



AIR DISC BRAKE PADS FOR COMMERCIAL VEHICLES

GRN TECH 
COPPER FREE

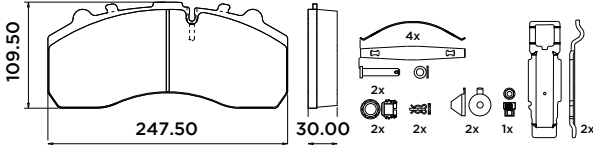


AIR DISC BRAKE PADS FOR COMMERCIAL VEHICLES



D1203

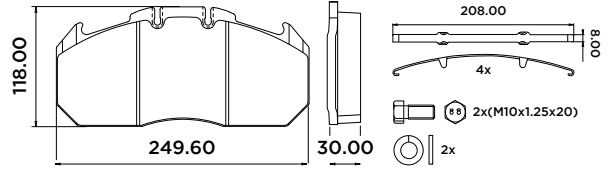
APPLICATION: Neoplan, Nova, Prevost, Setra, Van Hool
BRAKE MFR. & SYSTEM: Knorr SB7 & SN7



FMSI: 8323 D1203

D1310

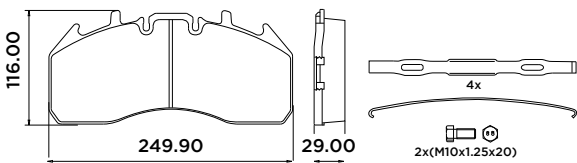
APPLICATION: MAN, Van Hool
BRAKE MFR. & SYSTEM: Meritor D-Elsa2



FMSI: 8425 D1310

D1311

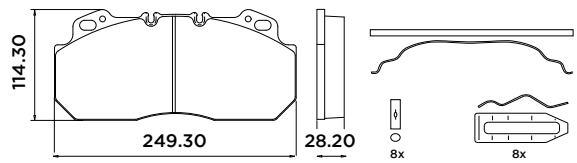
APPLICATION: MCI
BRAKE MFR. & SYSTEM: Meritor EX225H2



FMSI: 8426 D1311

D1312

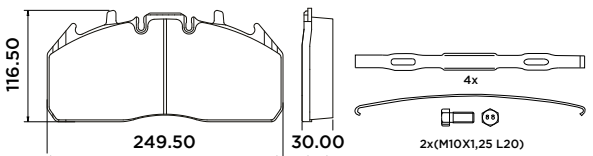
APPLICATION: MCI, Neoplan, Prevost, Volvo
BRAKE MFR. & SYSTEM: Meritor D-Lisa



FMSI: 8427 D1312

D1323

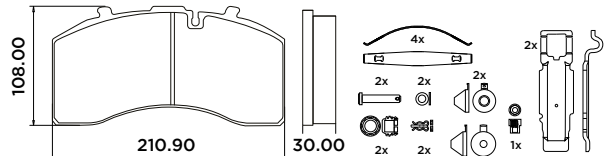
APPLICATION: Various
BRAKE MFR. & SYSTEM: Meritor EX225H3



FMSI: 8435 D1323

D1369

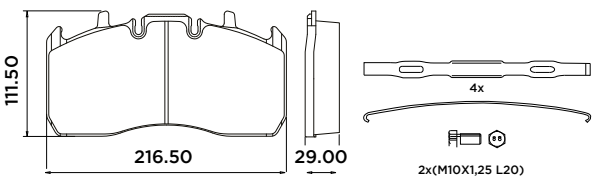
APPLICATION: Various
BRAKE MFR. & SYSTEM: Bendix ADB22X Knorr SK7



FMSI: 8479 D1369

D1370

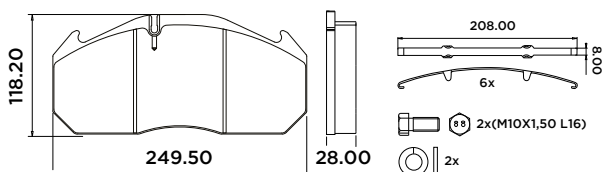
APPLICATION: Various
BRAKE MFR. & SYSTEM: Meritor EX225L2



