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# Remanufactured Brake Shoe Core Identification

# Brake Shoe Core Identification Chart

## EUCLID REMANUFACTURED BRAKE SHOES CORE NUMBER INDEX BY APPLICATION

FMSI NO.	APPLICATION	CORE NO.	CORE I.D. PAGE NO.	FMSI NO.	APPLICATION	CORE NO.	CORE I.D. PAGE NO.
1245C	15" x 3" Wagner Hydraulic	<b>C1245C</b>	7	4514G	16.5" x 6" Euclid "Q"	<b>C4514Q</b>	11
1252	15" x 5" Wagner Hydraulic	<b>C1252</b>	7	4514G	16.5" x 6" Euclid "Q" w/relocated spring hole	<b>C4514QR</b>	12
1254	16" x 5" Wagner Hydraulic	<b>C1254</b>	8	4515E	16.5" x 7" Bendix	<b>C4515B</b>	8
1255	16" x 6" Wagner Hydraulic	<b>C1255</b>	8	4515E	16.5" x 7" Fruehauf "XEM2"	<b>C4515F2</b>	10
1278	15" x 3" Wagner Air	<b>C1278</b>	7	4515E	16.5" x 7" Fruehauf "XEM3"	<b>C4515F3</b>	11
1279	15" x 3.5" Wagner Air	<b>C1279</b>	7	4515G	16.5" x 7" Euclid for Fruehauf (F5)	<b>C4515F5</b>	11
1280B	15" x 3.5" Wagner Hydraulic	<b>C1280B</b>	7	4515H	16.5" x 7" Euclid H.D. "Q"	<b>C4515H</b>	12
1307	15" x 3.5" Euclid T Front	<b>C1307</b>	5	4515G	16.5" x 7" Euclid "P"	<b>C4515P</b>	11
1308A	15" x 4" Wagner Air ( 512 shoe )	<b>C1308W2</b>	7	4515G	16.5" x 7" Euclid "Q"	<b>C4515Q</b>	11
1308A	15" x 4" Wagner Air ( 426 shoe )	<b>C1308W6</b>	7	4515G	16.5" x 7" Spicer Fast Change	<b>C4515Q</b>	11
1308A	15" x 4" Wagner Air ( 458 shoe )	<b>C1308W8</b>	7	4524B	16.5" x 5" Euclid "P"	<b>C4524P</b>	11
1308TT	15" x 4" Euclid "Q" Front	<b>C1308</b>	5	4524B	16.5" x 5" Euclid "Q"	<b>C4524Q</b>	11
1308TT	15" x 4" Eaton Front	<b>C1308E</b>	5	4524B	16.5" x 5" Euclid "Q" for 1.68" offset spider	<b>C4524QA</b>	12
1308TT	15" x 4" Euclid "T" Front	<b>C1308T</b>	5	4524B	16.5" x 5" Euclid "Q" w/ relocated spring hole	<b>C4524QR</b>	12
1443TT	15" x 4" Eaton "ES" Front	<b>C1443</b>	6	4528A	15" x 5" Euclid Lucas Hydraulic	<b>C4528</b>	6
4223A	16.5" x 5" Eaton	<b>C4223</b>	9	4549C	16.5" x 4" Euclid "Q"	<b>C4549Q</b>	11
4311J	16.5" x 7" Eaton ( Low Mount )	<b>C4311</b>	9	4551B	16.5" x 8.625" Fruehauf "XEM3" LH	<b>C4551F3L</b>	11
4311J	16.5" x 7" Eaton ( High Mount )	<b>C4311H</b>	9	4551B	16.5" x 8.625" Fruehauf "XEM3" RH	<b>C4551F3R</b>	11
4317G	16.5" x 6" Eaton ( Low Mount )	<b>C4317</b>	9	4551B	16.5" x 8.625" Euclid "P"	<b>C4551P</b>	11
4317G	16.5" x 6" Eaton ( High Mount )	<b>C4317H</b>	9	4551B	16.5" x 8.625" Euclid "Q"	<b>C4551Q</b>	11
4504A	15" x 6" Euclid Lucas Hydraulic	<b>C4504</b>	6	4561	16.25" x 3.5" Euclid "T"	<b>C4561</b>	8
4505A	15" x 7" Euclid Lucas Hydraulic	<b>C4505</b>	6	4562A	15" x 3.5" Euclid Stopmaster Wedge	<b>C4562</b>	7
4514G	16.5" x 6" Euclid "P"	<b>C4514P</b>	11	4591	12.25" x 7.5" Dexter "PQ"	<b>C4591D</b>	4

