

# MERITOR® BRAKE SHOE IDENTIFICATION CHART



**MERITOR®**



# BRAKE SHOE IDENTIFICATION CHART



## Meritor Brake Shoe Number Index by FMSI Number

FMSI NO.	APPLICATION	CORE NO.	PAGE NO.
1252	15" x 5" Wagner Hydraulic		8
1279	15" x 3.5" Wagner Air		8
1280B	15" x 3.5" Wagner Hydraulic		7
1307	15" x 3.5" Meritor T Front		5
1308A	15" x 4" Wagner Air (512 shoe)		9
1308TT	15" x 4" Meritor Q Front	C1308	6
1308TT	15" x 4" Eaton Front	C1308E	6
1308TT	15" x 4" Meritor T Front	C1308T	5
1443TT	15" x 4" Eaton ES Front	C1443	7
4223A	16.5" x 5" Eaton (High Mount)	C4223	10
4311J	16.5" x 7" Eaton ( Low Mount )	C4311	10
4311J	16.5" x 7" Eaton ( High Mount )		10
4317G	16.5" x 6" Eaton ( Low Mount )	C4317	10
4317G	16.5" x 6" Eaton ( High Mount )	C4317H	10
4471B	18" x 7" Meritor Cast Iron	C4471	15
4504A	15" x 6" Meritor Lucas Hydraulic	C4504	7
4505A	15" x 7" Meritor Lucas Hydraulic	C4505	7
4514G	16.5" x 6" Meritor P		12
4514G	16.5" x 6" Meritor Q	C4514Q	13
4514G	16.5" x 6" Meritor Q w/relocated spring hole	C4514QR	14

FMSI NO.	APPLICATION	CORE NO.	PAGE NO.
4515	16.7" x 7" Meritor Cast Iron	C4515PC	14
4515E	16.5" x 7" Bendix		10
4515E	16.5" x 7" Fruehauf P	C4515F	11
4515E	16.5" x 7" Fruehauf XEM3	C4515F3	12
4515E	16.5" x 7" Meritor P	C4515P	12
4515G	16.5" x 7" Meritor for Fruehauf (F5)		12
4515G	16.5" x 7" Meritor Q	C4515Q	12
4515H	16.5" x 7" Meritor H.D. Q		14
4524B	16.5" x 5" Meritor P		12
4524B	16.5" x 5" Meritor Q	C4524Q	13
4524B	16.5" x 5" Meritor Q for 1.68" offset spider		14
4524B	16.5" x 5" Meritor Q w/relocated spring hole	C4524QR	14
4527B	18" x 7" Eaton Cast Iron	C4527	15
4528A	15" x 5" Meritor Lucas Hydraulic		7
4549C	16.5" x 4" Meritor Q		13
4551B	16.5" x 8.625" Fruehauf XEM3 LH		12
4551B	16.5" x 8.625" Fruehauf XEM3 RH		12
4551B	16.5" x 8.625" Meritor Q	C4551Q	13
4561	16.25" x 3.5" Meritor T		9
4591	12.25" x 7.5" Dexter "PQ"	C4591D	5

# BRAKE SHOE IDENTIFICATION CHART



## Meritor Brake Shoe Number Index by FMSI Number

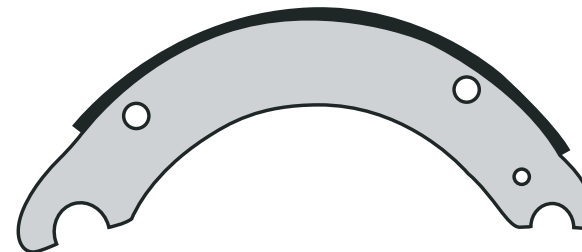
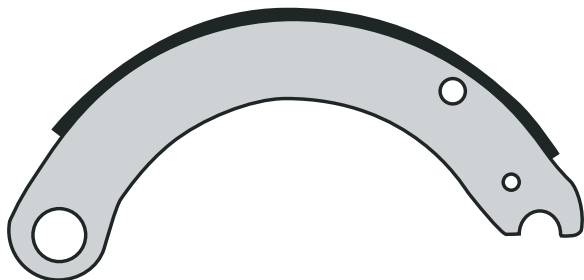
FMSI NO.	APPLICATION	CORE NO.	PAGE NO.
4591	12.25" x 7.5" Eaton		4
4591	12.25" x 7.5" Standard Forge (closed roller end)	C4591S	5
4596	15" x 6" Wagner Hydraulic		8
4602	15" x 7" Meritor Stopmaster Wedge		9
4605	15" x 6" Meritor Stopmaster Wedge	C4605R	9
4615	15" x 5" Meritor Stopmaster Wedge		9
4644A	16.5" x 8" Meritor Q		13
4647	15" x 4" Kelsey Hayes / Gunite Hydraulic		7
4670	12.25" x 7.5" Meritor Q	C4670	5
4674	16.5" x 8.625" Eaton	C4674	10
4692	12.25" x 7.5" Standard Forge (open roller end)	C4692	4
4692	12.25" x 7.5" Dana Spicer "Fast Change II"	C4692FC2	4
4692	12.25" x 7.5" Dana Spicer "U"	C4692U	4
4693	15" x 4" Bendix		6
4701	16.5" x 7" Spicer XL	C4701	11
4702	15" x 4" Meritor Q Plus Front	C4702QP	8
4703	15" x 5" Meritor Q Plus Front	C4703QP	8
4704	15" x 6" Meritor Q Plus Front	C4704QP	8
4705	15" x 7" Meritor Q Plus Front		8