FMSI: 8480 D1370

D1407

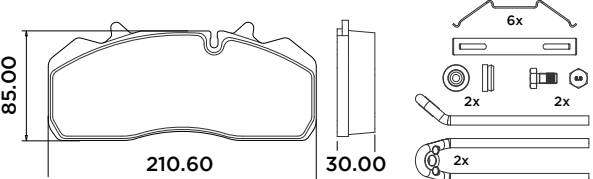
APPLICATION: MAN, Setra, Van Hool
BRAKE MFR. & SYSTEM: Meritor D-Elsa1



FMSI: 8515 D1407

D1438

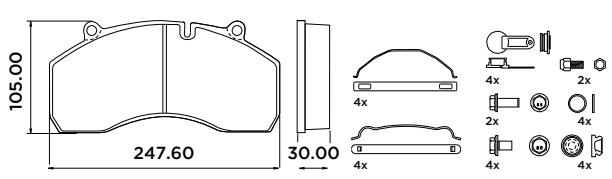
APPLICATION: SAF Axles
BRAKE MFR. & SYSTEM: Wabco PAN™19-1



FMSI: 8556 D1438

D1441

APPLICATION: SAF Axles, SMB Axles
BRAKE MFR. & SYSTEM: Haldex DB22



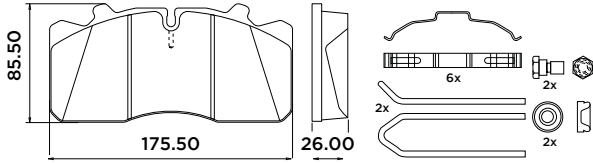
FMSI: 8577 D1441

Longer Life, Durable & Quiet



D1518

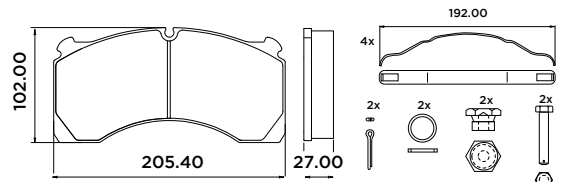
APPLICATION: Cozad Trailers / Mack
BRAKE MFR. & SYSTEM: Wabco PAN 17



FMSI: 8727 D1518

D1525

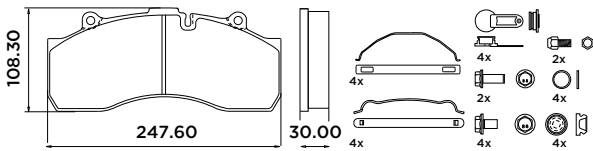
APPLICATION: Trailer Axles
BRAKE MFR. & SYSTEM: Meritor DX 195



FMSI: 8733 D1525

D1527

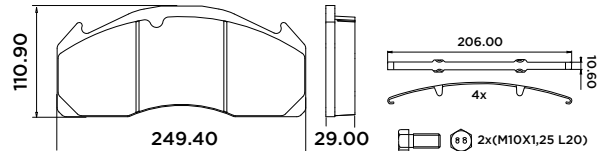
APPLICATION: SAF Axles, SMB Axles, Scania
BRAKE MFR. & SYSTEM: Haldex DB22



FMSI: 8735 D1527

D1560

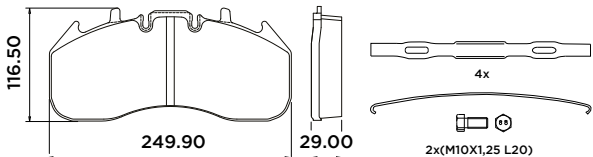
APPLICATION: Volvo
BRAKE MFR. & SYSTEM: Meritor D-Duco



FMSI: 8771 D1560

D1690

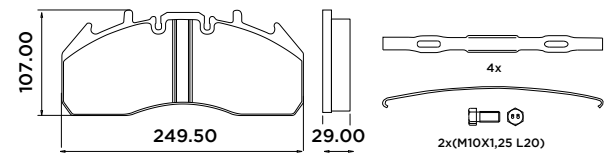
APPLICATION: MCI
BRAKE MFR. & SYSTEM: Meritor EX2252H2



FMSI: 8917 D1690

D1708

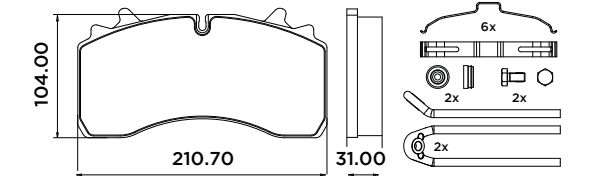
APPLICATION: Volvo
BRAKE MFR. & SYSTEM: Meritor ELSA225-3