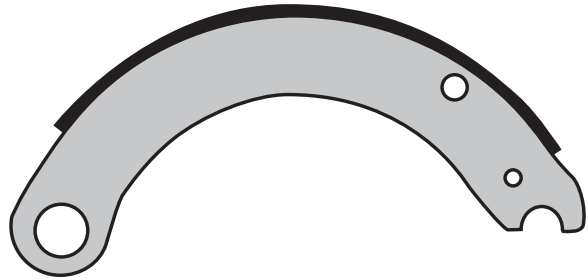
# Brake Shoe Core Identification Chart

## EUCLID REMANUFACTURED BRAKE SHOES CORE NUMBER INDEX BY FMSI NUMBER

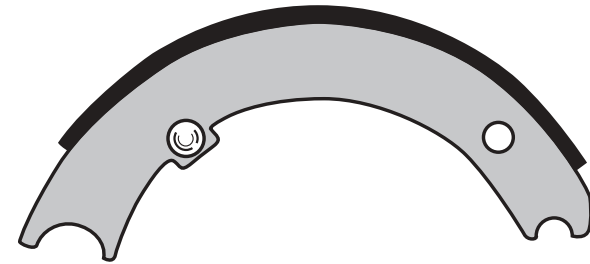
FMSI NO.	APPLICATION	CORE NO.	CORE I.D. PAGE NO.	FMSI NO.	APPLICATION	CORE NO.	CORE I.D. PAGE NO.
4591	12.25" x 7.5" Eaton	<b>C4591E</b>	4	4702	15" x 4" Euclid "Q Plus" Front	<b>C4702QP</b>	6
4591	12.25" x 7.5" Standard Forge (closed roller end)	<b>C4591S</b>	4	4703	15" x 5" Euclid "Q Plus" Front	<b>C4703QP</b>	6
4596	15" x 6" Wagner Hydraulic	<b>C4596</b>	7	4704	15" x 6" Euclid "Q Plus" Front	<b>C4704QP</b>	6
4597	15" x 7" Wagner Hydraulic	<b>C4597</b>	7	4705	15" x 7" Euclid "Q Plus" Front	<b>C4705QP</b>	6
4602	15" x 7" Bendix Wedge	<b>C4602B</b>	7	4706	15" x 8" Euclid "Q Plus" Front	<b>C4706QP</b>	6
4602	15" x 7" Euclid Stopmaster Wedge	<b>C4602R</b>	7	4707	16.5" x 7" Euclid "Q Plus"	<b>C4707QP</b>	12
4605	15" x 6" Bendix Wedge	<b>C4605B</b>	7	4707	16.5" x 7" Spicer "XL II"	<b>C4707QP</b>	12
4605	15" x 6" Euclid Stopmaster Wedge	<b>C4605R</b>	7	4707	16.5" x 7" Euclid H.D. "Q Plus"	<b>C4707QPM</b>	12
4615	15" x 5" Bendix Wedge	<b>C4615B</b>	7	4708	16.5" x 7" Eaton for Fruehauf	<b>C4708F</b>	9
4615	15" x 5" Euclid Stopmaster Wedge	<b>C4615R</b>	7	4708	16.5" x 7" Eaton for Rockwell	<b>C4708R</b>	9
4625B	16.5" x 7" Euclid H.D. P	<b>C4625</b>	11	4709	16.5" x 7" Eaton "ES I"	<b>C4709</b>	10
4639	15" x 5" General Motors Hydraulic	<b>C4639</b>	6	4709	16.5" x 7" Eaton "ES II"	<b>C4709G2</b>	10
4644A	16.5" x 8" Euclid "Q"	<b>C4644</b>	11	4710	15" x 8.625" Euclid "Q Plus"	<b>C4710QP</b>	6
4647	15" x 4" Kelsey Hayes / Gunite Hydraulic	<b>C4647</b>	6	4711	16.5" x 8.625" Euclid "Q Plus"	<b>C4711QP</b>	12
4670	12.25" x 7.5" Euclid "Q"	<b>C4670</b>	5	4715	16.5" x 6" Euclid "Q Plus"	<b>C4715QP</b>	12
4674	16.5" x 8.625" Eaton	<b>C4674</b>	9	4718	16.5" x 8" Euclid "Q Plus"	<b>C4718QP</b>	12
4692	12.25" x 7.5" Standard Forge (open roller end)	<b>C4692</b>	4	4719	16.5" x 5" Eaton "ES"	<b>C4719</b>	10
4692	12.25" x 7.5" Dana Spicer "Fast Change II"	<b>C4692FC2</b>	4	4720	16.5" x 5" Euclid "Q Plus"	<b>C4720QP</b>	12
4692	12.25" x 7.5" Dana Spicer "U"	<b>C4692U</b>	4	4725	16.5" x 6" Eaton "ES"	<b>C4725</b>	10
4693	15" x 4" Bendix	<b>C4693</b>	5	4726	16.5" x 5" Eaton "ES"	<b>C4726</b>	10
4701	16.5" x 7" Spicer "XL"	<b>C4515Q</b>	10				

# Brake Shoe Core Identification Chart

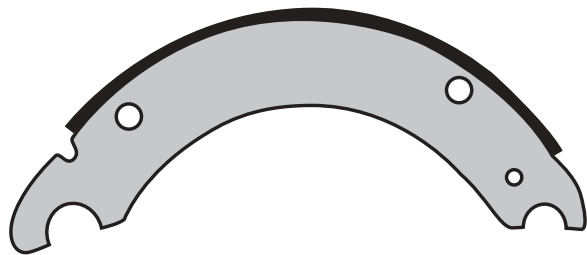
12.25" Diameter



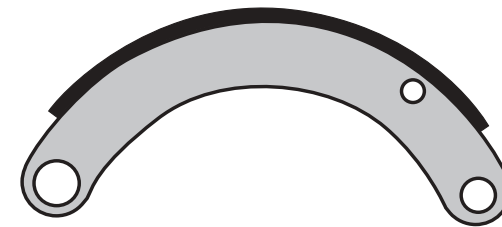
FMSI NO.	WIDTH	EUCLID NEW SHOE PART NO.	EUCLID REMAN CORE NO.	MFRG.
4692	7.5"	<b>E-2394A</b>	C4692	Dana/Std. Forge



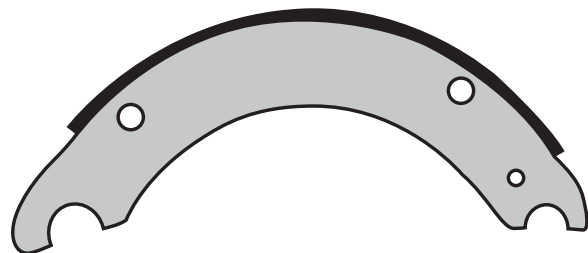
FMSI NO.	WIDTH	EUCLID NEW SHOE PART NO.	EUCLID REMAN CORE NO.	MFRG.
4591	7.5"	<b>E-1398</b>	C4591E	Eaton



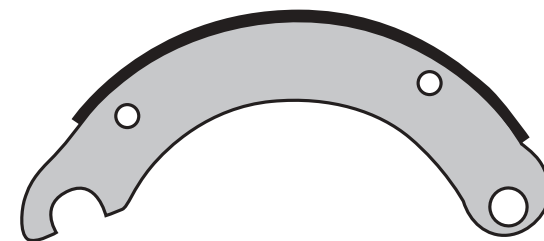
4692	7.5"	<b>E-5303A</b>	C4692U	Dana/Std. Forge
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4591	7.5"	<b>E-2394</b>	C4591S	Std. Forge
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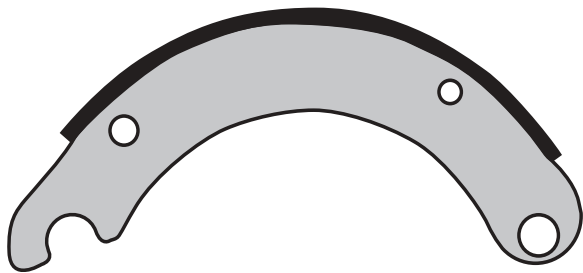
4692	7.5"	<b>E-10763</b>	C4692FC2	Dana/Std. Forge
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4591	7.5"	<b>E-10878</b>	C4591D	Dexter
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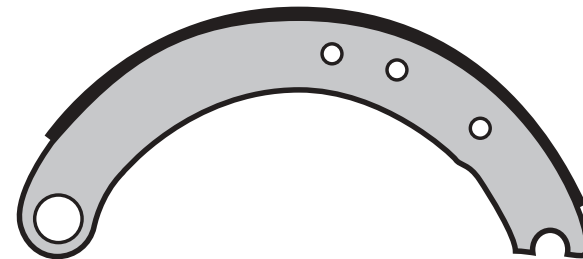
# Brake Shoe Core Identification Chart

