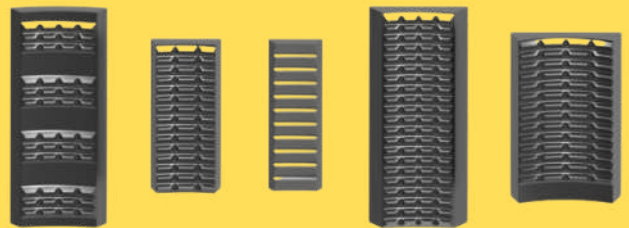


Handling Tools
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PRESSURE SYSTEM BUILDERS
PSBV
V I E T N A M



Pressure System Builders Vietnam
16 Yen The St., Ward 2, Tank Binh Dist.
Ho Chi Minh
Vietnam

August 5, 2024

Sales and Service representation letter

Keystone Energy Tools, LLC
3711 Melancon Road
Broussard, LA 70518

Hereinafter called Keystone, declare that:

Pressure System Builders Vietnam
16 Yen The St., Ward 2, Tank Binh Dist.
Ho Chi Minh
Vietnam

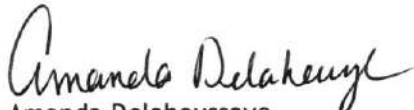
Hereinafter called Pressure System Builders Vietnam, is the authorized distributor for KET products across Southeast Asia.

Territory: Vietnam, Thailand, Malaysia, Brunei, Indonesia, The Philippines, Myanmar, Timor, Laos, Cambodia, India, and Singapore

The letter of representation comes into effect on the 5th of August 2024 and is valid for the duration of the distribution agreement in between Keystone Energy Tools and Pressure System Builders Vietnam.

Keystone Energy Tools

Stamp Keystone Energy Tools, LLC


Amanda Delahoussaye
President

Certificate of Authority to use the Official API Monogram

License Number: 8C-0195

ORIGINAL

The American Petroleum Institute hereby grants to

KEYSTONE ENERGY TOOLS

3711 Melancon Road

Broussard, LA

United States

the right to use the Official API Monogram® on manufactured products under the conditions in the official publications of the American Petroleum Institute entitled API Spec Q1® and **API-8C** and in accordance with the provisions of the License Agreement.

In all cases where the Official API Monogram is applied, the API Monogram shall be used in conjunction with this certificate number: **8C-0195**

The American Petroleum Institute reserves the right to revoke this authorization to use the Official API Monogram for any reason satisfactory to the Board of Directors of the American Petroleum Institute.

The scope of this license includes the following: Casing, Tubing, Drill Pipe and Drill Collar Elevators at PSL 1, PSL 2

QMS Exclusions: No Exclusions Identified as Applicable

Effective Date: **JULY 5, 2022**

Expiration Date: **JULY 21, 2024**

To verify the authenticity of this license, go to www.api.org/compositelist.

Senior Vice President of Global Industry Services

Anchal Liddar



®

**American
Petroleum
Institute**



2019 151 | Digital

ABOUT US



Keystone Energy Tools was established to provide the industry with support and stability from an **API 8C** certified manufacturer with over fifty years of combined experience in designing, manufacturing, and delivering high-quality oilfield tools. In addition to providing complete in-house **certification**.

With our years of experience of **bridging the gap** between quality and service, customers and distributors, and performance and economy, Keystone understands the critical requirements of the oil and gas industry, from on-time delivery to competitive pricing and product availability.

By using the latest in 3D modeling for product design and by staying current with the rapid advances in manufacturing technology and quality-assurance standards, Keystone is able to manufacture and produce the most reliable products on the market today.

Our experienced sales team is dedicated, always here to support our customers and distributors and ready to answer any questions that you have regarding our products. We pride ourselves on same-day quotes and expedited shipping.

OUR NAME SAYS IT ALL:

keystone (kē'stōn')

1. the topmost stone of an arch
2. a central cohesive source of stability
3. something on which associated things depend for support

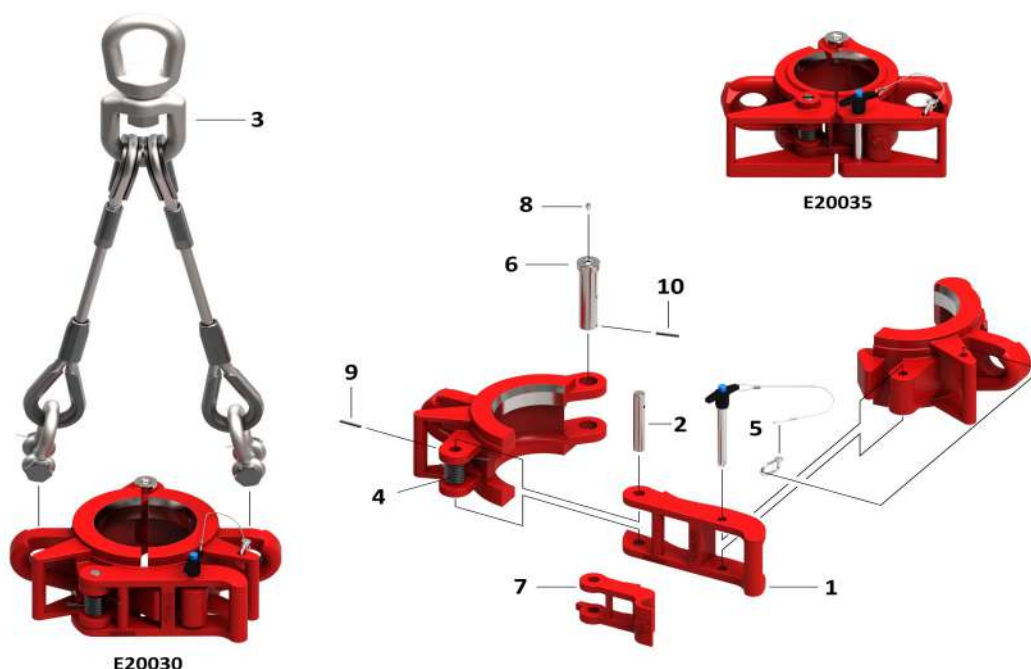
HISTORY:

Keystone was created in 2009 by Joe Ramey, founder of Access Oil Tools. Our focus is to build long-term relationships with our customers and distributors and to provide them with quality products and service with one phone call or e-mail.

The float valve product line was established in 2009, and in 2011 our product line was expanded to include **elevators, slips, rotating mouse holes, safety flex handles for slips, safety handles for tongs, safety clamps, baffle plates, valve pullers, ST-80' Dies and Inserts, stabbing guides, tong die drivers, tong blocks, beckets and bails, mud screens, and automated slip-lifting devices.**

KET (7.5 TON) SINGLE JOINT ELEVATOR

PART NO.	RATING	RANGE	WEIGHT
E20035	7.5 TON	2-3/8" - 4"	45.00
E20030	7.5 TON	4" - 5 7/8"	67.00
E20040	7.5 TON	5-1/2" - 8-5/8"	78.00
E20050	7.5 TON	9 5/8" - 10 3/4"	93.00
E20060	7.5 TON	11 3/4" - 14"	114.00
E20065	10 TON	18" - 22 5/8"	290.00

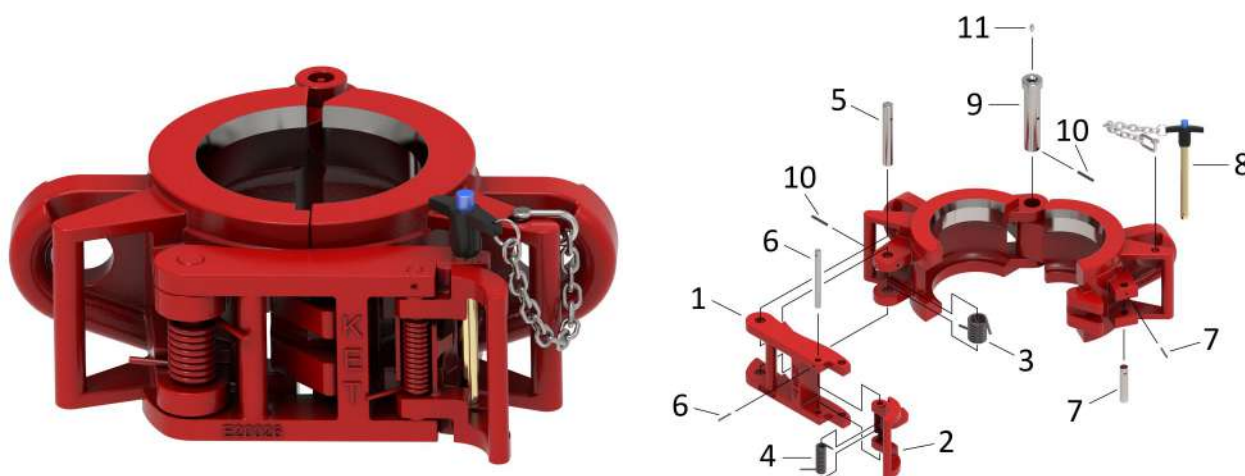


REPLACEMENT PARTS FOR SINGLE JOINT ELEVATORS

ITEM	QTY	PART NO.	DESCRIPTION	SPARES	WIEGHT (lbs.)
1	1		LATCH-E20030, E20040, E20050, E20060, E20065		6.00
2	1	E39-050	LATCH PIN-E20030, E20040, E20050, E20060, E20065	1	0.37
2	1	E39-050-1	LATCH PIN-E20035	1	0.37
3	1	E34568	SJ SWIVEL SUSPENSION ASSEMBLY	1	29.00
4	1	E39-034	LATCH SPRING-E20030, E20040, E20050, E20060, E20065	2	0.20
4	1	E7829-1	LATCH SPRING-E20035	2	0.20
5	1	E39-051-8	LATCH LOCK RETAINER PIN ASSY	1	0.35
6	1	E39-052	HINGE PIN-BOTH	1	0.10
7	1	E39-190	LATCH-E20035		4.00
8	1	E316-TI	TAP IN GREASE FITTING—BOTH		0.10
9	1	E316RP	LATCH PIN RETAINER—BOTH		0.10
10	1	P316RP	HINGE PIN RETAINER—BOTH		0.10