FMSI: 8931 D1708

D1777

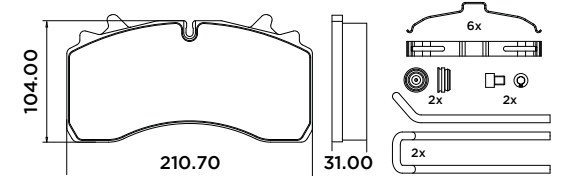
APPLICATION: SAF Axles
BRAKE MFR. & SYSTEM: Wabco PAN 22



FMSI: 9007 D1777

D1777H

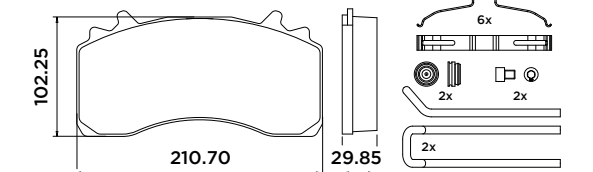
APPLICATION: Hendrickson®
BRAKE MFR. & SYSTEM: Wabco MAXX22T™



FMSI: 9007 D1777

D2061

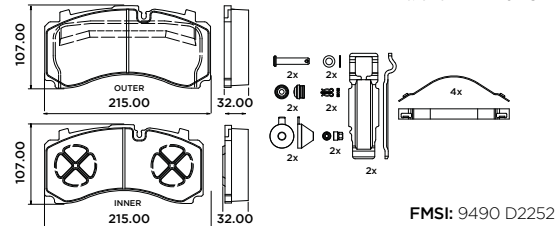
APPLICATION: Freightliner®, Western Star®
BRAKE MFR. & SYSTEM: Wabco Maxxus™



FMSI: 9294 D2061

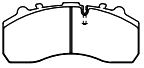
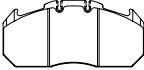
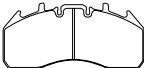
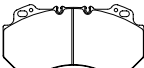

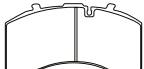
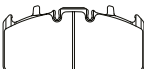


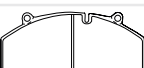
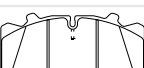


