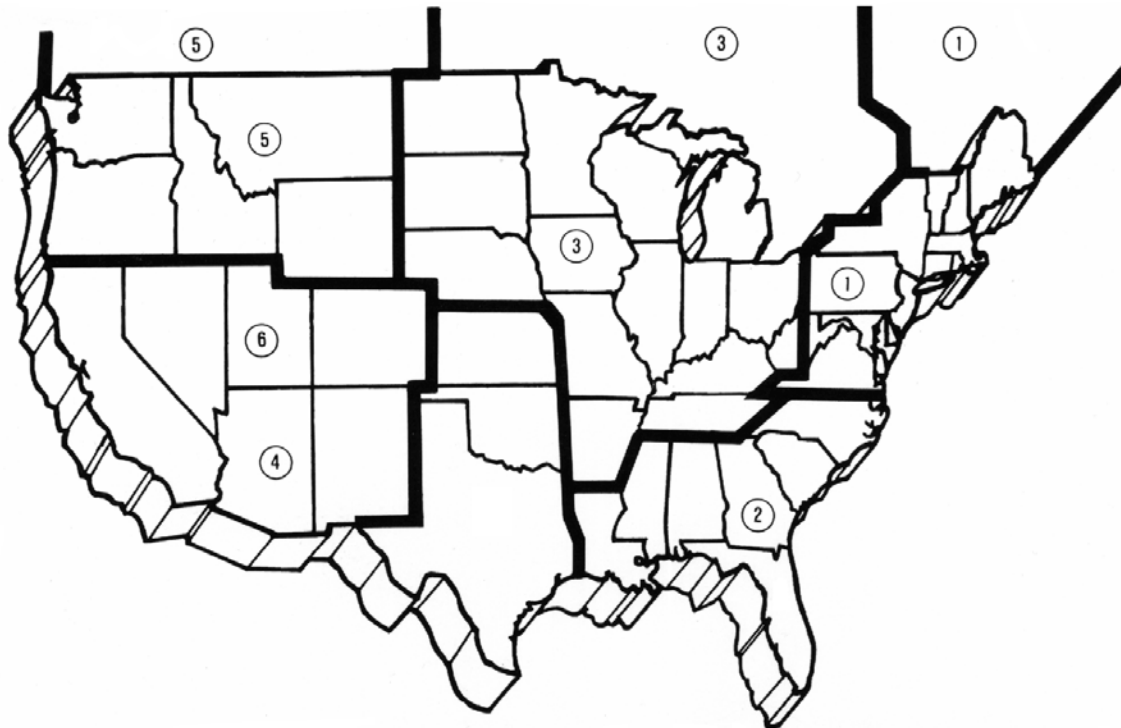


Sales Organization Map/Listing



① Representative:

Bill Harkins Eastern Regional Sales Manager
212 Cotton Hill Rd. Gilford, NH 03249
Telephone: (603) 528-2194 **Fax:** (603) 528-0873
E-mail: harkins@shur-lok.com

② Representative:

Bill Harkins Eastern Regional Sales Manager
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③ Representative:

Mike Fairbanks District Sales Manager
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E-mail: fairbanks@shur-lok.com

④ AUTHORIZED DISTRIBUTOR

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7363 E. Tierra Buena Lane, Suite 100
Scottsdale, AZ 85260
Telephone: (480) 348-8282 Fax: (480) 348-8288

⑤ Representative:

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13606 N.E. 20th Street
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⑥ Representative:

Robert Skidmore Western Regional Sales Manager
2451 White Road
Irvine, California 92614
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Fax: (949) 660-8601
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McKinnon Industries Inc.

A Shur-Lok Company

2541 White Road, Irvine, CA 92614

(949) 655-9231 FAX (949) 655-9254

ISO 9002 COMPLIANT

THE ORIGINAL SOURCE
McKinnon Industries Inc.
A Shur-Lok Company

McKinnon Industries has been the primary source for supplying Adapter and other Ring-Locked Installation Tooling to the Fairchild* Group and Rosan* Division for the past 25 years. McKinnon is also the exclusive source to Shur-Lok Corporation for fitting installation tools.

Now with the availability of McKinnon Tools, you can benefit from competitive pricing and rapid deliveries.



*Inch and metric porting, broach and installation tooling
for the following Fluid Products:*

AS1985, AS1986, AS3078, AS4099, AS4383, AS5103, AS5368
MA2111, MA2112, MA2113

Other hole preparation and installation tooling available to install:

MS51989, MS51992, MS51497, AS3319 through AS3322 and DOD-S-63275/1A Ring Locked Studs

MS51991, MS51993, MS51498 and DOD-1-63276/1 Ring-Locked Inserts and MII-I-45932/1 Thin Wall Inserts

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ALL TOOLS MADE IN THE USA

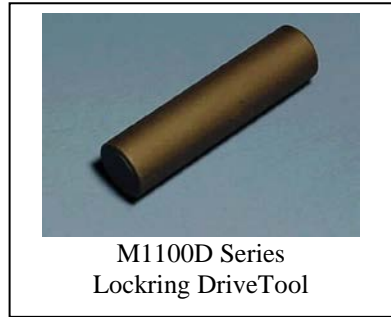
INCH TOOLS

McKinnon Industries, INC. Part Number Cross Reference List

Ring Locked Insert and Stud Installation Tooling

MI Part No.	Rosan* Part No.	MI Part No.	Rosan* Part No.	MI Part No.	Rosan* Part No.
Wrench	Wrench	LR Drive Tool	LR Drive Tool	LR Drive Tool	LR Drive Tool
M1102W	R1102W	M1102D	R1102D	M102D	R102D
M1103W	R1103W	M1103D	R1103D	M103D	R103D
M1104W	R1104W	M1104D	R1104D	M104D	R104D
M1105W	R1105W	M1105D	R1105D	M105D	R105D
M1106W	R1106W	M1106D	R1106D	M106D	R106D
M1107XW	R1107XW	M1107D	R1107D	MA107D	RA107D
M1108W	R1108W	M1108D	R1108D	M108D	R108D
M1110W	R1110W	M1110D	R1110D	M109D	R109D
M1111W	R1111W	M1111D	R1111D	M110D	R110D
M1112W	R1112W	M1112D	R1112D	M111D	R111D
M1113W	R1113W	M1113D	R1113D	M112D	R112D
M1114W	R1114W	M1114D	R1114D	M113D	R113D
M1115W	R1115W	M1115D	R1115D	M114D	R114D
M1116W	R1116W	M1116D	R1116D	M115D	R115D
M1117W	R1117W	M1117D	R1117D		

MI Part No.	Rosan* Part No.	MI Part No.	Rosan* Part No.	MI Part No.	Rosan* Part No.
LR Drive Tool	LR Drive Tool	LR Drive Tool	LR Drive Tool	LR Drive Tool	LR Drive Tool
M205D	R205D	M1706D	R1706D	M3605D	R3605D
M206D	R206D	M1707D	R1707D	M3608D	R3608D
MA207D	RA207D	M1708D	R1708D	M3715D	R3715D
M208D	R208D	M1711D	R1711D		
M209D	R209D	M1713D	R1713D		
M210D	R210D				
M211D	R211D				
M212D	R212D				
M213D	R213D	MCRB2112D	CRB2112D		
M214D	R214D				
M315D	R315D				
M215D	R215D				



