc Rotor

Disc Rotors need to be inspected for wear and tear at regular intervals.

The surface areas where the brake pads contact the rotor face are to be inspected regularly. If excessive wear or heavy scoring is present, replace rotor with a Genuine Meher Part.



## Compare the Minimum Wear

The table below outlines the minimum thickness of the brake components. Compare the thickness you have measured with the values outlined in the table below.

Meher Part Number	Brake Component	Original Thickness		Recommend Wear	
		mm	inches	mm	inches
203-00077-MH	Brake Rotor	19	0.75	17	0.67
203-00139-MH	Brake Rotor	19	0.75	17	0.67
HK8GDZ	Brake Rotor	25.8	1	23.6	0.93
203-00147-MH 203-00148-MH	Hydraulic Caliper – Brake Pad	11	0.43	8	0.32
34105	Hydraulic Caliper – Brake Pad	11	0.43	8	0.32
HC8KHGDK	Hydraulic Caliper – Brake Pad - <i>near piston</i>	9.5	0.38	8	0.32
	Hydraulic Caliper – Brake Pad - <i>away from piston</i>	7.5	0.30	6	0.24



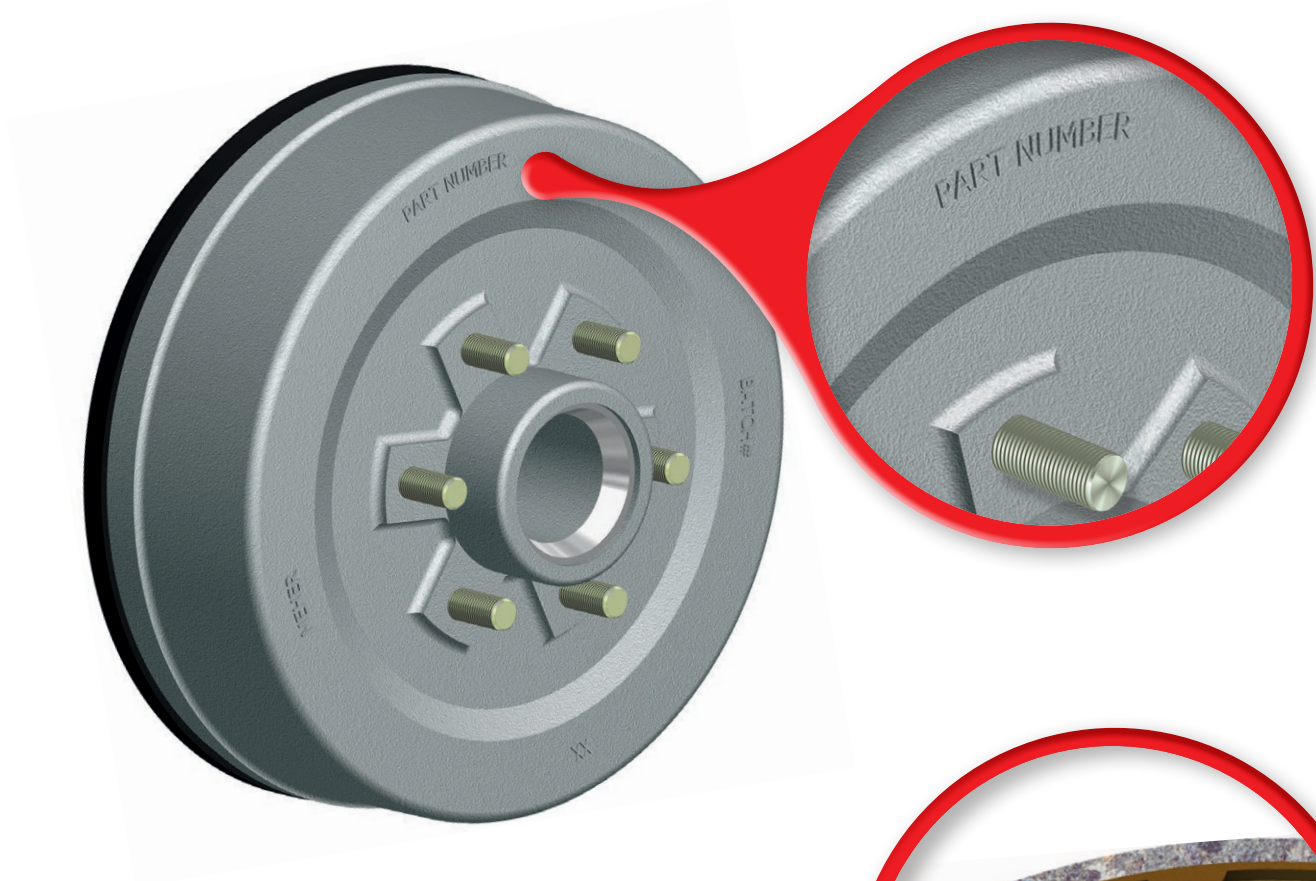
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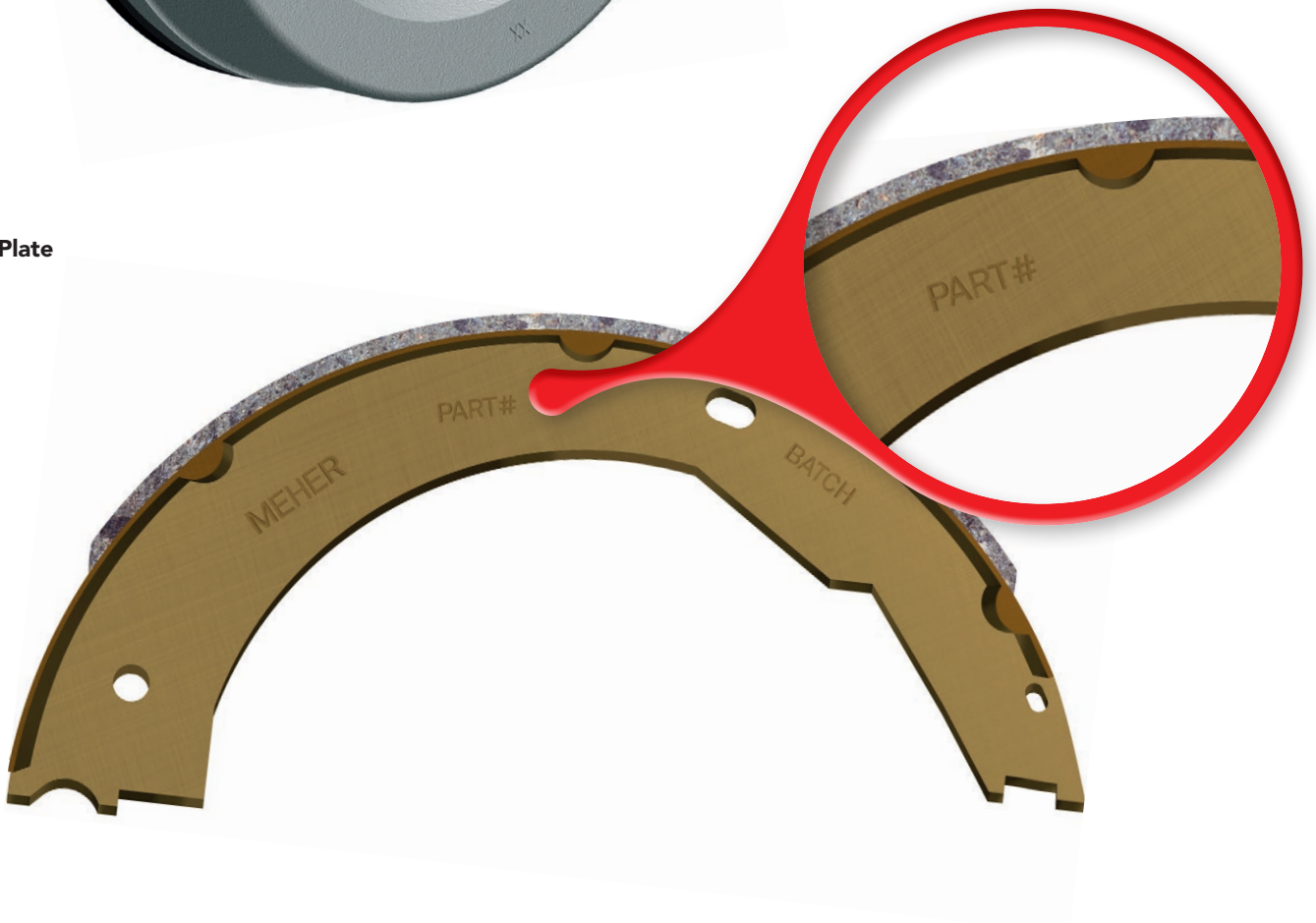
## Finding the Part Number