FMSI NO.	APPLICATION	CORE NO.	PAGE NO.
4706	15" x 8" Meritor Q Plus Front	C4706QP	8
4707	16.5" x 7" Meritor Q Plus	C4707QP	13
4707	16.5" x 7" Spicer XL II	C4707QP	13
4707	16.5" x 7" Meritor H.D. Q Plus	C4707QPM	13
4707	16.5" x 7" Meritor w/relocated springhole	C4707QPR	13
4708	16.5" x 7" Eaton for Rockwell		10
4709	16.5" x 7" Eaton ES	C4709	11
4709	16.5" x 7" Eaton ES II	C4709G2	11
4710	15" x 8.625" Meritor Q Plus	C4710QP	8
4710	15" x 8.625" IMT	C4710IMT	8
4711	16.5" x 8.625" Meritor Q Plus	C4711QP	14
4715	16.5" x 6" Meritor Q Plus	C4715QP	13
4717	15 x 8.625 Eaton Reduced Envelope	C4717	6
4718	16.5" x 8" Meritor Q Plus	C4718QP	14
4719	16.5" x 5" Eaton ES II	C4719	11
4720	16.5" x 5" Meritor Q Plus	C4720QP	13
4725	16.5" x 6" Eaton ES II	C4725	11
4726	16.5" x 8.625" Eaton ES II	C4726	11
4729	15" x 4" Eaton ES II	C4729	6

# BRAKE SHOE IDENTIFICATION CHART

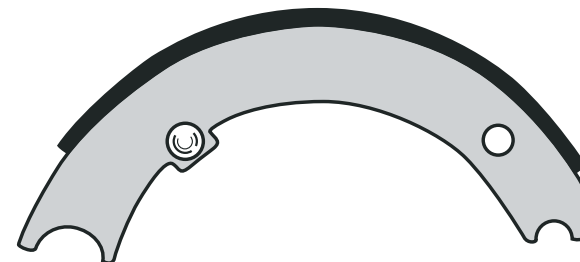
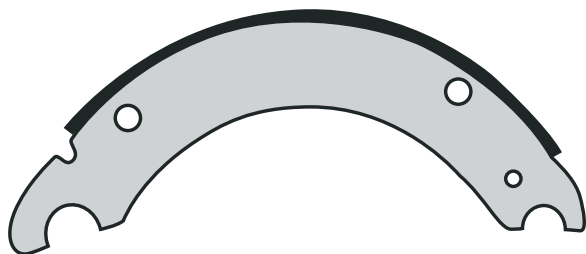


## 12.25" Diameter



FMSI NO.	WIDTH	MERITOR NEW SHOE PART NO.	MERITOR REMAN CORE NO.	MFR.
4692	7.5"	R700007	C4692	Dana/Std. Forge

FMSI NO.	WIDTH	MERITOR NEW SHOE PART NO.	MERITOR REMAN CORE NO.	MFR.
4692	7.5"	R700028	C4692FC2	Dana/Std. Forge



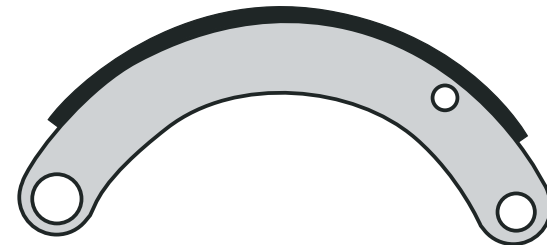
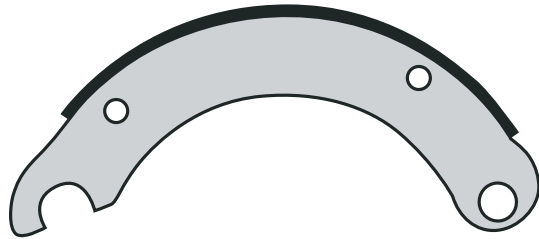
4692	7.5"	Not Available	C4692U	Dana/Std. Forge
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4591	7.5"	R700001		Eaton
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# BRAKE SHOE IDENTIFICATION CHART

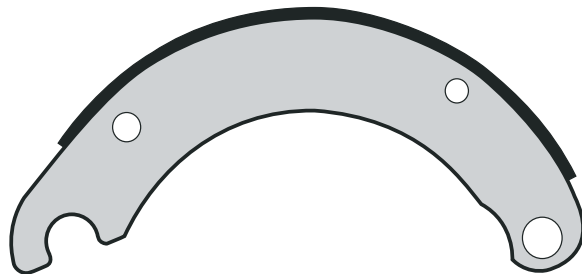


## 12.25" Diameter



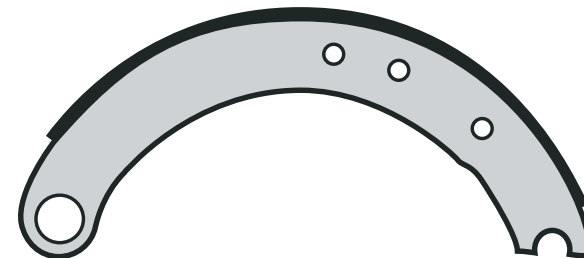
FMSI NO.	WIDTH	MERITOR NEW SHOE PART NO.	MERITOR REMAN CORE NO.	MFR.	FMSI NO.	WIDTH	MERITOR NEW SHOE PART NO.	MERITOR REMAN CORE NO.	MFR.
4591	7.5"	R700031	C4591D	Dexter	4591	7.5"	R704591	C4591S	Std. Forge

## 12.25" Diameter



4670	7.5"	A 3222 V 2466	C4670	Meritor Q
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## 15" Diameter