KET (7.5 TON) DOUBLE LATCH SINGLE JOINT ELEVATOR

PART NO.	RATING	RANGE	WEIGHT
E20035DL	7.5 Ton	2 3/8" - 4"	46.00
E20030DL	7.5 Ton	4" - 5 7/8"	67.00

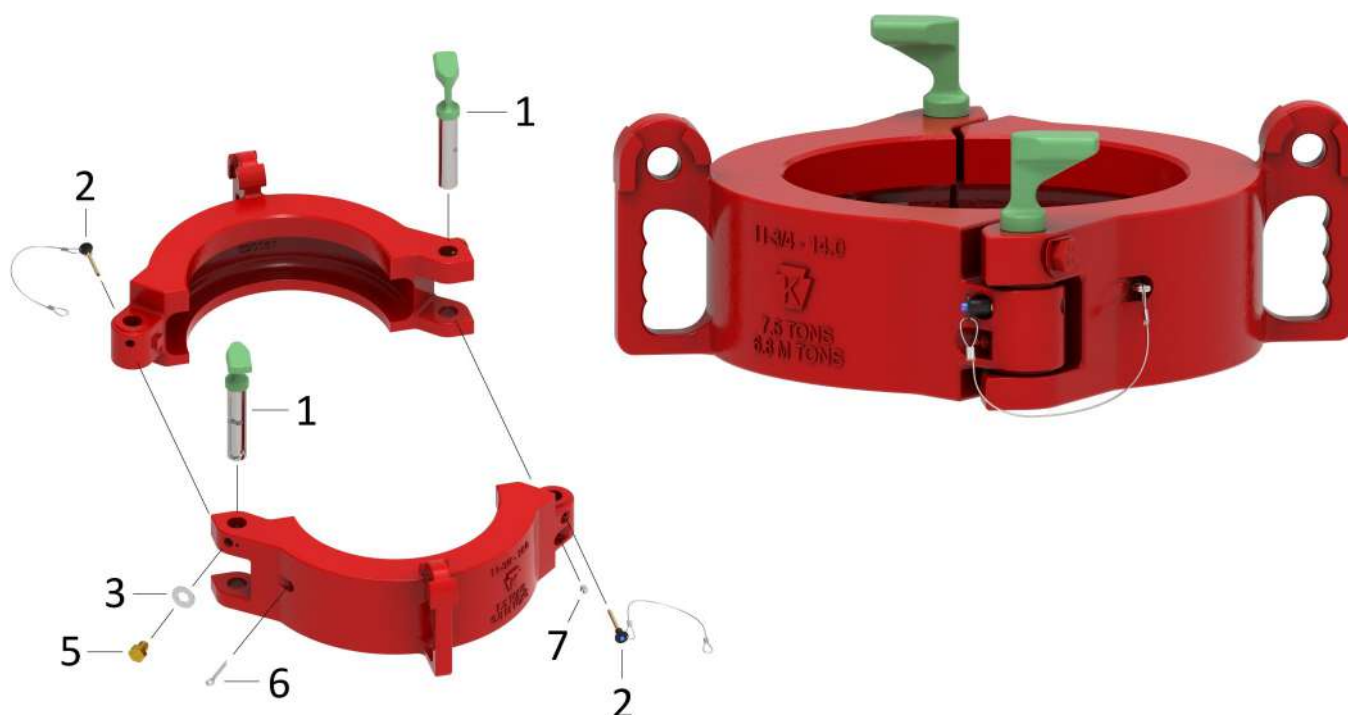


REPLACEMENT PARTS FOR SINGLE JOINT ELEVATORS

ITEM	QTY	PART NO.	DESCRIPTION	SPARES	WIEGHT (lbs.)
1	1	E20026	LATCH-E20030, E20040, E20050, E20060, E20065		6.00
2	1	E20026-LL	LATCH LOCK-E20030, E20040, E20050, E20060, E20065		3.00
3	1	E39-034	LATCH SPRING-E20030, E20040, E20050, E20060, E20065	2	0.20
4	1	E39-034-LL	LATCH LOCK SPRING-E20030, E20040, E20050, E20060, E20065	2	0.20
5	1	E39-050	LATCH PIN	1	0.37
6	1	E39-050-2	LATCH LOCK PIN	1	0.37
7	1	E39-050-3	DOOR LUG PIN		0.20
8	1	E39-051-8	SAFETY LATCH LOCK PIN ASSY	1	0.37
9	1	E39-052	HINGE PIN	1	1.00
10	2	P316RP	HINGE PIN RETAINER—BOTH		0.10
11	1	E316-TI	GREASE ZERT		0.10

KET DOUBLE PIN SINGLE JOINT ELEVATOR

PART NO.	RATING	RANGE	WEIGHT
E20073	7.5 TON	4" - 6"	63.00
E20075	7.5 TON	6 5/8" - 8 5/8"	83.00
E20077	7.5 TON	9" - 10-3/4"	96.00
E20079	7.5 TON	11 3/4" - 14"	135.00
E20081	10 TON	16" - 20"	230.00

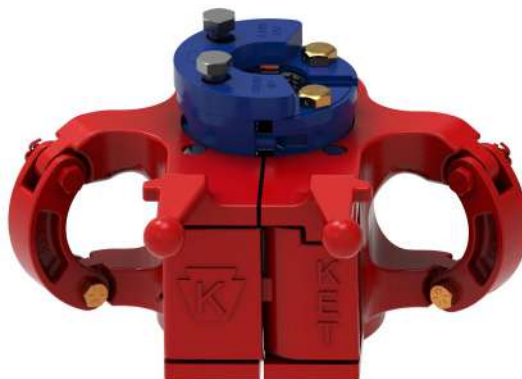


REPLACEMENT PARTS FOR DOUBLE PIN SINGLE JOINT ELEVATORS

ITEM	QTY	PART NO.	DESCRIPTION	SPARES	WIEGHT
1	2	E20072	HINGE PIN		2.00
2	2	E20101	HINGE PIN SAFETY LATCH PIN	2	0.20
3	2	E20102	11/16" LOCK-TAB WASHER	2	0.10
4	1	E20103	HINGE PIN RET. BOLT 3/4" LONG (FRAME SIZES E20073-E20077)		0.25
5	1	E20103-1	HINGE PIN RET. BOLT 7/8" LONG (FRAME SIZES E20079-E20081)		0.25
6	2	E20104	2" COTTER PIN	2	0.10
7	2	E940308-1	GREASE ZERT		0.10

KET LYT (20 TON) SLIP TYPE ELEVATOR

PART NO.	RANGE	SIZE OF LINKS	WEIGHT
E28750	3/4" - 2-1/16"	1-1/4" - 2-3/4"	58.00



LYT SLIP ASSEMBLIES

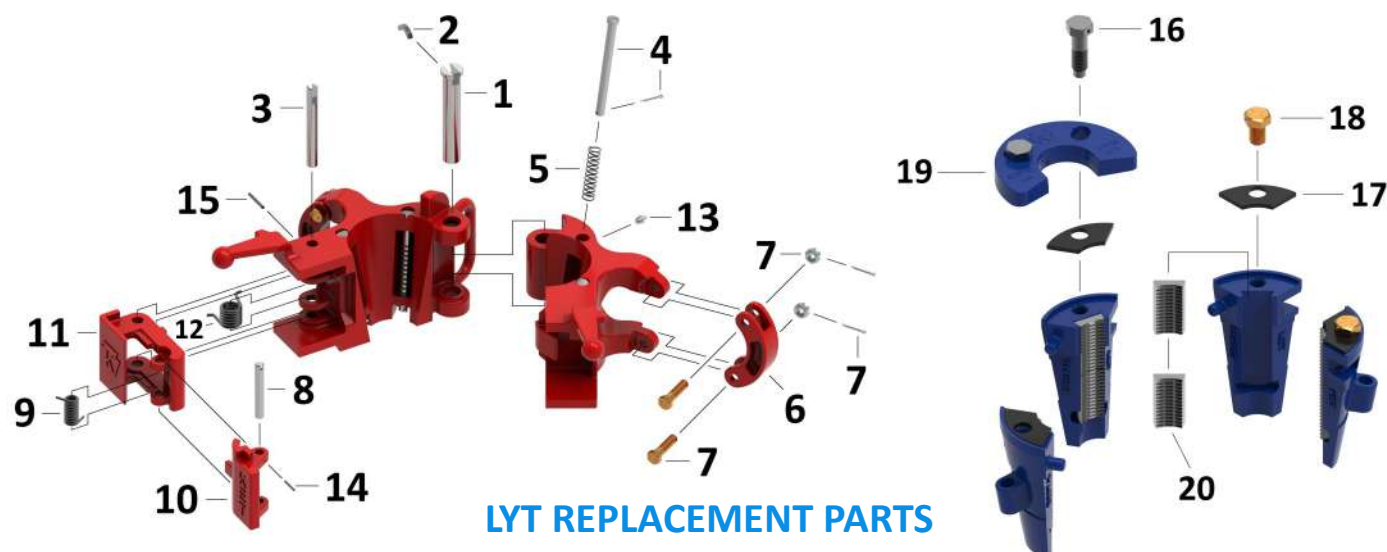
PART NO.	DESCRIPTION	WEIGHT (lbs.)
E28745-6	2-1/16" X 2-1/16" LYT SLIP ASSEMBLY	17.00
E28745-5	2-2/16" X 2" LYT SLIP ASSEMBLY	17.00
E28745-4	2-1/16" X 1-1/2" (1.900") LYT SLIP ASSEMBLY	17.00
E28745-3	2-1/16" X 1-1/4" (1.660") LYT SLIP ASSEMBLY	18.00
E28745-2	2-1/16" X 1" (1.315") LYT SLIP ASSEMBLY	20.00
E28745-7	2-1/16" X 3/4" (1.050") LYT SLIP ASSEMBLY	20.00

LYT SETTING PLATES

PART NO.	ITEM#	DESCRIPTION	#REQ.	WEIGHT (LBS)
E28782	19	2 1/16" SETTING PLATE	1	2.25
E28737	19	2" SETTING PLATE	1	2.35
E28783	19	1 1/2" (1.900") SETTING PLATE	1	3.00
E28784	19	1 1/4" (1.660") SETTING PLATE	1	3.10
E28736	19	1" (1.315") SETTING PLATE	1	3.15
E28735	19	3/4" (1.050") SETTING PLATE	1	3.20

Recommended spares include 2 sets of inserts and 2 setting rings for each pipe size to be run.

