

MUD PUMP EXPENDABLES

TRIPLEX FLUID END PARTS

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TRIPLEX FLUID END PARTS

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MUD PUMP EXPENDABLES

TRIPLEX FLUID END PARTS

EMSCO

6¾ × 7

F-350

Liners & Liner Packing		
SIZES	LINER	LINER PACKING
4"	MK-0146-40	MKG-0281
4½"	MK-0146-44	MKG-0281
5"	MK-0146-50	MKG-0281
5½"	MK-0146-54	MKG-0281
6"	MK-0146-60	MKG-0281
6¼"	MK-0146-62	MKG-0281
6½"	MK-0146-64	MKG-0281
6¾"	MK-0146-66	MKG-0281

Gaskets	
Valve Cover Gasket	Cylinder Head Gasket
MKG-0733	MKG-0281

SERIES	VALVE	SEAT	SPRING	URETHANE INSERT	PULLER HEAD
MKP-4 WEB	MK-U5B-05	MK-5DD-B1	MK-5710-111	MK-UDD-5B	MK-1700-5
MKP-FULL OPEN	MK-5DFO-V1	MK-5DFO-S1	MK-5710-030	MK-5DFO-SI	MK-1700-5FO
MKP-DOUBLE ANGLE	MK-0500117	MK-0508623	MK-05147900	MK-0515844	MK-1700-5BA
MKP-PLATE TYPE	MK-0504991	MK-0508623	MK-05144230	MK-0504888	MK-1700-5BA

Piston Size	Red Thunder Bonded Pistons	Imperial Piston	Imperial Rubber Kits	Rubber Bonded	Long Life (Urethane)
4"	MK-RT-400-10	MK-I40HK10	MK-I40HK	MK-RB-400-10	MK-LL-400-10
4½"	MK-RT-440-10	MK-I44HK10	MK-I44HK	MK-RB-440-10	MK-LL-440-10
5"	MK-RT-500-10	MK-I50HB10	MK-I50HB	MK-RB-500-10	MK-LL-500-10
5½"	MK-RT-540-10	MK-I54HB10	MK-I54HB	MK-RB-540-10	MK-LL-540-10
6"	MK-RT-600-10	MK-I60HB10	MK-I60HB	MK-RB-600-10	MK-LL-600-10
6½"	MK-RT-640-10	MK-I64HL10	MK-I64HL	MK-RB-640-10	MK-LL-640-10

* ¼ Size are available upon request

RODS					
	PISTON ROD	SUB ROD	EXTENSION ROD	ROD CLAMP	PISTON ROD NUT
PART NO.	MK-0147	N/A	MK-16-0142	MK-24-0146	MK-7403224

MUD PUMP EXPENDABLES

TRIPLEX FLUID END PARTS

EMSCO

6¾ × 7½

F-500

Liners & Liner Packing		
SIZES	LINER	LINER PACKING
4"	MK-0146-40	MKG-0281
4½"	MK-0146-44	MKG-0281
5"	MK-0146-50	MKG-0281
5½"	MK-0146-54	MKG-0281
6"	MK-0146-60	MKG-0281
6¼"	MK-0146-62	MKG-0281
6½"	MK-0146-64	MKG-0281
6¾"	MK-0146-66	MKG-0281

Gaskets	
Valve Cover Gasket	Cylinder Head Gasket
MKG-0733	MKG-0281

SERIES	VALVE	SEAT	SPRING	URETHANE INSERT	PULLER HEAD
MKP-4 WEB	MK-U5B-05	MK-5DD-B1	MK-5710-111	MK-UDD-5B	MK-1700-5
MKP-FULL OPEN	MK-5DFO-V1	MK-5DFO-S1	MK-5710-030	MK-5DFO-SI	MK-1700-5FO
MKP-DOUBLE ANGLE	MK-0500117	MK-0508623	MK-05147900	MK-0515844	MK-1700-5BA
MKP-PLATE TYPE	MK-0504991	MK-0508623	MK-05144230	MK-0504888	MK-1700-5BA

Piston Size	Red Thunder Bonded Pistons	Imperial Piston	Imperial Rubber Kits	Rubber Bonded	Long Life (Urethane)
4"	MK-RT-400-10	MK-I40HK10	MK-I40HK	MK-RB-400-10	MK-LL-400-10
4½"	MK-RT-440-10	MK-I44HK10	MK-I44HK	MK-RB-440-10	MK-LL-440-10
5"	MK-RT-500-10	MK-I50HB10	MK-I50HB	MK-RB-500-10	MK-LL-500-10
5½"	MK-RT-540-10	MK-I54HB10	MK-I54HB	MK-RB-540-10	MK-LL-540-10
6"	MK-RT-600-10	MK-I60HB10	MK-I60HB	MK-RB-600-10	MK-LL-600-10
6½"	MK-RT-640-10	MK-I64HL10	MK-I64HL	MK-RB-640-10	MK-LL-640-10

* ¼ Size are available upon request

RODS					
	PISTON ROD	SUB ROD	EXTENSION ROD	ROD CLAMP	PISTON ROD NUT
PART NO.	MK-0146	N/A	MK-16-0146	MK-24-0146	MK-7403224

MUD PUMP EXPENDABLES

TRIPLEX FLUID END PARTS

EMSCO

6¾ × 8

F-650

Liners & Liner Packing		
SIZES	LINER	LINER PACKING
4"	MK-0146-40	MKG-0281
4½"	MK-0146-44	MKG-0281
5"	MK-0146-50	MKG-0281
5½"	MK-0146-54	MKG-0281
6"	MK-0146-60	MKG-0281
6¼"	MK-0146-62	MKG-0281
6½"	MK-0146-64	MKG-0281
6¾"	MK-0146-66	MKG-0281

Gaskets	
Valve Cover Gasket	Cylinder Head Gasket
MKG-0733	MKG-0281

SERIES	VALVE	SEAT	SPRING	URETHANE INSERT	PULLER HEAD
MKP-4 WEB	MK-U5B-05	MK-5DD-B1	MK-5710-111	MK-UDD-5B	MK-1700-5
MKP-FULL OPEN	MK-5DFO-V1	MK-5DFO-S1	MK-5710-030	MK-5DFO-SI	MK-1700-5FO
MKP-DOUBLE ANGLE	MK-0500117	MK-0508623	MK-05147900	MK-0515844	MK-1700-5BA
MKP-PLATE TYPE	MK-0504991	MK-0508623	MK-05144230	MK-0504888	MK-1700-5BA

Piston Size	Red Thunder Bonded Pistons	Imperial Piston	Imperial Rubber Kits	Rubber Bonded	Long Life (Urethane)
4"	MK-RT-400	MK-I40HK14/15	MK-I40HK	MK-RB-400	MK-LL-400
4½"	MK-RT-440	MK-I44HK14/15	MK-I44HK	MK-RB-440	MK-LL-440
5"	MK-RT-500	MK-I50HB14/15	MK-I50HB	MK-RB-500	MK-LL-500
5½"	MK-RT-540	MK-I54HB14/15	MK-I54HB	MK-RB-540	MK-LL-540
6"	MK-RT-600	MK-I60HB14/15	MK-I60HB	MK-RB-600	MK-LL-600
6½"	MK-RT-640	MK-I64HL14/15	MK-I64HL	MK-RB-640	MK-LL-640

* ¼ Size are available upon request

RODS					
	PISTON ROD	SUB ROD	EXTENSION ROD	ROD CLAMP	PISTON ROD NUT
PART NO.	MK-0151	N/A	MK-16-0141	MK-24-0147	MK-7403364

MUD PUMP EXPENDABLES

TRIPLEX FLUID END PARTS

EMSCO

6¾ × 9

F-800

Liners & Liner Packing		
SIZES	LINER	LINER PACKING
4"	MK-0148-40	MKG-0282
4½"	MK-0148-44	MKG-0282
5"	MK-0148-50	MKG-0282
5½"	MK-0148-54	MKG-0282
6"	MK-0148-60	MKG-0282
6¼"	MK-0148-62	MKG-0282
6½"	MK-0148-64	MKG-0282
6¾"	MK-0148-66	MKG-0282

Gaskets	
Valve Cover Gasket	Cylinder Head Gasket
MKG-0740	MKG-0282

SERIES	VALVE	SEAT	SPRING	URETHANE INSERT	PULLER HEAD
MKP-4 WEB	MK-U5B-EH	MK-6ADD-B6	MK-5710-111	MK-UDD-6AB	MK-1700-6
MKP-4 WEB HIGH TEMP	MK-U5B-EHHT	MK-6ADD-B6	MK-5710-111	MK-UDD-6ABHT	MK-1700-6
MKP-FULL OPEN	MK-6FO-V1	MK-6FO-S1	MK-5710-115	MK-6FO-SI	MK-1700-6FO
MKP-G2	MK-1560995	MK-1561380	MK-1560701	MK-1560587	MK-1700-6G2
MKP-ROUGHNECK	MK-RN6-V1	MK-RN6-S6	MK-5710-110L	MK-RN6-I	MK-1700-6FO
MKP-SW FULL OPEN	MK-773-1	MK-873-2	MK-951	MK-973	MK-1700-6SW
MKP-DOUBLE ANGLE	MK-0500119	MK-0520008	MK-05139890	MK-0515845	MK-1700-6BA
MKP-PLATE TYPE	MK-0505038	MK-0520008	MK-05139880	MK-0504890	MK-1700-6BA

Piston Size	Red Thunder Bonded Pistons	Imperial Piston	Imperial Rubber Kits	Rubber Bonded	Long Life (Urethane)
4"	MK-RT-400	MK-I40HK14/15	MK-I40HK	MK-RB-400	MK-LL-400
4½"	MK-RT-440	MK-I44HK14/15	MK-I44HK	MK-RB-440	MK-LL-440
5"	MK-RT-500	MK-I50HB14/15	MK-I50HB	MK-RB-500	MK-LL-500
5½"	MK-RT-540	MK-I54HB14/15	MK-I54HB	MK-RB-540	MK-LL-540
6"	MK-RT-600	MK-I60HB14/15	MK-I60HB	MK-RB-600	MK-LL-600
6½"	MK-RT-640	MK-I64HL14/15	MK-I64HL	MK-RB-640	MK-LL-640

* ¼ Size are available upon request

RODS					
	PISTON ROD	SUB ROD	EXTENSION ROD	ROD CLAMP	PISTON ROD NUT
PART NO.	MK-0150	N/A	MK-16-0150	MK-24-0150	MK-7403364

MUD PUMP EXPENDABLES

TRIPLEX FLUID END PARTS

EMSCO

6¾ × 10

F-1000

Liners & Liner Packing		
SIZES	LINER	LINER PACKING
4"	MK-0148-40	MKG-0282
4½"	MK-0148-44	MKG-0282
5"	MK-0148-50	MKG-0282
5½"	MK-0148-54	MKG-0282
6"	MK-0148-60	MKG-0282
6¼"	MK-0148-62	MKG-0282
6½"	MK-0148-64	MKG-0282
6¾"	MK-0148-66	MKG-0282

Gaskets	
Valve Cover Gasket	Cylinder Head Gasket
MKG-0740	MKG-0282

SERIES	VALVE	SEAT	SPRING	URETHANE INSERT	PULLER HEAD
MKP-4 WEB	MK-U5B-EH	MK-6ADD-B6	MK-5710-111	MK-UDD-6AB	MK-1700-6
MKP-4 WEB HIGH TEMP	MK-U5B-EHHT	MK-6ADD-B6	MK-5710-111	MK-UDD-6ABHT	MK-1700-6
MKP-FULL OPEN	MK-6FO-V1	MK-6FO-S1	MK-5710-115	MK-6FO-SI	MK-1700-6FO
MKP-G2	MK-1560995	MK-1561380	MK-1560701	MK-1560587	MK-1700-6G2
MKP-ROUGHNECK	MK-RN6-V1	MK-RN6-S6	MK-5710-110L	MK-RN6-I	MK-1700-6FO
MKP-SW FULL OPEN	MK-773-1	MK-873-2	MK-951	MK-973	MK-1700-6SW
MKP-DOUBLE ANGLE	MK-0500119	MK-0520008	MK-05139890	MK-0515845	MK-1700-6BA
MKP-PLATE TYPE	MK-0505038	MK-0520008	MK-05139880	MK-0504890	MK-1700-6BA