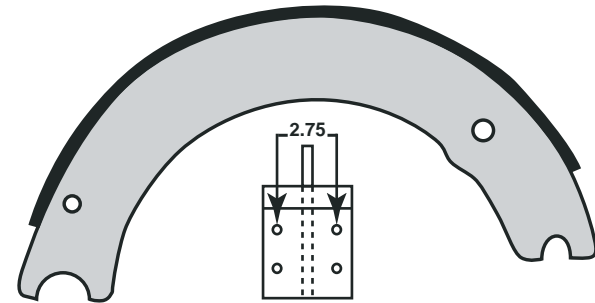
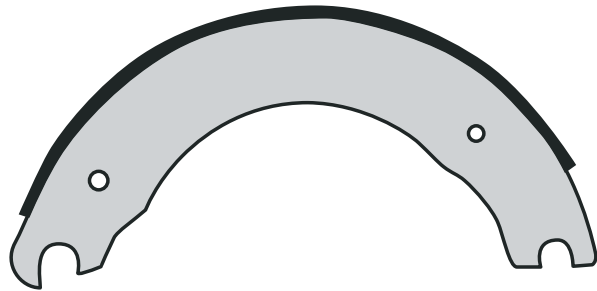


1307	3.5"	Not Available	C1307	Meritor T Brake
1308TT	4"	A 3222 F 1072	C1308T	Meritor T Brake

# BRAKE SHOE IDENTIFICATION CHART

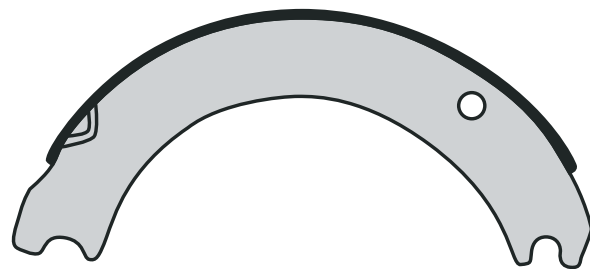


## 15" Diameter

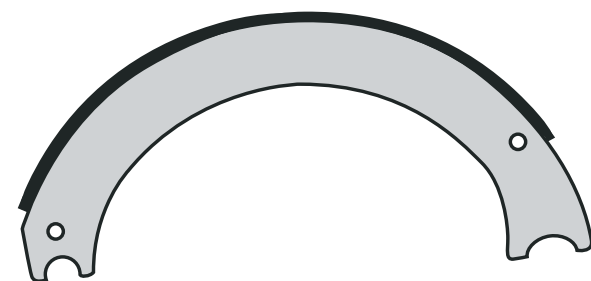


FMSI NO.	WIDTH	MERITOR NEW SHOE PART NO.	MERITOR REMAN CORE NO.	MFR.
1308TT	4"	A 3222 F 1982	C1308Q	Meritor Q

FMSI NO.	WIDTH	MERITOR NEW SHOE PART NO.	MERITOR REMAN CORE NO.	MFR.
1308TT	4"	R1308E	C1308E	Eaton



4693	4"	Not Available		Ford Cargo
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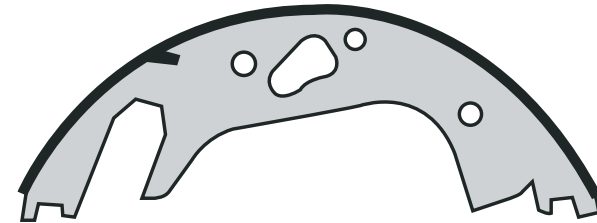
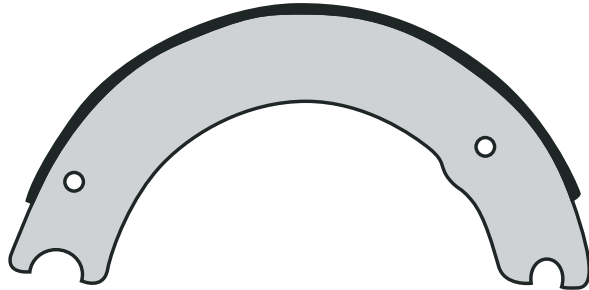


4729	4"	R4729	C4729	Eaton ES II
4717	8.625"	Not Available	C4717	Eaton Reduced Envelope

# BRAKE SHOE IDENTIFICATION CHART

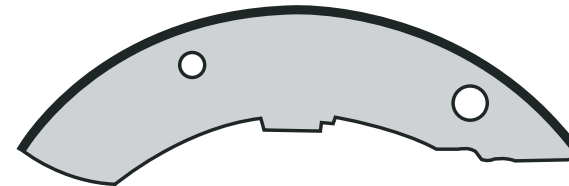
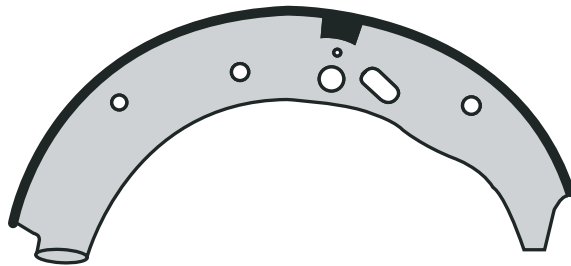


## 15" Diameter



FMSI NO.	WIDTH	MERITOR NEW SHOE PART NO.	MERITOR REMAN CORE NO.	MFR.
1443TT	4"	R700017	C1443	Eaton ES

FMSI NO.	WIDTH	MERITOR NEW SHOE PART NO.	MERITOR REMAN CORE NO.	MFR.
4647	4"	R700401		Gunite / Kelsey Hayes



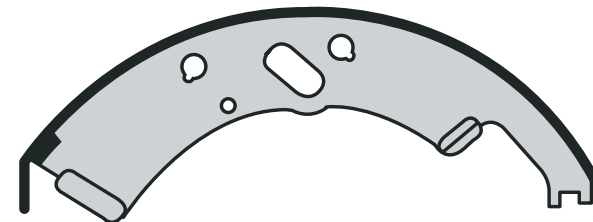
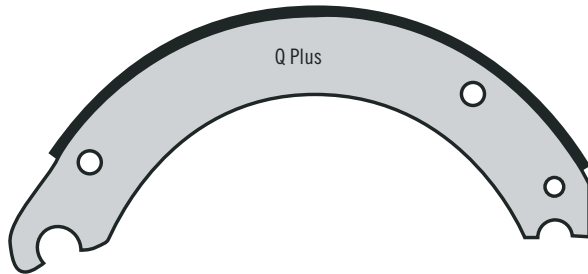
1280B	3.5"	R700463		Wagner
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4528A	5"	45 1003		Lucas A2LS
4504A	6"	45 1004	C4504	Lucas A2LS
4505A	7"	45 1005	C4505	Lucas A2LS