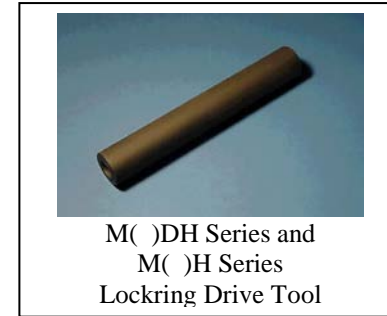
McKinnon Industries, INC. Part Number Cross Reference List

Stud Installation Tooling

MI Part No.	Rosan* Part No.	MI Part No.	Rosan* Part No.
LR Drive Tool	LR Drive Tool	LR Drive Tool	LR Drive Tool
M71DH9	S71DH9	M121DH32	S121DH32
M81DH9	S81DH9	M131DH12	S131DH12
M81DH10	S81DH10	M131DH14	S131DH14
M91DH10	S91DH10	M131DH24	S131DH24
M91DH13	S91DH13	M141DH14	S141DH14
M91DH20	S91DH20	M141DH20	S141DH20
M101DH12	S101DH12	M151DH16	S151DH16
M101DH16	S101DH16	M161DH20	S161DH20
M101DH28	S101DH28	M181DH18	S181DH18
M11DHD12	S111DH12	M181DH24	S181DH24
M111DH16	S111DH16	M181DH26	S181DH26
M114DH12	S114DH12	M181DH27	S181DH27
M121DH12	S121DH12	M201DH20	S201DH20
M121DH13	S121DH13	M221DH22	S221DH22
M121DH20	S121DH20	M221DH28	S221DH28
M121DH23	S121DH23	M221DH36	S221DH36
M121DH29	S121DH29		

Stud Installation Tooling

MI Part No.	Rosan* Part No.	MI Part No.	Rosan* Part No.
LR Drive Tool	LR Drive Tool	LR Drive Tool	LR Drive Tool
M71D9	S71D9	M121D32	S121D32
M81D9	S81D9	M131D12	S131D12
M81D10	S81D10	M131D14	S131D14
M91D10	S91D10	M131D24	S131D24
M91D13	S91D13	M141D14	S141D14
M91D20	S91D20	M141D20	S141D20
M101D12	S101D12	M151D16	S151D16
M101D16	S101D16	M161D20	S161D20
M101D28	S101D28	M181D18	S181D18
M111D12	S111D12	M181D24	S181D24
M111D16	S111D16	M181D26	S181D26
M114D12	S114D12	M181D27	S181D27
M121D12	S121D12	M201D20	S201D20
M121D13	S121D13	M221D22	S221D22
M121D20	S121D20	M221D28	S221D28
M121D23	S121D23	M221D36	S221D36
M121D29	S121D29		



McKinnon Industries, INC. Part Number Cross Reference List

Stud Installation Tooling

MI Part No.	Rosan* Part No.	MI Part No.	Rosan* Part No.
LR Drive Tool	LR Drive Tool	LR Drive Tool	LR Drive Tool
MF5902-2D	SF5902-2D	MFR5902-2D	SFR5902-2D
MF5902-3D	SF5902-3D	MFR5902-3D	SFR5902-3D
MF5902-4D	SF5902-4D	MFR5902-4D	SFR5902-4D
MF5902-5D	SF5902-5D	MFR5902-5D	SFR5902-5D
MF5902-6D	SF5902-6D	MFR5902-6D	SFR5902-6D
MF5902-7D	SF5902-7D	MFR5902-7D	SFR5902-7D
MF5902-8D	SF5902-8D	MFR5902-8D	SFR5902-8D



Stud Step Drill-High Strength Stud

MI Part No.	Rosan* Part No.	MI Part No.	Rosan* Part No.
Removal Tool	Removal Tool	Removal Tool	Removal Tool
MDC328JC	SDC328JC	MDC625JC	SDC625JC
MDC328JF	SDC328JF	MDC625JF	SDC625JF
MDC390JC	SDC390JC	MDC750JC	SDC750JC
MDC390JF	SDC390JF	MDC750JF	SDC750JF
MDC453JC	SDC453JC	MDC875JC	SDC875JC
MDC453JF	SDC453JF	MDC875JF	SDC875JF
MDC515JC	SDC515JC	MDC1000JF	SDC1000JF
MDC515JF	SDC515JF		



Stud Removal Tooling

MI Part No.	Rosan* Part No.	MI Part No.	Rosan* Part No.
Removal Tool	Removal Tool	Removal Tool	Removal Tool
MSM71-16	SM71-16	MSM141-26	SM141-26
MSM81-16	SM81-16	MSM151-28	SM151-28
MSM91-16	SM91-16	MSM161-30	SM161-30
MSM101-18	SM101-18	MSM181-34	SM181-34
MSM111-20	SM111-20		
MSM121-22	SM121-22		
MSM131-24	SM131-24		



Stud Removal Tooling-Carbide Cutter

MI Part No.	Rosan* Part No.	MI Part No.	Rosan* Part No.
Removal Tool	Removal Tool	Removal Tool	Removal Tool
MBT830	BT830	MBT8063	BT8063
MBT829	BT829	MBT8064	BT8064
MBT1566	BT1566	MBT8065	BT8065
MBT1574	BT1574	MBT8066	BT8066
MBT309	BT309	MBT1309	BT1309
MBT1575	BT1575	MBT2436	BT2436
MBT1436	BT1436	MBT1308	BT1308
MBT308	BT308	MBT2567	BT2567
MBT1567	BT1567	MBT2568	BT2568
MBT1568	BT1568	MBT9063	BT9063
MBT1569	BT1569	MBT9064	BT9064



Size-On-Size Stud Installation Tooling

MI Part No.	Rosan* Part No.	MI Part No.	Rosan* Part No.
LR Drive Tool	LR Drive Tool	LR Drive Tool	LR Drive Tool
MFC16D16	SFC16D16	MFC16H16	SFC16H16
MFC19D16	SFC19D16	MFC19H16	SFC19H16
MFC25D16	SFC25D16	MFC25H16	SFC25H16
MFC31D16	SFC31D16	MFC31H16	SFC31H16
MFC38D16	SFC38D16	MFC38H16	SFC38H16



McKinnon Industries, INC. Part Number Cross Reference List

Thinwall Insert Installation Tooling

MI Part No.	Rosan* Part No.	MI Part No.	Rosan* Part No.	MI Part No.	Rosan* Part No.
Wrench for NO Lock Inserts	Wrench for NO Lock Inserts	Wrench for Lock Inserts	Wrench for Internal Lock Inserts	Swage Tool	Swage Tool
MR11W4A	SR14W4A	MR11WA	SR11WA	MR11SA	SR11SA
MR14W4A	SR14W4A	MR14WA	SR14WA	MR14SA	SR14SA
MR16W4A	SR16W4A	MR16WA	SR16WA	MR16SA	SR16SA
MR19W4A	SR19W4A	MR19WA	SR19WA	MR19SA	SR19SA
MR25W4A	SR25W4A	MR25WA	SR25WA	MR25SA	SR25SA
MR31W4A	SR31W4A	MR31WA	SR31WA	MR31SA	SR31SA
MR37W4A	SR37W4A	MR37WA	SR37WA	MR37SA	SR37SA
MR43W4A	SR43W4A	MR43WA	SR43WA	MR43SA	SR43SA
MR50W4A	SR50W4A	MR50WA	SR50WA	MR50SA	SR50SA
MR56W4A	SR56W4A	MR56WA	SR56WA	MR56SA	SR56SA
MR62W4A	SR62W4A	MR62WA	SR62WA	MR62SA	SR62SA
MR75W4A	SR75W4A	MR75WA	SR75WA	MR75SA	SR75SA
MRW14W4A	SRW14W4A	MRW14WA	SRW14WA	MRW14SA	SRW14SA
MRW16W4A	SRW16W4A	MRW16WA	SRW16WA	MRW16SA	SRW16SA
MRW19W4A	SRW19W4A	MRW19WA	SRW19WA	MRW19SA	SRW19SA
MRW25W4A	SRW25W4A	MRW25WA	SRW25WA	MRW25SA	SRW25SA
MRW31W4A	SRW31W4A	MRW31WA	SRW31WA	MRW31SA	SRW31SA
MRW37W4A	SRW37W4A	MRW37WA	SRW37WA	MRW37SA	SRW37SA
MRW43W4A	SRW43W4A	MRW43WA	SRW43WA	MRW43SA	SRW43SA
MRW50W4A	SRW50W4A	MRW50WA	SRW50WA	MRW50SA	SRW50SA