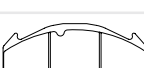






D2252

APPLICATION: SAF Axles
BRAKE MFR. & SYSTEM: Knorr ST7



FMSI: 9490 D2252

*EACH SET COMES WITH A COMPLETE HARDWARE KIT

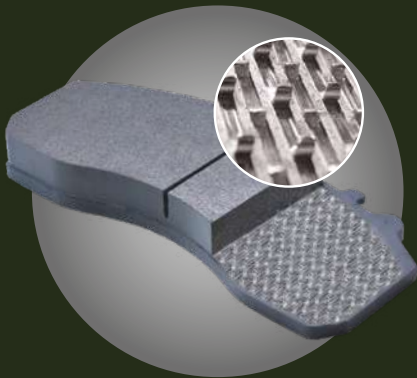
	FRAS-LE	FMSI	MAIN APPLICATION	BRAKE MANUFACTURER & SYSTEM	WVA	OE#
	D1203	8323 D1203	Neoplan, Nova, Prevost, Setra, Van Hool	Knorr SB7 & SN7	29105, 29087, 29106, 29108, 29109, 29163, 29179, 29201, 29202, 29275	MAN# 81508205099, 81508206030, 81508206032, 81508206056 Neoplan# 0621540.00, 0621551.00 SAF# 305700700, 305700700, 5317002300 Setra# 8285000571, 828551573, 9291037 SMB# M100669
	D1310	8425 D1310	MAN Van Hool	Meritor D-Elsa2	29131 29156	Meritor# 68324558, 68324957, 68325344, 68325346, 68325901, 68326015 Volvo# 20976509, 21303468, 89177768 Rockwell# 152274191, 68324558NZP
	D1311	8426 D1311	MCI	Meritor EX225H2	29187	Meritor# 3222-F-2476
	D1312	8427 D1312	MCI, Neoplan Prevost, Volvo	Meritor D-Lisa	29090	Volvo# 3093919, 3093939, 8550611, 20825594, 20850194, 85105485, 8550611
	D1323	8435 D1323	Various	Meritor EX225H3	29188	Meritor# KIT225H3CE, KIT225H3BE
	D1369	8479 D1369	Various	Bendix ADB22X Knorr SK7	29158	Mercedes Benz# 004 420 70 20 SAF# 3057008500
	D1370	8480 D1370	Various	Meritor EX225L2	29189	Meritor# KIT225L2CD
	D1407	8515 D1407	MAN Setra Van Hool	Meritor D-Elsa1	29030	MAN# 81508205091, 81508206044, 81508206046 Meritor# 68325025, 68325166 Setra# 8 285 388 435
	D1438	8556 D1438	SAF Axles	Wabco PAN™19-1	29126, 29159	20906795, 8510409 Wabco# 640 907 828 2, 640 905 828 2
	D1441	8577 D1441	SAF Axles SMB Axles	Haldex DB22 Spicer ESD225	29120	Fruehauf# M910027-03 Haldex# 9760033 SAF# 81163, 87407
	D1518	8727 D1518	Cozad Trailers Mack	Wabco PAN 17	29088	Mack# 2611-12999703VT
	D1525	8733 D1525	Trailer Axles	Meritor DX 195	29124, 29155	Meritor# 3222-T-2308, MDP1314, MDP5076, 15224835, 15224835A Rockwell# 15224835T400
	D1527	8735 D1527	SAF Axles SMB Axles Scania	Haldex DB22	29185	Haldex# 91567
	D1560	8771 D1560	Volvo	Meritor D-Duco	29125	Meritor# MDP5057 Volvo # 1078439, 20769092, 20918891, 20931343, 20932682, 3095396
	D1690	8917 D1690	MCI	Meritor EX2225H2	-	MCI# 04-01164 Meritor# 3222-E-2605, KIT225H2BA
	D1708	8931 D1708	Volvo	Meritor ELSA 225-3	29174, 29219, 29204, 29218, 29226	Volvo# 2056871, 2056874, 21024701, 21024702, 21496550
	D1777	9007 D1777	SAF Axles	Wabco PAN 22	29162	SAF# 0233501309, 233501309, 3057008401, 3057008400 WABCO# 12999796
	D1777H	9007 D1777	Hendrickson®	Wabco MAXX22T™	29162, 29225, 29336	Wabco# 1299796, 640 222 829 2, 640 225 826 2, 640 225 822 2, 640 907 828 2, 12 182 207
	D2061	9294 D2061	Freightliner®, Western Star®	Wabco MAXXUS™	29191	Wabco# 640 322 563 3, 640 322 820 2
	D2252	9490 D2252	SAF Axles	Knorr ST7	29318, 29319, 29328, 29329	SAF# 3057000600 Knorr# K108020K50

MATERIALS AND APPLICATIONS

PRODUCT LINE	FRAS-LE FRICTION	APPLICATION	DUTY CYCLE		
			GAWR RANGE	#STOPS	SPEED
GRNT STANDARD	GRNT 100.1	On Highway	20-23K	Full Range	
GRNT ADVANCED	GRNT 300.1	On Highway and Heavy Haul	23-26K	Full Range	
GRNT SUPREME	GRNT 600.2	On Highway and Heavy Haul	23-29K	Full Range	
PREMIUM LINE HAUL	GRNT 600.3	Highway Buses, Trucks & Tractors	20-23K	Low	Highway
PREMIUM COACH			23-29K	Low	Highway
PREMIUM REFUSE	GRNT 600.6	Stop & Go	23-29K	High	City
PREMIUM TRANSIT			23-29K	High	City

STANDARD FEATURES AND BENEFITS

OEM Backing Plate & Attachment System



- Optimized mechanical retention system with higher shear strength;
- Designed for tough applications where extra retention is required.

Groove, Slots & Chamfers



- Large V-Groove or slots to relieve surface tension;
 - V-Groove, slots and chamfers to minimize noise and wear.
- *when applicable

Hardware Kit



- Designed and tested to match the OE requirements;
- Metallic components with advanced surface treatments to protect against corrosion and high temperatures.



Original
Equipment
Manufacturer



ISO 9001
ISO 14001
IATF 16949



Asbestos Free

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BRAKES**



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