# BRAKE SHOE IDENTIFICATION CHART

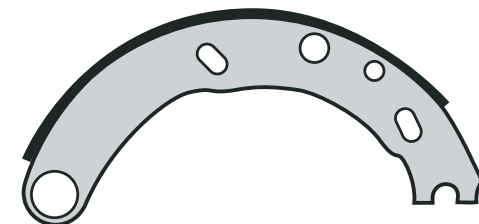
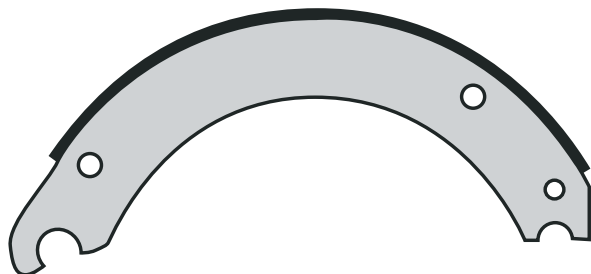


## 15" Diameter



FMSI NO.	WIDTH	MERITOR NEW SHOE PART NO.	MERITOR REMAN CORE NO.	MFR.
4702	4"	A 3222 M 2223	C4702QP	Meritor Q Plus
4703	5"	A 3222 D 2110	C4703QP	Meritor Q Plus
4704	6"	A 3222 E 2111	C4704QP	Meritor Q Plus
4705	7"	A 3222 F 2112		Meritor Q Plus
4706	8"	Not Available	C4706QP	Meritor Q Plus
4710	8.625"	A 3222 A 2159	C4710QP	Meritor Q Plus

FMSI NO.	WIDTH	MERITOR NEW SHOE PART NO.	MERITOR REMAN CORE NO.	MFR.
1252	5"	R700346		Wagner
4596	6"	R700381		Wagner



4710	8.625"	Not Available	C4710IMT <sup>1</sup>	IMT
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1279	3.5"	Not Available		Wagner
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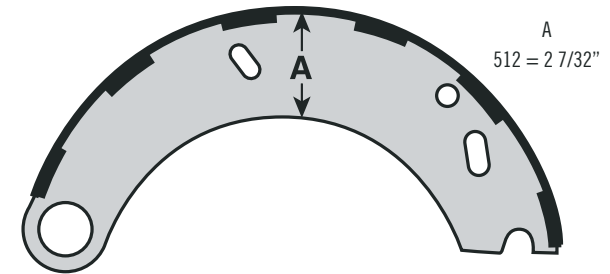
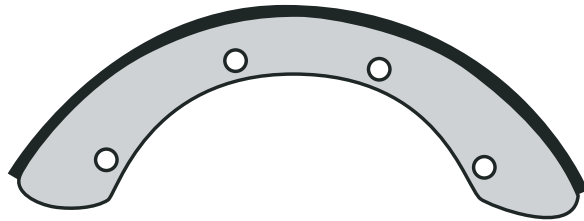
<sup>1</sup> 4710 IMT for use on IMT axles— only. Shoe table has been repositioned, changing the contact points.



# BRAKE SHOE IDENTIFICATION CHART



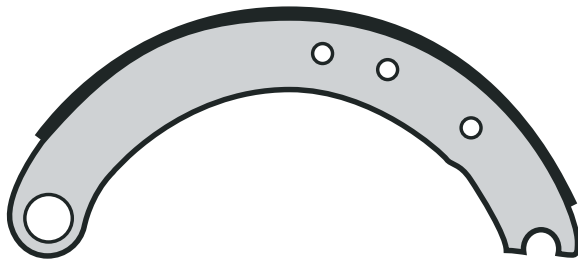
## 15" Diameter



FMSI NO.	WIDTH	MERITOR NEW SHOE PART NO.	MERITOR REMAN CORE NO.	MFR.
4615	5"	A 3722 T 358		Stopmaster Wedge
4605	6"	A 3722 U 359	C4605R	Stopmaster Wedge
4602	7"	A 3222 S 2021		Stopmaster Wedge

FMSI NO.	WIDTH	MERITOR NEW SHOE PART NO.	MERITOR REMAN CORE NO.	MFR.
1308A	4"	Not Available		Wagner 512

## 16.25" Diameter

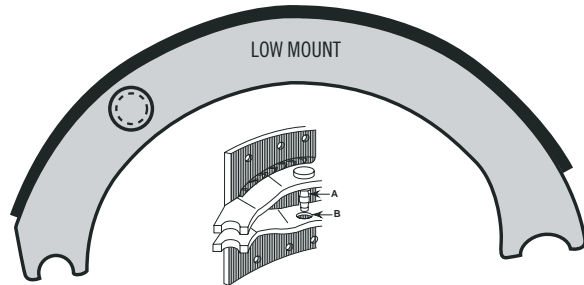


FMSI NO.	WIDTH	MERITOR NEW SHOE PART NO.	MERITOR REMAN CORE NO.	MFR.
4561	3.5"	Not Available		Meritor T Brake

