

# BRAKE SHOE IDENTIFICATION

## 12 1/4" DIA.

**FMSI SHOE No.**

**DANA (KERSHAW) & STD. FORGE**

**DANA "U"**

**EATON FTL & SA**

**FRUEHAUF PROPAP**

**MERITOR "Q"**

**STD. FORGE**

(Cast)  
FMSI LINING 5-1/2" 4544  
7-1/2" 4607

FMSI LINING 7-1/2" 4692

FMSI LINING 5-1/2" 4536A  
7-1/2" 4591

FMSI LINING 8" 4649

FMSI LINING 7-1/2" 4670D

FMSI LINING 5-1/2" 4536A  
7-1/2" 4591

## 13" DIA.

**FMSI SHOE No.**

**36**  
**36R**

13" x 2-1/4"  
FMSI LINING 2043

## 14" DIA.

**FMSI SHOE No.**

**63**  
**63R**

**72**

**296**  
Use 325

**299**  
Formerly 109R

**325**  
Fits 1-1/8" & 1-1/4" FWC

**361**

**367**  
Similar to FMS #325 except fits 1" W/C

**398**

**22**

14" x 2-1/4"  
FMSI LINING 224A

14" x 2-1/4"  
FMSI LINING 2060

14" x 2-1/2"  
FMSI LINING 1294

14" x 2-1/2"  
FMSI LINING 2039

14" x 2-1/2"  
FMSI LINING 1294A

14" x 2-1/2"  
FMSI LINING 2060

14" x 2-1/2"  
FMSI LINING 1294A

14" x 2-1/2"  
FMSI LINING 2060

14-1/8" x 3-1/2"  
FMSI LINING 2041

## 15" DIA.

**FMSI SHOE No.**

**235**

**321**

**322**

**463**

**375**  
Use 376

**376**  
376 with Adjuster Hole can be used for 375

**401**

**402**

**427**

**94**  
Use 379

**346**  
Reinforced Anchors 346 w/Adjuster Hole can be used for 377

**377**  
Use 346

**379**  
379 with Adjuster Holes can be used for 94

**400**

**442**  
**(368)**

**490**

**BENDIX (FORD CARGO)**

15" x 3"  
FMSI LINING 1245A

15" x 3"  
FMSI LINING 1245C

15" x 3-1/2"  
FMSI LINING 1280B

15" x 3-1/2"  
FMSI LINING 1280

15" x 4"  
FMSI LINING 4645A

15" x 4"  
FMSI LINING 4645A

15" x 4"  
FMSI LINING 4647

15" x 4"  
FMSI LINING 2032

15" x 4"  
FMSI LINING 4640

15" x 5"  
FMSI LINING 1252

15" x 5"  
FMSI LINING 1252

15" x 5"  
FMSI LINING 1252

15" x 5"  
FMSI LINING 1252

15" x 5"  
FMSI LINING 4639

15" x 5"  
FMSI LINING 1345

15" x 4"  
FMSI LINING 4693

## 15" DIA.

**FMSI SHOE No.**

**491**

**542**

**543**

**BENDIX WEDGE BRAKE**

**MERITOR RSA STOPMASTER WEDGE BRAKE**

**MERITOR STOPMASTER WEDGE BRAKE**

**MERITOR "T"**

**MERITOR "Q"**

**MERITOR Q PLUS BRAKE**

**WAGNER TRUCK & BUS**

**WAGNER FRONT AXLE**

**EATON**

**DANA (EATON) ES**

**380**  
Use 381

**381**  
381 with Adjuster Holes can be used for 380

**382**  
Use 383

15" x 5"  
FMSI LINING 1345A

15" x 5"  
FMSI LINING 4528A

15" x 6"  
FMSI LINING 4504A

FMSI LINING 3" 1290 6" 4605  
3-1/2" 4562A 7" 4602  
5" 4615

FMSI LINING 3-1/2" 1307  
4" 1308

FMSI LINING 3-1/2" 1307  
4" 1308

FMSI LINING 3-1/2" 1307  
4" 1308

FMSI LINING 4" 4702 7" 4705  
5" 4703 8" 4706  
6" 4704 8.63" 4710

FMSI LINING 6" 4594  
7" 4595

FMSI LINING 3" 1278 X = 2-15/32"  
3-1/2" 1279 Note: Special 4" 1308A Order Only

FMSI LINING 4" 1308

15" x 4"  
FMSI LINING 1443

15" x 6"  
FMSI LINING 4596

15" x 6"  
FMSI LINING 4596

15" x 7"  
FMSI LINING 4597

## 15" DIA.

**FMSI SHOE No.**

**383**  
383 with Adjuster Holes can be used for 382

**544**

**EATON ES BRAKE (Extended Service)**

15" x 7"  
FMSI LINING 4597

15" x 7"  
FMSI LINING 4505A

FMSI LINING 6" 4716 8.63" 4717  
7" 4723 10" 4724

Retainer spring tabs bent downward at anchor end 1st design.