MR() W4A Series Wrench



MR() WA Series Wrench



MR()SA and MRW()SA Series Thinwall Swage Tool



MR()GSDA Series Thinwall Gage

Thinwall Insert Gages and Kits

MI Part No.	Rosan* Part No.	MI Part No.	Rosan* Part No.	MI Part No.	Rosan* Part No.
Gage	Gage	Kits	Kits	Kits	Kits
MRO8GSDA	SRO8GSD-A	MK4-110-110L	K4-110-110L	MK4SRW503-503L	K4SRW503-503L
MR11GSDA	SR11GSD-A	MK4-141-142L	K4-141-142L	MK4SRW162-162L	K4SRW162-162L
MR14GSDA	SR14GSD-A	MK4-162-162L	K4-162-162L	MK4SRW192-192L	K4SRW192-192L
MR16GSDA	SR16GSD-A	MK4-192-192L	K4-192-192L	MK4SRW194-194L	K4SRW194-194L
MR19GSDA	SR19GSD-A	MK4-194-194L	K4-194-194L	MK4SRW250-250L	K4SRW250-250L
MR25GSDA	SR25GSD-A	MK4-250-250L	K4-250-250L	MK4SRW258-258L	K4SRW258-258L
MR31GSDA	SR31GSD-A	MK4-258-258L	K4-258-258L	MK4SRW314-314L	K4SRW314-314L
MR37GSDA	SR37GSD-A	MK4-314-314L	K4-314-314L	MK4SRW318-318L	K4SRW318-318L
MR43GSDA	SR43GSD-A	MK4-318-318L	K4-318-318L	MK4SRW374-374L	K4SRW374-374L
MR50GSDA	SR50GSD-A	MK4-374-374L	K4-374-374L	MK4SRW376-376L	K4SRW376-376L
		MK4-376-376L	K4-376-376L	MK4SRW430-430L	K4SRW430-430L
		MK4-430-430L	K4-430-430L	MK4SRW500-500L	K4SRW500-500L
		MK4-500-500L	K4-500-500L		
		MK4-503-503L	K4-503-503L		
		MK4-628-628L	K4-628-628L		
		MK4-621-621L	K4-621-621L		



MK4-()-()L Series Kits

McKinnon Industries, INC. Part Number Cross Reference List

Thinwall Insert Installation Tooling

MI Part No.	Rosan* Part No.
Swage Tool	Swage Tool
MRQ11SA	SRQ11SA
MRQ14SA	SRQ14SA
MRQ16SA	SRQ16SA
MRQ19SA	SRQ19SA
MRQ25SA	SRQ25SA
MRQ31SA	SRQ31SA
MRQ37SA	SRQ37SA
MRQ43SA	SRQ43SA
MRQ50SA	SRQ50SA
MRQ56SA	SRQ56SA
MRQ62SA	SRQ62SA
MRQ75SA	SRQ75SA



Thinwall Insert Gages

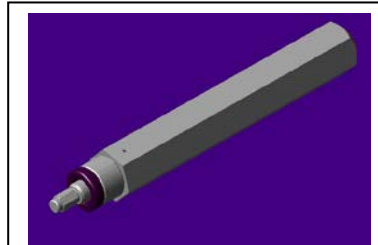
MI Part No.	Rosan* Part No.
Gage	Gage
MRQ08GSDA	SRQ08GSD-A
MRQ11GSDA	SRQ11GSD-A
MRQ14GSDA	SRQ14GSD-A
MRQ16GSDA	SRQ16GSD-A
MRQ19GSDA	SRQ19GSD-A
MRQ25GSDA	SRQ25GSD-A
MRQ31GSDA	SRQ31GSD-A
MRQ37GSDA	SRQ37GSD-A
MRQ43GSDA	SRQ43GSD-A
MRQ50GSDA	SRQ50GSD-A



McKinnon Industries, INC. Part Number Cross Reference List

Thinwall Installation Tooling

MI Part No.	Microdot/Fairchild* Part No.
Wrench and Swage Tool	Wrench and Swage Tool
MT8000H04	KT8000H04
MT8000S04	KT8000S04
MT8000H06	KT8000H06
MT8000S06	KT8000S06
MT8000H08	KT8000H08
MT8000S08	KT8000S08
MT8000H3	KT8000H3
MT8000S3	KT8000S3
MT8000H4	KT8000H4
MT8000S4	KT8000S4



MT8000 Series
Wrench and Swage Tool

Thinwall Insert Step Drills

MI Part No.	Rosan* Part No.	MI Part No.	Rosan* Part No.
Step Drill	Step Drill	Step Drill	Step Drill
MR14D	SR14D	MRW14D	SRW14D
MR16D	SR16D	MRW16D	SRW16D
MR19D	SR19D	MRW19D	SRW19D
MR25D	SR25D	MRW25D	SRW25D
MR31D	SR31D	MRW31D	SRW31D
MR37D	SR37D	MRW37D	SRW37D
MR43D	SR43D	MRW43D	SRW43D
MR50D	SR50D	MRW50D	SRW50D
MR62D	SR62D	MRW62D	SRW62D



MR()D and MRW()D
Thinwall Insert Step Drills



MEA()D Series
Drive Tool

Unique Installation Tooling

MI Part No.	Rosan* Part No.	MI Part No.	Rosan* Part No.
Drive Tool	Drive Tool	Drive Tool	Drive Tool
MEA032D	REA032D	MEA080D	REA080D
MEA024D	REA024D	MEA083D	REA083D
MEA048D	REA048D	MEA098D	REA098D
MEA040D	REA040D	MEA092D	REA092D
MEA054D	REA054D	MEA108D	REA108D
MEA058D	REA058D	MEA101D	REA101D
MEA064D	REA064D	MEA126D	REA126D
MEA066D	REA066D	MEA120D	REA120D
MEA070D	REA070D	MEA144D	REA144D
MEA074D	REA074D	MEA149D	REA149D
		MEA164D	REA164D
		MEA168D	REA168D

Press Nut Tooling

MI Part No.	Rosan* Part No.	MI Part No.	Rosan* Part No.	MI Part No.	Rosan* Part No.
Drive Tool	Drive Tool	Drive Tool	Drive Tool	Drive Tool	Drive Tool
MMFPN4-6DSX	MFPN4-6DSX	MMRPN2CDS	MRPN2CDS	MPN2D	RPN2D
MMFPN8-10DSX	MFPN8-10DSX	MMRPN4CDS	MRPN4CDS	MPN4D	RPN4D
MMRPN2DS	MRPN2DS	MMRPN6CDS	MRPN6CDS	MPN6D	RPN6D
MMRPN4DS	MRPN4DS	MMRPN8CDS	MRPN8CDS	MPN8D	RPN8D
MMRPN6DS	MRPN6DS	MMRPN10CDS	MRPN10CDS	MPN10D	RPN10D
MMRPN8DS	MRPN8DS			MPN250D	RPN250D
MMRPN10DS	MRPN10DS			MPN312D	RPN312D
				MPN375D	RPN375D