## 12.25" Diameter



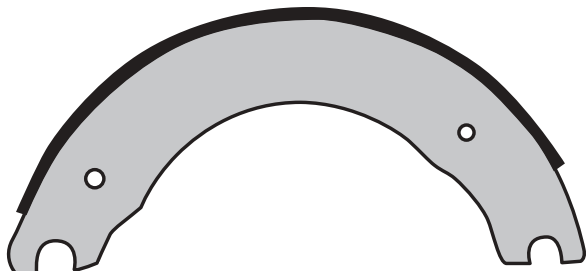
FMSI NO.	WIDTH	EUCLID NEW SHOE PART NO.	EUCLID REMAN CORE NO.	MFRG.
4670	7.5"	E-3491	C4670	Euclid "Q"

## 15" Diameter

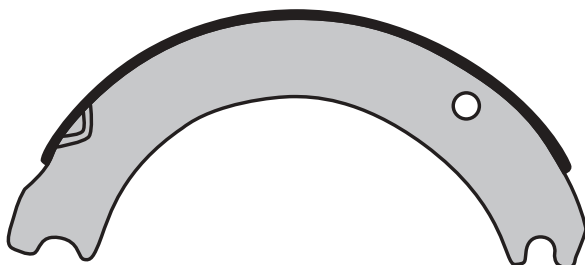


FMSI NO.	WIDTH	EUCLID NEW SHOE PART NO.	EUCLID REMAN CORE NO.	MFRG.
1307	3.5"	E-3438	C1307	Euclid "T" Brake
1308TT	4"	E-3439	C1308T	Euclid "T" Brake

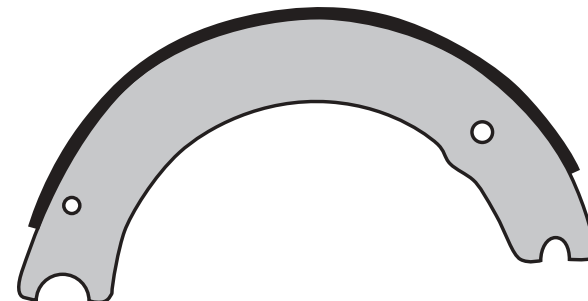
## 15" Diameter



1308TT	4"	E-5528	C1308Q	Euclid "Q"
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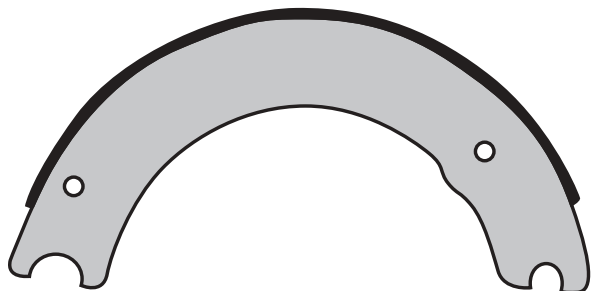
4693	4"	E-7230	C4693	Ford Cargo
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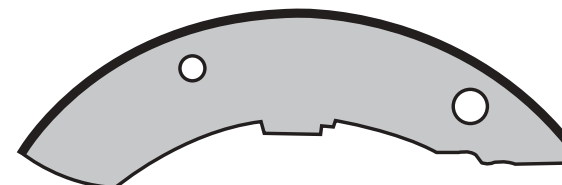
1308TT	4"	E-5126	C1308E	Eaton
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# Brake Shoe Core Identification Chart

## 15" Diameter



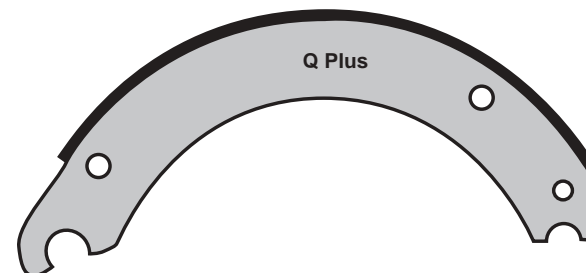
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1443TT	4"	<b>E-9027</b>	C1443	Eaton "ES"



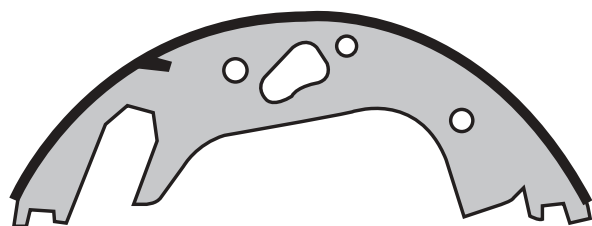
FMSI NO.	WIDTH	EUCLID NEW SHOE PART NO.	EUCLID REMAN CORE NO.	MFRG.
4528A	5"	<b>E-4018</b>	C4528	Lucas A2LS
4504A	6"	<b>E-4019</b>	C4504	Lucas A2LS
4505A	7"	<b>E-4020</b>	C4505	Lucas A2LS



4639	5"	<b>E-3515</b>	C4639	General Motors
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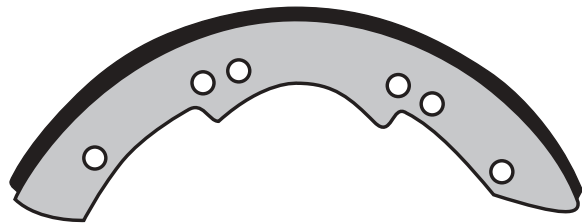
4702	4"	<b>E-9062</b>	C4702QP	Euclid "Q Plus"
4703	5"	N/A	C4703QP	Euclid "Q Plus"
4704	6"	N/A	C4704QP	Euclid "Q Plus"
4705	7"	N/A	C4705QP	Euclid "Q Plus"
4706	8"	N/A	C4706QP	Euclid "Q Plus"
4710	8.625"	N/A	C4710QP	Euclid "Q Plus"



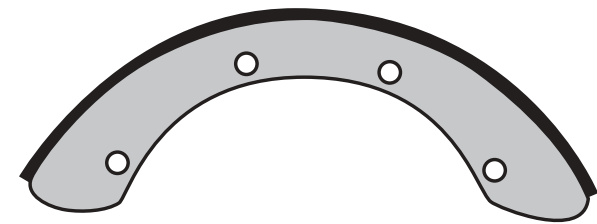
4647	4"	<b>E-2501</b>	C4647	Gunite / Kelsey Hayes
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# Brake Shoe Core Identification Chart

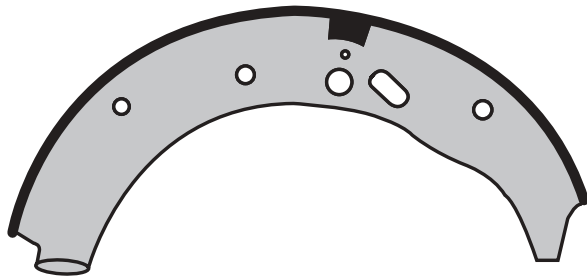
## 15" Diameter



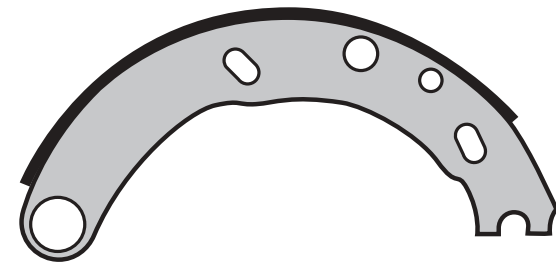
FMSI NO.	WIDTH	EUCLID NEW SHOE PART NO.	EUCLID REMAN CORE NO.	MFRG.
4615	5"	N/A	C4615B	Bendix Wedge
4605	6"	N/A	C4605B	Bendix Wedge
4602	7"	N/A	C4602B	Bendix Wedge