Piston Size	Red Thunder Bonded Pistons	Imperial Piston	Imperial Rubber Kits	Rubber Bonded	Long Life (Urethane)
4"	MK-RT-400	MK-I40HK14/15	MK-I40HK	MK-RB-400	MK-LL-400
4½"	MK-RT-440	MK-I44HK14/15	MK-I44HK	MK-RB-440	MK-LL-440
5"	MK-RT-500	MK-I50HB14/15	MK-I50HB	MK-RB-500	MK-LL-500
5½"	MK-RT-540	MK-I54HB14/15	MK-I54HB	MK-RB-540	MK-LL-540
6"	MK-RT-600	MK-I60HB14/15	MK-I60HB	MK-RB-600	MK-LL-600
6½"	MK-RT-640	MK-I64HL14/15	MK-I64HL	MK-RB-640	MK-LL-640

* ¼ Size are available upon request

RODS					
	PISTON ROD	SUB ROD	EXTENSION ROD	ROD CLAMP	PISTON ROD NUT
PART NO.	MK-0148	N/A	MK-16-0148	MK-24-0148	MK-7403364

MUD PUMP EXPENDABLES

TRIPLEX FLUID END PARTS

EMSCO

7½ × 12

FB-1300

Liners & Liner Packing		
SIZES	LINER	LINER PACKING
4"	MK-2145-40	MKG-0800
4½"	MK-2145-44	MKG-0800
5"	MK-2145-50	MKG-0800
5½"	MK-2145-54	MKG-0800
6"	MK-2145-60	MKG-0800
6¼"	MK-2145-62	MKG-0800
6½"	MK-2145-64	MKG-0800
6¾"	MK-2145-66	MKG-0800
7"	MK-2145-70	MKG-0800
7½"	MK-2145-74	MKG-0800

Gaskets	
Valve Cover Gasket	Cylinder Head Gasket
MKG-0741	MKG-0801

SERIES	VALVE	SEAT	SPRING	URETHANE INSERT	PULLER HEAD
MKP-4 WEB	MK-U5C-EEF	MK-7DD-B1	MK-5710-115	MK-UDD-7B	MK-1700-7
MKP-4 WEB HIGH TEMP	MK-U5C-EEFHT	MK-7DD-B1	MK-5710-115	MK-UDD-7BHT	MK-1700-7
MKP-FULL OPEN	MK-7FO-V1	MK-7FO-S1	MK-5710-115L	MK-7FO-SI	MK-1700-7FO
MKP-G2	MK-1560985	MK-1561370	MK-1560702	MK-1560557	MK-1700-7G2
MKP-3 WEB	MK-202PZL482A	MK-202PZL039	MK-5710-115	MK-201PZL106	MK-1700-7R
MKP-ROUGHNECK	MK-RN7-V1	MK-RN7-S1	MK-5710-115L	MK-RN7-I	MK-1700-7FO
MKP-SW FULL OPEN	MK-777-7	MK-877-7	MK-951	MK-977	MK-1700-7SW
MKP-DOUBLE ANGLE	MK-0500110	MK-0509309	MK-05139890	MK-0514275	MK-1700-7BA
MKP-PLATE TYPE	MK-0505062	MK-0509309	MK-05139880	MK-0504893	MK-1700-7BA

Piston Size	Red Thunder Bonded Pistons	Imperial Piston	Imperial Rubber Kits	Rubber Bonded	Long Life (Urethane)
4"	MK-RT-400	MK-I40HK14/15	MK-I40HK	MK-RB-400	MK-LL-400
4½"	MK-RT-440	MK-I44HK14/15	MK-I44HK	MK-RB-440	MK-LL-440
5"	MK-RT-500	MK-I50HB14/15	MK-I50HB	MK-RB-500	MK-LL-500
5½"	MK-RT-540	MK-I54HB14/15	MK-I54HB	MK-RB-540	MK-LL-540
6"	MK-RT-600	MK-I60HB14/15	MK-I60HB	MK-RB-600	MK-LL-600
6½"	MK-RT-640	MK-I64HL14/15	MK-I64HL	MK-RB-640	MK-LL-640
7"	MK-RT-700	MK-I70HL14/15	MK-I70HL	MK-RB-700	MK-LL-700
7½"	N/A	MK-I74HL14/15	MK-I74HL	N/A	N/A

* ¼ Size are available upon request

RODS					
	PISTON ROD	SUB ROD	EXTENSION ROD	ROD CLAMP	PISTON ROD NUT
PART NO.	MK-2145	N/A	MK-16-0145	MK-24-0145	MK-7403364

MUD PUMP EXPENDABLES

TRIPLEX FLUID END PARTS

EMSCO

7½ × 12

FB-1600

Liners & Liner Packing		
SIZES	LINER	LINER PACKING
4"	MK-2145-40	MKG-0800
4½"	MK-2145-44	MKG-0800
5"	MK-2145-50	MKG-0800
5½"	MK-2145-54	MKG-0800
6"	MK-2145-60	MKG-0800
6¼"	MK-2145-62	MKG-0800
6½"	MK-2145-64	MKG-0800
6¾"	MK-2145-66	MKG-0800
7"	MK-2145-70	MKG-0800
7½"	MK-2145-74	MKG-0800

Gaskets	
Valve Cover Gasket	Cylinder Head Gasket
MKG-0741	MKG-0801

SERIES	VALVE	SEAT	SPRING	URETHANE INSERT	PULLER HEAD
MKP-4 WEB	MK-U5C-EEF	MK-7DD-B1	MK-5710-115	MK-UDD-7B	MK-1700-7
MKP-4 WEB HIGH TEMP	MK-U5C-EEFHT	MK-7DD-B1	MK-5710-115	MK-UDD-7BHT	MK-1700-7
MKP-FULL OPEN	MK-7FO-V1	MK-7FO-S1	MK-5710-115L	MK-7FO-SI	MK-1700-7FO
MKP-G2	MK-1560985	MK-1561370	MK-1560702	MK-1560557	MK-1700-7G2
MKP-3 WEB	MK-202PZL482A	MK-202PZL039	MK-5710-115	MK-201PZL106	MK-1700-7R
MKP-ROUGHNECK	MK-RN7-V1	MK-RN7-S1	MK-5710-115L	MK-RN7-I	MK-1700-7FO
MKP-SW FULL OPEN	MK-777-7	MK-877-7	MK-951	MK-977	MK-1700-7SW
MKP-DOUBLE ANGLE	MK-0500110	MK-0509309	MK-05139890	MK-0514275	MK-1700-7BA
MKP-PLATE TYPE	MK-0505062	MK-0509309	MK-05139880	MK-0504893	MK-1700-7BA

Piston Size	Red Thunder Bonded Pistons	Imperial Piston	Imperial Rubber Kits	Rubber Bonded	Long Life (Urethane)
4"	MK-RT-400	MK-I40HK14/15	MK-I40HK	MK-RB-400	MK-LL-400
4½"	MK-RT-440	MK-I44HK14/15	MK-I44HK	MK-RB-440	MK-LL-440
5"	MK-RT-500	MK-I50HB14/15	MK-I50HB	MK-RB-500	MK-LL-500
5½"	MK-RT-540	MK-I54HB14/15	MK-I54HB	MK-RB-540	MK-LL-540
6"	MK-RT-600	MK-I60HB14/15	MK-I60HB	MK-RB-600	MK-LL-600
6½"	MK-RT-640	MK-I64HL14/15	MK-I64HL	MK-RB-640	MK-LL-640
7"	MK-RT-700	MK-I70HL14/15	MK-I70HL	MK-RB-700	MK-LL-700
7½"	N/A	MK-I74HL14/15	MK-I74HL	N/A	N/A

* ¼ Size are available upon request

RODS					
	PISTON ROD	SUB ROD	EXTENSION ROD	ROD CLAMP	PISTON ROD NUT
PART NO.	MK-2145	N/A	MK-16-0145	MK-24-0145	MK-7403364

MUD PUMP EXPENDABLES

TRIPLEX FLUID END PARTS

OPI

7 × 8

700HDL

Liners & Liner Packing		
SIZES	LINER	LINER PACKING
4"	MK-0481-40	MKG-0753
4½"	MK-0481-44	MKG-0754
5"	MK-0481-50	MKG-0742
5½"	MK-0481-54	MKG-0743
6"	MK-0481-60	MKG-0745
6½"	MK-0481-64	MKG-0746
7"	MK-0481-70	MKG-0756

Gaskets	
Valve Cover Gasket	Cylinder Head Gasket
MKG-0745	MKG-0745

SERIES	VALVE	SEAT	SPRING	URETHANE INSERT	PULLER HEAD
MKP-4 WEB	MK-U5B-EH	MK-6ADD-B6	MK-5710-115	MK-UDD-6AB	MK-1700-6
MKP-4 WEB HIGH TEMP	MK-U5B-EHHT	MK-6ADD-B6	MK-5710-115	MK-UDD-6ABHT	MK-1700-6
MKP-FULL OPEN	MK-6FO-V1	MK-6FO-S1	MK-5710-115	MK-6FO-SI	MK-1700-6FO
MKP-G2	MK-1560995	MK-1561380	MK-1560701	MK-1560587	MK-1700-6G2
MKP-ROUGHNECK	MK-RN6-V1	MK-RN6-S6	MK-5710-115	MK-RN6-I	MK-1700-6FO

Piston Size	Red Thunder Bonded Pistons	Imperial Piston	Imperial Rubber Kits	Rubber Bonded	Long Life (Urethane)
4½"	MK-RT-440	MK-I44HK14/15	MK-I44HK	MK-RB-440	MK-LL-440
5"	MK-RT-500	MK-I50HB14/15	MK-I50HB	MK-RB-500	MK-LL-500
5½"	MK-RT-540	MK-I54HB14/15	MK-I54HB	MK-RB-540	MK-LL-540
6"	MK-RT-600	MK-I60HB14/15	MK-I60HB	MK-RB-600	MK-LL-600
6½"	MK-RT-640	MK-I64HL14/15	MK-I64HL	MK-RB-640	MK-LL-640
7"	MK-RT-700	MK-I70HL14/15	MK-I70HL	MK-RB-700	MK-LL-700

* ¼ Size are available upon request

RODS						
	PISTON ROD	SUB ROD	EXTENSION ROD	EXTENSION ROD CLAMP	PISTON ROD CLAMP	PISTON ROD NUT
CLAMP TYPE	MK-0482	MK-0482-B	MK-16-0481	MK-24-0481	MK-24-0482	MK-7403364
THREAD TYPE	MK-0481	MK-0481-B	MK-16-0481	N/A	N/A	MK-7403364

MUD PUMP EXPENDABLES

TRIPLEX FLUID END PARTS

GARDNER DENVER PAH (All Models), PJ8A

5 × 8

Liners & Liner Packing			
SIZES	LINER (Small OD)	LINER PACKING	LINER (Large OD)
3"	MK-0189-30	MKG-0266	MK-0193-30
3½"	MK-0189-34	MKG-0266	MK-0193-34
4"	MK-0189-40	MKG-0266	MK-0193-40
4½"	MK-0189-44	MKG-0266	MK-0193-44
5"		MKG-0266	MK-0193-50

Gaskets	
Valve Cover Gasket	Cylinder Head Gasket
MKG-0799	MKG-0799

SERIES	VALVE	SEAT	SPRING	URETHANE INSERT	PULLER HEAD
MKP-FULL OPEN	MK-4DFO-V1	MK-4FFO-S5	MK-5710-033	MK-4FFO-SI	MK-1700-4FO
MKP-3 WEB	MK-PJ482A	MK-PJ451	MK-5710-078	MK-PJ452	MK-1700-4GD

Piston Size	Red Thunder Bonded Pistons	Imperial Piston	Imperial Rubber Kits	Rubber Bonded	Long Life (Urethane)
3"	N/A	MK-I30HA14	MK-I30HA	N/A	N/A
3½"	N/A	MK-I34HK14/15	MK-I34HK	N/A	N/A
4"	MK-RT-400	MK-I40HK14/15	MK-I40HK	MK-RB-400	MK-LL-400
4½"	MK-RT-440	MK-I44HK14/15	MK-I44HK	MK-RB-440	MK-LL-440
5"	MK-RT-500	MK-I50HB14/15	MK-I50HB	MK-RB-500	MK-LL-500