Press Nut Tooling

MI Part No.	Rosan* Part No.	MI Part No.	Rosan* Part No.	MI Part No.	Rosan* Part No.
Drive Tool	Drive Tool	Drive Tool	Drive Tool	Drive Tool	Drive Tool
MPN2DS	RPN2DS				
MPN4DS	RPN4DS				
MPN6DS	RPN6DS				
MPN8DS	RPN8DS				
MPN10DS	RPN10DS				
MPN250DS	RPN250DS				
MPN312DS	RPN312DS				
MPN375DS	RPN375DS				



Fluid Adapter Port Tooling *Note: Additional Cutters available for all broach tools*

MI Part No.	Rosan* Part No.	MI Part No.	Rosan* Part No.
Broach Tool	Broach Tool	Broach Tool-Impact	Broach Tool-Impact
MFOPB5002HDB	RFOPB5002HDB	MFOPB5002	RFOPB5002
MFOPB5003HDB	RFOPB5003HDB	MFOPB5003	RFOPB5003
MFOPB5004HDB	RFOPB5004HDB	MFOPB5004	RFOPB5004
MFOPB5005HDB	RFOPB5005HDB	MFOPB5005	RFOPB5005
MFOPB5006HDB	RFOPB5006HDB	MFOPB5006	RFOPB5006
MFOPB5008HDB	RFOPB5008HDB	MFOPB5008	RFOPB5008
MFOPB5010HDB	RFOPB5010HDB	MFOPB5010	RFOPB5010
MFOPB5012HDB	RFOPB5012HDB	MFOPB5012	RFOPB5012
MFOPB5014HDB	RFOPB5014HDB	MFOPB5014	RFOPB5014
MFOPB5016HDB	RFOPB5016HDB	MFOPB5016	RFOPB5016
MFOPB5020HDB	RFOPB5020HDB	MFOPB5020	RFOPB5020
MFOPB5024HDB	RFOPB5024HDB	MFOPB5024	RFOPB5024
MFOPB5032HDB	RFOPB5032HDB	MFOPB5032	RFOPB5032

Fluid Adapter Port Tooling

MI Part No.	Rosan* Part No.	MI Part No.	Rosan* Part No.
Chip Removal Tool	Chip Removal Tool	Porting Tool	Porting Tool
MF02CRP	RF02CRP	MPT02	RPT02
MF03CRP	RF03CRP	MPT03	RPT03
MF04CRP	RF04CRP	MPT04	RPT04
MF05CRP	RF05CRP	MPT05	RPT05
MF06CRP	RF06CRP	MPT06	RPT06
MF08CRP	RF08CRP	MPT08	RPT08
MF10CRP	RF10CRP	MPT10	RPT10
MF12CRP	RF12CRP	MPT12	RPT12
MF14CRP	RF14CRP	MPT14	RPT14
MF16CRP	RF16CRP	MPT16	RPT16
MF20CRP	RF20CRP	MPT20	RPT20
MF24CRP	RF24CRP	MPT24	RPT24
MF32CRP	RF32CRP	MPT32	RPT32

MI Part No.	Rosan* Part No.
Chip Removal Tool	Chip Removal Tool
MF02CR	RF02CR
MF03CR	RF03CR
MF04CR	RF04CR
MF05CR	RF05CR
MF06CR	RF06CR
MF08CR	RF08CR
MF10CR	RF10CR
MF12CR	RF12CR
MF14CR	RF14CR
MF16CR	RF16CR
MF20CR	RF20CR
MF24CR	RF24CR
MF32CR	RF32CR



MFOPB5000HDB Series
Non-Impact Broach Tool



MFOPB5000 Series -Impact
Broach Tool



Additional Cutters available
For Broach Tools



MF() CR Series
PortChip Removal



MF() CRP Series
PortChip Removal



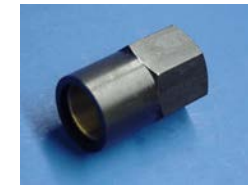
MPT() Series
Porting Tool

McKinnon Industries, INC. Part Number Cross Reference List

Fluid Adapter Installation Tooling

MI Part No.	Rosan* Part No.	MI Part No.	Rosan* Part No.
Wrench	Wrench	Lockring Drive Tool	Lockring Drive Tool
MF6902W	RF6902W	MF9502DA	RF9502DA
MF6903W	RF6903W	MF9503DA	RF9503DA
MF6904W	RF6904W	MF9504DA	RF9504DA
MF6905W	RF6905W	MF9505DA	RF9505DA
MF6906W	RF6906W	MF9506DA	RF9506DA
MF6908W	RF6908W	MF9508DA	RF9508DA
MF6910W	RF6910W	MF9510DA	RF9510DA
MF6912W	RF6912W	MF9512DA	RF9512DA
MF6914W	RF6914W	MF9516DA	RF9516DA
MF6916W	RF6916W	MF9520DA	RF9520DA
MF6920W	RF6920W		
MF6924W	RF6924W		
MF6932W	RF6932W		

MI Part No.	Rosan* Part No.	MI Part No.	Rosan* Part No.
Combination Wrench and Drive Tool	Combination Wrench and Drive Tool	Combination Wrench and Drive Tool	Combination Wrench and Drive Tool
MF5002DW	RF5002DW	MF9802DW	RF9802DW
MF5003DW	RF5003DW	MF9803DW	RF9803DW
MF5004DW	RF5004DW	MF9804DW	RF9804DW
MF5005DW	RF5005DW	MF9805DW	RF9805DW
MF5006DW	RF5006DW	MF9806DW	RF9806DW
MF5008DW	RF5008DW	MF9808DW	RF9808DW
MF5010DW	RF5010DW	MF9810DW	RF9810DW
MF5012DW	RF5012DW	MF9812DW	RF9812DW
MF5014DW	RF5014DW	MF9814DW	RF9814DW
MF5016DW	RF5016DW	MF9816DW	RF9816DW
MF5020DW	RF5020DW	MF9820DW	RF9820DW
MF5024DW	RF5024DW	MF9824DW	RF9824DW
MF5032DW	RF5032DW	MF9832DW	RF9832DW



MF6900W
Series Adapter Wrench



MF9500DA Series
Adapter Drive Tool



MF5000DW and MF9800DW
Series Adapter Combination
Wrench and Drive Tool

Fluid Adapter Installation Tooling

MI Part No.	Rosan* Part No.	MI Part No.	Rosan* Part No.
Lockring Drive Tool	Lockring Drive Tool	Lockring Drive Tool	Lockring Drive Tool
MF8502DA	RF8502DA	MF9802DEK	RF9802DEK
MF8503DA	RF8503DA	MF9803DEK	RF9803DEK
MF8504DA	RF8504DA	MF9804DEK	RF9804DEK
MF8505DA	RF8505DA	MF9805DEK	RF9805DEK
MF8506DA	RF8506DA	MF9806DEK	RF9806DEK
MF8508DA	RF8508DA	MF9808DEK	RF9808DEK
MF8510DA	RF8510DA	MF9810DEK	RF9810DEK
MF8512DA	RF8512DA	MF9812DEK	RF9812DEK
MF8516DA	RF8516DA	MF9814DEK	RF9814DEK
MF8520DA	RF8520DA	MF9816DEK	RF9816DEK
		MF9820DEK	RF9820DEK
		MF9824DEK	RF9824DEK
		MF9832DEK	RF9832DEK