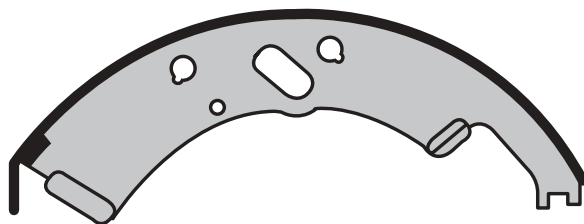
FMSI NO.	WIDTH	EUCLID NEW SHOE PART NO.	EUCLID REMAN CORE NO.	MFRG.
4562A	3.5"	N/A	C4562	Stopmaster Wedge
4615	5"	<b>E-2689</b>	C4615R	Stopmaster Wedge
4605	6"	<b>E-1138</b>	C4605R	Stopmaster Wedge
4602	7"	<b>E-1139</b>	C4602R	Stopmaster Wedge



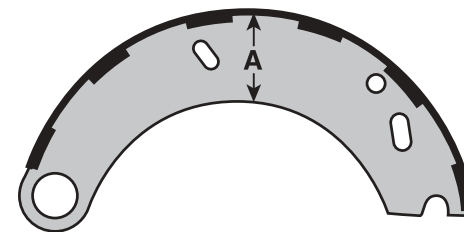
1245C	3"	<b>E-2549</b>	C1245C	Wagner
1280B	3.5"	<b>E-4010</b>	C1280B	Wagner



1278	3"	N/A	C1278	Wagner
1279	3.5"	<b>E-2728</b>	C1279	Wagner



1252	5"	<b>E-2529</b>	C1252	Wagner
4596	6"	<b>E-2498</b>	C4596	Wagner
4597	7"	<b>E-2499</b>	C4597	Wagner

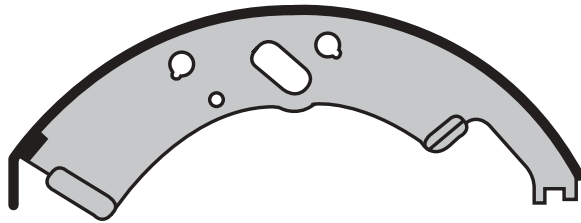


A  
 512 = 2 7/32"  
 458 = 2 15/32"  
 426 = 2 23/32"

1308A	4"	<b>E-4785</b>	C1308W2	Wagner 512
1308A	4"	<b>E-2729</b>	C1308W8	Wagner 458
1308A	4"	<b>E-4742</b>	C1308W6	Wagner 426

# Brake Shoe Core Identification Chart

## 16" Diameter

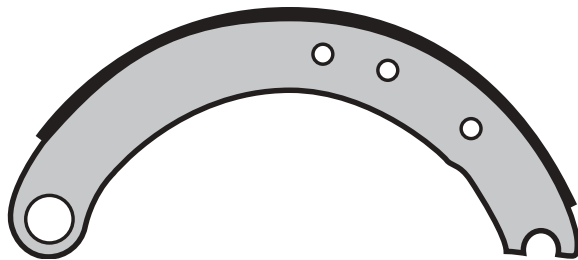


FMSI NO.	WIDTH	EUCLID NEW SHOE PART NO.	EUCLID REMAN CORE NO.	MFRG.
1254	5"	N/A	C1254	Wagner



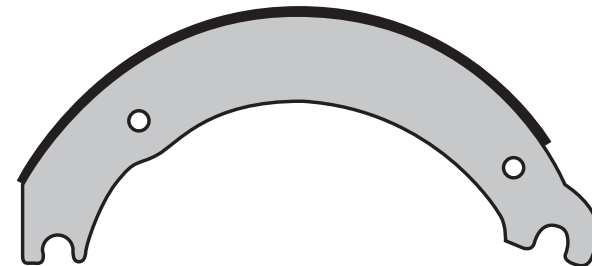
FMSI NO.	WIDTH	EUCLID NEW SHOE PART NO.	EUCLID REMAN CORE NO.	MFRG.
1255	6"	N/A	C1255	Wagner

## 16.25" Diameter



4561	3.5"	E-3441	C4561	Euclid "T" Brake
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## 16.5" Diameter

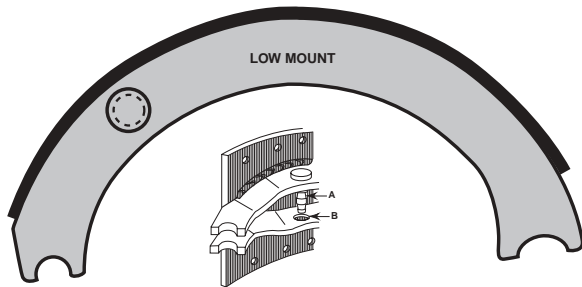


4515E*	7"	E-7236	C4515B	Bendix
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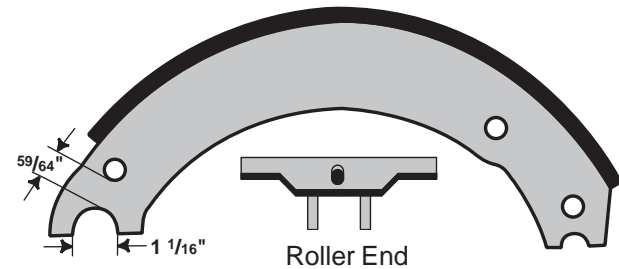


# Brake Shoe Core Identification Chart

## 16.5" Diameter

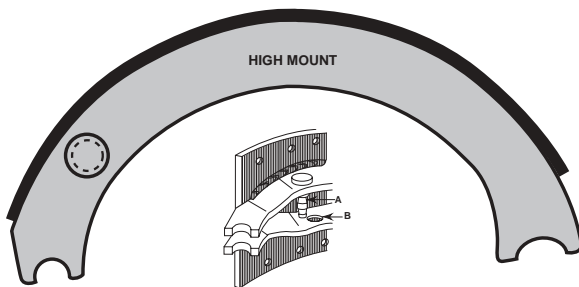


Spring Pin "A" is directly in line with Hole "B" in opposite Web.