* ¼ Size are available upon request

RODS					
	PISTON ROD	SUB ROD	EXTENSION ROD	ROD CLAMP	PISTON ROD NUT
CLAMP TYPE	MK-0193	N/A	MK-16-0192	MK-24-0191	MK-7403364

MUD PUMP EXPENDABLES

TRIPLEX FLUID END PARTS

GARDNER DENVER TEE, TGE

4 × 5

Liners & Liner Packing		
SIZES	LINER	LINER PACKING
3"	MK-1190-30	MKG-0174
3½"	MK-1190-34	MKG-0174
4"	MK-1190-40	MKG-0174

Gaskets	
Valve Cover Gasket	Cylinder Head Gasket
MK-25AL20	MK-25AL20

ABRASION RESISTANT	
VALVE ASSEMBLY	MK-209TEE482 (Includes Valve Body, Cage, Spring and Insert)
INSERT	MK-ARI-10
SPRING	MK-2116523
VALVE SEAT PULLER HEAD	MK-1700-16SN

Piston Size	Red Thunder Bonded Pistons	Imperial Piston	Imperial Rubber Kits	Rubber Bonded	Long Life (Urethane)
3"	N/A	MK-I30HA10	MK-I30HA	N/A	N/A
3½"	N/A	MK-I34HK10	MK-I34HK	N/A	N/A
4"	MK-RT-400-10	MK-I40HK10	MK-I40HK	MK-RB-400-10	MK-LL-400-10

* ¼ Size are available upon request

RODS					
	PISTON ROD	SUB ROD	EXTENSION ROD	ROD CLAMP	PISTON ROD NUT
PART NO.	MK-0204	N/A	MK-300TEE839	MK-201TAE092A	MK-7403224

MUD PUMP EXPENDABLES

TRIPLEX FLUID END PARTS

GARDNER DENVER

7 × 7

PZ-GA & GB

PZ-7

Liners & Liner Packing		
SIZES	LINER	LINER PACKING
4"	MK-1192-40	MKG-0692
4½"	MK-1192-44	MKG-0692
5"	MK-1192-50	MKG-0692
5½"	MK-1192-54	MKG-0692
6"	MK-1192-60	MKG-0692
6¼"	MK-1192-62	MKG-0692
6½"	MK-1192-64	MKG-0692
6¾"	MK-1192-66	MKG-0692
7"	MK-1192-70	MKG-0692

Gaskets	
Valve Cover Gasket	Cylinder Head Gasket
MKG-0749	MKG-0749

SERIES	VALVE	SEAT	SPRING	URETHANE INSERT	PULLER HEAD
MKP-4 WEB	MK-U5C-EEF	MK-7DD-B1	MK-5710-110	MK-UDD-7B	MK-1700-7
MKP-4 WEB HIGH TEMP	MK-U5C-EEFHT	MK-7DD-B1	MK-5710-110	MK-UDD-7BHT	MK-1700-7
MKP-FULL OPEN	MK-7FO-V1	MK-7FO-S1	MK-5710-115L	MK-7FO-SI	MK-1700-7FO
MKP-G2	MK-1560985	MK-1561370	MK-1560702	MK-1560557	MK-1700-7G2
MKP-3 WEB	MK-202PZL482A	MK-202PZL039	MK-5710-110	MK-201PZL106	MK-1700-7R
MKP-ROUGHNECK	MK-RN7-V1	MK-RN7-S1	MK-5710-110L	MK-RN7-I	MK-1700-7FO
MKP-SW FULL OPEN	MK-777-7	MK-877-7	MK-951	MK-977	MK-1700-7SW
MKP-DOUBLE ANGLE	MK-0500110	MK-0509309	MK-05147900	MK-0514275	MK-1700-7BA
MKP-PLATE TYPE	MK-0505062	MK-0509309	MK-05144230	MK-0504893	MK-1700-7BA

Piston Size	Red Thunder Bonded Pistons	Imperial Piston	Imperial Rubber Kits	Rubber Bonded	Long Life (Urethane)
4"	MK-RT-400	MK-I40HK14/15	MK-I40HB	MK-RB-400	MK-LL-400
4½"	MK-RT-440	MK-I44HK14/15	MK-I44HB	MK-RB-440	MK-LL-440
5"	MK-RT-500	MK-I50HB14/15	MK-I50HB	MK-RB-500	MK-LL-500
5½"	MK-RT-540	MK-I54HB14/15	MK-I54HB	MK-RB-540	MK-LL-540
6"	MK-RT-600	MK-I60HB14/15	MK-I60HB	MK-RB-600	MK-LL-600
6½"	MK-RT-640	MK-I64HL14/15	MK-I64HL	MK-RB-640	MK-LL-640
7"	MK-RT-700	MK-I70HL14/15	MK-I70HL	MK-RB-700	MK-LL-700

* ¼ Size are available upon request

RODS					
	PISTON ROD	SUB ROD	EXTENSION ROD	ROD CLAMP	PISTON ROD NUT
CLAMP TYPE	MK-0205	N/A	MK-16-0205	MK-24-0191	MK-7403364
THREAD TYPE	MK-0196	N/A	MK-16-0196	N/A	MK-7403364

MUD PUMP EXPENDABLES

TRIPLEX FLUID END PARTS

GARDNER DENVER

7 × 8

PZ-H-E, VE

PZ-8

Liners & Liner Packing		
SIZES	LINER	LINER PACKING
4"	MK-1191-40	MKG-0692
4½"	MK-1191-44	MKG-0692
5"	MK-1191-50	MKG-0692
5½"	MK-1191-54	MKG-0692
6"	MK-1191-60	MKG-0692
6¼"	MK-1191-62	MKG-0692
6½"	MK-1191-64	MKG-0692
6¾"	MK-1191-66	MKG-0692
7"	MK-1191-70	MKG-0692

Gaskets	
Valve Cover Gasket	Cylinder Head Gasket
MKG-0749	MKG-0749

SERIES	VALVE	SEAT	SPRING	URETHANE INSERT	PULLER HEAD
MKP-4 WEB	MK-U5C-EEF	MK-7DD-B1	MK-5710-110	MK-UDD-7B	MK-1700-7
MKP-4 WEB HIGH TEMP	MK-U5C-EEFHT	MK-7DD-B1	MK-5710-110	MK-UDD-7BHT	MK-1700-7
MKP-FULL OPEN	MK-7FO-V1	MK-7FO-S1	MK-5710-115L	MK-7FO-SI	MK-1700-7FO
MKP-G2	MK-1560985	MK-1561370	MK-1560702	MK-1560557	MK-1700-7G2
MKP-3 WEB	MK-202PZL482A	MK-202PZL039	MK-5710-110	MK-201PZL106	MK-1700-7R
MKP-ROUGHNECK	MK-RN7-V1	MK-RN7-S1	MK-5710-110L	MK-RN7-I	MK-1700-7FO
MKP-SW FULL OPEN	MK-777-7	MK-877-7	MK-951	MK-977	MK-1700-7SW
MKP-DOUBLE ANGLE	MK-0500110	MK-0509309	MK-05147900	MK-0514275	MK-1700-7BA
MKP-PLATE TYPE	MK-0505062	MK-0509309	MK-05144230	MK-0504893	MK-1700-7BA

Piston Size	Red Thunder Bonded Pistons	Imperial Piston	Imperial Rubber Kits	Rubber Bonded	Long Life (Urethane)
4"	MK-RT-400	MK-I40HK14/15	MK-I40HK	MK-RB-400	MK-LL-400
4½"	MK-RT-440	MK-I44HK14/15	MK-I44HK	MK-RB-440	MK-LL-440
5"	MK-RT-500	MK-I50HB14/15	MK-I50HB	MK-RB-500	MK-LL-500
5½"	MK-RT-540	MK-I54HB14/15	MK-I54HB	MK-RB-540	MK-LL-540
6"	MK-RT-600	MK-I60HB14/15	MK-I60HB	MK-RB-600	MK-LL-600
6½"	MK-RT-640	MK-I64HL14/15	MK-I64HL	MK-RB-640	MK-LL-640
7"	MK-RT-70	MK-I70HL14/15	MK-I70HL	MK-RB-700	MK-LL-700

* ¼ Size are available upon request

RODS					
	PISTON ROD	SUB ROD	EXTENSION ROD	ROD CLAMP	PISTON ROD NUT
CLAMP TYPE	MK-0191	N/A	MK-16-0192	MK-24-0191	MK-7403364
THREAD TYPE	MK-0202	N/A	MK-16-0196	N/A	MK-7403364

MUD PUMP EXPENDABLES

TRIPLEX FLUID END PARTS

GARDNER DENVER

7 × 9

PZ-GA & GB

PZ-9

Liners & Liner Packing		
SIZES	LINER	LINER PACKING
4"	MK-1191-40	MKG-0692
4½"	MK-1191-44	MKG-0692
5"	MK-1191-50	MKG-0692
5½"	MK-1191-54	MKG-0692
6"	MK-1191-60	MKG-0692
6¼"	MK-1191-62	MKG-0692
6½"	MK-1191-64	MKG-0692
6¾"	MK-1191-66	MKG-0692
7"	MK-1191-70	MKG-0692

Gaskets	
Valve Cover Gasket	Cylinder Head Gasket
MKG-0749	MKG-0749

SERIES	VALVE	SEAT	SPRING	URETHANE INSERT	PULLER HEAD
MKP-4 WEB	MK-U5C-EEF	MK-7DD-B1	MK-5710-110	MK-UDD-7B	MK-1700-7
MKP-4 WEB HIGH TEMP	MK-U5C-EEFHT	MK-7DD-B1	MK-5710-110	MK-UDD-7BHT	MK-1700-7
MKP-FULL OPEN	MK-7FO-V1	MK-7FO-S1	MK-5710-115L	MK-7FO-SI	MK-1700-7FO
MKP-G2	MK-1560985	MK-1561370	MK-1560702	MK-1560557	MK-1700-7G2
MKP-3 WEB	MK-202PZL482A	MK-202PZL039	MK-5710-110	MK-201PZL106	MK-1700-7R
MKP-ROUGHNECK	MK-RN7-V1	MK-RN7-S1	MK-5710-110L	MK-RN7-I	MK-1700-7FO
MKP-SW FULL OPEN	MK-777-7	MK-877-7	MK-951	MK-977	MK-1700-7SW
MKP-DOUBLE ANGLE	MK-0500110	MK-0509309	MK-05147900	MK-0514275	MK-1700-7BA
MKP-PLATE TYPE	MK-0505062	MK-0509309	MK-05144230	MK-0504893	MK-1700-7BA

Piston Size	Red Thunder Bonded Pistons	Imperial Piston	Imperial Rubber Kits	Rubber Bonded	Long Life (Urethane)
4"	MK-RT-400	MK-I40HK14/15	MK-I40HK	MK-RB-400	MK-LL-400
4½"	MK-RT-440	MK-I44HK14/15	MK-I44HK	MK-RB-440	MK-LL-440
5"	MK-RT-500	MK-I50HB14/15	MK-I50HB	MK-RB-500	MK-LL-500
5½"	MK-RT-540	MK-I54HB14/15	MK-I54HB	MK-RB-540	MK-LL-540
6"	MK-RT-600	MK-I60HB14/15	MK-I60HB	MK-RB-600	MK-LL-600
6½"	MK-RT-640	MK-I64HL14/15	MK-I64HL	MK-RB-640	MK-LL-640
7"	MK-RT-700	MK-I70HL14/15	MK-I70HL	MK-RB-700	MK-LL-700

* ¼ Size are available upon request

RODS					
	PISTON ROD	SUB ROD	EXTENSION ROD	ROD CLAMP	PISTON ROD NUT
CLAMP TYPE	MK-0191	N/A	MK-16-0191	MK-24-0191	MK-7403364
THREAD TYPE	MK-0202	N/A	MK-16-0201	N/A	MK-7403364