Fluid Adapter Installation Tooling

MI Part No.	Rosan* Part No.	MI Part No.	Rosan* Part No.
Wrench	Wrench	Wrench	Wrench
MF8502WA	RF8502WA	MF9502WA	RF9502WA
MF8503WA	RF8503WA	MF9503WA	RF9503WA
MF8504WA	RF8504WA	MF9504WA	RF9504WA
MF8506WA	RF8506WA	MF9506WA	RF9506WA
MF8508WA	RF8508WA	MF9508WA	RF9508WA
MF8510WA	RF8510WA	MF9510WA	RF9510WA
MF8512WA	RF8512WA	MF9512WA	RF9512WA
MF8516WA	RF8516WA	MF9516WA	RF9516WA
MF8520WA	RF8520WA	MF9520WA	RF9520WA



Fluid Adapter Installation Tooling

MI Part No.	Rosan* Part No.	MI Part No.	Rosan* Part No.
Lockring Removal Tool	Lockring Removal Tool	Lockring Removal Tool	Lockring Removal Tool
MF02LPDE	RF02LPDE	MF9502LPD	RF9502LPD
MF03LPDE	RF03LPDE	MF9503LPD	RF9503LPD
MF04LPDE	RF04LPDE	MF9504LPD	RF9504LPD
MF05LPDE	RF05LPDE	MF9505LPD	RF9505LPD
MF06LPDE	RF06LPDE	MF9506LPD	RF9506LPD
MF08LPDE	RF08LPDE	MF9508LPD	RF9508LPD
MF10LPDE	RF10LPDE	MF9510LPD	RF9510LPD
MF12LPDE	RF12LPDE	MF9512LPD	RF9512LPD
MF14LPDE	RF14LPDE	MF9514LPD	RF9514LPD
MF16LPDE	RF16LPDE	MF9516LPD	RF9516LPD
MF20LPDE	RF20LPDE	MF9520LPD	RF9520LPD
MF24LPDE	RF24LPDE	MF9524LPD	RF9524LPD
MF32LPDE	RF32LPDE	MF9532LPD	RF9532LPD



McKinnon Industries, INC. Part Number Cross Reference List

Fluid Adapter Installation Tooling

MI Part No.	Rosan* Part No.	MI Part Number	Rosan* Part No.
O-Ring Installation Tooling	O-Ring Installation Tooling	O-Ring Installation Tooling	O-Ring Installation Tooling
MORT216	ORT216		
MORT250	ORT250		
MORT312	ORT312		
MORT375	ORT375		
MORT437	ORT437		
MORT562	ORT562		
MORT687	ORT687		
MORT812	ORT812		
MORT937	ORT937		
MORT1125	ORT1125		
MORT1312	ORT1312		
MORT1625	ORT1625		
MORT2125	ORT2125		



Shipping Caps for use with Fluid Adapters

MI Part No.	Rosan* Part No.	AS Part Number	MI Part No.	Rosan* Part No.	AS Part Number
Beam Seal Shipping Cap	Beam Seal Shipping Cap	Beam Seal Shipping Cap	Flareless Seal Shipping Cap	Flareless Seal Shipping Cap	Flareless Seal Shipping Cap
MF5002C-B	RF5002C-B	AS4282B02	MF9902C-D	RF9902C-D	AS4300D02
MF5003C-B	RF5003C-B	AS4282B03	MF9903C-D	RF9903C-D	AS4300D03
MF5004C-B	RF5004C-B	AS4282B04	MF9904C-D	RF9904C-D	AS4300D04
MF5005C-B	RF5005C-B	AS4282B05	MF9905C-D	RF9905C-D	AS4300D05
MF5006C-B	RF5006C-B	AS4282B06	MF9906C-D	RF9906C-D	AS4300D06
MF5008C-B	RF5008C-B	AS4282B08	MF9908C-D	RF9908C-D	AS4300D08
MF5010C-B	RF5010C-B	AS4282B10	MF9910C-D	RF9910C-D	AS4300D10
MF5012C-B	RF5012C-B	AS4282B12	MF9912C-D	RF9912C-D	AS4300D12
MF5014C-B	RF5014C-B	AS4282B14	MF9914C-D	RF9914C-D	AS4300D14
MF5016C-B	RF5016C-B	AS4282B16	MF9916C-D	RF9916C-D	AS4300D16
MF5020TC-B	RF5020TC-B	AS4282B20	MF9920C-D	RF9920C-D	AS4300D20
MF5024TC-B	RF5024TC-B	AS4282B24	MF9924C-D	RF9924C-D	AS4300D24
MF5002C-D	RF5002C-D	AS4282D02	MF9902C-B	RF5002C-B	AS4300B02
MF5003C-D	RF5003C-D	AS4282D03	MF9903C-B	RF5003C-B	AS4300B03
MF5004C-D	RF5004C-D	AS4282D04	MF9904C-B	RF5004C-B	AS4300B04
MF5005C-D	RF5005C-D	AS4282D05	MF9905C-B	RF5005C-B	AS4300B05
MF5006C-D	RF5006C-D	AS4282D06	MF9906C-B	RF5006C-B	AS4300B06
MF5008C-D	RF5008C-D	AS4282D08	MF9908C-B	RF5008C-B	AS4300B08
MF5010C-D	RF5010C-D	AS4282D10	MF9910C-B	RF5010C-B	AS4300B10
MF5012C-D	RF5012C-D	AS4282D12	MF9912C-B	RF5012C-B	AS4300B12
MF5014C-D	RF5014C-D	AS4282D14	MF9914C-B	RF5014C-B	AS4300B14
MF5016C-D	RF5016C-D	AS4282D16	MF9916C-B	RF5016C-B	AS4300B16
MF5020TC-D	RF5020TC-D	AS4282D20	MF9920C-B	RF5020TC-B	AS4300B20
MF5024TC-D	RF5024TC-D	AS4282D24	MF9924C-B	RF5024TC-B	AS4300B24



McKinnon Industries, INC. Part Number Cross Reference List

Fluid Adapter Kits

MI Part No.	Rosan* Part No.	MI Part No.	Rosan* Part No.
Kits	Kits	Kits	Kits
MKM13	KM13	MKM9RF5004	KM9RF5004
MKM22-660-2	KM22-660-2	MKM9RF5006	KM9RF5006
MKM14	KM14	MKM9RF5008	KM9RF5008
MKM22-612-2	KM22-612-2	MKM9RF5010	KM9RF5010
MKM15	KM15	MKM9RF5012	KM9RF5012
MKM22-616-2	KM22-616-2	MKM9RF5016	KM9RF5016
MKM18	KM18	MKM9RF5020T	KM9RF5020T
MKM19	KM19	MKM9RF9804	KM9RF9804
MKM22-660-2	KM22-660-2	MKM9RF9805	KM9RF9805
MKM28	KM28	MKM9RF9806	KM9RF9806
MKM29	KM29	MKM9RF9808	KM9RF9808
MKM30	KM30	MKM9RF9810	KM9RF9810
MKM22-640-2	KM22-640-2	MKM9RF9812	KM9RF9812
MKM31	KM31	MKM9RF9816	KM9RF9816
MKM32	KM32	MKM9RF9820	KM9RF9820
MKM34	KM34		
MKM35	KM35		
MKM36	KM36		
MKM37	KM37		
MKM38	KM38		
MKM43	KM43		
MKM44	KM44		
MKM47	KM47		
MKM48	KM48		



Fluid Adapter Kits



McKinnon Industries Inc.