All Meher products will be marked with a part number. The below images indicate where these can be found:

### Hub Drums



### Brake Plate



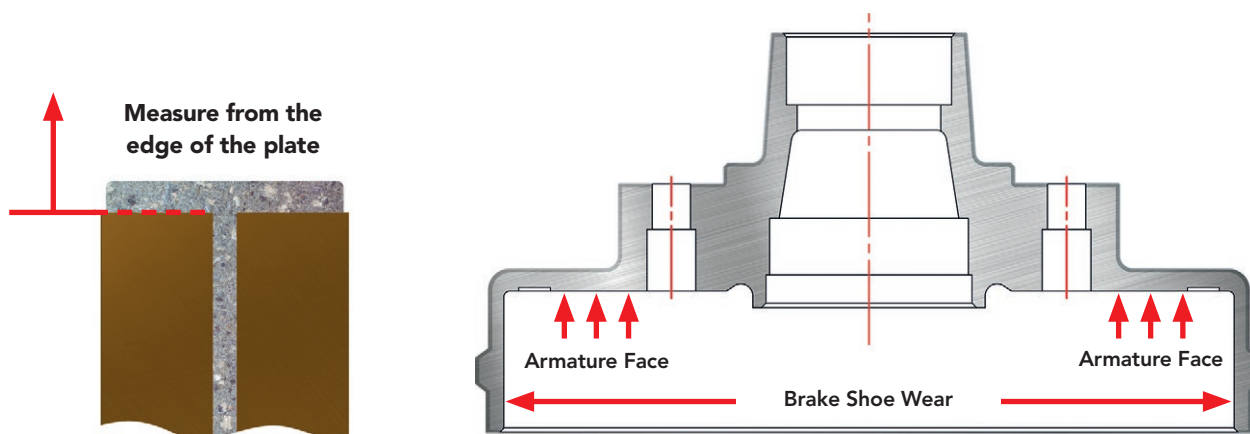
# HUB DRUMS – BRAKE PLATE

## Measuring Wear

Electric and Hydraulic Brake Drums need to be inspected for wear and tear at regular intervals.

1. Brakes where the brake shoes are in contact with the Brake Drum. Check for excessive wear or deep scoring.
2. In electric brakes where the electromagnet is in contact with the drum face. This area is called the Armature Face. The contact area may have excessive wear and deep scoring. These surfaces can be rectified by turning. If the brake drum is being replaced, then the electromagnet must be replaced.

To measure the wear, measure the thickness of the brake component as indicated by the images below:



## Compare the Minimum Wear

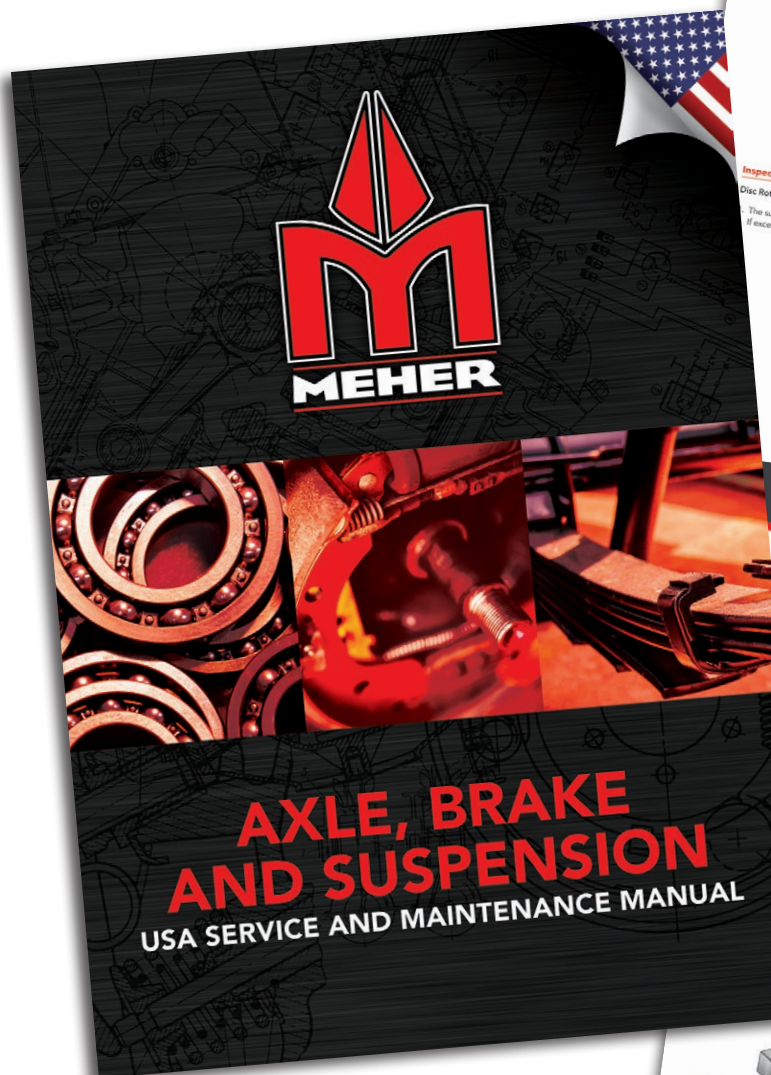
The table below outlines the minimum thickness of the brake components. Compare the thickness you have measured with the values outlined in the table below.

Meher Part Number	Brake Component	Original Thickness		Recommend Wear	
		mm	inches	mm	inches
HD10UB	Hub Drum	254 – bore	10 – bore	256 – bore	10.08 – bore
HD12UB	Hub Drum	305 – bore	12 – bore	307 – bore	12.09 – bore
HD10BPUB	Brake Shoe for 10-inch Hub Drum	4.75	0.19	1.6	0.06
HD12BPUB	Brake Shoe for 12-inch Hub Drum	4.75	0.19	1.6	0.06

# FURTHER INFORMATION

If you require further details or instructions on how to unassemble to reassemble your Meher brake components, refer to the Meher Axle, Brake and Suspension, USA Service and Maintenance Manual.

If you require replacement parts, contact your trailer manufacturer or Meher USA Inc.









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