MUD PUMP EXPENDABLES

TRIPLEX FLUID END PARTS

GARDNER DENVER

7 × 10

PZL

PZ-10

Liners & Liner Packing		
SIZES	LINER	LINER PACKING
4"	MK-0197-40	MKG-0692
4½"	MK-0197-44	MKG-0692
5"	MK-0197-50	MKG-0692
5½"	MK-0197-54	MKG-0692
6"	MK-0197-60	MKG-0692
6¼"	MK-0197-62	MKG-0692
6½"	MK-0197-64	MKG-0692
6¾"	MK-0197-66	MKG-0692
7"	MK-0197-70	MKG-0692

Gaskets	
Valve Cover Gasket	Cylinder Head Gasket
MKG-0780	MKG-0780

SERIES	VALVE	SEAT	SPRING	URETHANE INSERT	PULLER HEAD
MKP-4 WEB	MK-U5C-EEF	MK-7DD-B1	MK-5710-110	MK-UDD-7B	MK-1700-7
MKP-4 WEB HIGH TEMP	MK-U5C-EEFHT	MK-7DD-B1	MK-5710-110	MK-UDD-7BHT	MK-1700-7
MKP-FULL OPEN	MK-7FO-V1	MK-7FO-S1	MK-5710-115L	MK-7FO-SI	MK-1700-7FO
MKP-G2	MK-1560985	MK-1561370	MK-1560702	MK-1560557	MK-1700-7G2
MKP-3 WEB	MK-202PZL482A	MK-202PZL039	MK-5710-110	MK-201PZL106	MK-1700-7R
MKP-ROUGHNECK	MK-RN7-V1	MK-RN7-S1	MK-5710-110L	MK-RN7-I	MK-1700-7FO
MKP-SW FULL OPEN	MK-777-7	MK-877-7	MK-951	MK-977	MK-1700-7SW
MKP-DOUBLE ANGLE	MK-0500110	MK-0509309	MK-05147900	MK-0514275	MK-1700-7BA
MKP-PLATE TYPE	MK-0505062	MK-0509309	MK-05144230	MK-0504893	MK-1700-7BA

Piston Size	Red Thunder Bonded Pistons	Imperial Piston	Imperial Rubber Kits	Rubber Bonded	Long Life (Urethane)
4"	MK-RT-400	MK-I40HK14/15	MK-I40HK	MK-RB-400	MK-LL-400
4½"	MK-RT-440	MK-I44HK14/15	MK-I44HK	MK-RB-440	MK-LL-440
5"	MK-RT-500	MK-I50HB14/15	MK-I50HB	MK-RB-500	MK-LL-500
5½"	MK-RT-540	MK-I54HB14/15	MK-I54HB	MK-RB-540	MK-LL-540
6"	MK-RT-600	MK-I60HB14/15	MK-I60HB	MK-RB-600	MK-LL-600
6½"	MK-RT-640	MK-I64HL14/15	MK-I64HL	MK-RB-640	MK-LL-640
7"	MK-RT-700	MK-I70HL14/15	MK-I70HL	MK-RB-700	MK-LL-700

* ¼ Size are available upon request

RODS					
	PISTON ROD	SUB ROD	EXTENSION ROD	ROD CLAMP	PISTON ROD NUT
CLAMP TYPE	MK-0200	N/A	MK-16-0200	MK-24-0200	MK-7403364
THREAD TYPE	MK-0201	N/A	MK-16-0201	N/A	MK-7403364

MUD PUMP EXPENDABLES

TRIPLEX FLUID END PARTS

GARDNER DENVER

7 × 11

PZL

PZ-11

Liners & Liner Packing		
SIZES	LINER	LINER PACKING
4"	MK-0197-40	MKG-0692
4½"	MK-0197-44	MKG-0692
5"	MK-0197-50	MKG-0692
5½"	MK-0197-54	MKG-0692
6"	MK-0197-60	MKG-0692
6¼"	MK-0197-62	MKG-0692
6½"	MK-0197-64	MKG-0692
6¾"	MK-0197-66	MKG-0692
7"	MK-0197-70	MKG-0692

Gaskets	
Valve Cover Gasket	Cylinder Head Gasket
MKG-0780	MKG-0780

SERIES	VALVE	SEAT	SPRING	URETHANE INSERT	PULLER HEAD
MKP-4 WEB	MK-U5C-EEF	MK-7DD-B1	MK-5710-110	MK-UDD-7B	MK-1700-7
MKP-4 WEB HIGH TEMP	MK-U5C-EEFHT	MK-7DD-B1	MK-5710-110	MK-UDD-7BHT	MK-1700-7
MKP-FULL OPEN	MK-7FO-V1	MK-7FO-S1	MK-5710-115L	MK-7FO-SI	MK-1700-7FO
MKP-G2	MK-1560985	MK-1561370	MK-1560702	MK-1560557	MK-1700-7G2
MKP-3 WEB	MK-202PZL482A	MK-202PZL039	MK-5710-110	MK-201PZL106	MK-1700-7R
MKP-ROUGHNECK	MK-RN7-V1	MK-RN7-S1	MK-5710-110L	MK-RN7-I	MK-1700-7FO
MKP-SW FULL OPEN	MK-777-7	MK-877-7	MK-951	MK-977	MK-1700-7SW
MKP-DOUBLE ANGLE	MK-0500110	MK-0509309	MK-05147900	MK-0514275	MK-1700-7BA
MKP-PLATE TYPE	MK-0505062	MK-0509309	MK-05144230	MK-0504893	MK-1700-7BA

Piston Size	Red Thunder Bonded Pistons	Imperial Piston	Imperial Rubber Kits	Rubber Bonded	Long Life (Urethane)
4"	MK-RT-400	MK-I40HK14/15	MK-I40HK	MK-RB-400	MK-LL-400
4½"	MK-RT-440	MK-I44HK14/15	MK-I44HK	MK-RB-440	MK-LL-440
5"	MK-RT-500	MK-I50HB14/15	MK-I50HB	MK-RB-500	MK-LL-500
5½"	MK-RT-540	MK-I54HB14/15	MK-I54HB	MK-RB-540	MK-LL-540
6"	MK-RT-600	MK-I60HB14/15	MK-I60HB	MK-RB-600	MK-LL-600
6½"	MK-RT-640	MK-I64HL14/15	MK-I64HL	MK-RB-640	MK-LL-640
7"	MK-RT-700	MK-I70HL14/15	MK-I70HL	MK-RB-700	MK-LL-700

* ¼ Size are available upon request

RODS					
	PISTON ROD	SUB ROD	EXTENSION ROD	ROD CLAMP	PISTON ROD NUT
CLAMP TYPE	MK-0200	N/A	MK-16-0200	MK-24-0200	MK-7403364
THREAD TYPE	MK-0201	N/A	MK-16-0201	N/A	MK-7403364

MUD PUMP EXPENDABLES

TRIPLEX FLUID END PARTS

IDECO

7 × 8

T-500

Liners & Liner Packing		
SIZES	LINER	LINER PACKING
4"	MK-0234-40	MKG-0783
4½"	MK-0234-44	MKG-0783
5"	MK-0234-50	MKG-0783
5½"	MK-0234-54	MKG-0783
6"	MK-0234-60	MKG-0783
6¼"	MK-0234-62	MKG-0783
6½"	MK-0234-64	MKG-0783
6¾"	MK-0234-66	MKG-0783
7"	MK-0234-70	MKG-0783

Gaskets	
Valve Cover Gasket	Cylinder Head Gasket
MKG-0783	MKG-0783

SERIES	VALVE	SEAT	SPRING	URETHANE INSERT	PULLER HEAD
MKP-4 WEB	MK-U5B-EH	MK-6ADD-B6	MK-5710-115	MK-UDD-6AB	MK-1700-6
MKP-4 WEB HIGH TEMP	MK-U5B-EHHT	MK-6ADD-B6	MK-5710-115	MK-UDD-6ABHT	MK-1700-6
MKP-FULL OPEN	MK-6FO-V1	MK-6FO-S1	MK-5710-115L	MK-6FO-SI	MK-1700-6FO
MKP-G2	MK-1560995	MK-1561380	MK-1560701	MK-1560587	MK-1700-6G2
MKP-ROUGHNECK	MK-RN6-V1	MK-RN6-S6	MK-5710-115L	MK-RN6-I	MK-1700-6FO
MKP-SW FULL OPEN	MK-773-1	MK-873-2	MK-950	MK-973	MK-1700-6SW
MKP-DOUBLE ANGLE	MK-0500119	MK-0520008	MK-05147900	MK-0515845	MK-1700-6BA
MKP-PLATE TYPE	MK-0505038	MK-0520008	MK-05144230	MK-0504890	MK-1700-6BA

Piston Size	Red Thunder Bonded Pistons	Imperial Piston	Imperial Rubber Kits	Rubber Bonded	Long Life (Urethane)
4"	MK-RT-400	MK-I40HK14/15	MK-I40HK	MK-RB-400	MK-LL-400
4½"	MK-RT-440	MK-I44HK14/15	MK-I44HK	MK-RB-440	MK-LL-440
5"	MK-RT-500	MK-I50HB14/15	MK-I50HB	MK-RB-500	MK-LL-500
5½"	MK-RT-540	MK-I54HB14/15	MK-I54HB	MK-RB-540	MK-LL-540
6"	MK-RT-600	MK-I60HB14/15	MK-I60HB	MK-RB-600	MK-LL-600
6½"	MK-RT-640	MK-I64HL14/15	MK-I64HL	MK-RB-640	MK-LL-640
7"	MK-RT-700	MK-I70HL14/15	MK-I70HL	MK-RB-700	MK-LL-700

* ¼ Size are available upon request

RODS					
	PISTON ROD	SUB ROD	EXTENSION ROD	ROD CLAMP	PISTON ROD NUT
PART NO.	MK-0237	N/A	MK-16-0237	MK-24-0237	MK-7403364

MUD PUMP EXPENDABLES

TRIPLEX FLUID END PARTS

IDECO

7 × 9

T-800

Liners & Liner Packing		
SIZES	LINER	LINER PACKING
4"	MK-0230-40	MKG-0783
4½"	MK-0230-44	MKG-0783
5"	MK-0230-50	MKG-0783
5½"	MK-0230-54	MKG-0783
6"	MK-0230-60	MKG-0783
6¼"	MK-0230-62	MKG-0783
6½"	MK-0230-64	MKG-0783
6¾"	MK-0230-66	MKG-0783
7"	MK-0230-70	MKG-0783

Gaskets	
Valve Cover Gasket	Cylinder Head Gasket
MKG-0783	MKG-0783

SERIES	VALVE	SEAT	SPRING	URETHANE INSERT	PULLER HEAD
MKP-4 WEB	MK-U5B-EH	MK-6ADD-B6	MK-5710-115	MK-UDD-6AB	MK-1700-6
MKP-4 WEB HIGH TEMP	MK-U5B-EHHT	MK-6ADD-B6	MK-5710-115	MK-UDD-6ABHT	MK-1700-6
MKP-FULL OPEN	MK-6FO-V1	MK-6FO-S1	MK-5710-115L	MK-6FO-SI	MK-1700-6FO
MKP-G2	MK-1560995	MK-1561380	MK-1560701	MK-1560587	MK-1700-6G2
MKP-ROUGHNECK	MK-RN6-V1	MK-RN6-S6	MK-5710-115L	MK-RN6-I	MK-1700-6FO
MKP-SW FULL OPEN	MK-773-1	MK-873-2	MK-950	MK-973	MK-1700-6SW
MKP-DOUBLE ANGLE	MK-0500119	MK-0520008	MK-05147900	MK-0515845	MK-1700-6BA
MKP-PLATE TYPE	MK-0505038	MK-0520008	MK-05144230	MK-0504890	MK-1700-6BA