KET LYT (20 TON) SLIP TYPE ELEVATOR



LYT REPLACEMENT PARTS

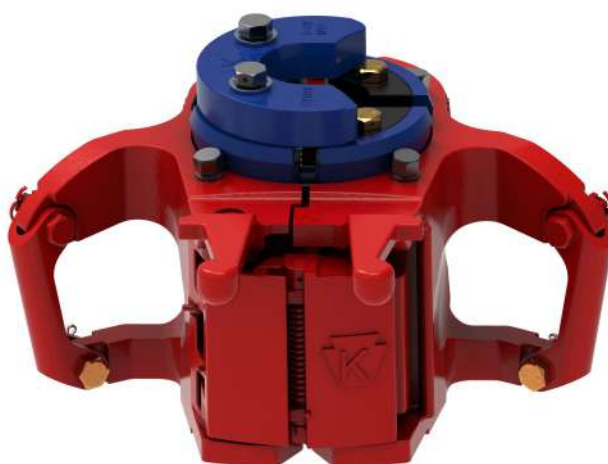
ITEM#	QTY	PART NO.	DESCRIPTION	SPARES	WT.
1	1	E28753	HINGE PIN		.60
2	1	E28753-R	HINGE PIN RETAINER	2	.05
3	1	E28757	LATCH PIN		.45
4	4	E28760	SLIP PIN & COTTER		.25
5	4	E28761	SLIP SPRING	4	.04
6	2	E28762	LINK BLOCK	2	1.00
7	4	E28764-1	LINK BLOCK BOLT, NUT & COTTER	2	1.20
8	1	E28767	LATCH LOCK PIN	2	.25
9	1	E28769	LATCH LOCK SPRING	1	.12
10	1	E30645	LATCH LOCK		2.00
11	1	E30648	LATCH		4.00
12	1	E32760	LATCH SPRING	1	.08
13	1	E940308-1	GREASE ZERT FOR DOOR	4	.03
14	1	E947128-172	LATCH LOCK PIN RETAINER	1	.02
15	1	E947128-222	LATCH PIN RETAINER	2	.02
16	2	E28785	SETTING PLATE BOLT	2	.25
17	4	E28786	INSERT RETAINER PLATE	4	.13
18	2	E28787	INSERT RETAINER SCREW	2	.13
19	1		Page 28 SETTING RING		

LYT INSERTS

ITEM#	QTY	PART NO.	DESCRIPTION	WT.
20	8	E28772	2 1/16" & 2" LYT INSERT	.25
20	8	E28775	1 1/2" (1.900") LYT INSERT	.25
20	8	E28778	1 1/4" (1.660") LYT INSERT	.25
20	8	E28749	1" (1.315") LYT INSERT	.25
20	8	E29370	3/4" (1.050") LYT INSERT	.25

KET MYT (40 TON) SLIP TYPE ELEVATOR

PART NO.	RANGE	SIZE OF LINKS	WEIGHT
E29328	3/4" - 2-7/8"	1-1/4" - 2-3/4"	148.00



MYT SLIP ASSEMBLIES

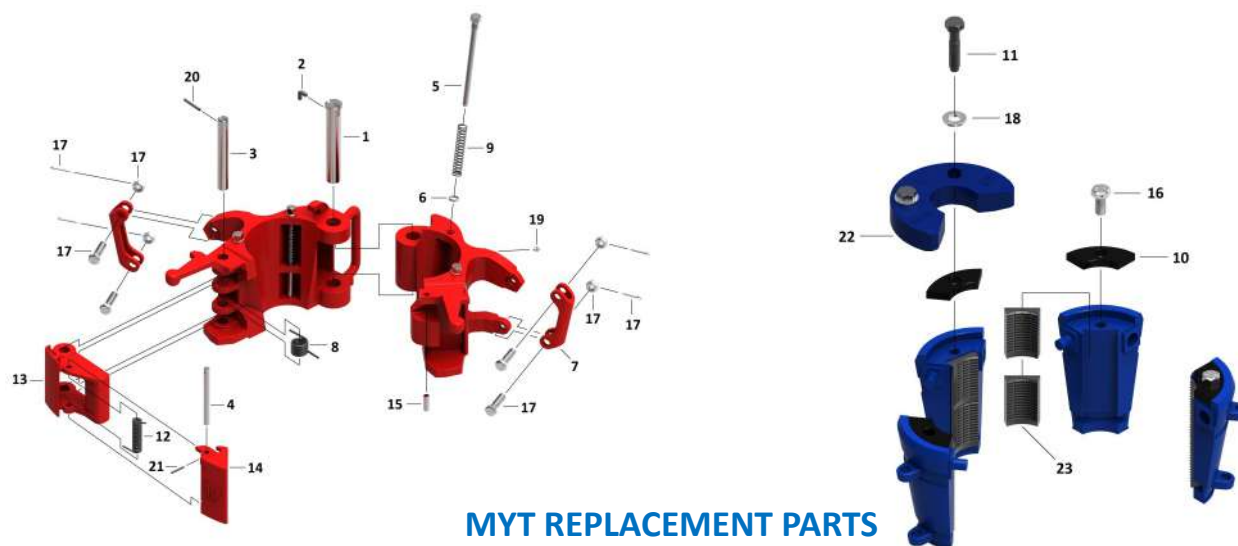
PART NO.	DESCRIPTION	WEIGHT (lbs.)
E29343-1	2-7/8" X 2-7/8" MYT SLIP ASSEMBLY	44.00
E29343-2	2-7/8" X 2-3/8" MYT SLIP ASSEMBLY	46.00
E29343-3	2-7/8" X 2-1/16" MYT SLIP ASSEMBLY	47.25
E29343-4	2-7/8" X 2" MYT SLIP ASSEMBLY	47.50
E29343-5	2-7/8" X 1-1/2" (1.900") MYT SLIP ASSEMBLY	48.75
E29343-6	2-7/8" X 1-1/4" (1.660") MYT SLIP ASSEMBLY	49.75
E29343-7	2-7/8" X 1" (1.315") MYT SLIP ASSEMBLY	49.75
E29343-8	2-7/8" X 3/4" (1.050") MYT SLIP ASSEMBLY	51.00
E29343--S	2-7/8" MYT SLIP SEGMENTS ONLY(MATCHED SET OF 4)	31.00

MYT SETTING RINGS

ITEM	PART NO.	DESCRIPTION	WEIGHT (lbs.)
22	E29348	2-7/8" MYT SETTING RING	6.50
22	E29345	2-3/8" MYT SETTING RING	6.63
22	E29350	2-1/16" MYT SETTING RING	7.00
22	E29351	2" MYT SETTING RING	7.10
22	E29352	1-1/2" (1.900) MYT SETTING RING	7.35
22	E29353	1-1/4" (1.660) MYT SETTING RING	7.50
22	E29354	1" (1.315) MYT SETTING RING	7.90
22	E29354-1	3/4" (1.050) MYT SETTING RING	8.05

Recommended spares include 2 sets of inserts and 2 setting rings for each pipe size to be run.

KET MYT SLIP TYPE ELEVATOR PARTS



MYT REPLACEMENT PARTS

ITEM	QTY	PART NO.	DESCRIPTION	SPARES	WEIGHT (lbs.)
1	1	E29333-R	HINGE PIN		4
2	1	E29333-RE	HINGE PIN RETAINER		10
3	1	E29334	LATCH PIN		4
4	1	E29335	LATCH LOCK PIN	2	0.5
5	4	E29336	SLIP BOLT		2
6	4	E29336-W	SLIP BOLT LOCK WASHER	2	0.5
7	2	E29337	LINK BLOCK	2	0.25
8	1	E29338	LATCH SPRING		0.5
9	4	E29340	SLIP SPRING	2	1.5
10	4	E29344	INSERT RETAINER PLATE	2	0.5
11	2	E29347	SETTING RING BOLT		12.88
12	1	E29349	LATCH LOCK SPRING		1
13	1	E30652	LATCH		0.45
14	1	E30653	LATCH LOCK		0.75
15	1	E30841	DOOR LUG PIN		0.25
16	2	E939098-15	INSERT RETAINER SCREW	4	0.25
17	4	E939099-65-2	LINK BLOCK BOLT, NUT, COTTER	4	0.06
18	2	E939370-13	SETTING RING WASHER	4	0.13
19	1	E940308-1	GREASE FITTING	4	0.5
20	4	E947128-120	LATCH PIN RETAINER	4	.25
21	1	E947128-172	LATCH LOCK PIN RETAINER		

MYT INSERTS

ITEM	QTY	PART NO.	DESCRIPTION	WEIGHT (lbs.)
23	8	E24773	2-7/8" X 2-7/8" INSERT	0.75
23	8	E29255	2-7/8" X 2-3/8" INSERT	1.00
23	8	E29256	2-7/8" X 2-1/16" & 2" INSERT	1.13
23	8	E29257	2-7/8" X 1-1/2" (1.900") INSERT	1.25
23	8	E29258	2-7/8" X 1-1/4" (1.660") INSERT	1.38
23	8	E29259	2-7/8" X 1" (1.315") INSERT	1.44
23	8	E29259-1	2-7/8" X 3/4" (1.050") INSERT	1.50

KET YT (75 TON) SLIP TYPE ELEVATOR

PART NO.	RANGE	SIZE OF LINKS	WEIGHT
E23105	1.315" - 3-1/2"	2-1/4" - 2-3/4"	355.00



YT SLIP ASSEMBLIES

PART NO.	DESCRIPTION	WEIGHT(lbs.)
E23108-5	3-1/2" X 3-1/2" YT SLIP ASSEMBLY	64.00
E23108-3	3-1/2" X 2-7/8" YT SLIP ASSEMBLY	76.00
E23108-23	3-1/2" X 2-3/8" YT SLIP ASSEMBLY	76.00
E23108-4	2-7/8" X 2-7/8" YT SLIP ASSEMBLY	76.00
E23108-6	2-7/8" X 2-3/8" YT SLIP ASSEMBLY	79.00
E23108-7	2-7/8" X 2-1/16" YT SLIP ASSEMBLY	81.00
E23108-8	2-7/8" X 2" YT SLIP ASSEMBLY	82.00
E23108-9	2-7/8" X 1-1/2" (1.900) YT SLIP ASSEMBLY	83.50
E23108-10	2-7/8" X 1-1/4" (1.660) YT SLIP ASSEMBLY	85.50
E23108-11	2-7/8" X 1" (1.315) YT SLIP ASSEMBLY	86.50
E23108	3-1/2" YT SLIP SEGMENTS ONLY (MATCHED SET OF 4)	51.00
E23108-22	2-7/8" YT SLIP SEGMENTS ONLY (MATCHED SET OF 4)	51.00