# BRAKE SHOE IDENTIFICATION CHART

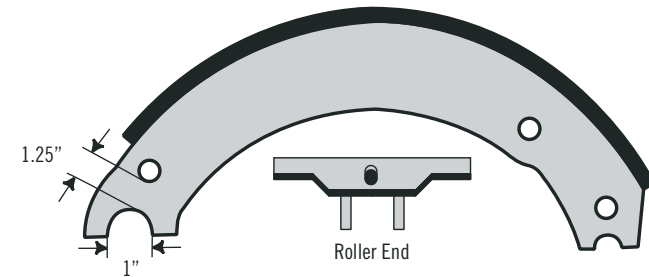


## 16.5" Diameter

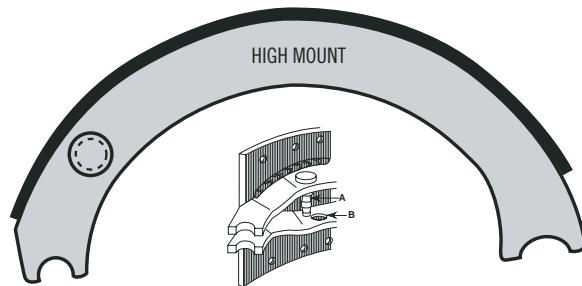


Spring Pin "A" is directly in line with Hole "B" in opposite Web.

FMSI NO.	WIDTH	MERITOR NEW SHOE PART NO.	MERITOR REMAN CORE NO.	MFR.
4317G	6"	Not Available	C4317	Eaton
4311J	7"	R4311	C4311	Eaton
4674	8.625"	R700021	C4674	Eaton

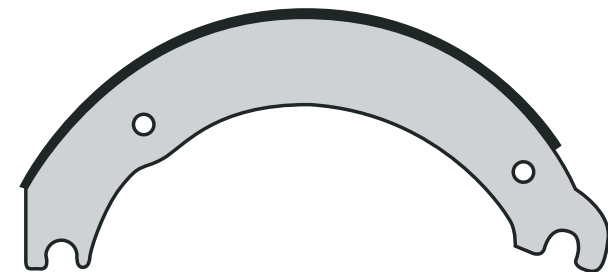


FMSI NO.	WIDTH	MERITOR NEW SHOE PART NO.	MERITOR REMAN CORE NO.	MFR.
4708	7"	Not Available	C4708R	Eaton Q Retrofit



Spring Pin "A" is located farther toward the end of the shoe.

4223A	5"	R700008		Eaton
4317G	6"	R700023	C4317H	Eaton
4311J	7"	R700010		Eaton

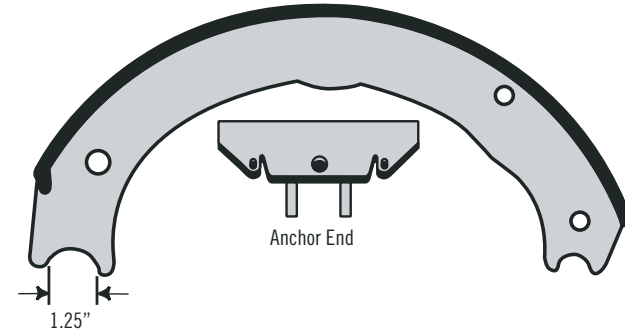
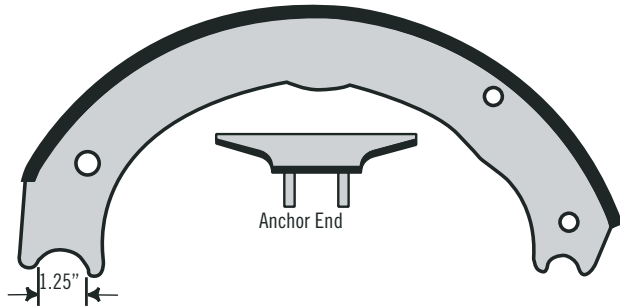


4515E	7"	Not Available		Bendix
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# BRAKE SHOE IDENTIFICATION CHART

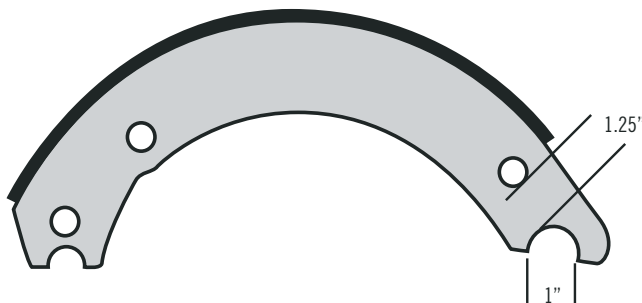


## 16.5" Diameter



FMSI NO.	WIDTH	MERITOR NEW SHOE PART NO.	MERITOR REMAN CORE NO.	MFR.
4719	5"	R700024	C4719	Eaton ES II
4725	6"	R700025	C4725	Eaton ES II
4709	7"	R4709G2	C4709G2	Eaton ES II
4726	8.625"	R700026	C4726	Eaton ES II

FMSI NO.	WIDTH	MERITOR NEW SHOE PART NO.	MERITOR REMAN CORE NO.	MFR.
4709	7"	R4709	C4709	Eaton ES



4701	7"	Not Available	C4701 <sup>2</sup>	Dana
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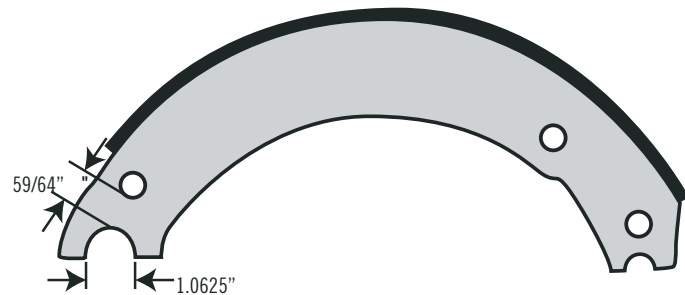
4515E	7"	Not Available	C4515F	Fruehauf P
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2 Not acceptable as a core return when purchasing 4515Q reman shoes.