## 16" DIA.

**FMSI SHOE No.**

**99**  
Use 385

**385**  
385 with Adjuster Holes can be used for 99

**96**  
Use 386

**386**  
386 with Adjuster Holes can be used for 96

16" x 5"  
FMSI LINING 1254

16" x 5"  
FMSI LINING 1254

16" x 6"  
FMSI LINING 1255

16" x 6"  
FMSI LINING 1255

## 16 1/4" DIA.

**FMSI SHOE No.**

**MERITOR "T"**

FMSI LINING 3-1/2" 4561B  
3-1/2" 4561

## 16 1/2" DIA.

**FMSI SHOE No.**

**DANA (EATON) DOUBLE ANCHOR PIN TRAILER**

**DANA (EATON) SINGLE ANCHOR PIN TRAILER & TRAILER (LOW MOUNT)**

**DANA (EATON) Single Anchor Pin Ford Offset Pin (High Mount)**

**EATON (SCHULER)**

**EATON (SCHULER)**

7" 4515 10" 4552

FMSI LINING 4-1/2" 4570 7" 4311J  
5" 4223A 4311G  
6" 4317G 8.63" 4727

FMSI LINING 7" 4311J

FMSI LINING 6" 4514 7" 4515

FMSI LINING 7" 4515 7" 4625B

NOTE: The shoe is identical to the above non-bushed.

## 16 1/2" DIA.

**FMSI SHOE No.**

**New Style DANA/SPICER U SHOE**

**MERITOR "P"**

**MERITOR "Q" CURRENT DESIGN**

**MERITOR Q PLUS BRAKE**

**DANA (EATON) (Extended Service and ES II)**

**DANA (EATON) EES BRAKE**

**DANA XL BRAKE (Xtra Life)**

**DANA XL BRAKE (Xtra Life) II**

**FRUEHAUF XEM II**

**MERITOR "Q" FOR FRUEHAUF**

**FRUEHAUF "XEM" CURRENT DESIGN CAN USE IN PLACE OF 2ND DESIGN**

**FRUEHAUF**

Original U measured 1-1/4" at A. New style is alternative to ROCKWELL "Q" shoe, will replace or work in conjunction with "Q".

5-1/2" MERITOR

FMSI LINING 4" 4549 8.63" 4551  
5" 4524 10" 4552  
6" 4514 10" 4549/4514  
7" 4515  
7" 4625B (MACK)

Retainer Hole

FMSI LINING 5" 4524 8" 4644B  
6" 4514 8-5/8" 4551  
7" 4515 10" 4549/4514  
7" 4515H (MACK)

No bulge

FMSI LINING 5" 4720 7" 4707  
6" 4715 8" 4718  
6" 4715A 8.63" 4711

ES Retainer spring tabs bent downward at anchor end

ES II

ES NOTE: Roller retainer hole added to cam end of shoe. One piece roller used. Return spring pin not fixed - floats in pin hole. Can be converted to conventional Eaton brake by using standard hardware - does not require cam head change.

ES II NOTE: Shoe tabs staked to webs, not welded. Retainer springs located on shoe web. Brake linings and hardware are interchangeable. Table used on 15" x 6", 15" x 8.625", 16" x 5", 16" x 6", 16" x 7", 16" x 8.625".

NOTE: Eaton aftermarket only version of Rockwell "Q". No cam change from standard brake required - only hardware change. Stamped #80772 on web.

NOTE: Two current versions - one for tractor and one for trailer. Anchor opening for tractor shoe is 1-1/16" - uses 1-1/16" anchor pin. Anchor opening for trailer shoe is 1" - uses 1" anchor pin. Tractor shoe has non-replaceable return spring pin. Both shoe versions have clipped/pointed area at anchor end, for retaining springs. Uses extended life cam head.

FMSI LINING 7" 4708

FMSI LINING 7" 4701

FMSI LINING 7" 4707 8" 4718 8.63" 4711

FMSI LINING 7" 4515

FMSI LINING 7" 4515G 8-5/8" 4551

FMSI LINING 7" 4515 8-5/8" 4551

NOTE: The 8-5/8" shoes are offset only on Fruehauf applications.

FMSI LINING 3-3/4" 2-11/16" 2-11/16" 3-3/4"

LEFT HAND RIGHT HAND

NOTE: The 8-5/8" shoes are offset only on Fruehauf applications.

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