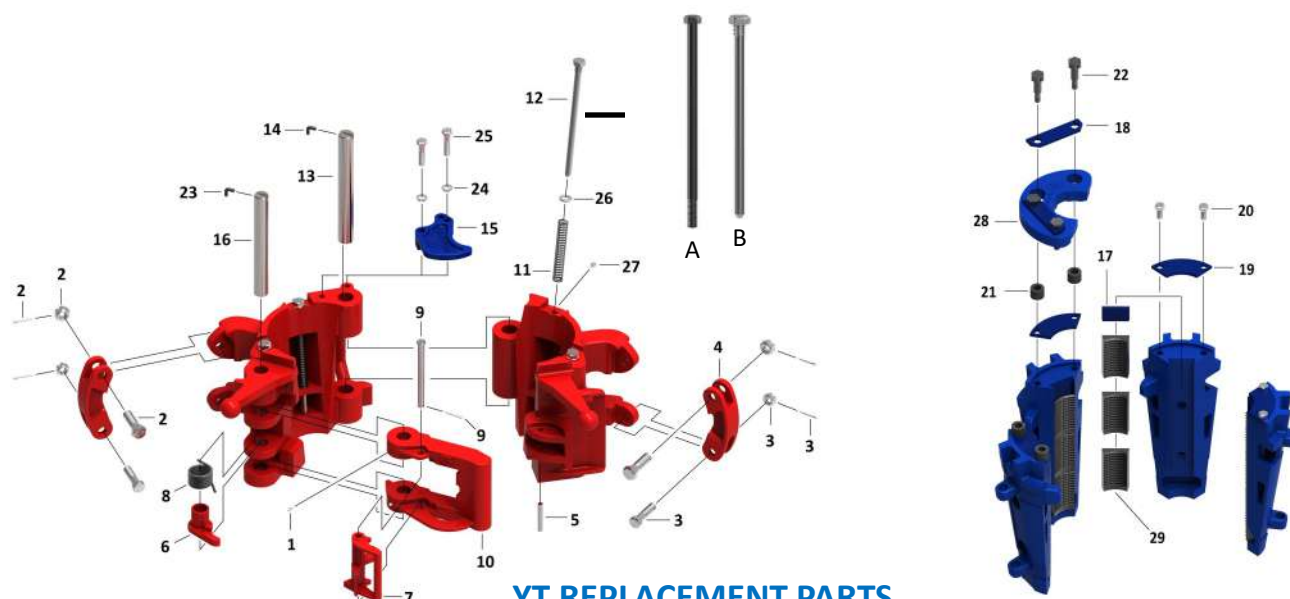
YT SETTING RINGS

ITEM	PART NO.	DESCRIPTION	WEIGHT (lbs.)
28	E27813	3-1/2" YT SETTING RING	3.13
28	E27695	2-7/8" YT SETTING RING	3.56
28	E27694	2-3/8" YT SETTING RING	4.00
28	E27812	2-1/16" YT SETTING RING	4.25
28	E28821	2" YT SETTING RING	4.25
28	E27811	1-1/2" (1.900) YT SETTING RING	4.31
28	E27810	1-1/4" (1.660) YT SETTING RING	4.38
28	E29001	1" (1.315) YT SETTING RING	4.75

YT SLIP INSERTS

ITEM	QTY	PART NO.	DESCRIPTION	WEIGHT (lbs.)
29	24	E24774	3-1/2" X 3-1/2" INSERT	0.50
29	24	E30358	3-1/2" X 2-7/8" INSERT	0.75
29	24	E30358-23	3-1/2" X 2-3/8" INSERT	0.85
29	12	E24773	2-7/8" X 2-7/8" INSERT	0.75
29	12	E29255	2-7/8" X 2-3/8" INSERT	0.75
29	12	E29256	2-7/8" X 2-1/16" & 2" INSERT	1.00
29	12	E29257	2-7/8" X 1-1/2" (1.900") INSERT	1.20
29	12	E29258	2-7/8" X 1-1/4" (1.660") INSERT	1.38
29	12	E29259	2-7/8" X 1" (1.315") INSERT	1.45

KET YT SLIP TYPE ELEVATOR PARTS



YT REPLACEMENT PARTS

ITEM	QTY	PART NO.	DESCRIPTION	SPARES	WEIGHT (lbs.)
1	1	E316-TI	TAP IN GREASE FITTING		
2	2	E8145-1	UPPER LINK BLOCK BOLT, NUT, COTTER	1	1.00
3	2	E8145-2	LOWER LINK BLOCK BOLT, NUT, COTTER	2	1.00
4	2	E9519	LINK BLOCK		5.50
5	1	E12529	DOOR LUG PIN		0.65
6	1	E12946	LATCH CAM		1.50
7	1	E12972	LATCH LOCK		3.50
8	1	E12978	LATCH SPRING	2	0.63
9	1	E13530	LATCH LOCK PIN W/COTTER	2	0.63
10	1	E15348	LATCH		27.00
11	4	E23113	SLIP SPRING	8	0.25
12A	4	E23115	SLIP BOLT(THREADS ON END OF THE BOLT)	4	1.25
12B	4	E23115-S	SLIP BOLT (THREADS UNDER HEAD) New Style	4	1.25
13	1	E23116-1	HINGE PIN		4.13
14	1	E23116-1-R	HINGE PIN RETAINER	2	0.20
15	1	E23630	GUIDE PLATE		4.00
16	1	E24182	LATCH PIN		5.00
17	8	E24507	INSERT SPACER (3-1/2")	8	0.13
17	4	E24508	INSERT SPACER (2-7/8")	4	0.25
18	2	E27507	SETTING RING RETAINER (2-7/8")		0.13
18	2	E27546	SETTING RING RETAINER (3-1/2")		0.13
19	4	E27530	INSERT RETAINER PLATE (3-1/2")	4	0.13
19	4	E27451	INSERT RETAINER PLATE (2-7/8")	4	0.25
20	4	E27532	INSERT RETAINER SCREW	8	0.06
21	4	E27696	YT SETTING RING BUSHING	8	0.06
22	4	E27697	SETTING RING BOLT	4	0.25
23	4	E29464	LATCH PIN RETAINER	2	0.20
24	4	E939098-634	GUIDE PLATE LOCK WASHER	2	0.15
25	2	E939098-75	GUIDE PLATE SCREW	2	0.25
26	4	E939352-6	SLIP BOLT LOCK WASHER	4	0.06
27	1	E940308-1	GREASE FITTING		0.05
28		Page 32	SETTING RINGS	2	
29		Page 32	INSERTS	2 SETS	

KET HYT (150 TON) SLIP TYPE ELEVATOR

PART NO.	DESCRIPTION	RANGE	SIZE OF LINKS	WT.
E39284	HYT ELEVATOR COMPLETE L/SLIPS	2 3/8" - 3 1/2"	2 1/4" - 3 1/2"	593



HYT SLIP ASSEMBLIES

PART NO.	DESCRIPTION	WT.
E39258-2	3 1/2" X 3 1/2" HYT SLIP ASSY.	170
E39258-4	3 1/2" X 2 7/8" HYT SLIP ASSY.	170
E39258-5	3 1/2" X 2 3/8" HYT SLIP ASSY.	170
E39259-2	2 7/8" X 2 7/8" HYT SLIP ASSY.	170
E39259-4	2 7/8" X 2 3/8" HYT SLIP ASSY.	170
E39174	3 1/2" HYT SLIP SEGMENTS ONLY (MATCHED SET OF 4)	150
E39175	2 7/8" HYT SLIP SEGMENTS ONLY (MATCHED SET OF 4)	150

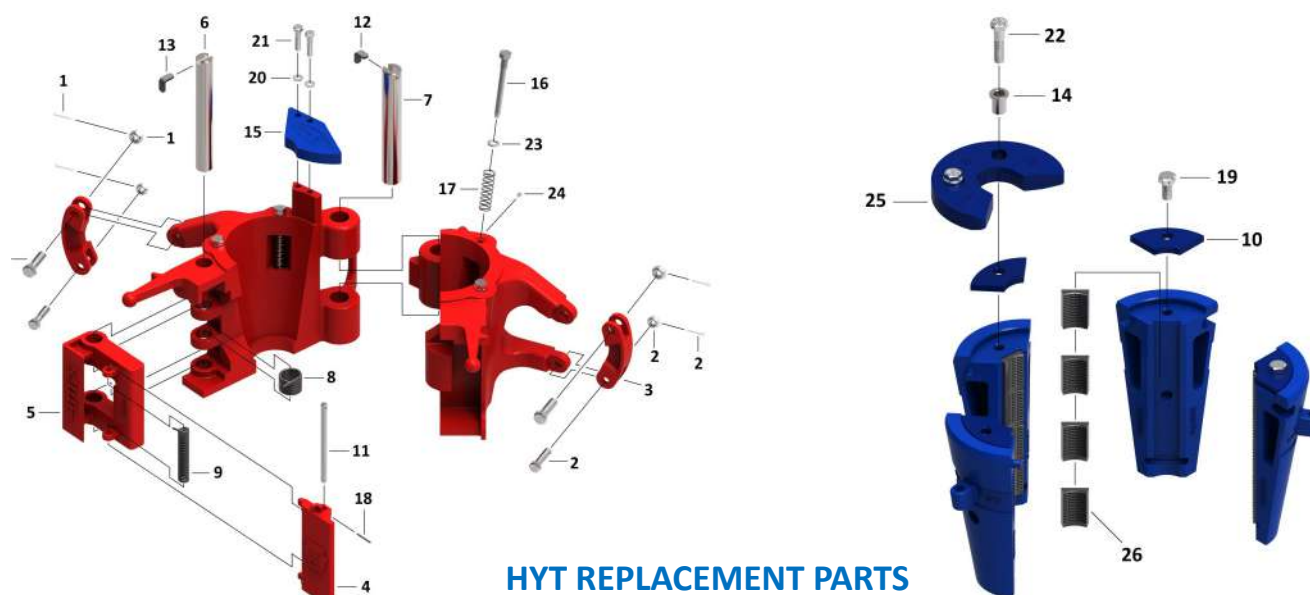
HYT SETTING RINGS

PART NO.	DESCRIPTION	#REQ.	WT.
E39214-3	3 1/2" HYT SETTING RING	1	11.00
E39214-2	2 7/8" HYT SETTING RING	1	11.00
E39214-1	2 3/8" HYT SETTING RING	1	13.00

HYT INSERTS

PART NO.	DESCRIPTION	#REQ.	WT.
E24774	3 1/2" X 3 1/2" INSERT	32	.50
E30358	3 1/2" X 2 7/8" INSERT	32	.75
E30358-23	3 1/2" X 2 3/8" INSERT	32	.80
E24773	2 7/8" X 2 7/8" INSERT	16	.75
E29255	2 7/8" X 2 3/8" INSERT	16	1.00

KET HYT SLIP TYPE ELEVATOR PARTS



HYT REPLACEMENT PARTS

PART NO.	ITEM	DESCRIPTION	**SPARES	#REQ.	WT.
E8145-1	1	UPPER LINK BLOCK BOLT, NUT, & COTTER	2	2	0.87
E8145-2	2	LOWER LINK BLOCK BOLT, NUT, & COTTER	2	2	0.57
E9519	3	LINK BLOCK		2	5.20
E39161	4	LATCH LOCK		1	7.82
E39162	5	LATCH		1	36.03
E39238	6	LATCH PIN		1	9.18
E39239	7	HINGE PIN		1	12.05
E39240	8	LATCH SPRING	2	1	0.69
E39241	9	LATCH LOCK SPRING	2	1	0.69
E39246	10	2.875 INSERT RETAINER PLATE		4	1.09
E39247	10	3.5 INSERT RETAINER PLATE		4	
E39251	11	LATCH LOCK PIN		1	0.84
E39253	12	HINGE PIN RETAINER	2	1	
E39254	13	LATCH PIN RETAINER	2	1	0.05
E51089	14	SETTING RING BUSHING	2	2	0.18
E51090	15	GUIDE PLATE	1	1	9.28
E52321	16	SLIP BOLT	8	4	0.76
E52539-1	17	SLIP SPRING	8	4	
Roll Pin	18	3/16-1-1/4 SPRING PIN—LATCH LOCK PIN RETAINER	2	1	
E939098-36	19	INSERT RETAINER PIN	4	2	0.26
E939098-634	20	GUIDE PLATE WASHER	2	2	
E939098-75	21	GUIDE PLATE SCREW	2	2	0.26
E939098-96	22	SETTING RING BOLT	4	2	0.46
E939352-6	23	SLIP BOLT WASHER	4	4	0.05
E940308-1	24	GREASE FITTING	4	2	0.08
	25	SETTING RINGS	2	1	
	26	INSERTS	2 SETS	A/R	