# BRAKE SHOE IDENTIFICATION CHART



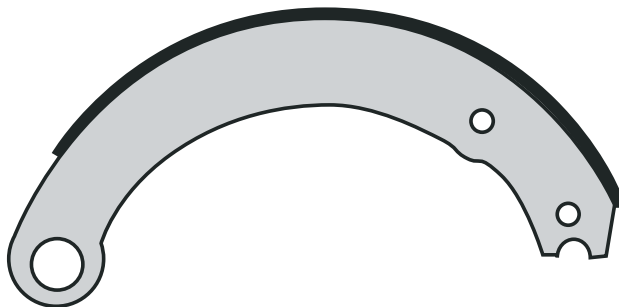
## 16.5" Diameter



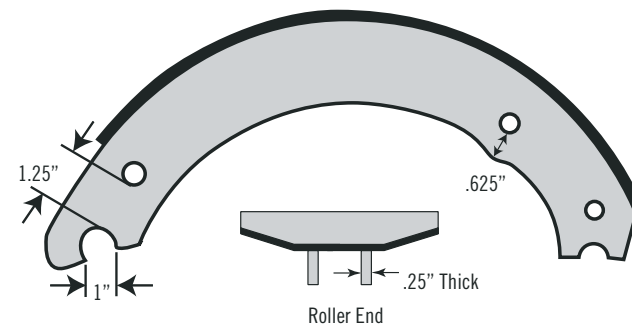
FMSI NO.	WIDTH	MERITOR NEW SHOE PART NO.	MERITOR REMAN CORE NO.	MFR.
4515E	7"	R4515F3	C4515F3	Fruehauf XEM 3
4551B	8.625"	Not Available		Fruehauf XEM 3 LH
4551B	8.625"	R704551		Fruehauf XEM 3 RH



FMSI NO.	WIDTH	MERITOR NEW SHOE PART NO.	MERITOR REMAN CORE NO.	MFR.
4515G	7"	R4515F5		Meritor/Fruehauf XEM3



4524B	5"	A 3722 D 82		Meritor P
4514G	6"	Not Available		Meritor P
4515E	7"	A 3722 N 66	C4515P	Meritor P



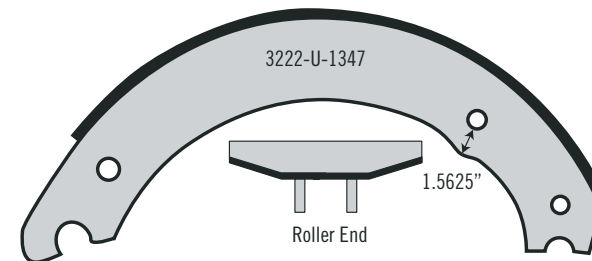
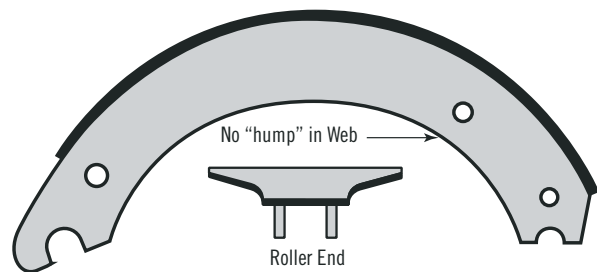
4524B	5"	A 3222 E 1383	C4524Q	Meritor Q
4514G	6"	A 3222 C 1381	C4514Q	Meritor Q
4515G	7"	A91 3222 S 1293 <sup>3</sup>	C4515Q	Meritor Q
4515G	7"	R4515 <sup>4</sup>	C4515Q	Meritor Q
4644A	8"	A 3222 B 1510		Meritor Q
4551B	8.625"	R4551Q	C4551Q	Meritor Q

3 Production Shoe  
4 Aftermarket Shoe

# BRAKE SHOE IDENTIFICATION CHART

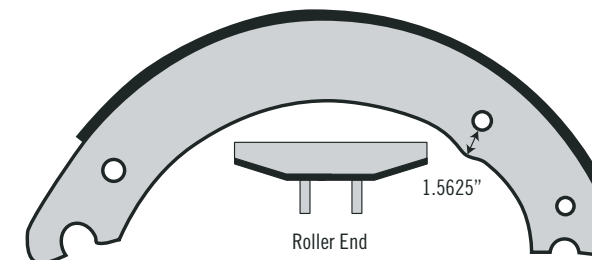
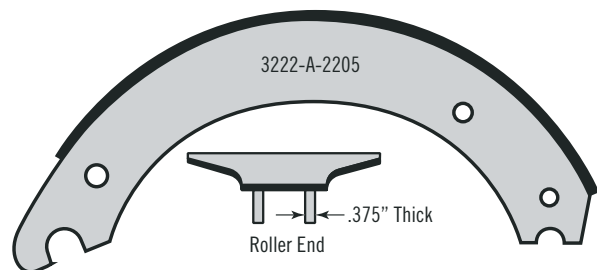


## 16.5" Diameter



FMSI NO.	WIDTH	MERITOR NEW SHOE PART NO.	MERITOR REMAN CORE NO.	MFR.
4720	5"	A 3222 Z 2288	C4720QP	Meritor Q Plus
4715	6"	A 3222 P 2200	C4715QP	Meritor Q Plus
4707	7"	A19 3222 D 2006 <sup>3</sup>	C4707QP	Meritor Q Plus
4707	7"	R4707 <sup>4</sup>	C4707QP	Meritor Q Plus
4707	7"	R4707	C4707QP	Spicer XLII
4718	8"	A 3222 J 2272	C4718QP	Meritor Q Plus
4711	8.625"	A 3222 K 2169	C4711QP	Meritor Q Plus