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ISO 9002 COMPLIANT-CAGE CODE 65085

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REVISED 02/03

METRIC TOOLS

McKinnon Industries, INC. Part Number Cross Reference List

Ring Locked Insert and Stud Installation Tooling

METRIC

MI Part No.	Rosan* Part No.	MI Part No.	Rosan* Part No.
Wrench	Wrench	LR Drive Tool	LR Drive Tool
MM8W	M8W	MMT0508-10D	RMT0508-10D
MM10W	M10W	MMT0610-12D	RTM0610-12D
MM12W	M12W	MMT0710-14D	RMT0710-14D
MM14W	M14W	MMT0812-14D	RTM0812-14D
MM16W	M16W	MMT1015-16D	RMT1015-16D
MM20W	M20W	MMT1015-16D	RMT1015-16D
MM22W	M22W	MMT1215-20D	RMT1215-20D
MM24W	M24W	MMT1415-22D	RMT1415-22D
MM27W	M27W	MMT1615-24D	RMT1615-24D
MM30W	M30W	MMT1620-24D	RMT1620-24D
MM36W	M36W	MMT1815-27D	RMT1815-27D
MM42W	M42W	MMT2015-30D	RMT2015-30D
		MMT2420-36D	RMT2420-36D
		MMT3020-42D	RMT3020-42D



MI Part No.	Rosan* Part No.	MI Part No.	Rosan* Part No.
Step Drill	Step Drill	Kits	Kits
M14-22008-012	14-22008-012	MMKM8-0508	MKM8-0508
M14-22010-014	14-22010-014	MMKM8-0610	MKM8-0610
M14-22012-018	14-22012-018	MMKM8-0710	MKM8-0710
M14-22014-022	14-22014-022	MMKM8-0812	MKM8-0812
M14-22016-026	14-22016-026	MMKM8-0810	MKM8-0810
M14-22020-034	14-22020-034	MMKM8-1015	MKM8-1015
M14-22022-038	14-22022-038	MMKM8-1012	MKM8-1012
		MMKM8-1215	MKM8-1215
		MMKM8-1212	MKM8-1212
		MMKM8-1415	MKM8-1415



METRIC

McKinnon Industries, INC. Part Number Cross Reference List
Stud Installation Tooling

MI Part No.	Rosan* Part No.	MI Part No.	Rosan* Part No.
LR Drive Tool	LR Drive Tool	Removal Tool (Hollow Mill)	Removal Tool (Hollow Mill)
MSMT508D5	SMT508D5	M14-11000-005	14-11000-005
MSMT610D6	SMT610D6	M14-11000-006	14-11000-006
MSMT712D7	SMT712D7	M14-11000-007	14-11000-007
MSMT812D8	SMT812D8	M14-11000-008	14-11000-008
MSMT81D8	SMT81D8	M14-11000-010	14-11000-010
MSMT1014D10	SMT1014D10	M14-11000-012	14-11000-012
MSMT1014D10	SMT1014D10	M14-11000-014	14-11000-014
MSMT1216D11	SMT1216D11		
MSMT1420D11	SMT1420D11		
MZA12375-08D	RZA12375-08D		



MSMT()D() Series
Lockring Drive Tool



M14-11000-() Series
Stud Removal Tool

Size-on-Size Stud Installation Tooling

MI Part No.	Rosan* Part No.	MI Part No.	Rosan* Part No.
Step Drill	Step Drill	LR Drive Tool	LR Drive Tool
MSME0508D	SME0508D	MSMET0506	SMET0506
MSME0610D	SME0610D	MSMET06D6	SMET06D6
MSME0710D	SME0710D	MSMET07D6	SMET07D6
MSME0812D	SME0812D	MSMET08D6	SMET08D6
MSME0810D	SME0810D	MSMET10D6	SMET10D6
MSME1015D	SME1015D		
MSME1012D	SME1012D		
MI Part No.	Rosan* Part No.		
Prebroach Tool	Prebroach Tool		
MSMEPBTM0508	SMEPBTM0508		
MSMEPBTM0610	SMEPBTM0610		
MSMEPBTM0710	SMEPBTM0710		
MSMEPBTM0812	SMEPBTM0812		
MSMEPBTM1015	SMEPBTM1015		
MSMEPBTM1012	SMEPBTM1012		



MSMEPBTM () Series
Prebroach Tool

METRIC

McKinnon Industries, INC. Part Number Cross Reference List

Thinwall Insert Installation Tooling

MI Part No.	Rosan* Part No.	MI Part No.	Rosan* Part No.	MI Part No.	Rosan* Part No.
Wrench for NO Lock Inserts	Wrench for NO Lock Inserts	Wrench for Lock Inserts	Wrench for Internal Lock Inserts	Swage Tool	Swage Tool
MRM0305W2	SRM0305W2	MRM0305W	SRM0305W	MRM0305S	SRM0305S
MRM0407W2	SRM0407W2	MRM0407W	SRM0407W	MRM0407S	SRM0407S
MRM0508W2	SRM0508W2	MRM0508W	SRM0508W	MRM0508S	SRM0508S
MRM0610W2	SRM0610W2	MRM0610W	SRM0610W	MRM0610S	SRM0610S
MRM0710W2	SRM0710W2	MRM0710W	SRM0710W	MRM0710S	SRM0710S
MRM0812W2	SRM0812W2	MRM0812W	SRM0812W	MRM0812S	SRM0812S
MRM1015W2	SRM1015W2	MRM1015W	SRM1015W	MRM1015S	SRM1015S
MRM1215W2	SRM1215W2	MRM1215W	SRM1215W	MRM1215S	SRM1215S
MRM1415W2	SRM1415W2	MRM1415W	SRM1415W	MRM1415S	SRM1415S
Thinwall Step Drills	Thinwall Step Drills	Thinwall Oversize Step Drills	Thinwall Oversize Step Drills	Oversize Swage Tool	Oversize Swage Tool
MRM0305D	SRM0305D	MRMW0305D	SRMW0305D	MRMW0305S	SRMW0305S
MRM0407D	SRM0407D	MRMW0407D	SRMW0407D	MRMW0407S	SRMW0407S
MRM0508D	SRM0508D	MRMW0508D	SRMW0508D	MRMW0508S	SRMW0508S
MRM0610D	SRM0610D	MRMW0610D	SRMW0610D	MRMW0610S	SRMW0610S
MRM0710D	SRM0710D	MRMW0710D	SRMW0710D	MRMW0710S	SRMW0710S
MRM0812D	SRM0812D	MRMW0812D	SRMW0812D	MRMW0812S	SRMW0812S
MRM1015D	SRM1015D	MRMW1015D	SRMW1015D	MRMW1015S	SRMW1015S
MRM1215D	SRM1215D	MRMW1215D	SRMW1215D	MRMW1215S	SRMW1215S
MRM1415D	SRM1415D	MRMW1415D	SRMW1415D	MRMW1415S	SRMW1415S