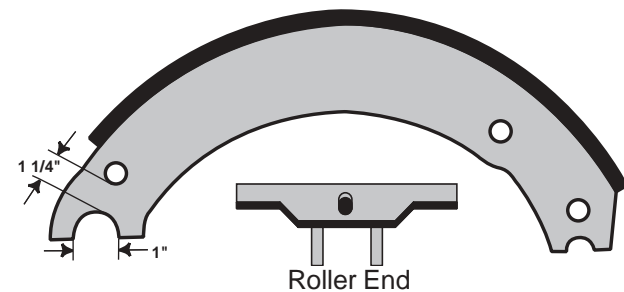


FMSI NO.	WIDTH	EUCLID NEW SHOE PART NO.	EUCLID REMAN CORE NO.	MFRG.
4317G	6"	<b>E-1777</b>	C4317	Eaton
4311J	7"	<b>E-1778</b>	C4311	Eaton
4674	8.625"	<b>E-9054</b>	C4674	Eaton

FMSI NO.	WIDTH	EUCLID NEW SHOE PART NO.	EUCLID REMAN CORE NO.	MFRG.
4708	7"	<b>E-8922</b>	C4708F	Eaton "XEM" Retrofit



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

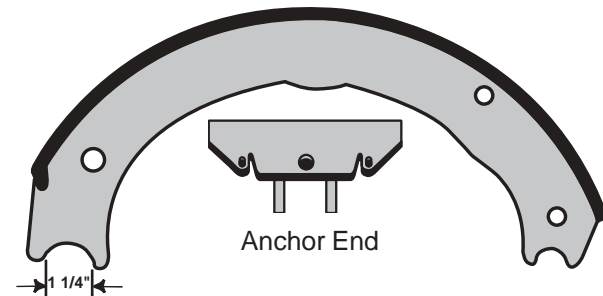
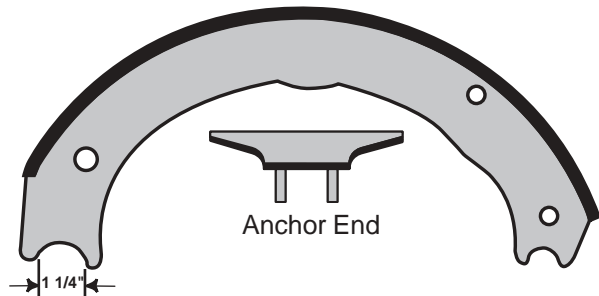


4223A	5"	<b>E-2474</b>	C4223H	Eaton
4317G	6"	<b>E-9509</b>	C4317H	Eaton
4311J	7"	<b>E-2819</b>	C4311H	Eaton

4708	7"	<b>E-8924</b>	C4708R	Eaton "Q" Retrofit
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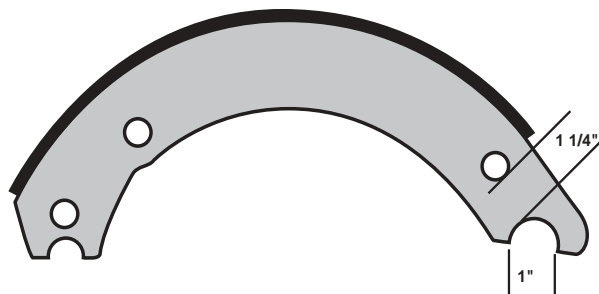
# Brake Shoe Core Identification Chart

## 16.5" Diameter

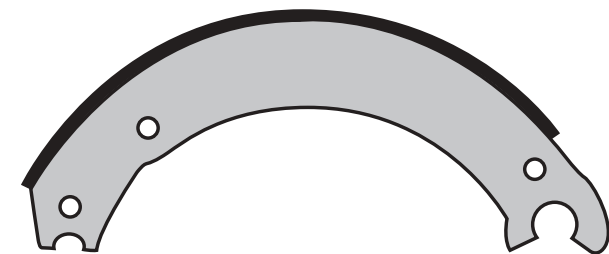


FMSI NO.	WIDTH	EUCLID NEW SHOE PART NO.	EUCLID REMAN CORE NO.	MFRG.
4719	5"	<b>E-10270</b>	C4719	Eaton "ES"
4725	6"	<b>E-10271</b>	C4725	Eaton "ES"
4709	7"	<b>E-10272</b>	C4709G2	Eaton "ES" 2nd Version
4726	8.625"	<b>E-10273</b>	C4726	Eaton "ES"

FMSI NO.	WIDTH	EUCLID NEW SHOE PART NO.	EUCLID REMAN CORE NO.	MFRG.
4709	7"	<b>E-5480</b>	C4709	Eaton "ES" 1st Version



4701	7"	<b>E-2778</b>	C4515Q	Dana
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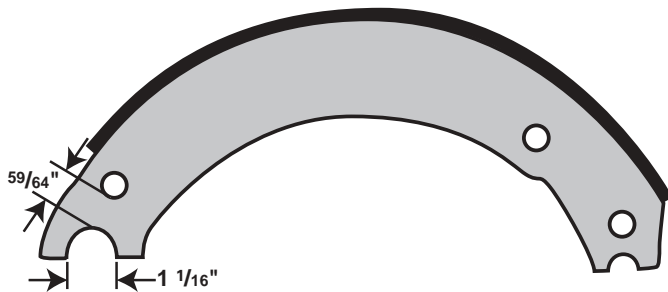


4515E*	7"	<b>E-5487</b>	C4515F2	Fruehauf "XEM 2"
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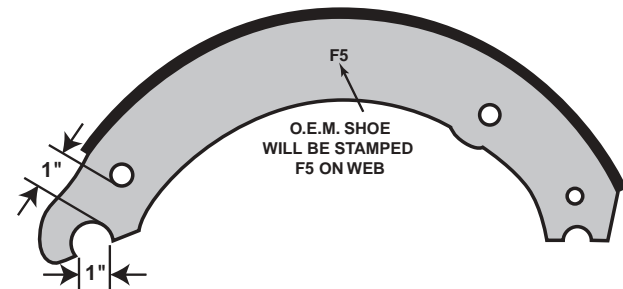
\*See Page 14

# Brake Shoe Core Identification Chart

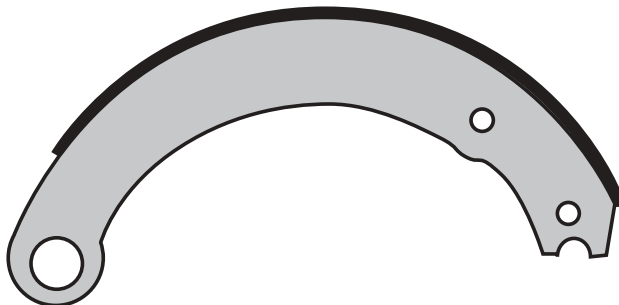
## 16.5" Diameter



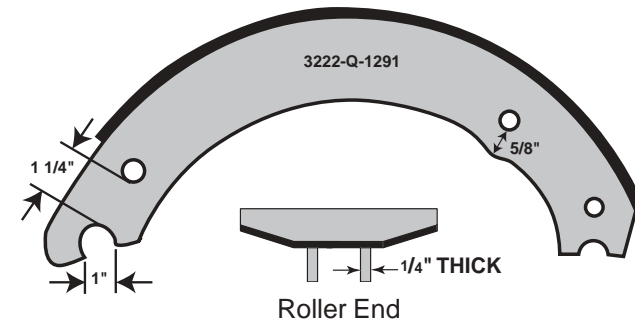
FMSI NO.	WIDTH	EUCLID NEW SHOE PART NO.	EUCLID REMAN CORE NO.	MFRG.
4515E*	7"	<b>E-3920</b>	C4515F3	Fruehauf "XEM 3"
4551B	8.625"	<b>E-3713</b>	C4551F3L	Fruehauf "XEM 3" LH Shoe
4551B	8.625"	<b>E-3714</b>	C4551F3R	Fruehauf "XEM 3" RH Shoe