Piston Size	Red Thunder Bonded Pistons	Imperial Piston	Imperial Rubber Kits	Rubber Bonded	Long Life (Urethane)
4"	MK-RT-400	MK-I40HK14/15	MK-I40HK	MK-RB-400	MK-LL-400
4½"	MK-RT-440	MK-I44HK14/15	MK-I44HK	MK-RB-440	MK-LL-440
5"	MK-RT-500	MK-I50HB14/15	MK-I50HB	MK-RB-500	MK-LL-500
5½"	MK-RT-540	MK-I54HB14/15	MK-I54HB	MK-RB-540	MK-LL-540
6"	MK-RT-600	MK-I60HB14/15	MK-I60HB	MK-RB-600	MK-LL-600
6½"	MK-RT-640	MK-I64HL14/15	MK-I64HL	MK-RB-640	MK-LL-640
7"	MK-RT-700	MK-I70HL14/15	MK-I70HL	MK-RB-700	MK-LL-700

* ¼ Size are available upon request

RODS					
PART NO.	PISTON ROD	SUB ROD	EXTENSION ROD	ROD CLAMP	PISTON ROD NUT
	MK-0230	N/A	MK-16-0230	MK-24-0230	MK-7403364

MUD PUMP EXPENDABLES

TRIPLEX FLUID END PARTS

IDECO

7 × 10

T-1000

Liners & Liner Packing		
SIZES	LINER	LINER PACKING
4"	MK-0230-40	MKG-0783
4½"	MK-0230-44	MKG-0783
5"	MK-0230-50	MKG-0783
5½"	MK-0230-54	MKG-0783
6"	MK-0230-60	MKG-0783
6¼"	MK-0230-62	MKG-0783
6½"	MK-0230-64	MKG-0783
6¾"	MK-0230-66	MKG-0783
7"	MK-0230-70	MKG-0783

Gaskets	
Valve Cover Gasket	Cylinder Head Gasket
MKG-0783	MKG-0783

SERIES	VALVE	SEAT	SPRING	URETHANE INSERT	PULLER HEAD
MKP-4 WEB	MK-U5B-EH	MK-6ADD-B6	MK-5710-115	MK-UDD-6AB	MK-1700-6
MKP-4 WEB HIGH TEMP	MK-U5B-EHHT	MK-6ADD-B6	MK-5710-115	MK-UDD-6ABHT	MK-1700-6
MKP-FULL OPEN	MK-6FO-V1	MK-6FO-S1	MK-5710-115L	MK-6FO-SI	MK-1700-6FO
MKP-G2	MK-1560995	MK-1561380	MK-1560701	MK-1560587	MK-1700-6G2
MKP-ROUGHNECK	MK-RN6-V1	MK-RN6-S6	MK-5710-115L	MK-RN6-I	MK-1700-6FO
MKP-SW FULL OPEN	MK-773-1	MK-873-2	MK-950	MK-973	MK-1700-6SW
MKP-DOUBLE ANGLE	MK-0500119	MK-0520008	MK-05147900	MK-0515845	MK-1700-6BA
MKP-PLATE TYPE	MK-0505038	MK-0520008	MK-05144230	MK-0504890	MK-1700-6BA

Piston Size	Red Thunder Bonded Pistons	Imperial Piston	Imperial Rubber Kits	Rubber Bonded	Long Life (Urethane)
4"	MK-RT-400	MK-I40HK14/15	MK-I40HK	MK-RB-400	MK-LL-400
4½"	MK-RT-440	MK-I44HK14/15	MK-I44HK	MK-RB-440	MK-LL-440
5"	MK-RT-500	MK-I50HB14/15	MK-I50HB	MK-RB-500	MK-LL-500
5½"	MK-RT-540	MK-I54HB14/15	MK-I54HB	MK-RB-540	MK-LL-540
6"	MK-RT-600	MK-I60HB14/15	MK-I60HB	MK-RB-600	MK-LL-600
6½"	MK-RT-640	MK-I64HL14/15	MK-I64HL	MK-RB-640	MK-LL-640
7"	MK-RT-700	MK-I70HL14/15	MK-I70HL	MK-RB-700	MK-LL-700

* ¼ Size are available upon request

RODS					
	PISTON ROD	SUB ROD	EXTENSION ROD	ROD CLAMP	PISTON ROD NUT
PART NO.	MK-0230	N/A	MK-16-0231	MK-24-0230	MK-7403364

MUD PUMP EXPENDABLES

TRIPLEX FLUID END PARTS

IDECO

7½ × 12

T-1300

Liners & Liner Packing		
SIZES	LINER	LINER PACKING
4"	MK-0233-40	MKG-0782
4½"	MK-0233-44	MKG-0782
5"	MK-0233-50	MKG-0782
5½"	MK-0233-54	MKG-0782
6"	MK-0233-60	MKG-0782
6¼"	MK-0233-62	MKG-0782
6½"	MK-0233-64	MKG-0782
6¾"	MK-0233-66	MKG-0782
7"	MK-0233-70	MKG-0782
7½"	MK-0233-74	MKG-0782

Gaskets	
Valve Cover Gasket	Cylinder Head Gasket
MKG-0782	MKG-0782

SERIES	VALVE	SEAT	SPRING	URETHANE INSERT	PULLER HEAD
MKP-4 WEB	MK-U5C-EEF	MK-7DD-B1	MK-5710-115	MK-UDD-7B	MK-1700-7
MKP-4 WEB HIGH TEMP	MK-U5C-EEFHT	MK-7DD-B1	MK-5710-115	MK-UDD-7BHT	MK-1700-7
MKP-FULL OPEN	MK-7FO-V1	MK-7FO-S1	MK-5710-115L	MK-7FO-SI	MK-1700-7FO
MKP-G2	MK-1560985	MK-1561370	MK-1560702	MK-1560557	MK-1700-7G2
MKP-3 WEB	MK-202PZL482A	MK-202PZL039	MK-5710-115	MK-201PZL106	MK-1700-7R
MKP-ROUGHNECK	MK-RN7-V1	MK-RN7-S1	MK-5710-115L	MK-RN7-I	MK-1700-7FO
MKP-SW FULL OPEN	MK-777-7	MK-877-7	MK-951	MK-977	MK-1700-7SW
MKP-DOUBLE ANGLE	MK-0500110	MK-0509309	MK-05147900	MK-0514275	MK-1700-7BA

Piston Size	Red Thunder Bonded Pistons	Imperial Piston	Imperial Rubber Kits	Rubber Bonded	Long Life (Urethane)
4"	MK-RT-400	MK-I40HK14/15	MK-I40HK	MK-RB-400	MK-LL-400
4½"	MK-RT-440	MK-I44HK14/15	MK-I44HK	MK-RB-440	MK-LL-440
5"	MK-RT-500	MK-I50HB14/15	MK-I50HB	MK-RB-500	MK-LL-500
5½"	MK-RT-540	MK-I54HB14/15	MK-I54HB	MK-RB-540	MK-LL-540
6"	MK-RT-600	MK-I60HB14/15	MK-I60HB	MK-RB-600	MK-LL-600
6½"	MK-RT-640	MK-I64HL14/15	MK-I64HL	MK-RB-640	MK-LL-640
7"	MK-RT-700	MK-I70HL14/15	MK-I70HL	MK-RB-700	MK-LL-700
7½"	N/A	MK-I74HL14/15	MK-I74HL	MK-RB-740	MK-LL-740

* ¼ Size are available upon request

RODS					
	PISTON ROD	SUB ROD	EXTENSION ROD	ROD CLAMP	PISTON ROD NUT
PART NO.	MK-0233	N/A	MK-16-0233	MK-24-0233	MK-7403364

MUD PUMP EXPENDABLES

TRIPLEX FLUID END PARTS

IDECO

7½ × 12

T-1600

Liners & Liner Packing		
SIZES	LINER	LINER PACKING
4"	MK-0233-40	MKG-0782
4½"	MK-0233-44	MKG-0782
5"	MK-0233-50	MKG-0782
5½"	MK-0233-54	MKG-0782
6"	MK-0233-60	MKG-0782
6¼"	MK-0233-62	MKG-0782
6½"	MK-0233-64	MKG-0782
6¾"	MK-0233-66	MKG-0782
7"	MK-0233-70	MKG-0782
7½"	MK-0233-74	MKG-0782

Gaskets	
Valve Cover Gasket	Cylinder Head Gasket
MKG-0782	MKG-0782

SERIES	VALVES	SEAT	SPRING	URETHANE INSERT	PULLER HEAD
MKP-4 WEB	MK-U5C-EEF	MK-7DD-B1	MK-5710-115	MK-UDD-7B	MK-1700-7
MKP-4 WEB HIGH TEMP	MK-U5C-EEFHT	MK-7DD-B1	MK-5710-115	MK-UDD-7BHT	MK-1700-7
MKP-FULL OPEN	MK-7FO-V1	MK-7FO-S1	MK-5710-115L	MK-7FO-SI	MK-1700-7FO
MKP-G2	MK-1560985	MK-1561370	MK-1560702	MK-1560557	MK-1700-7G2
MKP-3 WEB	MK-202PZL482A	MK-202PZL039	MK-5710-115	MK-201PZL106	MK-1700-7R
MKP-ROUGHNECK	MK-RN7-V1	MK-RN7-S1	MK-5710-115L	MK-RN7-I	MK-1700-7FO
MKP-SW FULL OPEN	MK-777-7	MK-877-7	MK-951	MK-977	MK-1700-7SW
MKP-DOUBLE ANGLE	MK-0500110	MK-0509309	MK-05147900	MK-0514275	MK-1700-7BA
MKP-PLATE TYPE	MK-0505062	MK-0509309	MK-05144230	MK-0504893	MK-1700-7BA

Piston Size	Red Thunder Bonded Pistons	Imperial Piston	Imperial Rubber Kits	Rubber Bonded	Long Life (Urethane)
4"	MK-RT-400	MK-I40HK14/15	MK-I40HK	MK-RB-400	MK-LL-400
4½"	MK-RT-440	MK-I44HK14/15	MK-I44HK	MK-RB-440	MK-LL-440
5"	MK-RT-500	MK-I50HB14/15	MK-I50HB	MK-RB-500	MK-LL-500
5½"	MK-RT-540	MK-I54HB14/15	MK-I54HB	MK-RB-540	MK-LL-540
6"	MK-RT-600	MK-I60HB14/15	MK-I60HB	MK-RB-600	MK-LL-600
6½"	MK-RT-640	MK-I64HL14/15	MK-I64HL	MK-RB-640	MK-LL-640
7"	MK-RT-700	MK-I70HL14/15	MK-I70HL	MK-RB-700	MK-LL-700
7½"	N/A	MK-I74HL14/15	MK-I74HL	MK-RB-740	MK-LL-740

* ¼ Size are available upon request

RODS					
	PISTON ROD	SUB ROD	EXTENSION ROD	ROD CLAMP	PISTON ROD NUT
PART NO.	MK-0233	N/A	MK-16-0233	MK-24-0233	MK-7403364

MUD PUMP EXPENDABLES

TRIPLEX FLUID END PARTS

OILWELL

7 × 8

A-560-PT

Liners & Liner Packing		
SIZES	LINER	LINER PACKING
4"	MK-0287-40	MKG-0753
4½"	MK-0287-44	MKG-0754
5"	MK-0287-50	MKG-0742
5½"	MK-0287-54	MKG-0743
6"	MK-0287-60	MKG-0745
6¼"	MK-0287-62	MKG-0770
6½"	MK-0287-64	MKG-0746
6¾"	MK-0287-66	MKG-0755
7"	MK-0287-70	MKG-0756

Gaskets	
Valve Cover Gasket	Cylinder Head Gasket
MKG-0732	N/A

SERIES	VALVE	SEAT	SPRING	URETHANE INSERT	PULLER HEAD
MKP-4 WEB	MK-U5B-EH	MK-6ADD-B6	MK-5710-115	MK-UDD-6AB	MK-1700-6
MKP-4 WEB HIGH TEMP	MK-U5B-EHHT	MK-6ADD-B6	MK-5710-115	MK-UDD-6ABHT	MK-1700-6
MKP-FULL OPEN	MK-6FO-V1	MK-6FO-S1	MK-5710-115L	MK-6FO-SI	MK-1700-6FO
MKP-G2	MK-1560995	MK-1561380	MK-1560701	MK-1560587	MK-1700-6G2
MKP-ROUGHNECK	MK-RN6-V1	MK-RN6-S6	MK-5710-115L	MK-RN6-I	MK-1700-6FO