KET HYT-HSS (150 TON) SLIP TYPE ELEVATOR

PART NO.	DESCRIPTION	RANGE	SIZE OF LINKS	WT.
E39284	HYT ELEVATOR COMPLETE L/SLIPS	2 3/8" - 3 1/2"	2 1/4" - 3 1/2"	593



HYT HYDRAULIC ASSEMBLIES

PART NO.	DESCRIPTION	WT.
E51090-HYD-ASSY	HYT HYDRAULIC SLIMHOLE ASSEMBLY	121.00
E31093-ASSY	HAND CONTROL VALVE ASSEMBLY	20.00
E51096	130' HOSES FOR HYT HYDRAULIX (2 HOSES)	41.00

HYT SLIP ASSEMBLIES

PART NO.	DESCRIPTION	WT.
E39258-2	3 1/2" X 3 1/2" HYT SLIP ASSY.	170.00
E39258-4	3 1/2" X 2 7/8" HYT SLIP ASSY.	170.00
E39258-5	3 1/2" X 2 3/8" HYT SLIP ASSY.	170.00
E39259-2	2 7/8" X 2 7/8" HYT SLIP ASSY.	170.00
E39259-4	2 7/8" X 2 3/8" HYT SLIP ASSY.	170.00
E39174	3 1/2" HYT SLIP SEGMENTS ONLY (MATCHED SET OF 4)	150.00
E39175	2 7/8" HYT SLIP SEGMENTS ONLY (MATCHED SET OF 4)	150.00

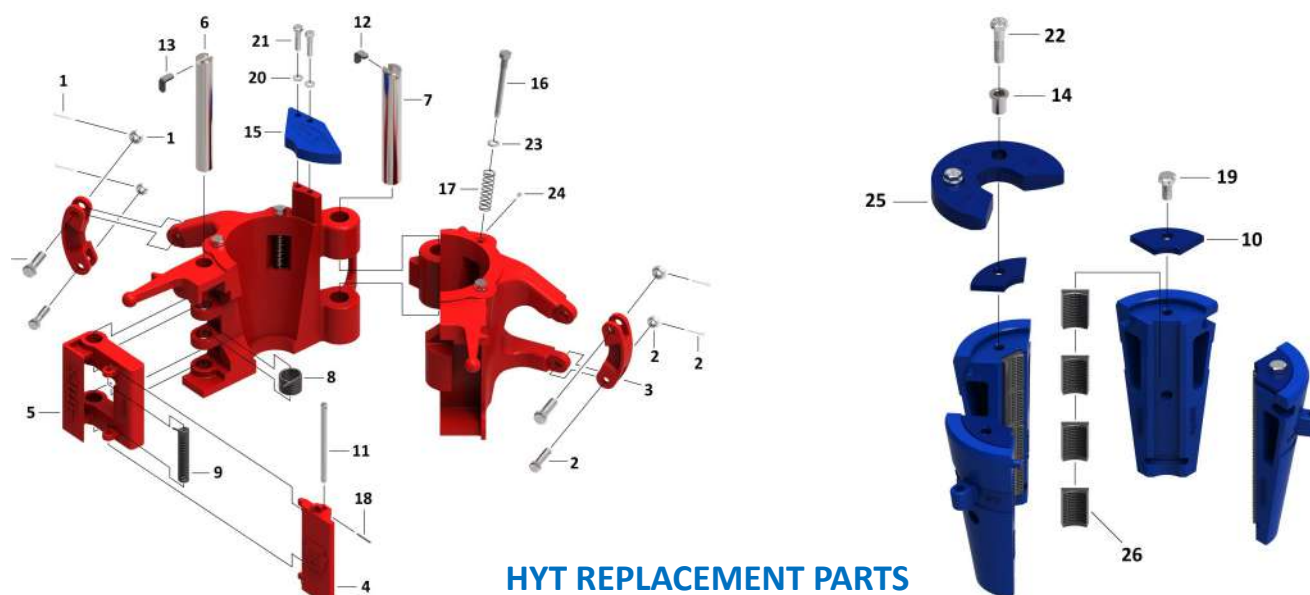
HYT SETTING RINGS

PART NO.	DESCRIPTION	#REQ.	WT.
E39214-3	3 1/2" HYT SETTING RING	1	11.00
E39214-2	2 7/8" HYT SETTING RING	1	11.00
E39214-1	2 3/8" HYT SETTING RING	1	13.00

HYT INSERTS

PART NO.	DESCRIPTION	#REQ.	WT.
E24774	3 1/2" X 3 1/2" INSERT	32	.50
E30358	3 1/2" X 2 7/8" INSERT	32	.75
E30358-23	3 1/2" X 2 3/8" INSERT	32	.80
E24773	2 7/8" X 2 7/8" INSERT	16	.75
E29255	2 7/8" X 2 3/8" INSERT	16	1.00

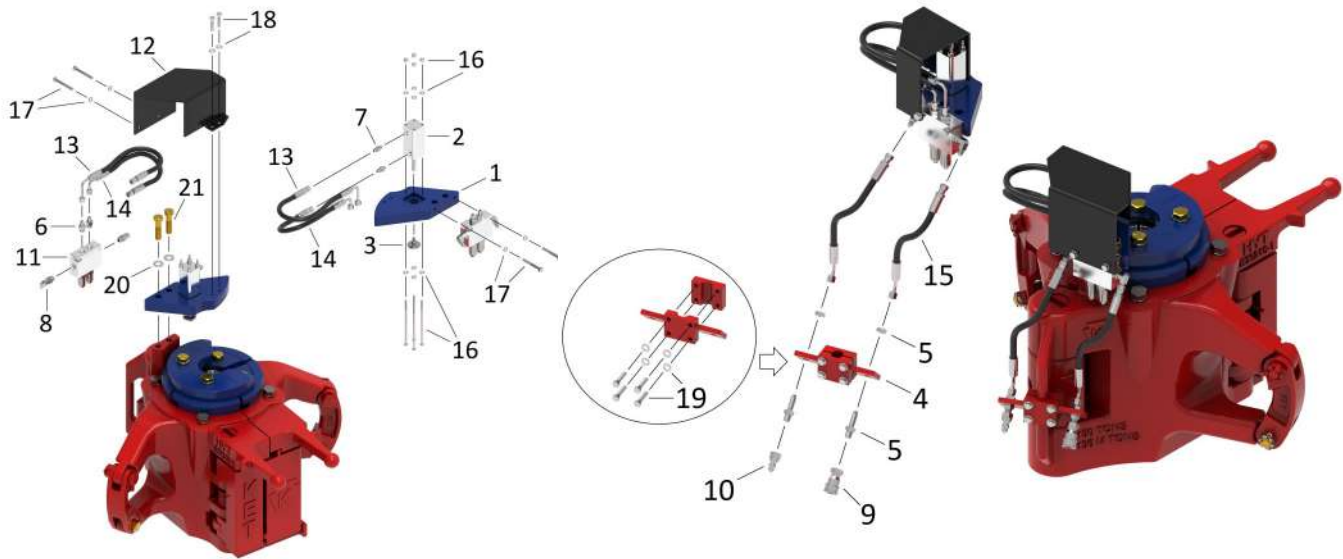
KET HYT-HSS SLIP TYPE ELEVATOR PARTS



HYT REPLACEMENT PARTS

PART NO.	ITEM	DESCRIPTION	**SPARES	#REQ.	WT.
E8145-1	1	UPPER LINK BLOCK BOLT, NUT, & COTTER	2	2	0.87
E8145-2	2	LOWER LINK BLOCK BOLT, NUT, & COTTER	2	2	0.57
E9519	3	LINK BLOCK		2	5.20
E39161	4	LATCH LOCK		1	7.82
E39162	5	LATCH		1	36.03
E39238	6	LATCH PIN		1	9.18
E39239	7	HINGE PIN		1	12.05
E39240	8	LATCH SPRING	2	1	0.69
E39241	9	LATCH LOCK SPRING	2	1	0.69
E39246	10	2.875 INSERT RETAINER PLATE		4	1.09
E39247	10	3.5 INSERT RETAINER PLATE		4	0.98
E39251	11	LATCH LOCK PIN		1	0.84
E39253	12	HINGE PIN RETAINER	2	1	0.075
E39254	13	LATCH PIN RETAINER	2	1	0.05
E51089	14	SETTING RING BUSHING	2	2	0.18
E51090-HYD	15	GUIDE PLATE	1	1	9.02
E52321	16	SLIP BOLT	8	4	0.76
E52539-1	17	SLIP SPRING	8	4	0.17
Roll Pin	18	3/16-1-1/4 SPRING PIN—LATCH LOCK PIN RETAINER	2	1	0.10
E939098-36	19	INSERT RETAINER PIN	4	2	0.26
E939098-634	20	GUIDE PLATE WASHER	2	2	0.10
E939098-75	21	GUIDE PLATE SCREW	2	2	0.26
E939098-96	22	SETTING RING BOLT	4	2	0.46
E939352-6	23	SLIP BOLT WASHER	4	4	0.05
E940308-1	24	GREASE FITTING	4	2	0.08
	25	SETTING RINGS	2	1	
	26	INSERTS	2 SETS	A/R	