Thinwall Insert Gages

MI Part No.	Rosan* Part No.	MI Part No.	Rosan* Part No.
Gage	Gage	Gage-Oversize	Gage -Oversize
MRMGSD0305	SRMGSD0305	MRMWGSD0305	SRMWGSD0305
MRMGSD0407	SRMGSD0407	MRMWGSD0407	SRMWGSD0407
MRMGSD0508	SRMGSD0508	MRMWGSD0508	SRMWGSD0508
MRMGSD0610	SRMGSD0610	MRMWGSD0610	SRMWGSD0610
MRMGSD0710	SRMGSD0710	MRMWGSD0710	SRMWGSD0710
MRMGSD0812	SRMGSD0812	MRMWGSD0812	SRMWGSD0812
MRMGSD1015	SRMGSD1015	MRMWGSD1015	SRMWGSD1015
MRMGSD1215	SRMGSD1215	MRMWGSD1215	SRMWGSD1215
MRMGSD1415	SRMGSD1415	MRMWGSD1415	SRMWGSD1415



MRM()W2 NO-LOCK Series Wrench



MRM() W LOCKING Series Wrench



MRM()S and MRMW ()S Series Swage Tool



MRM()D and MRMW()D Thinwall Insert Step Drills



MRM()GSD and MRMW()GSD Series Thinwall Gage

McKinnon Industries, INC. Part Number Cross Reference List
Thinwall Insert Removal Drills

MI Part No.	Rosan* Part No.	MI Part No.	Rosan* Part No.
Removal Tool	Removal Tool	Removal Tool- Oversize	Removal Tool- Oversize
MRM0305R	SRM0305R	MRMW0305R	SRMW0305R
MRM0407R	SRM0407R	MRMW0407R	SRMW0407R
MRM0508R	SRM0508R	MRMW0508R	SRMW0508R
MRM0610R	SRM0610R	MRMW0610R	SRMW0610R
MRM0710R	SRM0710R	MRMW0710R	SRMW0710R
MRM0812R	SRM0812R	MRMW0812R	SRMW0812R
MRM1015R	SRM1015R	MRMW1015R	SRMW1015R
MRM1215R	SRM1215R	MRMW1215R	SRMW1215R
MRM1415R	SRM1415R	MRMW1415R	SRMW1415R

METRIC



METRIC

McKinnon Industries, INC. Part Number Cross Reference List

Press Nut Tooling

MI Part No.	Rosan* Part No.	MI Part No.	Rosan* Part No.
Drive Tool	Drive Tool	Drive Tool	Drive Tool
MMRPNM2.5DS	MRPNM2.5DS	MMFPNM2.5DS	MFPNM2.5DS
MMRPNM3DS	MRPNM3DS	MMFPNM3DS	MFPNM3DS
MMRPNM3.5DS	MRPNM3.5DS	MMFPNM3.5DS	MFPNM3.5DS
MMRPNM4DS	MRPNM4DS	MMFPNM4DS	MFPNM4DS
MMRPNM5DS	MRPNM5DS	MMFPNM5DS	MFPNM5DS
MMRPNM6DS	MRPNM6DS	MMFPNM6DS	MFPNM6DS

Press Bolt Tooling

MI Part No.	Rosan* Part No.	MI Part No.	Rosan* Part No.	MI Part No.	Rosan* Part No.
Drive Tool-Surface	Drive Tool-Surface	Drive Tool-Surface	Drive Tool-Surface	Drive Tool	Drive Tool
MPBM03DS	PBM03DS	MPBM03FD	PBM03FD		
MPBM04DS	PBM04DS	MPBM04FD	PBM04FD		
MPBM05DS	PBM05DS	MPBM05FD	PBM05FD		
MPBM06DS	PBM06DS	MPBM06FD	PBM06FD		



METRIC

McKinnon Industries, INC. Part Number Cross Reference List

Fluid Adapter Port Tooling

Note: Additional Cutters available for all broach tools

MI Part No.	Rosan* Part No.	MI Part No.	Rosan* Part No.
Broach Tool	Broach Tool	Broach Tool-Impact	Broach Tool-Impact
MFMOPB077HDB	RFMOPB077HDB	MFMOPB077	RFMOPB077
MFOMPBB098HDB	RFOMPBB098HDB	MFOMPBB098	RFOMPBB098
MFOMPBB125HDB	RFOMPBB125HDB	MFOMPBB125	RFOMPBB125
MFOMPBB136HDB	RFOMPBB136HDB	MFOMPBB136	RFOMPBB136
MFOMPBB153HDB	RFOMPBB153HDB	MFOMPBB153	RFOMPBB153
MFOMPBB170HDB	RFOMPBB170HDB	MFOMPBB170	RFOMPBB170
MFOMPBB192HDB	RFOMPBB192HDB	MFOMPBB192	RFOMPBB192
MFOMPBB215HDB	RFOMPBB215HDB	MFOMPBB215	RFOMPBB215
MFMOPB231HDB	RFMOPB231HDB	MFMOPB231	RFMOPB231
MFOMPBB253HDB	RFOMPBB253HDB	MFOMPBB253	RFOMPBB253
MFOMPBB295HDB	RFOMPBB295HDB	MFOMPBB295	RFOMPBB295
MFOMPBB320HDB	RFOMPBB320HDB	MFOMPBB320	RFOMPBB320
MFOMPBB350HDB	RFOMPBB350HDB	MFOMPBB350	RFOMPBB350

Fluid Adapter Port Tooling

MI Part No.	Rosan* Part No.	MI Part No.	Rosan* Part No.
Chip Removal Tool	Chip Removal Tool	Porting Tool	Porting Tool
MFM077CR	RFM077CR	MPTM077	RPTM077
MFM098CR	RFM098CR	MPTM098	RPTM098
MFM125CR	RFM125CR	MPTM125	RPTM125
MFM136CR	RFM136CR	MPTM136	RPTM136
MFM153CR	RFM153CR	MPTM153	RPTM153
MFM170CR	RFM170CR	MPTM170	RPTM170
MFM192CR	RFM192CR	MPTM192	RPTM192
MFM214CR	RFM214CR	MPTM214	RPTM214
MFM231CR	RFM231CR	MPTM231	RPTM231
MFM253CR	RFM253CR	MPTM253	RPTM253
MFM295CR	RFM295CR	MPTM295	RPTM295
MFM320CR	RFM320CR	MPTM320	RPTM320
MFM350CR	RFM350CR	MPTM350	RPTM350



MFMOPB ()HDB Series
Non-Impact Broach Tool



MFOMPBB () Series
Impact-Prebroach Tool



MFM () CR Series
PortChip Removal

METRIC

McKinnon Industries, INC. Part Number Cross Reference List

Fluid Adapter Installation Tooling

MI Part No.	Rosan* Part No.	MI Part No.	Rosan* Part No.
Wrench	Wrench	Lockring Drive Tool	Lockring Drive Tool
MFM6828-077W	RFM6828-077W	MFM6828-077D	RFM6828-077D
MFM6828-098W	RFM6828-098W	MFM6828-098D	RFM6828-098D
MFM6828-125W	RFM6828-125W	MFM6828-125D	RFM6828-125D
MFM6828-136W	RFM6828-136W	MFM6828-136D	RFM6828-136D
MFM6828-153W	RFM6828-153W	MFM6828-153D	RFM6828-153D
MFM6828-170W	RFM6828-170W	MFM6828-170D	RFM6828-170D
MFM6828-192W	RFM6828-192W	MFM6828-192D	RFM6828-192D
MFM6828-214W	RFM6828-214W	MFM6828-214D	RFM6828-214D
MFM6828-231W	RFM6828-231W	MFM6828-231D	RFM6828-231D
MFM6828-253W	RFM6828-253W	MFM6828-253D	RFM6828-253D
MFM6828-295W	RFM6828-295W	MFM6828-295D	RFM6828-295D
MFM6828-320W	RFM6828-320W	MFM6828-320D	RFM6828-320D
MFM6828-359W	RFM6828-359W	MFM6828-359D	RFM6828-359D