Piston Size	Red Thunder Bonded Pistons	Imperial Piston	Imperial Rubber Kits	Rubber Bonded	Long Life (Urethane)
4"	MK-RT-400	MK-140HK14/15	MK-140HK	MK-RB-400	MK-LL-400
4½"	MK-RT-440	MK-144HK14/15	MK-144HK	MK-RB-440	MK-LL-440
5"	MK-RT-500	MK-150HB14/15	MK-150HB	MK-RB-500	MK-LL-500
5½"	MK-RT-540	MK-154HB14/15	MK-154HB	MK-RB-540	MK-LL-540
6"	MK-RT-600	MK-160HB14/15	MK-160HB	MK-RB-600	MK-LL-600
6½"	MK-RT-640	MK-164HL14/15	MK-164HL	MK-RB-640	MK-LL-640
7"	MK-RT-700	MK-170HL14/15	MK-170HL	MK-RB-700	MK-LL-700

* ¼ Size are available upon request

RODS						
	PISTON ROD	SUB ROD	CONNECTING ROD	EXTENSION ROD	ROD CLAMP	PISTON ROD NUT
PART NO.	MK-0283-C	MK-0283-A	MK-0283-D	MK-16-0283	MK-24-0283	MK-7403364

MUD PUMP EXPENDABLES

TRIPLEX FLUID END PARTS

OILWELL

7 × 8

A-350/600-PT

Liners & Liner Packing		
SIZES	LINER	LINER PACKING
4"	MK-0287-40	MKG-0753
4½"	MK-0287-44	MKG-0754
5"	MK-0287-50	MKG-0742
5½"	MK-0287-54	MKG-0743
6"	MK-0287-60	MKG-0745
6¼"	MK-0287-62	MKG-0770
6½"	MK-0287-64	MKG-0746
6¾"	MK-0287-66	MKG-0755
7"	MK-0287-70	MKG-0756

Gaskets	
Valve Cover Gasket	Cylinder Head Gasket
MKG-0732	N/A

SERIES	VALVE	SEAT	SPRING	URETHANE INSERT	PULLER HEAD
MKP-4 WEB	MK-U5B-EH	MK-6ADD-B6	MK-5710-111	MK-UDD-6AB	MK-1700-6
MKP-4 WEB HIGH TEMP	MK-U5B-EHHT	MK-6ADD-B6	MK-5710-111	MK-UDD-6ABHT	MK-1700-6
MKP-FULL OPEN	MK-6FO-V1	MK-6FO-S1	MK-5710-115	MK-6FO-SI	MK-1700-6FO
MKP-G2	MK-1560995	MK-1561380	MK-1560701	MK-1560587	MK-1700-6G2
MKP-ROUGHNECK	MK-RN6-V1	MK-RN6-S6	MK-5710-111	MK-RN6-I	MK-1700-6FO

Piston Size	Red Thunder Bonded Pistons	Imperial Piston	Imperial Rubber Kits	Rubber Bonded	Long Life (Urethane)
4"	MK-RT-400	MK-I40HK14/15	MK-I40HK	MK-RB-400	MK-LL-400
4½"	MK-RT-440	MK-I44HK14/15	MK-I44HK	MK-RB-440	MK-LL-440
5"	MK-RT-500	MK-I50HB14/15	MK-I50HB	MK-RB-500	MK-LL-500
5½"	MK-RT-540	MK-I54HB14/15	MK-I54HB	MK-RB-540	MK-LL-540
6"	MK-RT-600	MK-I60HB14/15	MK-I60HB	MK-RB-600	MK-LL-600
6½"	MK-RT-640	MK-I64HL14/15	MK-I64HL	MK-RB-640	MK-LL-640
7"	MK-RT-700	MK-I70HL14/15	MK-I70HL	MK-RB-700	MK-LL-700

* ¼ Size are available upon request

RODS						
PART NO.	PISTON ROD	SUB ROD	CONNECTING ROD	EXTENSION ROD	ROD CLAMP	PISTON ROD NUT
	MK-0283-C	MK-0283-B	MK-0283-D	MK-16-0282	MK-24-0284	MK-7403364

MUD PUMP EXPENDABLES

TRIPLEX FLUID END PARTS

OILWELL

7½ × 9

A-850-PT

Liners & Liner Packing		
SIZES	LINER	LINER PACKING
4"	MK-0289-40	MKG-0753
4½"	MK-0289-44	MKG-0754
5"	MK-0289-50	MKG-0742
5½"	MK-0289-54	MKG-0743
6"	MK-0289-60	MKG-0745
6¼"	MK-0289-62	MKG-0770
6½"	MK-0289-64	MKG-0746
6¾"	MK-0289-66	MKG-0755
7"	MK-0289-70	MKG-0756
7¼"	MK-0289-72	MKG-0757
7½"	MK-0289-74	MKG-0758

Gaskets	
Valve Cover Gasket	Cylinder Head Gasket
MKG-0760	N/A

*Also available in small OD, MK-0285-XX

SERIES	VALVE	SEAT	SPRING	URETHANE INSERT	PULLER HEAD
MKP-4 WEB	MK-U5C-EEF	MK-7DD-B1	MK-5710-110	MK-UDD-7B	MK-1700-7
MKP-4 WEB HIGH TEMP	MK-U5C-EEFHT	MK-7DD-B1	MK-5710-110	MK-UDD-7BHT	MK-1700-7
MKP-FULL OPEN	MK-7FO-V1	MK-7FO-S1	MK-5710-115L	MK-7FO-SI	MK-1700-7FO
MKP-G2	MK-1560985	MK-1561370	MK-1560702	MK-1560557	MK-1700-7G2
MKP-3 WEB	MK-202PZL482A	MK-202PZL039	MK-5710-110	MK-201PZL106	MK-1700-7R
MKP-ROUGHNECK	MK-RN7-V1	MK-RN7-S1	MK-5710-110L	MK-RN7-I	MK-1700-7FO
MKP-SW FULL OPEN	MK-777-7	MK-877-7	MK-951	MK-977	MK-1700-7SW
MKP-DOUBLE ANGLE	MK-0500110	MK-0509309	MK-05147900	MK-0514275	MK-1700-7BA
MKP-PLATE TYPE	MK-0505062	MK-0509309	MK-05144230	MK-0504893	MK-1700-7BA

Piston Size	Red Thunder Bonded Pistons	Imperial Piston	Imperial Rubber Kits	Rubber Bonded	Long Life (Urethane)
4"	MK-RT-400	MK-I40HK14/15	MK-I40HK	MK-RB-400	MK-LL-400
4½"	MK-RT-440	MK-I44HK14/15	MK-I44HK	MK-RB-440	MK-LL-440
5"	MK-RT-500	MK-I50HB14/15	MK-I50HB	MK-RB-500	MK-LL-500
5½"	MK-RT-540	MK-I54HB14/15	MK-I54HB	MK-RB-540	MK-LL-540
6"	MK-RT-600	MK-I60HB14/15	MK-I60HB	MK-RB-600	MK-LL-600
6½"	MK-RT-640	MK-I64HL14/15	MK-I64HL	MK-RB-640	MK-LL-640
7"	MK-RT-700	MK-I70HL14/15	MK-I70HL	MK-RB-700	MK-LL-700
7½"	N/A	MK-I74HL14/15	MK-I74HL	N/A	N/A

* ¼ Size are available upon request

RODS						
	PISTON ROD	SUB ROD	CONNECTING ROD	EXTENSION ROD	ROD CLAMP	PISTON ROD NUT
PART NO.	MK-0283-C	MK-0283-A	MK-0283-D	MK-16-0284	MK-24-0284	MK-7403364

MUD PUMP EXPENDABLES

TRIPLEX FLUID END PARTS

OILWELL

7½ × 10

A-1100-PT

Liners & Liner Packing		
SIZES	LINER	LINER PACKING
4"	MK-0289-40	MKG-0753
4½"	MK-0289-44	MKG-0754
5"	MK-0289-50	MKG-0742
5½"	MK-0289-54	MKG-0743
6"	MK-0289-60	MKG-0745
6¼"	MK-0289-62	MKG-0770
6½"	MK-0289-64	MKG-0746
6¾"	MK-0289-66	MKG-0755
7"	MK-0289-70	MKG-0756
7¼"	MK-0289-72	MKG-0757
7½"	MK-0289-74	MKG-0758

Gaskets	
Valve Cover Gasket	Cylinder Head Gasket
MKG-0760	N/A

*Also available in small OD, MK-0285-XX

SERIES	VALVE	SEAT	SPRING	URETHANE INSERT	PULLER HEAD
MKP-4 WEB	MK-U5C-EEF	MK-7DD-B1	MK-5710-110	MK-UDD-7B	MK-1700-7
MKP-4 WEB HIGH TEMP	MK-U5C-EEFHT	MK-7DD-B1	MK-5710-110	MK-UDD-7BHT	MK-1700-7
MKP-FULL OPEN	MK-7FO-V1	MK-7FO-S1	MK-5710-115L	MK-7FO-SI	MK-1700-7FO
MKP-G2	MK-1560985	MK-1561370	MK-1560702	MK-1560557	MK-1700-7G2
MKP-3 WEB	MK-202PZL482A	MK-202PZL039	MK-5710-110	MK-201PZL106	MK-1700-7R
MKP-ROUGHNECK	MK-RN7-V1	MK-RN7-S1	MK-5710-110L	MK-RN7-I	MK-1700-7FO
MKP-SW FULL OPEN	MK-777-7	MK-877-7	MK-951	MK-977	MK-1700-7SW
MKP-DOUBLE ANGLE	MK-0500110	MK-0509309	MK-05147900	MK-0514275	MK-1700-7BA
MKP-PLATE TYPE	MK-0505062	MK-0509309	MK-05144230	MK-0504893	MK-1700-7BA

Piston Size	Red Thunder Bonded Pistons	Imperial Piston	Imperial Rubber Kits	Rubber Bonded	Long Life (Urethane)
4"	MK-RT-400	MK-I40HK14/15	MK-I40HK	MK-RB-400	MK-LL-400
4½"	MK-RT-440	MK-I44HK14/15	MK-I44HK	MK-RB-440	MK-LL-440
5"	MK-RT-500	MK-I50HB14/15	MK-I50HB	MK-RB-500	MK-LL-500
5½"	MK-RT-540	MK-I54HB14/15	MK-I54HB	MK-RB-540	MK-LL-540
6"	MK-RT-600	MK-I60HB14/15	MK-I60HB	MK-RB-600	MK-LL-600
6½"	MK-RT-640	MK-I64HL14/15	MK-I64HL	MK-RB-640	MK-LL-640
7"	MK-RT-700	MK-I70HL14/15	MK-I70HL	MK-RB-700	MK-LL-700
7½"	N/A	MK-I74HL14/15	MK-I74HL	N/A	N/A

* ¼ Size are available upon request

RODS						
	PISTON ROD	SUB ROD	CONNECTING ROD	EXTENSION ROD	ROD CLAMP	PISTON ROD NUT
PART NO.	MK-0283-C	MK-0283-A	MK-0283-D	MK-16-0284	MK-24-0284	MK-7403364

MUD PUMP EXPENDABLES

TRIPLEX FLUID END PARTS

OILWELL

7½ × 10

A-1400-PT

Liners & Liner Packing		
SIZES	LINER	LINER PACKING
4"	MK-0284-40	MKG-0753
4½"	MK-0284-44	MKG-0754
5"	MK-0284-50	MKG-0742
5½"	MK-0284-54	MKG-0743
6"	MK-0284-60	MKG-0745
6¼"	MK-0284-62	MKG-0770
6½"	MK-0284-64	MKG-0746
6¾"	MK-0284-66	MKG-0755
7"	MK-0284-70	MKG-0756
7¼"	MK-0284-72	MKG-0757
7½"	MK-0284-74	MKG-0758