KET HYT-HSS SLIP TYPE ELEVATOR PARTS



HYT HYDRAULIC SLIP REPLACEMENT PARTS

PART NO.	ITEM	DESCRIPTION	**SPARE	#REQ.	WT.
E51090-HYD	1	GUIDE PLATE	1	1	9.50
E51091	2	CYLINDER		1	2.620
E51091-1	3	CYLINDER ROD FOOT		1	0.125
E51092	4	HOSE MOUNTING CLAMP		1	2.10
E51092-1	5	1/4-18 NPT X 7/16-20 BULKHEAD STRAIGHT FITTING & 7/16-20 HEX NUT	1	1	0.10
E51092-2	6	SAE 37 7/16-20 x SAE O-RING 9/16-18 STRAIGHT FITTING	2	2	0.14
E51092-3	7	SAE 37 7/16-20 x SAE O-RING 5/16-24 STRAIGHT FITTING	2	2	0.12
E51092-4	8	SAE 37 7/16-20 x SAE O-RING 9/16-18 ELBOW FITTING	2	2	0.12
E51092-F	9	1/4 NPTF FEMALE QUIK-DISCONNECT HOSE COUPLING	1	1	0.30
E51092-M	10	1/4 NPFT MALE QUICK-DISCONNECT HOSE COUPLING	1	1	0.10
E51094	11	COUNTER BALANCE VALVE		1	1.60
E51095	12	GUARD		1	4.90
E51096-1	13	90 LONG x STRAIGHT 12" HOSE ASSEMBLY	1	1	0.40
E51096-2	14	90 SHORT x STRAIGHT 12" HOSE ASSEMBLY	1	1	0.40
E51096-3	15	45 SHORT x STRAIGHT 12" HOSE ASSEMBLY	1	2	0.33
E51097-1	16	#12-24 x 5.5 HEXHEAD BOLT, WASHERS, & NYLON HEX LOCKNUT	4	4	0.10
E51097-2	17	5/16-18 x 2.5 HEXHEAD BOLT AND LOCK WASHER	2	2	0.10
E51097-3	18	5/16-18 x 1.5 HEXHEAD CAP SCREW AND WASHER	2	2	0.10
E51097-4	19	5/16-18 x 1.5 HEXHEAD CAP SCREW AND WASHER	4	4	0.10
E939098-65	20	GUIDE PLATE LOCK WASHER	2	2	0.01
E939098-75	21	GUIDE PLATE SCREW	2	2	0.26

KET YC (75 TON) SLIP TYPE ELEVATOR

PART NO.	RANGE	SIZE OF LINKS	WEIGHT
E24140	3 1/2" - 7"	2 1/4" - 2 3/4"	365.00



YC SLIP ASSEMBLIES

PART NO.	DESCRIPTION	WT.
E34931	4 1/2" X 3 1/2" YC SLIP ASSY.	150.00
E26830	4 1/2" X 4" YC SLIP ASSY.	150.00
E24072-5	4 1/2" X 4 1/2" YC SLIP ASSY.	150.00
E24072-7	5 1/2" X 5" YC SLIP ASSY.	150.00
E24072-2	5 1/2" X 5 1/2" YC SLIP ASSY.	150.00
E24077-1	7" X 7" YC SLIP ASSY.	150.00
E24077-7	7" X 6 5/8" YC SLIP ASSY	150.00
E24072-4	4 1/2" YC SLIP SEGMENTS ONLY (MATCHED SET OF 4)	130.00
E24072	5 1/2" YC SLIP SEGMENTS ONLY (MATCHED SET OF 4)	130.00
E24077	7" YC SLIP SEGMENT ONLY (MATCHED SET OF 4)	130.00

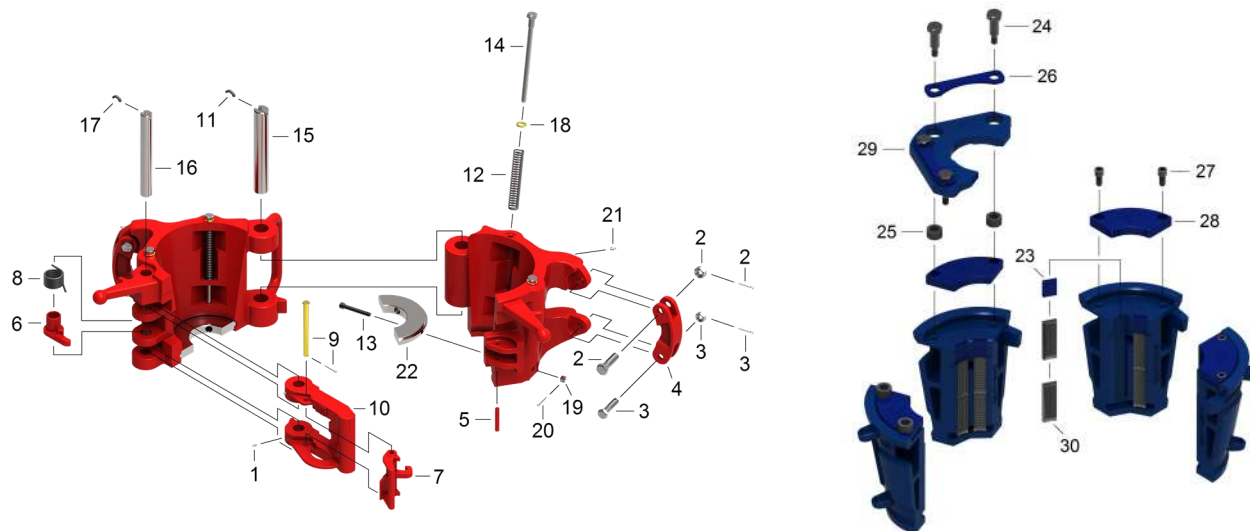
YC SETTING PLATES

PART NO.	DESCRIPTION	#REQ.	WT.
E34932	3 1/2" SETTING PLATE	1	8.00
E30209	4" SETTING PLATE	1	8.00
E30219	4 1/2" SETTING PLATE	1	7.00
E30220	5" SETTING PLATE	1	6.25
E30223	5 1/2" SETTING PLATE	1	6.13
E30226	6 5/8" SETTING PLATE	1	6.00
E30229	7" SETTING PLATE	1	5.50

YC BOTTOM GUIDE PLATES

PART NO.	DESCRIPTION	#REQ	WT
E24071-2	7" BOTTOM GUIDE	1	3.75
E24071-3	6 5/8" BOTTOM GUIDE	1	4.50
E24071-1	5 1/2" BOTTOM GUIDE	1	5.50
E24071	5" BOTTOM GUIDE	1	7.75
E24071-4	4 1/2" BOTTOM GUIDE	1	8.50
E26827	4" BOTTOM GUIDE	1	8.50
E26827-1	3 1/2" BOTTOM GUIDE	1	8.00

KET YC SLIP TYPE ELEVATOR PARTS

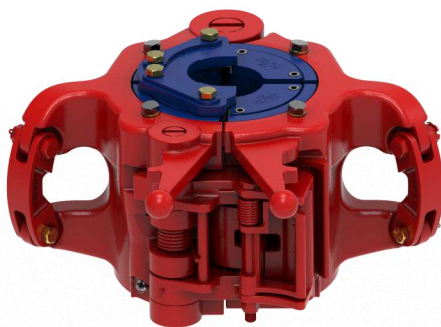


YC REPLACEMENT PARTS

ITEM	QTY	PART NO.	DESCRIPTION	*SPARE	WT.
1	1	E316-SI	LATCH GREASE ZERT		
2	2	E8145-1	UPPER LINK BLOCK BOLT, NUT, & COTTER	2	1.00
3	2	E8145-2	LOWER LINK BLOCK BOLT, NUT, & COTTER	2	1.00
4	2	E9519	LINK BLOCK		5.20
5	1	E12529	DOOR LUG PIN		.65
6	1	E12946	LATCH CAM		1.50
7	1	E12972	LATCH LOCK		3.50
8	1	E12978	LATCH SPRING	2	0.63
9	1	E13530	LATCH LOCK PIN W/COTTER	2	0.69
10	1	E15348	LATCH		27.00
11	1	E23116-1-R	HINGE PIN RETAINER	2	0.20
12	4	E24049	SLIP SPRING	8	0.30
13	4	E24075	BOTTOM GUIDE PLATE SCREW W/ NUT		0.84
14	4	E24076	SLIP BOLT	4	1.05
15	1	E24181	HINGE PIN		12.05
16	1	E24182	LATCH PIN		0.18
17	1	E29464	LATCH PIN RETAINER	2	0.20
18	4	E939352-6	LOCK WASHER F/ SLIP BOLTS	2	0.06
19	4	E939484-5	BOTTOM GUIDE PLATE NUT		.25
20	4	E939672	BOTTOM GUIDE PLATE/ COTTER		0.05
21	1	E940308-1	GREASE ZERT		0.05
22	1	E24071-	BOTTOM GUIDE PLATE		
23	4	E24506	INSERT SPACER	4	0.25
24	4	E30211	SETTING PLATE BOLT	4	0.25
25	4	E30213	RUBBER BUSHING	8	0.05
26	2	E30216	SETTING RING RETAINER		0.25
27	4	E941271-73	INSERT RETAINER SCREW	8	.13
28	4	E30214	INSERT RET. RING 3 1/2" - 4 1/2"	4	2.75
28	4	E30224	INSERT RET. RING 5" & 5 1/2"	4	2.13
28	4	E30230	INSERT RET. RING 6 5/8" & 7"	4	2.75
29	1		SETTING PLATES	2	
30			INSERTS	2 SETS	

MYC 125 TON ELIP TYPE ELEVATOR

PART NO.	RANGE	SIZE OF LINKS	WEIGHT
E200360	3 1/2" - 7"	2 1/4" - 2 3/4"	750.00



MYC SLIP ASSEMBLIES

PART NO.	DESCRIPTION	WT.
E34931	4 1/2" X 3 1/2" YC/MYC SLIP ASSY.	150.00
E26830	4 1/2" X 4" YC/MYC SLIP ASSY.	150.00
E24072-5	4 1/2" X 4 1/2" YC/MYC SLIP ASSY.	150.00
E24072-7	5 1/2" X 5" YC/MYC SLIP ASSY.	150.00
E24072-2	5 1/2" X 5 1/2" YC/MYC SLIP ASSY.	150.00
E24077-1	7" X 7" YC/MYC SLIP ASSY.	150.00
E24077-7	7" X 6 5/8" YC/MYC SLIP ASSY	150.00
E24072-4	4 1/2" YC/MYC SLIP SEGMENTS ONLY (MATCHED SET OF 4)	130.00
E24072	5 1/2" YC/MYC SLIP SEGMENTS ONLY (MATCHED SET OF 4)	130.00
E24077	7" YC/MYC SLIP SEGMENT ONLY (MATCHED SET OF 4)	130.00

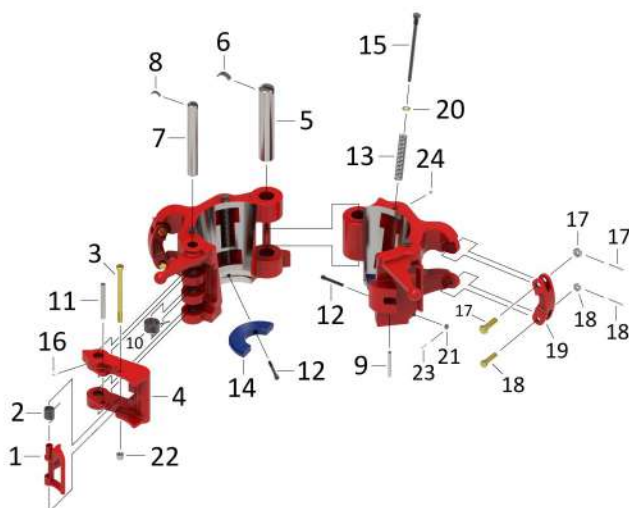
MYC SETTING PLATES

PART NO.	DESCRIPTION	#REQ.	WT.
E34932	3 1/2" SETTING PLATE	1	8.00
E30209	4" SETTING PLATE	1	8.00
E30219	4 1/2" SETTING PLATE	1	7.00
E30220	5" SETTING PLATE	1	6.25
E30223	5 1/2" SETTING PLATE	1	6.13
E30226	6 5/8" SETTING PLATE	1	6.00
E30229	7" SETTING PLATE	1	5.50