FMSI NO.	WIDTH	MERITOR NEW SHOE PART NO.	MERITOR REMAN CORE NO.	MFR.
4524B	5"	A 3222 J 1440	C4524QR	Meritor Q Mack
4514G	6"	A 3222 V 1348	C4514QR	Meritor Q Mack



4707 | 7" | A 3222 X 2208 | C4707QPM | Meritor Q Plus HD Shoe

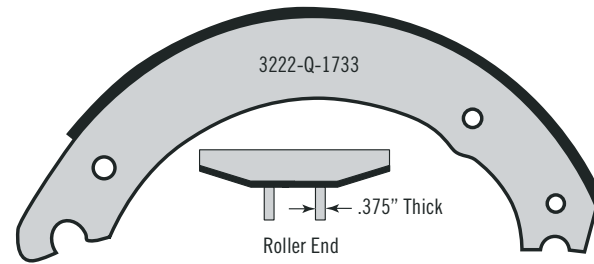
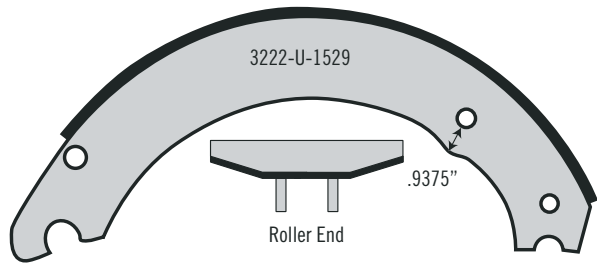
4707 | 7" | A 3222 F 2320 | C4707QPR | Meritor Q Plus

<sup>3</sup> Production Shoe  
<sup>4</sup> Aftermarket Shoe

# BRAKE SHOE IDENTIFICATION CHART



## 16.5" Diameter



FMSI NO.	WIDTH	MERITOR NEW SHOE PART NO.	MERITOR REMAN CORE NO.	MFR.
4524B	5"	A 3222 G 1541		Meritor Q (1.68" offset spider)

FMSI NO.	WIDTH	MERITOR NEW SHOE PART NO.	MERITOR REMAN CORE NO.	MFR.
4515H	7"	A 3222 S 1735		Meritor Q Mack HD Shoe

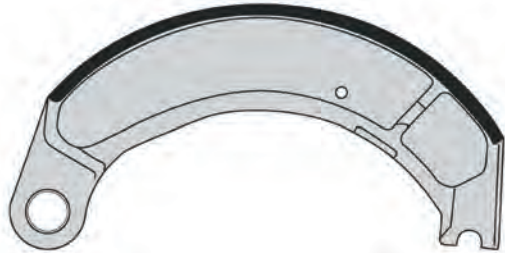


4515	7"	A 3222 D 1954	C4515PC	Meritor Cast Iron
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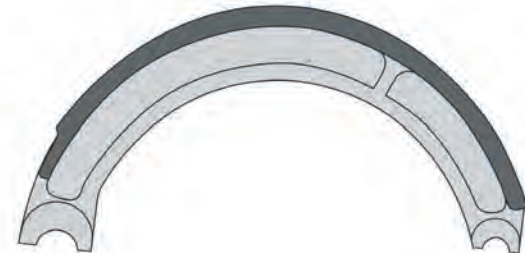
# BRAKE SHOE IDENTIFICATION CHART



## 18" Diameter



FMSI NO.	WIDTH	MERITOR NEW SHOE PART NO.	MERITOR REMAN CORE NO.	MFR.
4471B	7"	A1 3222 B 1952	C4471	Meritor Cast Iron



FMSI NO.	WIDTH	MERITOR NEW SHOE PART NO.	MERITOR REMAN CORE NO.	MFR.
4527B	7"	Not Available	C4527	Eaton Cast Iron