Gaskets	
Valve Cover Gasket	Cylinder Head Gasket
MKG-0760	N/A

*Also available in small OD, MK-0283-XX

SERIES	VALVE	SEAT	SPRING	URETHANE INSERT	PULLER HEAD
MKP-4 WEB	MK-U5C-EEF	MK-7DD-B1	MK-5710-110	MK-UDD-7B	MK-1700-7
MKP-4 WEB HIGH TEMP	MK-U5C-EEFHT	MK-7DD-B1	MK-5710-110	MK-UDD-7BHT	MK-1700-7
MKP-FULL OPEN	MK-7FO-V1	MK-7FO-S1	MK-5710-115L	MK-7FO-SI	MK-1700-7FO
MKP-G2	MK-1560985	MK-1561370	MK-1560702	MK-1560557	MK-1700-7G2
MKP-3 WEB	MK-202PZL482A	MK-202PZL039	MK-5710-110	MK-201PZL106	MK-1700-7R
MKP-ROUGHNECK	MK-RN7-V1	MK-RN7-S1	MK-5710-110L	MK-RN7-I	MK-1700-7FO
MKP-SW FULL OPEN	MK-777-7	MK-877-7	MK-951	MK-977	MK-1700-7SW
MKP-DOUBLE ANGLE	MK-0500110	MK-0509309	MK-05147900	MK-0514275	MK-1700-7BA
MKP-PLATE TYPE	MK-0505062	MK-0509309	MK-05144230	MK-0504893	MK-1700-7BA

Piston Size	Red Thunder Bonded Pistons	Imperial Piston	Imperial Rubber Kits	Rubber Bonded	Long Life (Urethane)
4"	MK-RT-400	MK-I40HK14/15	MK-I40HK	MK-RB-400	MK-LL-400
4½"	MK-RT-440	MK-I44HK14/15	MK-I44HK	MK-RB-440	MK-LL-440
5"	MK-RT-500	MK-I50HB14/15	MK-I50HB	MK-RB-500	MK-LL-500
5½"	MK-RT-540	MK-I54HB14/15	MK-I54HB	MK-RB-540	MK-LL-540
6"	MK-RT-600	MK-I60HB14/15	MK-I60HB	MK-RB-600	MK-LL-600
6½"	MK-RT-640	MK-I64HL14/15	MK-I64HL	MK-RB-640	MK-LL-640
7"	MK-RT-700	MK-I70HL14/15	MK-I70HL	MK-RB-700	MK-LL-700
7½"	N/A	MK-I74HL14/15	MK-I74HL	N/A	N/A

* ¼ Size are available upon request

RODS						
	PISTON ROD	SUB ROD	CONNECTING ROD	EXTENSION ROD	ROD CLAMP	PISTON ROD NUT
PART NO.	MK-0283-C	MK-0283-A	MK-0283-D	MK-16-0284	MK-24-0284	MK-7403364

MUD PUMP EXPENDABLES

TRIPLEX FLUID END PARTS

OILWELL

7½ × 12

A-1700-PT

Liners & Liner Packing		
SIZES	LINER	LINER PACKING
4"	MK-0284-40	MKG-0753
4½"	MK-0284-44	MKG-0754
5"	MK-0284-50	MKG-0742
5½"	MK-0284-54	MKG-0743
6"	MK-0284-60	MKG-0745
6¼"	MK-0284-62	MKG-0770
6½"	MK-0284-64	MKG-0746
6¾"	MK-0284-66	MKG-0755
7"	MK-0284-70	MKG-0756
7¼"	MK-0284-72	MKG-0757
7½"	MK-0284-74	MKG-0758

Gaskets	
Valve Cover Gasket	Cylinder Head Gasket
MKG-0760	N/A

*Also available in small OD, MK-0283-XX

SERIES	VALVE	SEAT	SPRING	URETHANE INSERT	PULLER HEAD
MKP-4 WEB	MK-U5C-EEF	MK-7DD-B1	MK-5710-110	MK-UDD-7B	MK-1700-7
MKP-4 WEB HIGH TEMP	MK-U5C-EEFHT	MK-7DD-B1	MK-5710-110	MK-UDD-7BHT	MK-1700-7
MKP-FULL OPEN	MK-7FO-V1	MK-7FO-S1	MK-5710-115L	MK-7FO-SI	MK-1700-7FO
MKP-G2	MK-1560985	MK-1561370	MK-1560702	MK-1560557	MK-1700-7G2
MKP-3 WEB	MK-202PZL482A	MK-202PZL039	MK-5710-110	MK-201PZL106	MK-1700-7R
MKP-ROUGHNECK	MK-RN7-V1	MK-RN7-S1	MK-5710-110L	MK-RN7-I	MK-1700-7FO
MKP-SW FULL OPEN	MK-777-7	MK-877-7	MK-951	MK-977	MK-1700-7SW
MKP-DOUBLE ANGLE	MK-0500110	MK-0509309	MK-05147900	MK-0514275	MK-1700-7BA
MKP-PLATE TYPE	MK-0505062	MK-0509309	MK-05144230	MK-0504893	MK-1700-7BA

Piston Size	Red Thunder Bonded Pistons	Imperial Piston	Imperial Rubber Kits	Rubber Bonded	Long Life (Urethane)
4"	MK-RT-400	MK-I40HK14/15	MK-I40HK	MK-RB-400	MK-LL-400
4½"	MK-RT-440	MK-I44HK14/15	MK-I44HK	MK-RB-440	MK-LL-440
5"	MK-RT-500	MK-I50HB14/15	MK-I50HB	MK-RB-500	MK-LL-500
5½"	MK-RT-540	MK-I54HB14/15	MK-I54HB	MK-RB-540	MK-LL-540
6"	MK-RT-600	MK-I60HB14/15	MK-I60HB	MK-RB-600	MK-LL-600
6½"	MK-RT-640	MK-I64HL14/15	MK-I64HL	MK-RB-640	MK-LL-640
7"	MK-RT-700	MK-I70HL14/15	MK-I70HL	MK-RB-700	MK-LL-700
7½"	N/A	MK-I74HL14/15	MK-I74HL	N/A	N/A

* ¼ Size are available upon request

RODS						
	PISTON ROD	SUB ROD	CONNECTING ROD	EXTENSION ROD	ROD CLAMP	PISTON ROD NUT
PART NO.	MK-0283-C	MK-0283-A	MK-0283-D	MK-16-0284	MK-24-0284	MK-7403364

MUD PUMP EXPENDABLES

TRIPLEX FLUID END PARTS

NATIONAL

4½ × 5

JWS165/340

Liners & Liner Packing		
SIZES	LINER	LINER PACKING
3"	MK-0240-30	MK-1712064
3½"	MK-0240-34	MK-1712064
4"	MK-0240-40	MK-1712064
4½"	MK-0240-44	MK-1712064

Gaskets	
JWS165	MK-2410031-429
JWS340	MK-1718265

SERIES	MKP – G2	MKP – G2
	SUCTION	DISCHARGE
VALVE (Urethane Insert)	MK-1561575	MK-1561575
VALVE (Rubber Insert)	N/A	N/A
VALVE SEAT	MK-1561571	MK-1561572
VALVE SPRING	MK-1712211	MK-1712206
VALVE INSERT (Urethane)	MK-1561577	MK-1561577
VALVE INSERT (Red Thunder)	N/A	N/A
VALVE INSERT (Rubber)	N/A	N/A
VALVE SEAT PULLER HEAD	N/A	N/A

Piston Size	Red Thunder Bonded Pistons	Imperial Piston	Imperial Rubber Kits	Rubber Bonded	Long Life (Urethane)
3"	N/A	MK-I30HA10	MK-I30HA	N/A	N/A
3½"	N/A	MK-I34HK10	MK-I34HK	N/A	N/A
4"	MK-RT-400-10	MK-I40HK10	MK-I40HB	MK-RB-400-10	MK-LL-400-10
4½"	MK-RT-440-10	MK-I44HK10	MK-I44HK	MK-RB-440-10	MK-LL-440-10

* ¼ Size are available upon request

RODS					
	PISTON ROD	SUB ROD	EXTENSION ROD	ROD CLAMP	PISTON ROD NUT
ONE PIECE	MK-0238		MK-16-0238	MK-24-0238	MK-7403224

MUD PUMP EXPENDABLES

TRIPLEX FLUID END PARTS

NATIONAL

5½ × 7

JWS400

Liners & Liner Packing		
SIZES	LINER	LINER PACKING
4"	MK-0237-40	MKG-0272
4½"	MK-0237-44	MKG-0274
5"	MK-0237-50	MKG-0276
5½"	MK-0237-54	MKG-0278

Gaskets	
Valve Cover Gasket	Cylinder Head Gasket
MK-1715146	N/A

SERIES	MKP – G2	MKP – G2
	SUCTION	DISCHARGE
VALVE (Urethane Insert)	MK-1561575	MK-1561575
VALVE (Rubber Insert)	N/A	N/A
VALVE SEAT	MK-1561561	MK-1561569
VALVE SPRING	MK-1560698	MK-1717296
VALVE INSERT (Urethane)	MK-1561577	MK-1561577
VALVE INSERT (Red Thunder)	N/A	N/A
VALVE INSERT (Rubber)	N/A	N/A
VALVE SEAT PULLER HEAD	N/A	N/A

Piston Size	Red Thunder Bonded Pistons	Imperial Piston	Imperial Rubber Kits	Rubber Bonded	Long Life (Urethane)
4"	MK-RT-400-10	MK-I40HK10	MK-I40HK	MK-RB-400-10	MK-LL-400-10
4½"	MK-RT-440-10	MK-I44HK10	MK-I44HK	MK-RB-440-10	MK-LL-440-10
5"	MK-RT-500-10	MK-I50HB10	MK-I50HB	MK-RB-500-10	MK-LL-500-10
5½"	MK-RT-540-10	MK-I54HB10	MK-I54HB	MK-RB-540-10	MK-LL-540-10

* ¼ Size are available upon request

RODS					
	PISTON ROD	SUB ROD	EXTENSION ROD	ROD CLAMP	PISTON ROD NUT
PART NO.	MK-2239-A	MK-2239-B	MK-16-2239	MK-24-2239	MK-7403224

MUD PUMP EXPENDABLES

TRIPLEX FLUID END PARTS

NATIONAL

6¼ × 7¾

7-P-50

Liners & Liner Packing		
SIZES	LINER	LINER PACKING
4"	MK-0257-40	MKG-0272
4½"	MK-0257-44	MKG-0274
5"	MK-0257-50	MKG-0276
5½"	MK-0257-54	MKG-0278
6"	MK-0257-60	MKG-0280
6¼"	MK-0257-62	MKG-0268

Gaskets	
Valve Cover Gasket	Cylinder Head Gasket
MK-61-0253	N/A

SERIES	VALVE	SEAT	SPRING	URETHANE INSERT	PULLER HEAD
MKP-4 WEB	MK-U5B-05	MK-5DD-B3	MK-5710-111	MK-UDD-5B	MK-1700-5
MKP-FULL OPEN	MK-5DFO-V1	MK-5DFO-S3	MK-5710-030	MK-5DFO-SI	MK-1700-5FO
MKP-DOUBLE ANGLE	MK-0500117	MK-0515745	MK-05147900	MK-0515844	MK-1700-5BA
MKP-PLATE TYPE	MK-0504991	MK-0515745	MK-05144230	MK-0504888	MK-1700-5BA

Piston Size	Red Thunder Bonded Pistons	Imperial Piston	Imperial Rubber Kits	Rubber Bonded	Long Life (Urethane)
4"	MK-RT-400	MK-I40HK14/15	MK-I40HK	MK-RB-400	MK-LL-400
4½"	MK-RT-440	MK-I44HK14/15	MK-I44HK	MK-RB-440	MK-LL-440
5"	MK-RT-500	MK-I50HB14/15	MK-I50HB	MK-RB-500	MK-LL-500
5½"	MK-RT-540	MK-I54HB14/15	MK-I54HB	MK-RB-540	MK-LL-540
6"	MK-RT-600	MK-I60HB14/15	MK-I60HB	MK-RB-600	MK-LL-600

* ¼ Size are available upon request

RODS					
	PISTON ROD	SUB ROD	EXTENSION ROD	ROD CLAMP	PISTON ROD NUT
PART NO.	MK-0257-A	MK-0257-B	MK-16-0257	MK-24-0257	MK-7403364