MYC BOTTOM GUIDE PLATES

PART NO.	DESCRIPTION	#REQ	WT
E24071-2	7" BOTTOM GUIDE	1	3.75
E24071-3	6 5/8" BOTTOM GUIDE	1	4.50
E24071-1	5 1/2" BOTTOM GUIDE	1	5.50
E24071	5" BOTTOM GUIDE	1	7.75
E24071-4	4 1/2" BOTTOM GUIDE	1	8.50
E26827	4" BOTTOM GUIDE	1	8.50
E26827-1	3 1/2" BOTTOM GUIDE	1	8.00

MYC 125 TON SLIP TYPE ELEVATOR PARTS



ITEM NO.	PART NO.	DESCRIPTION	**SPARES	#REQ.	WT.
1	E13152	LATCH LOCK	1	1	4.00
2	E13188	LATCH LOCK SPRING	2	1	0.38
3	E15101	LATCH LOCK PIN	1	1	1.30
4	E200363	LATCH		1	42.00
5	E200364	HINGE PIN		1	16.00
6	E200364-RT	HINGE PIN RETAINER		1	0.19
7	E200365	LATCH PIN		1	7.50
8	E200365-RT	LATCH PIN RETAINER		1	0.13
9	E200366	DOOR LUG PIN		11	0.32
10	E200367	LATCH SPRING	2	1	0.68
11	E200368	SPRING STOP PIN		1	0.94
12	E200369	GUIDE PLATE SCREW		4	0.84
13	E24049	SLIP SPRING	8	4	0.35
14	E24075-B	BOTTOM GUIDE PLATE		2	-
15	E24076	SLIP BOLT	4	4	1.00
16	E316-TI	LATCH GREASE ZERT		2	0.10
17	E8145-1	UPPER LINK BLOCK BOLT, NUT, & COTTER	2	2	0.50
18	E81452	LOWER LINK BLOCK BOLT, NUT, & COTTER	2	2	0.50
19	E9519	LINK BLOCK		2	5.50
20	E939352-6	SLIP BOLT LOCK WASHER	2	4	0.25
21	E939484-5	GUIDE PLATE NUT		4	0.25
22	E939484-8	LATCH LOCK BOLT & NUT	2	1	1.50
23	E939672	GUIDE PLATE COTTER		4	0.05
24	E940308-1	1/8 NPT GREASE ZERT		1	0.05
25	E24506	INSERT SPACER	4	4	0.25
26	E30211	SETTING PLATE BOLT	4	4	0.25
27	E30213	RUBBER BUSHING	4	4	0.05
28	E30216	SETTING RING RETAINER	2		0.25
29	E941271-73	INSERT RETAINER SCREW	4	8	0.13
30	E30214	INSERT RETAINER RING 3 1/2"-4 1/2"	4	4	2.75
30	E30224	INSERT RETAINER RING 5" - 5 1/2"	4	4	2.13
30	E30230	INSERT RETAINER RING 6 5/8" - 7"	4	4	2.75
31	SEE CHART	SETTING PLATE (REFERENCE CHART ON PAGE BEFORE)	2	1	-
32	SEE CHART	INSERTS (REFERENCE CHART ON PAGE BEFORE)	2 SETS	-	-

KET HYC 200 TON ELEVATOR

PART NO.	RANGE	SIZE OF LINKS	WEIGHT
E55310	3 1/2" - 7 5/8"	2 1/4" - 3 1/2"	1300.00



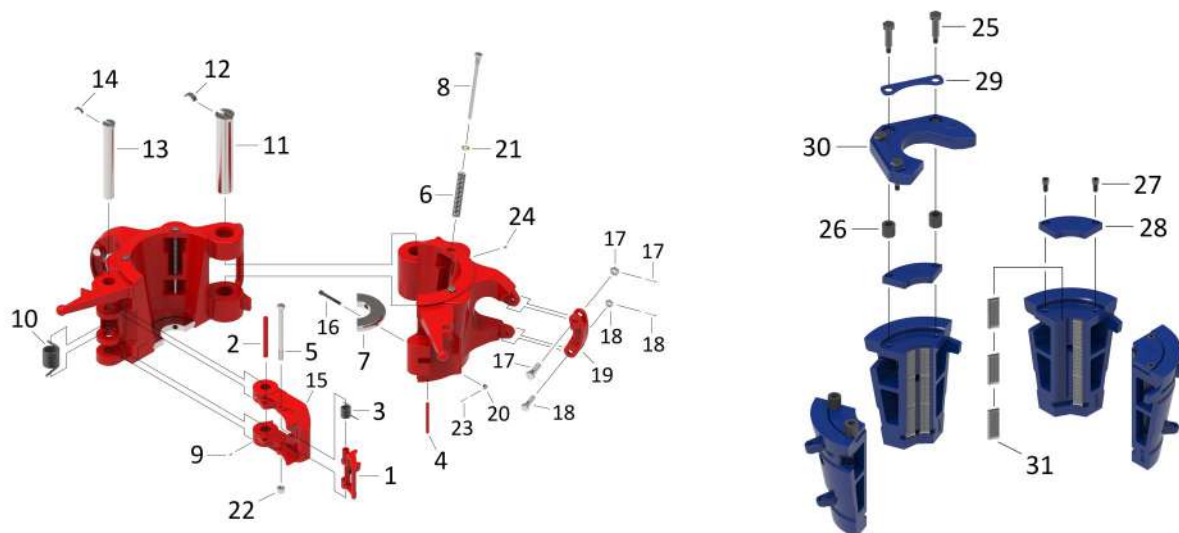
HYC SLIP ASSEMBLIES

PART NO.	DESCRIPTION	WT.
E55509-2	4 1/2" X 3 1/2" HYC SLIP ASSY.	300
E55510-2	4 1/2" X 4" HYC SLIP ASSY.	300
E55511-2	4 1/2" X 4 1/2" HYC SLIP ASSY.	300
E55512-2	5 1/2" X 5" HYC SLIP ASSY.	300
E55513-2	5 1/2" X 5 1/2" HYC SLIP ASSY.	300
E55514-2	7" X 6 5/8" HYC SLIP ASSY.	265
E55515-2	7" X 7" HYC SLIP ASSY.	265
E70009	7 5/8" X 7 5/8" HYC SLIP ASSY	265
E55511-1	4 1/2" HYC SLIP SEGMENTS ONLY (MATCHED SET OF 4)	250
E55513-1	5 1/2" HYC SLIP SEGMENTS ONLY (MATCHED SET OF 4)	230
E55515-1	7" HYC SLIP SEGMENTS ONLY (MATCHED SET OF 4)	200
E70009-1	7 5/8" HYC SLIP SEGMENT ONLY (MATCHED SET OF 4)	200

HYC MILL CUT SLIP ASSEMBLIES

PART NO.	DESCRIPTION	WT.
E55575-MC	7 5/8" MILL CUT SLIP SET LESS RISER SETTING PLATE	-
E55585-MC	8 5/8" MILL CUT SLIP SET LESS RISER SETTING PLATE	-
E55515-MC	8 3/4" MILL CUT SLIP SET LESS RISER SETTING PLATE	-

KET HYC 200 TON SLIP TYPE ELEVATOR PARTS



ITEM NO.	PART NO.	DESCRIPTION	**SPARES	#REQ.	WT.
1	E13152	LATCH LOCK	1	1	4
2	E13185	LATCH SPRING STOP		1	0.25
3	E13188	LATCH LOCK SPRING	2	1	0.25
4	E13190	DOOR LUG PIN		1	0.65
5	E15101	LATCH LOCK BOLT	1	1	0.75
6	E945044-2	SLIP SPRING	8	4	0.35
8	E24076	SLIP BOLT	4	4	1
9	E940308-1	GREASE FITTING		1	0.1
10	E34909	LATCH SPRING	2	1	1.5
11	E55311	HINGE PIN		1	25
12	E55504	HINGE PIN RETAINER		1	0.35
13	E55312	LATCH PIN		1	9
14	E55505	LATCH PIN RETAINER		1	0.2
17	E939672-19	COTTER PIN	3	3	0.1
17	E8145-1	UPPER LINK BLOCK BOLT, NUT, & COTTER	2	2	0.5
18	E8145-2	LOWER LINK BLOCK BOLT, NUT, & COTTER	2	2	0.5
18	E939672-17	COTTER PIN	8	4	0.1
19	E9519	LINK BLOCK		2	5.5
21	E939354-6	LOCKWASHER	4	4	0.25
22	E8150	LATCH LOCK BOLT NUT	1	1	0.25
25	E55501	SHOULDER SCREW	8	4	0.41
26	E55502	RUBBER BUSHING	8	4	0.04
27	E941271-73	INSERT RETAINER SCREW	4	4	0.08
28	E70011	7 5/8" INSERT RETAINER		4	1.85
28	E30230	7" INSERT RETAINER		4	2
28	E30224	5 1/2" INSERT RETAINER		4	2.5
28	E30214	4 1/2" - 3 1/2" INSERT RETAINER		4	2.5
29	E30216	SETTING RING RETAINER (3 1/2" - 7")	2	2	0.25
29	E70147	SETTING RING RETAINER (7 5/8")	2	2	0.3

KET HYC 200 TON SLIP TYPE ELEVATOR PARTS

HYC BOTTOM GUIDE PLATES

PART NO.	DESCRIPTION	#REQ.	WT.
E24071-6	7 5/8" HYC BOTTOM GUIDE PLATES (SET)	1	5.02
E24071-2	7" BOTTOM GUIDE	1	3.75
E24071-3	6 5/8" BOTTOM GUIDE	1	4.50
E24071-1	5 1/2" BOTTOM GUIDE	1	5.50
E24071	5" BOTTOM GUIDE	1	7.75
E24071-4	4 1/2" BOTTOM GUIDE	1	8.50
E26827	4" BOTTOM GUIDE	1	8.50
E26827-1	3 1/2" BOTTOM GUIDE	1	8.00

BOTTOM GUIDE PLATES ARE NOT COMPATIBLE WHEN RUNNING MILL CUT SLIPS

HYC INSERTS

PART NO.	DESCRIPTION	#REQ.	WT.
E70010	7 5/8" X 7 5/8" INSERT	48	.50
E16407	7" X 7" INSERT	48	.50
E24748	7" X 6 5/8" INSERT	48	.75
E16407	5 1/2" X 5 1/2" INSERT	36	.50
E24783	5 1/2" X 5" INSERT	36	.80
E24785	5 1/2" X 4 1/2" INSERT	36	1.05
E16408	4 1/2" X 4 1/2" INSERT	24	.50
E24781	4 1/2" X 4" INSERT	24	.80
E24779	4 1/2" X 3 1/2" INSERT	24	1.00