MI Part No.	Rosan* Part No.
Combination Wrench and Drive Tool	Combination Wrench and Drive Tool
MFM077-1010DW	RFM077-1010DW
MFM098-1212DW	RFM098-1212DW
MFM125-1415DW	RFM125-1415DW
MFM136-1615DW	RFM136-1615DW
MFM153-1815DW	RFM153-1815DW
MFM170-2015DW	RFM170-2015DW
MFM192-2215DW	RFM192-2215DW
MFM214-2415DW	RFM214-2415DW
MFM231-2715DW	RFM231-2715DW
MFM253-3015DW	RFM253-3015DW
MFM295-3315DW	RFM295-3315DW
MFM320-3615DW	RFM320-3615DW
MFM350-3915DW	RFM350-3915DW



MFM6828-()W
Series Adapter Wrench



MFM6828-()D Series
Lockring Drive Tool



MFM()-() DW
Series Adapter Combination
Wrench and Drive Tool

METRIC

McKinnon Industries, INC. Part Number Cross Reference List
Fluid Adapter Installation Tooling

MI Part No.	Rosan* Part No.
Lockring Removal Tool	Lockring Removal Tool
MFM077LPDE	RFM077LPDE
MFM098LPDE	RFM098LPDE
MFM125LPDE	RFM125LPDE
MFM136LPDE	RFM136LPDE
MFM153LPDE	RFM153LPDE
MFM170LPDE	RFM170LPDE
MFM214LPDE	RFM214LPDE
MFM214LPDE	RFM214LPDE
MFM231LPDE	RFM231LPDE
MFM253LPDE	RFM253LPDE
MFM295LPDE	RFM295LPDE
MFM320LPDE	RFM320LPDE
MFM350LPDE	RFM350LPDE



Fluid Adapter Installation Tooling

MI Part No.	Rosan* Part No.
O-Ring Installation Tooling	O-Ring Installation Tooling
MORTM0610	ORTM0610
MORTM0810	ORTM0810
MORTM1010	ORTM1010
MORTM1212	ORTM1212
MORTM1415	ORTM1415
MORTM1615	ORTM1615
MORTM1815	ORTM1815
MORTM2105	ORTM2105
MORTM2215	ORTM2215
MORTM2415	ORTM2415
MORTM2715	ORTM2715
MORTM3015	ORTM3015
MORTM3315	ORTM3315



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REVISED 02/03

McKinnon Key Ring Stud and Insert Installation Tools



KEY RING STUD TOOLS				
NUT END THREAD SIZE			SINGLE STEP	DOUBLE STEP
			ONE PIECE	ONE PIECE
10	(.190)	- 24	M255-3	M265-3
10	(.190)	- 32	M256-3	M266-3
1/4	(.2500)	- 20	M255-4	M265-4
1/4	(.2500)	- 28	M256-4	M266-4
5/16	(.3125)	- 18	M255-5	M265-5
5/16	(.3750)	- 24	M256-5	M266-5
3/8	(.3750)	- 16	M255-6	M265-6
3/8	(.3750)	- 24	M256-6	M266-6

KEY RING INSERT TOOLS				
INTERNAL THREAD SIZE			STD. WALL	THIN WALL
			ONE PIECE	ONE PIECE
4	(.112)	- 40	M245-04	M248-04
6	(.138)	- 32	M245-06	M248-06
8	(.164)	- 32	M245-2	M248-2
10	(.190)	- 24	M245-3	M248-3
10	(.190)	- 32	M246-3	M249-3
1/4	(.2500)	- 20	M245-4	M248-4
1/4	(.2500)	- 28	M246-4	M249-4
5/16	(.3125)	- 18	M245-5	M248-5
5/16	(.3750)	- 24	M246-5	M249-5
3/8	(.3750)	- 16	M245-6	M248-6
3/8	(.3750)	- 24	M246-6	M249-6
7/16	(.4375)	- 14	M245-7	-
7/16	(.4375)	- 20	M246-7	-
1/2	(.5000)	- 13	M245-8	-
1/2	(.5000)	- 20	M246-8	-







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McKinnon

Industries Inc. Fluid Adapter Tool Kits

MKM() SERIES



PORT SIZE	KIT PART NUMBER	NSN (NATIONAL STOCK NUMBER REF)	KIT CONTENTS			
			 O-RING INSTALL TOOL	 WRENCH PART NUMBER	 LOCKRING DRIVE TOOL	 LOCKRING REMOVAL TOOL
02	MKM35	5160-01-075-5690	MORT216	MF6902W	MF9802DEK	MF02LPDE
03	MKM36	5180-01-077-1577	MORT250	MF6903W	MF9803DEK	MF03LPDE
04	MKM18	5180-00-283-6999	MORT312	MF6904W	MF9804DEK	MF04LPDE
05	MKM29	5180-01-075-0765	MORT375	MF6905W	MF9805DEK	MF05LPDE
06	MKM30	5180-01-075-0766	MORT437	MF6906W	MF9806DEK	MF06LPDE
08	MKM13	5180-00-283-6993	MORT562	MF6908W	MF9808DEK	MF08LPDE
10	MKM19	5180-00-283-6989	MORT687	MF6910W	MF9810DEK	MF10LPDE
12	MKM31	5180-01-077-1578	MORT812	MF6912W	MF9812DEK	MF12LPDE
14	MKM32	5180-01-075-0767	MORT937	MF6914W	MF9814DEK	MF14LPDE
16	MKM14	5180-00-283-6992	MORT1125	MF6916W	MF9816DEK	MF16LPDE
20	MKM15	5180-00-283-6991	MORT1312	MF6920W	MF9820DEK	MF20LPDE
24	MKM28	5180-01-075-0768	MORT1625	MF6924W	MF9824DEK	MF24LPDE
32	MKM33	5180-01-075-5689	MORT2125	MF6932W	MF9832DEK	MF32LPDE
34	MKM34	5180-01-263-9173	SPECIAL TOOL KIT CONTAINING TOOLING FOR SIZES -04 THRU -32 ALL IN ONE CONTAINER			

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ALL TOOLS MADE IN THE USA

McKinnon Industries Inc. Fluid Adapter Tool Kits MKM9RF() SERIES



ADAPTER AS1986- () SIZE REF	KIT PART NUMBER	NSN (NATIONAL STOCK NUMBER REF)	KIT CONTENTS		
			 O-RING INSTALL TOOL	 COMBO WRENCH AND DRIVE TOOL	 LOCKRING REMOVAL TOOL
04	MKM9RF5004	5180-00-785-5062	MORT312	MF5004DW	MF5004LPD
05	MKM9RF5005	-	MORT375	MF5005DW	MF5005LPD
06	MKM9RF5006	5180-00-785-5063	MORT437	MF5006DW	MF5006LPD
08	MKM9RF5008	5180-00-785-5068	MORT562	MF5008DW	MF5008LPD
10	MKM9RF5010	5180-00-785-5069	MORT687	MF5010DW	MF5010LPD
12	MKM9RF5012	5180-00-785-5073	MORT812	MF5012DW	MF5012LPD
14	MKM9RF5014	-	MORT937	MF5014DW	MF5014LPD
16	MKM9RF5016	5180-00-785-5080	MORT1125	MF5016DW	MF5016LPD
20	MKM9RF5020	5180-00-782-7033	MORT1312	MF5020TDW	MF5020LPD
24	MKM9RF5024	-	MORT1625	MF5024TDW	MF5024LPD


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