# BRAKE SHOE IDENTIFICATION CHART



## Typical Brake Shoe

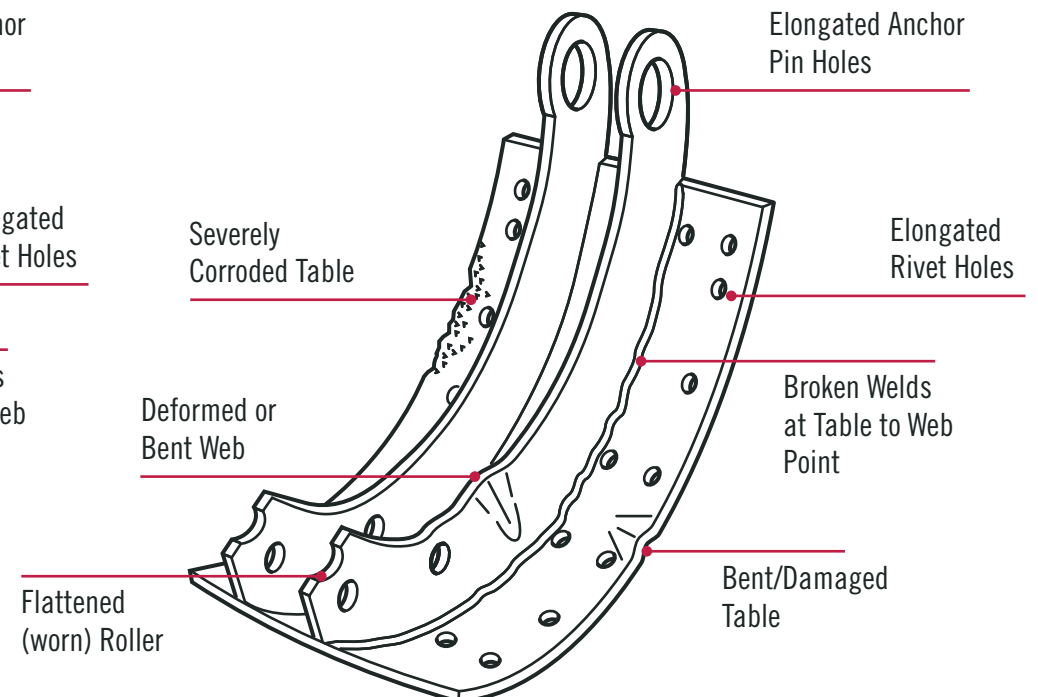
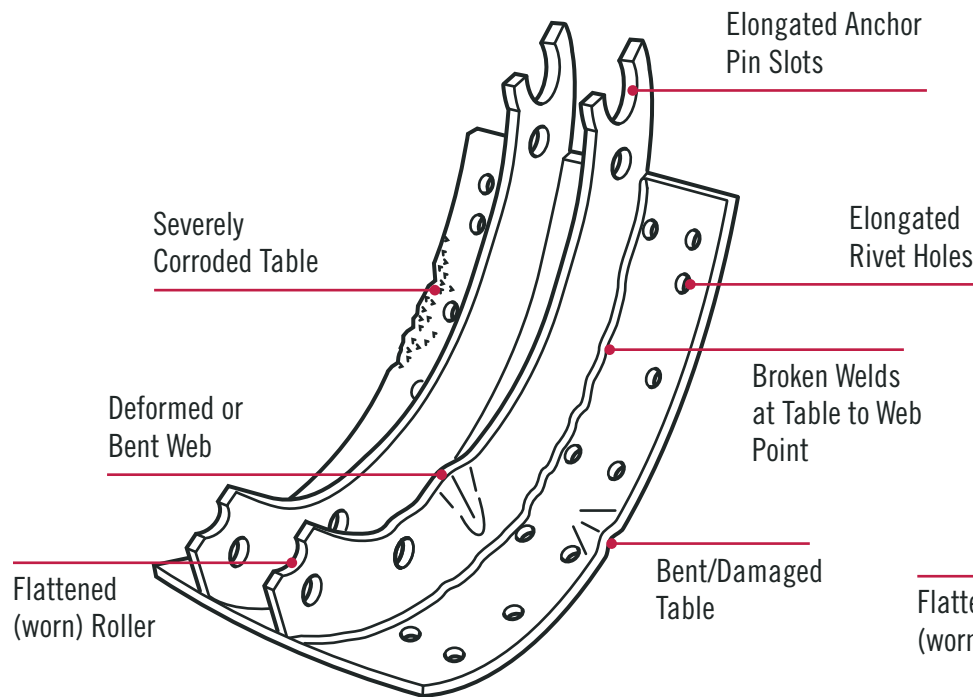
### Damage Shown Below Indicates AN UNACCEPTABLE CORE

#### VISUAL INSPECTION PROCEDURE for Brake Shoes with Anchor Pin Slots

Look for damage in the areas shown here. Scrap the shoe if any of these conditions exist.

#### VISUAL INSPECTION PROCEDURE for Brake Shoes with Anchor Pin Holes

Look for damage in the areas shown here. Scrap the shoe if any of these conditions exist.





# REMANUFACTURED BRAKE SHOES WITH PLATINUMSHIELD® III COATING



## THE POWER OF PLATINUM PROTECTS AGAINST RUST-JACKING FOR 3-YEARS/300,000-MILES.



It's hard to improve on an original – especially a game changing original such as PlatinumShield, but that's exactly what our team of engineers did. And it's going to pay even bigger dividends for Meritor® customers.

At Meritor, we continue to invest in our PlatinumShield technology to improve performance and durability. Meritor engineers are continually conducting research and testing to discover ways to improve our PlatinumShield coating process. The result is PlatinumShield III, our third-generation coating with advanced engineering that maximizes resistance to rust-jacking.

In developing PlatinumShield III coating, our aftermarket engineering team discovered a refinement in the process that provides superior adhesion of the coating to the surface of the shoe. Superior adhesion enables the coating to protect the brake shoe for a significantly longer time on the road, increasing the shoe's durability to withstand the corrosion caused by highway de-icing chemicals. The result is a quantum leap in technological performance that creates a new standard of brake-shoe durability. PlatinumShield III coating provides unsurpassed resistance to rust-jacking and corrosion while extending the life of your brakes.

### Why Does Rust-Jacking Require a Long-Lasting Solution?

- Rust-jacking often shortens the life of brake shoes and brake linings, preventing truck operators from getting the full life out of their equipment.
- Rust-jacking is a field condition caused by harsh anti-icing liquids in winter road solvents, combined with thawing and freezing moisture that penetrates the brake shoe coating and causes rust to build up on the brake shoe table.
- As rust builds up, it pushes outward against the lining, “jacking” it up between the rivets, until the lining cracks.
- Once the lining cracks, driving is unsafe, and the lining must be replaced, cutting short the brake shoe life and denying truck operators its full value – often with a thick amount of lining remaining.
- Rust-jacking is found most often where intense brake heat cannot dry out the shoe table. Typically, it occurs in front shoes.



### How Did Our Brake Engineers Solve This Longtime Rust-Jacking Problem?

Introduced in 2009, PlatinumShield was created to address a real-world corrosion problem that had long beset the trucking industry. In order to develop a real-world solution, our brake experts re-created actual road conditions. We subjected lined brake shoes to brake applications on a dynamometer before subjecting them to a salt spray test. That way, brake shoes reached the salt spray test with wear and tear that more closely approximated actual highway results.

Next, in our ASTM B-117 salt spray test, brake shoes were sprayed with modern anti-icing road solvents and salt water for 400 hours. We observed how rust forms on brake shoe tables, and tested the corrosion-resistance of countless paints and coatings.





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## BRAKE AND WHEEL END



### DRIVELINES

For comprehensive information about Meritor drivelines and components, visit [MeritorDrivelines.com](http://MeritorDrivelines.com)



### VISUAL SEARCH

Easy access to visual product identification search

**NOTES:** \_\_\_\_\_

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