FMSI NO.	WIDTH	EUCLID NEW SHOE PART NO.	EUCLID REMAN CORE NO.	MFRG.
4515G	7"	<b>E-6075</b>	C4515F5	Euclid/Fruehauf "XEM3"



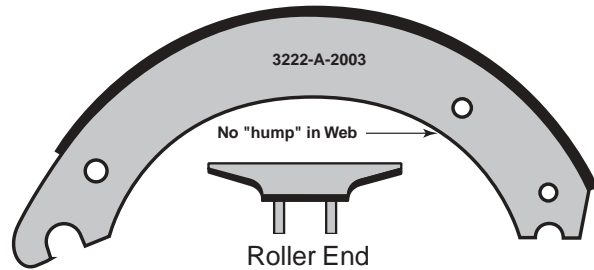
4524B	5"	<b>E-2687</b>	C4524P	Euclid "P"
4514G	6"	<b>E-2684</b>	C4514P	Euclid "P"
4625B	7"	N/A	C4625	H.D. Mack "P"
4515G	7"	<b>E-2241</b>	C4515P	Euclid "P"
4551B	8.625"	<b>E-5239</b>	C4551P	Euclid "P"



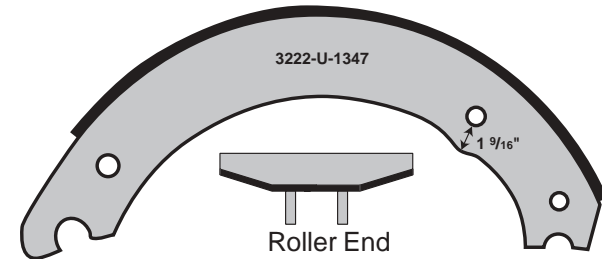
4549C	4"	<b>E-2686</b>	C4549Q	Euclid "Q"
4524B	5"	<b>E-3303</b>	C4524Q	Euclid "Q"
4514G	6"	<b>E-3304</b>	C4514Q	Euclid "Q"
4515G*	7"	<b>E-2778</b>	C4515Q	Euclid "Q"
4515G*	7"	<b>E-2778</b>	C4515Q	Spicer FC
4644A	8"	N/A	C4644	Euclid "Q"
4551B	8.625"	<b>E-3522</b>	C4551Q	Euclid "Q"

# Brake Shoe Core Identification Chart

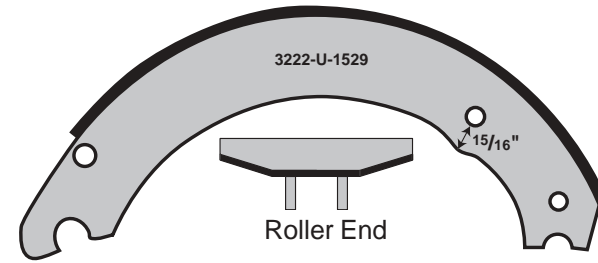
## 16.5" Diameter



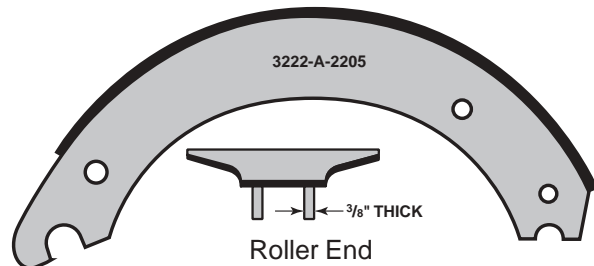
FMSI NO.	WIDTH	EUCLID NEW SHOE PART NO.	EUCLID REMAN CORE NO.	MFRG.
4720	5"	<b>E-10854</b>	C4720QP	Euclid "Q Plus"
4715	6"	<b>E-10847</b>	C4715QP	Euclid "Q Plus"
4707	7"	<b>E-5503</b>	C4707QP	Euclid "Q Plus"
4707	7"	<b>E-5503</b>	C4707QP	Spicer "XLII"
4718	8"	<b>E-10850</b>	C4718QP	Euclid "Q Plus"
4711	8.625"	<b>E-10844</b>	C4711QP	Euclid "Q Plus"



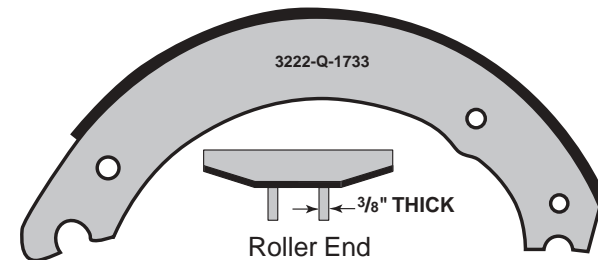
FMSI NO.	WIDTH	EUCLID NEW SHOE PART NO.	EUCLID REMAN CORE NO.	MFRG.
4524B	5"	<b>E-3823</b>	C4524QR	Euclid "Q" Mack
4514G	6"	<b>E-9780</b>	C4514QR	Euclid "Q" Mack