MUD PUMP EXPENDABLES

TRIPLEX FLUID END PARTS

NATIONAL

6½ × 8½

8-P-80

Liners & Liner Packing		
SIZES	LINER	LINER PACKING
4"	MK-0256-40	MKG-0272
4½"	MK-0256-44	MKG-0274
5"	MK-0256-50	MKG-0276
5½"	MK-0256-54	MKG-0278
6"	MK-0256-60	MKG-0280
6¼"	MK-0256-62	MKG-0268
6½"	MK-0256-64	MKG-0268

Gaskets	
Valve Cover Gasket	Cylinder Head Gasket
MK-61-0255	N/A

SERIES	VALVE	SEAT	SPRING	URETHANE INSERT	PULLER HEAD
MKP-4 WEB	MK-U5B-EH	MK-6ADD-B4	MK-5710-115	MK-UDD-6AB	MK-1700-6
MKP-4 WEB HIGH TEMP	MK-U5B-EHHT	MK-6ADD-B4	MK-5710-115	MK-UDD-6ABHT	MK-1700-6
MKP-FULL OPEN	MK-6FO-V1	MK-6FO-S4	MK-5710-115	MK-6FO-SI	MK-1700-6FO
MKP-G2	MK-1560995	MK-1561450	MK-1560701	MK-1560587	MK-1700-6G2
MKP-ROUGHNECK	MK-RN6-V1	MK-RN6-S4	MK-5710-115L	MK-RN6-I	MK-1700-6FO
MKP-SW FULL OPEN	MK-773-1	MK-873-1	MK-951	MK-973	MK-1700-6SW
MKP-DOUBLE ANGLE	MK-0500119	MK-0512436	MK-05147900	MK-0515845	MK-1700-6BA
MKP-PLATE TYPE	MK-0505038	MK-0512436	MK-05155760	MK-0504890	MK-1700-6BA

Piston Size	Red Thunder Bonded Pistons	Imperial Piston	Imperial Rubber Kits	Rubber Bonded	Long Life (Urethane)
4"	MK-RT-400	MK-I40HK14/15	MK-I40HK	MK-RB-400	MK-LL-400
4½"	MK-RT-440	MK-I44HK14/15	MK-I44HK	MK-RB-440	MK-LL-440
5"	MK-RT-500	MK-I50HB14/15	MK-I50HB	MK-RB-500	MK-LL-500
5½"	MK-RT-540	MK-I54HB14/15	MK-I54HB	MK-RB-540	MK-LL-540
6"	MK-RT-600	MK-I60HB14/15	MK-I60HB	MK-RB-600	MK-LL-600
6½"	MK-RT-640	MK-I64HB14/15	MK-I64HB	MK-RB-640	MK-LL-640

* ¼ Size are available upon request

RODS					
	PISTON ROD	SUB ROD	EXTENSION ROD	ROD CLAMP	PISTON ROD NUT
PART NO.	MK-0259-A	MK-0259-B	MK-16-0259	MK-24-0259	MK-7403364

MUD PUMP EXPENDABLES

TRIPLEX FLUID END PARTS

NATIONAL

6¾ × 9¼

9-P-100

Liners & Liner Packing		
SIZES	LINER	LINER PACKING
	PART NO.	PART NO.
4"	N/A	N/A
4½"	MK-0255-44	MKG-0274
5"	MK-0255-50	MKG-0265
5½"	MK-0255-54	MKG-0263
6"	MK-0255-60	MKG-0261
6¼"	MK-0255-62	MKG-0283
6½"	MK-0255-64	MKG-0768
6¾"	MK-0255-66	MKG-0768

Gaskets	
Valve Cover Gasket	Cylinder Head Gasket
PART NO.	PART NO.
MK-61-0255	N/A

SERIES	VALVE	SEAT	SPRING	URETHANE INSERT	PULLER HEAD
MKP-4 WEB	MK-U5B-EH	MK-6ADD-B4	MK-5710-115	MK-UDD-6AB	MK-1700-6
MKP-4 WEB HIGH TEMP	MK-U5B-EHHT	MK-6ADD-B4	MK-5710-115	MK-UDD-6ABHT	MK-1700-6
MKP-FULL OPEN	MK-6FO-V1	MK-6FO-S4	MK-5710-115	MK-6FO-SI	MK-1700-6FO
MKP-G2	MK-1560995	MK-1561450	MK-1560701	MK-1560587	MK-1700-6G2
MKP-ROUGHNECK	MK-RN6-V1	MK-RN6-S4	MK-5710-115L	MK-RN6-I	MK-1700-6FO
MKP-SW FULL OPEN	MK-773-1	MK-873-1	MK-951	MK-973	MK-1700-6SW
MKP-DOUBLE ANGLE	MK-0500119	MK-0512436	MK-05147900	MK-0515845	MK-1700-6BA
MKP-PLATE TYPE	MK-0505038	MK-0512436	MK-05155760	MK-0504890	MK-1700-6BA

Piston Size	Red Thunder Bonded Pistons	Imperial Piston	Imperial Rubber Kits	Rubber Bonded	Long Life (Urethane)
4"	MK-RT-400	MK-I40HK14/15	MK-I40HK	MK-RB-400	MK-LL-400
4½"	MK-RT-440	MK-I44HK14/15	MK-I44HK	MK-RB-440	MK-LL-440
5"	MK-RT-500	MK-I50HB14/15	MK-I50HB	MK-RB-500	MK-LL-500
5½"	MK-RT-540	MK-I54HB14/15	MK-I54HB	MK-RB-540	MK-LL-540
6"	MK-RT-600	MK-I60HB14/15	MK-I60HB	MK-RB-600	MK-LL-600
6½"	MK-RT-640	MK-I64HL14/15	MK-I64HL	MK-RB-640	MK-LL-640

* ¼ Size are available upon request

RODS					
	PISTON ROD	SUB ROD	EXTENSION ROD	ROD CLAMP	PISTON ROD NUT
PART NO.	MK-0260-A	MK-0260-B	MK-16-0260	MK-24-0260	MK-7403364

MUD PUMP EXPENDABLES

TRIPLEX FLUID END PARTS

NATIONAL

6¾ × 10

10-P-130

Liners & Liner Packing		
SIZES	LINER	LINER PACKING
4"	N/A	N/A
4½"	MK-0255-44	MKG-0274
5"	MK-0255-50	MKG-0265
5½"	MK-0255-54	MKG-0263
6"	MK-0255-60	MKG-0261
6¼"	MK-0255-62	MKG-0283
6½"	MK-0255-64	MKG-0768
6¾"	MK-0255-66	MKG-0768

Gaskets	
Valve Cover Gasket	Cylinder Head Gasket
MK-61-0255	N/A

SERIES	VALVE	SEAT	SPRING	URETHANE INSERT	PULLER HEAD
MKP-4 WEB	MK-U5B-EH	MK-6ADD-B4	MK-5710-115	MK-UDD-6AB	MK-1700-6
MKP-4 WEB HIGH TEMP	MK-U5B-EHHT	MK-6ADD-B4	MK-5710-115	MK-UDD-6ABHT	MK-1700-6
MKP-FULL OPEN	MK-6FO-V1	MK-6FO-S4	MK-5710-115	MK-6FO-SI	MK-1700-6FO
MKP-G2	MK-1560995	MK-1561450	MK-1560701	MK-1560587	MK-1700-6G2
MKP-ROUGHNECK	MK-RN6-V1	MK-RN6-S4	MK-5710-115L	MK-RN6-I	MK-1700-6FO
MKP-SW FULL OPEN	MK-773-1	MK-873-1	MK-951	MK-973	MK-1700-6SW
MKP-DOUBLE ANGLE	MK-0500119	MK-0512436	MK-05147900	MK-0515845	MK-1700-6BA
MKP-PLATE TYPE	MK-0505038	MK-0512436	MK-05155760	MK-0504890	MK-1700-6BA

Piston Size	Red Thunder Bonded Pistons	Imperial Piston	Imperial Rubber Kits	Rubber Bonded	Long Life (Urethane)
4"	MK-RT-400	MK-I40HK14/15	MK-I40HK	MK-RB-400	MK-LL-400
4½"	MK-RT-440	MK-I44HK14/15	MK-I44HK	MK-RB-440	MK-LL-440
5"	MK-RT-500	MK-I50HB14/15	MK-I50HB	MK-RB-500	MK-LL-500
5½"	MK-RT-540	MK-I54HB14/15	MK-I54HB	MK-RB-540	MK-LL-540
6"	MK-RT-600	MK-I60HB14/15	MK-I60HB	MK-RB-600	MK-LL-600
6½"	MK-RT-640	MK-I64HL14/15	MK-I64HL	MK-RB-640	MK-LL-640

* ¼ Size are available upon request

RODS					
	PISTON ROD	SUB ROD	EXTENSION ROD	ROD CLAMP	PISTON ROD NUT
PART NUMBER	MK-0256-A	MK-0256-B	MK-16-0256	MK-24-0256	MK-7403364

MUD PUMP EXPENDABLES

TRIPLEX FLUID END PARTS

NATIONAL

7½ × 12

12-P-160

Liners & Liner Packing		
SIZES	LINER	LINER PACKING
4"	MK-0259-40	MKG-0265
4½"	MK-0259-44	MKG-0265
5"	MK-0259-50	MKG-0264
5½"	MK-0259-54	MKG-0263
6"	MK-0259-60	MKG-0261
6¼"	MK-0259-62	MKG-0283
6½"	MK-0259-64	MKG-0284
6¾"	MK-0259-66	MKG-0287
7"	MK-0259-70	MKG-0285
7¼"	MK-0259-72	MKG-0286
7½"	MK-0259-74	N/A

Gaskets	
Valve Cover Gasket	Cylinder Head Gasket
MKG-0771	N/A

SERIES	VALVE	SEAT	SPRING	URETHANE INSERT	PULLER HEAD
MKP-4 WEB	MK-U5C-EEF	MK-7DD-B12	MK-5710-115	MK-UDD-7B	MK-1700-7
MKP-4 WEB HIGH TEMP	MK-U5C-EEFHT	MK-7DD-B12	MK-5710-115	MK-UDD-7BHT	MK-1700-7
MKP-FULL OPEN	MK-7FO-V1	MK-7FO-S4	MK-5710-115L	MK-7FO-SI	MK-1700-7FO
MKP-G2	MK-1560985	MK-1561440	MK-1560702	MK-1560557	MK-1700-7G2
MKP-ROUGHNECK	MK-RN7-V1	MK-RN7-S12	MK-5710-115L	MK-RN7-I	MK-1700-7FO
MKP-SW FULL OPEN	MK-777-7	MK-877-8	MK-951	MK-977	MK-1700-7SW
MKP-DOUBLE ANGLE	MK-0500110	MK-0514299	MK-05147900	MK-0514275	MK-1700-7BA
MKP-PLATE TYPE	MK-0505062	MK-0514299	MK-05144230	MK-0504893	MK-1700-7BA

Piston Size	Red Thunder Bonded Pistons	Imperial Piston	Imperial Rubber Kits	Rubber Bonded	Long Life (Urethane)
4"	MK-RT-400	MK-I40HK14/15	MK-I40HK	MK-RB-400	MK-LL-400
4½"	MK-RT-440	MK-I44HK14/15	MK-I44HK	MK-RB-440	MK-LL-440
5"	MK-RT-500	MK-I50HB14/15	MK-I50HB	MK-RB-500	MK-LL-500
5½"	MK-RT-540	MK-I54HB14/15	MK-I54HB	MK-RB-540	MK-LL-540
6"	MK-RT-600	MK-I60HB14/15	MK-I60HB	MK-RB-600	MK-LL-600
6½"	MK-RT-640	MK-I64HL14/15	MK-I64HL	MK-RB-640	MK-LL-640
7"	MK-RT-700	MK-I70HL14/15	MK-I70HL	MK-RB-700	MK-LL-700
7½"	N/A	MK-I74HL14/15	MK-I70HL	MK-RB-740	MK-LL-740

* ¼ Size are available upon request

RODS					
	PISTON ROD	SUB ROD	EXTENSION ROD	ROD CLAMP	PISTON ROD NUT
PART NO.	MK-0258-A	MK-0258-B	MK-16-0258	MK-24-0258	MK-7403364