

BRAKE SHOE IDENTIFICATION

12 1/4" DIA.

FMSI SHOE No. **DANA (KERSHAW) & STD. FORGE**

FMSI Lining 5-1/2" 4544 7-1/2" 4607

DANA "U"

FMSI Lining 7-1/2" 4692

EATON FTL & SA

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

FRUEHAUF PROPAP

FMSI Lining 8" 4649

MERITOR "Q"

FMSI Lining 7-1/2" 4670D

STD. FORGE

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

13" DIA.

FMSI SHOE No. **36 36R**

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

14" DIA.

FMSI SHOE No. **63 63R**

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

72

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

296 Use 325

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

299 Formerly 108R

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

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

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

361

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

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

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

398

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

22

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

15" DIA.

FMSI SHOE No. **235**

FMSI Lining 15" x 3" 1245A

321

FMSI Lining 15" x 3" 1245C

322

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

463

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

375 Use 376

FMSI Lining 15" x 4" 4645A

376 376 with Adjuster Hole can be used for 375

FMSI Lining 15" x 4" 4645A

401

FMSI Lining 15" x 4" 4647

402

FMSI Lining 15" x 4" 2032

427

FMSI Lining 15" x 4" 4640

94 Use 379

FMSI Lining 15" x 5" 1252

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

FMSI Lining 15" x 5" 1252

377 Use 346

FMSI Lining 15" x 5" 1252

379 379 with Adjuster Holes can be used for 94

FMSI Lining 15" x 5" 1252

400

FMSI Lining 15" x 5" 4646

442 (368)

FMSI Lining 15" x 5" 4639

490

FMSI Lining 15" x 5" 1345

BENDIX (FORD CARGO)

FMSI Lining 15" x 4" 4693

15" DIA.

FMSI SHOE No. **491**

FMSI Lining 15" x 5" 1345A

542

FMSI Lining 15" x 5" 4528A

543

FMSI Lining 15" x 6" 4504A

BENDIX WEDGE BRAKE

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

MERITOR RSA STOPMASTER WEDGE BRAKE

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

MERITOR STOPMASTER WEDGE BRAKE

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

MERITOR "T"

FMSI Lining 15" x 4" 1308

MERITOR "Q"

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

MERITOR Q PLUS BRAKE

FMSI Lining 6" 4594 7" 4595

WAGNER TRUCK & BUS

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

WAGNER FRONT AXLE

FMSI Lining 4" 1308

EATON

FMSI Lining 15" x 4" 1443

DANA (EATON) ES

FMSI Lining 15" x 6" 4596

380 Use 381

FMSI Lining 15" x 6" 4596

381 381 with Adjuster Holes can be used for 380

FMSI Lining 15" x 7" 4597

382 Use 383

15" DIA.

FMSI SHOE No. **383** 383 with Adjuster Holes can be used for 382

FMSI Lining 15" x 7" 4597

544

FMSI Lining 15" x 7" 4505A

EATON ES BRAKE (Extended Service)

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

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

16" DIA.

FMSI SHOE No. **99** Use 385

FMSI Lining 16" x 5" 1254

385 385 with Adjuster Holes can be used for 99

FMSI Lining 16" x 5" 1254

96 Use 386

FMSI Lining 16" x 6" 1255

386 386 with Adjuster Holes can be used for 96

FMSI Lining 16" x 6" 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**

FMSI Lining 7" 4515 10" 4552

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

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

Eaton began producing some truck brake spiders in 1981 which were fabricated rather than the popular forged spiders. This necessitated the use of a new no-tab shoe. Shoes with tabs will not work properly on these new spiders. Some drive axle applications with no-tab shoes are provided with "high mount" shoes. If the original part numbers don't appear on the old shoes, measure distance from spring pin to roller socket. High mount measures 3-9/16", standard mount 4".

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

FMSI Lining 7" 4311J

EATON (SCHULER)

FMSI Lining 6" 4514 7" 4515

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

EATON (SCHULER)

FMSI Lining 7" 4515 7" 4625B

16 1/2" DIA.

FMSI SHOE No. **New Style DANA/SPICER U SHOE**

FMSI Lining 4515 4515U

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

MERITOR "P"

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

MERITOR "Q" CURRENT DESIGN

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

MERITOR Q PLUS BRAKE

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

DANA (EATON) (Extended Service and ES II)

FMSI Lining 5" 4719 7" 4709 6" 4725 8.63" 4726

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".

DANA (EATON) EES BRAKE

FMSI Lining 7" 4708

NOTE: Eaton aftermarket only version of Rockwell "Q". No cam change from standard brake required - only hardware change. Stamped #807772 on web.

DANA XL BRAKE (Xtra Life)

FMSI Lining 7" 4701

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.

DANA XL BRAKE (Xtra Life) II

FMSI Lining 7" 4707 8" 4718 8.63" 4711

FRUEHAUF XEM II

FMSI Lining 7" 4515

MERITOR "Q" FOR FRUEHAUF

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

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

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

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

FRUEHAUF

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

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

Hi-Density Friction Materials

for every heavy duty application

Marathon

BRAKE SYSTEMS

BEST IN CLASS

For technical support call 800.223.5201 or visit MarathonBrake.com

The Marathon Advantage... Feel the Difference

See the difference... higher density Marathon linings tip the scale vs. leading competitor