4524B	5"	N/A	C4524QA	Euclid "Q" (1.68" offset spider)
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4707	7"	N/A	C4707QPM	Euclid "Q Plus" HD Shoe
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4515H	7"	<b>E-5092</b>	C4515H	Euclid "Q" Mack HD Shoe
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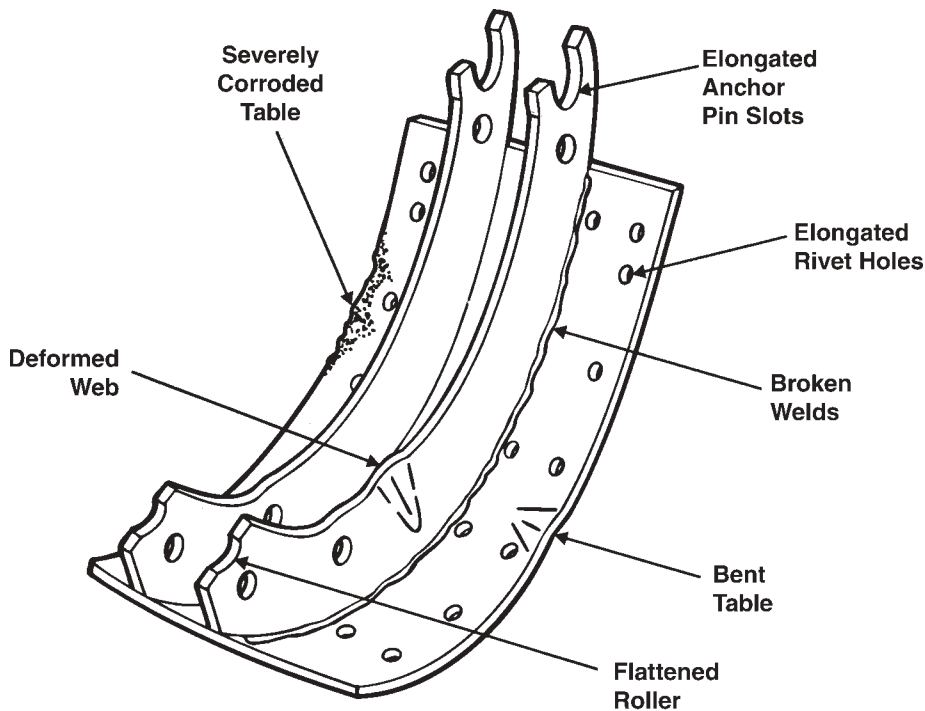
# Brake Shoe Core Identification Chart

## Typical Brake Shoe

Damage Shown Below Indicates  
AN UNACCEPTABLE CORE

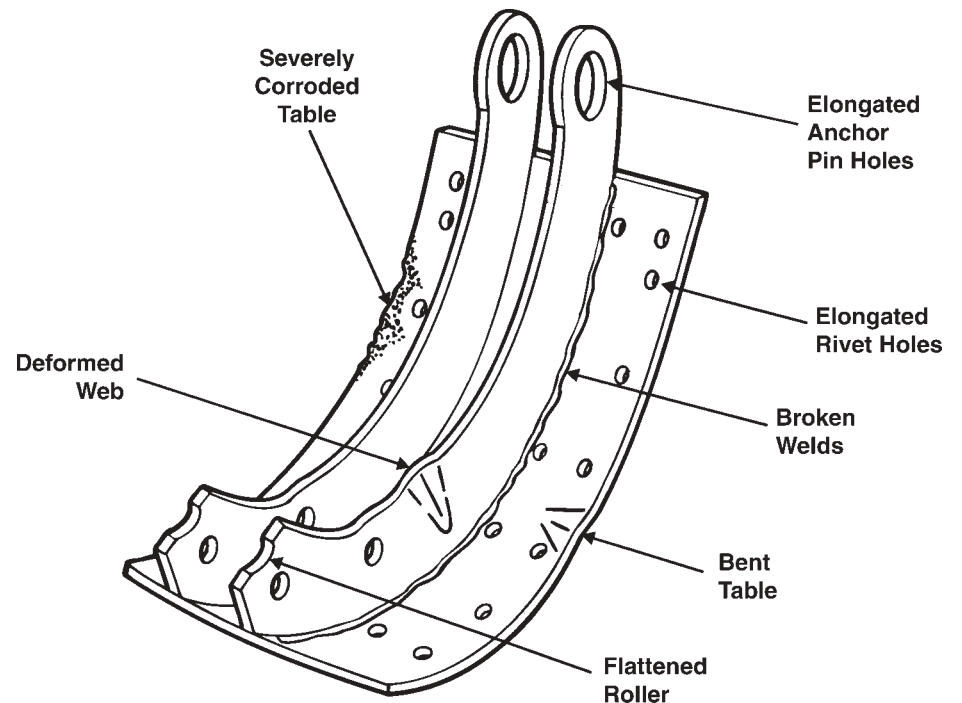
With Anchor Pin Slots  
VISUAL INSPECTION PROCEDURE

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



With Anchor Pin Holes  
VISUAL INSPECTION PROCEDURE

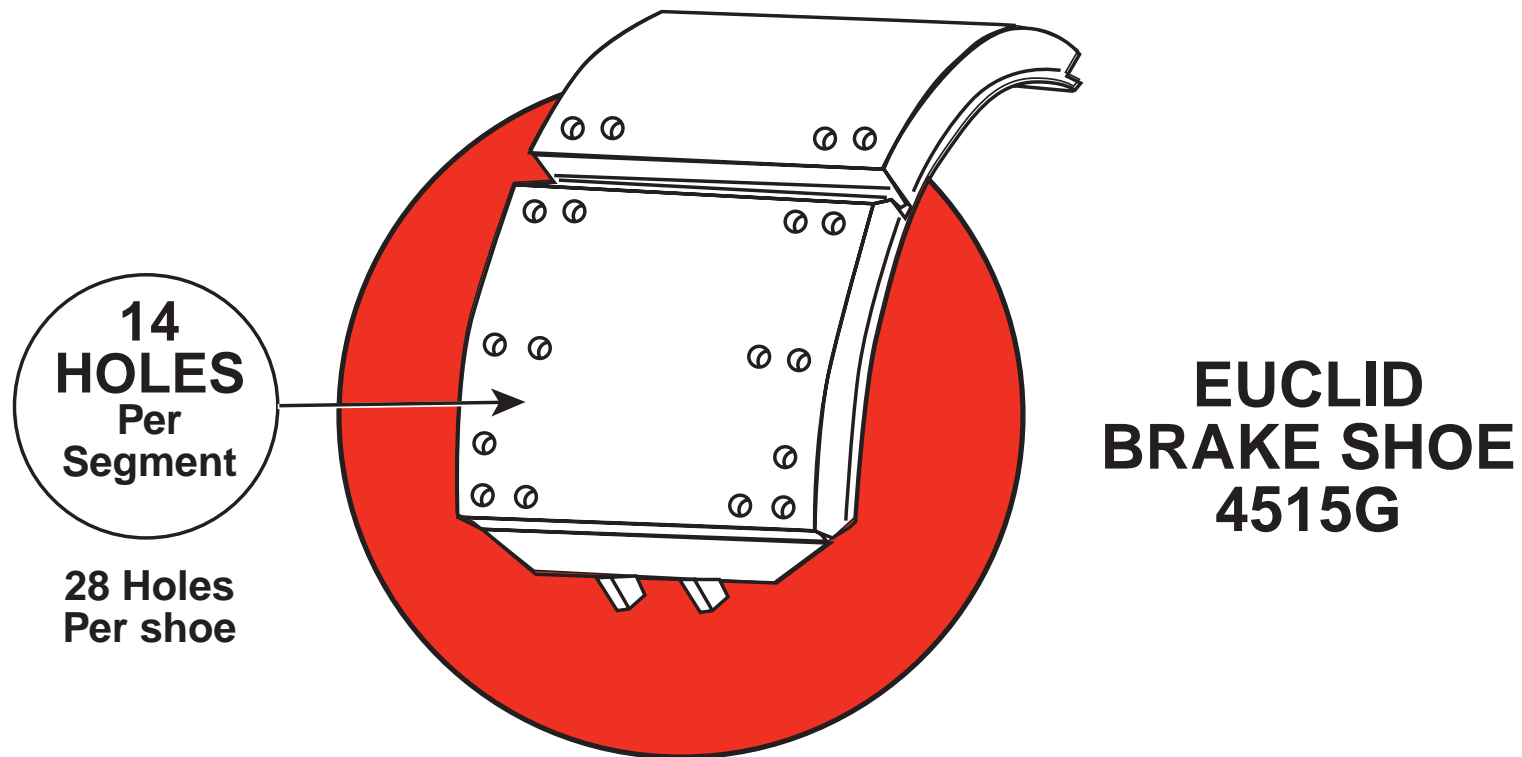
Look for damage in the areas shown here. Scrap the shoe if any of these conditions exist.



# Brake Shoe Core Identification Chart

## Alternate FMSI 4515 Drill Patterns

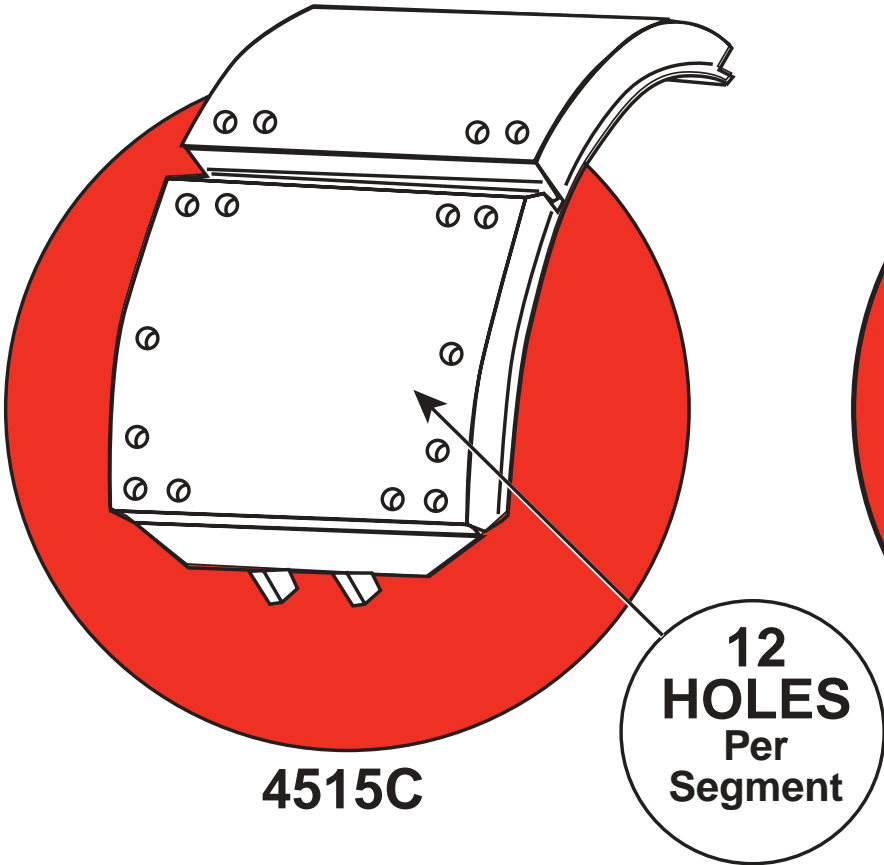
Euclid Production Brake Shoes are drilled using the FMSI 4515G hole pattern. Other makes may be drilled with the FMSI 4515C or 4515E hole patterns. While the number of holes vary, the hole locations allows for FMSI 4515C, 4515E or 4515G to be used interchangeably.



# Brake Shoe Core Identification Chart

## Alternate FMSI 4515 Drill Patterns

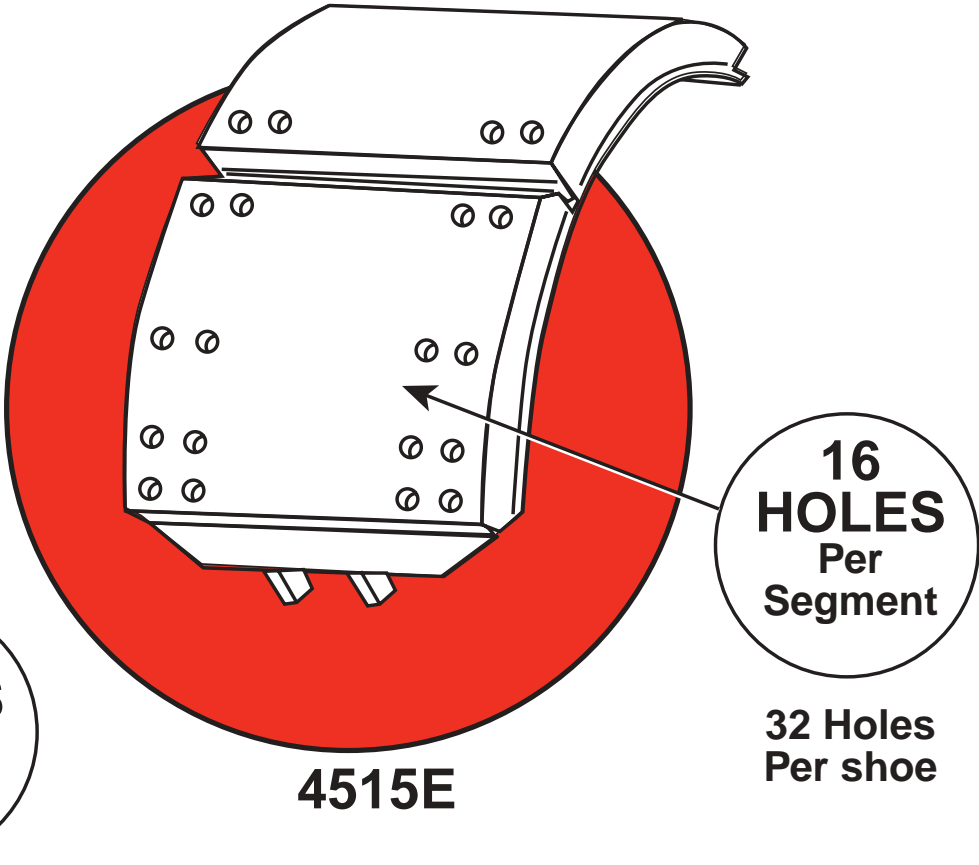
**OPTIONAL**



**4515C**

**24 Holes Per shoe**

**OPTIONAL**



**4515E**

**32 Holes Per shoe**

**ArvinMeritor**<sup>TM</sup>

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