HYC SETTING RINGS

PART NO.	DESCRIPTION	#REQ.	WT.
E70012	7 5/8" HYC SETTING RING	1	11.00
E55522	7" HYC SETTING RING	1	11.50
E55521	6 5/8" HYC SETTING RING	1	12.00
E55520	5 1/2" HYC SETTING RING	1	13.00
E55519	5" HYC SETTING RING	1	14.50
E55518	4 1/2" HYC SETTING RING	1	15.00
E55517	4" HYC SETTING RING	1	16.50
E55516	3 1/2" HYC SETTING RING	1	18.00

THESE SETTING PLATES ARE ONLY COMPATIBLE WITH STANDARD HYC SLIPS

HYC RISER SETTING RINGS

ITEM NO.	PART NO.	DESCRIPTION	WT.
30	E55595RP	9 5/8" HYC 10" RISER SETTING PLATE	-
30	E55575RP	7 5/8" HYC 10" RISER SETTING PLATE F/MILL CUT SLIPS	-
30	E55583RP	8 3/4" HYC 10" RISER SETTING PLATE F/MILL CUT SLIPS	-

KET HYC-XR 200 TON ELEVATOR

PART NO.	RANGE	SIZE OF LINKS	WEIGHT
E55310-XR	7 5/8" - 9 5/8"	2 1/4" - 3 1/2"	1200.00



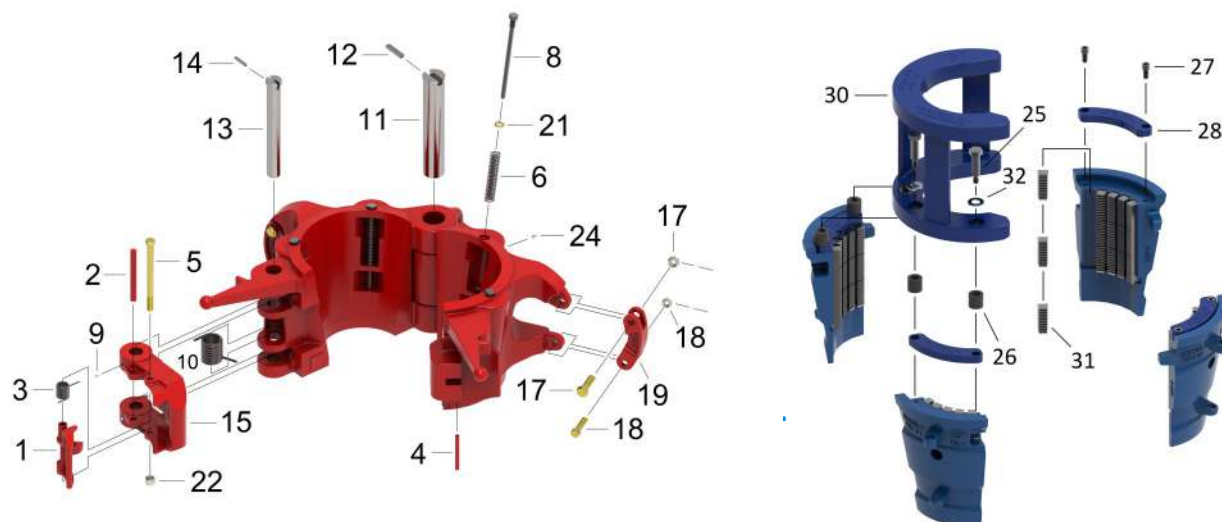
HYC SLIP ASSEMBLIES

PART NO.	DESCRIPTION	WT.
E55515-87	8 5/8" X 7 5/8" SLIP ASSEMBLY COMPLETE LESS RISER SETTING PLATE	-
E55515-8	8 5/8" SLIP ASSEMBLY COMPLETE LESS RISER SETTING PLATE	-
E55515-98	9 5/8" X 8 5/8" SLIP ASSEMBLY COMPLETE LESS RISER SETTING PLATE	-
E55515-9	9 5/8" SLIP ASSEMBLY COMPLETE LESS RISER SETTING PLATE	-
E55515-11	8 5/8" HYC-XR SLIP SET (MATCHED SET OF 4)	-
E55515-10	9 5/8" HYC-XR SLIP (MATCHED SET OF 4)	-

RISER SETTING PLATES

ITEM NO.	PART NO.	DESCRIPTION	WT.
30	E70012RP	7 5/8" HYC 10" RISER SETTING PLATE	-
30	E55525RP	8 5/8" HYC 10" RISER SETTING PLATE	-
30	E55585XRRP-9	8 5/8" HYC 12" RISER SETTING PLATE	-
30	E55585RP-9	8 5/8" HYC 10" RISER SETTING PLATE F/MILL CUT SLIPS	-

KET HYC-XR 200 TON SLIP TYPE ELEVATOR PARTS



ITEM NO.	PART NO.	DESCRIPTION	**SPARES	#REQ.	WT.
1	E13152	LATCH LOCK	1	1	4
2	E13185	LATCH SPRING STOP		1	0.25
3	E13188	LATCH LOCK SPRING	2	1	0.25
4	E13190	DOOR LUG PIN		1	0.65
5	E15101	LATCH LOCK BOLT	1	1	0.75
6	E945044-2	SLIP SPRING	8	4	0.35
8	E24076	SLIP BOLT	4	4	1
9	E940308-1	GREASE FITTING		1	0.1
10	E34909	LATCH SPRING	2	1	1.5
11	E55311	HINGE PIN		1	25
12	E55504	HINGE PIN RETAINER		1	0.35
13	E55312	LATCH PIN		1	9
14	E55505	LATCH PIN RETAINER		1	0.2
17	E939672-19	COTTER PIN	3	3	0.1
17	E8145-1	UPPER LINK BLOCK BOLT, NUT, & COTTER	2	2	0.5
18	E8145-2	LOWER LINK BLOCK BOLT, NUT, & COTTER	2	2	0.5
18	E939672-17	COTTER PIN	8	4	0.1
19	E9519	LINK BLOCK		2	5.5
21	E939354-6	LOCKWASHER	4	4	0.25
22	E8150	LATCH LOCK BOLT NUT	1	1	0.25
25	E55501	SHOULDER SCREW	8	4	0.41
26	E55502	RUBBER BUSHING	8	4	0.04
27	E941271-73	INSERT RETAINER SCREW	4	4	0.08
28	E30214	INSERT RETAINER 8 5/8" - 9 5/8"		4	2.5
28	E70011	INSERT RETAINER 7 5/8—8 5/8"		4	1.85
30	N/A	RISER SETTING PLATE SEE TABLE ON PAGE 45		1	-
31	A20-103-86	TYPE "A" 9.625 X 8.625 INSERT	60	60	0.22
31	A02-103	TYPE "A" 9.625 INSERT	60	60	5.28
32	E9133865-10	SHOULDER SCREW WASHER		4	0.1

BASIC TYPE INSERTS FOR BJ™ ELEVATORS YC THROUGH 1000 TON

PART NO.	SLIP SIZE	PIPE SIZE (OD)	YC	NUMBER OF INSERTS REQUIRED					WT. (EA)
				7 5/8"	13 3/8"	13 3/8"	10 3/4"	14"	
				175 TON	350 TON	350 TON	500 TON	1000 TON	
E16441	3 1/2"	3 1/2"		18					.50
E16442	4"	4"	16						.50
E16408	4 1/2"	4 1/2"	16	27					.50
E16407	5 1/2"	5 1/2"	16	27	36	45	45		.50
E16407	7"	7"	24		48	60	60		.50
E16407-HYC	7 5/8"	7 5/8"							.50
E15660	8 5/8"	8 5/8"			60		75		.50
E15660	8 7/8"	8 7/8"						108	.50
E15660	9 5/8"	9 5/8"			72	90	90		.50
E15660	10 3/4"	10 3/4"			72		90		.50
E15660	10 7/8"	10 7/8"						126	.50
E15660	11 3/4"	11 3/4"			72	105			.50
E15660	12 1/2"	12 1/2"						144	.50
E15660	13 3/8"	13 3/8"			84	135			.50
E15660	14"	14"						162	.50

REDUCING INSERTS FOR BJ® ELEVATORS YC THROUGH 1000 TON

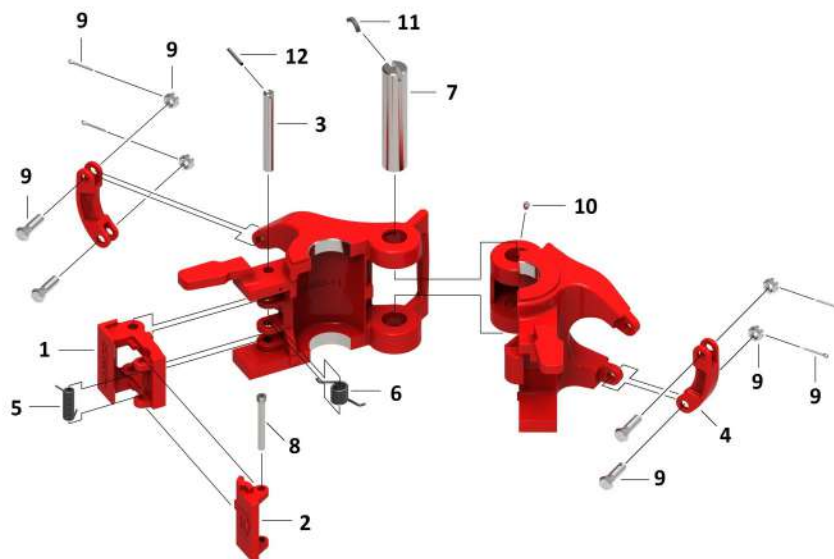
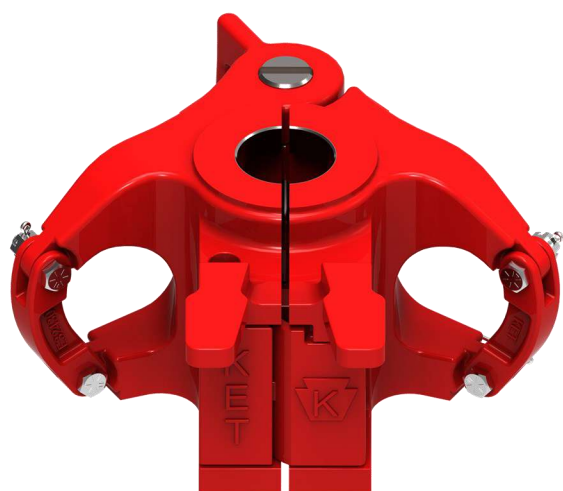
PART NO.	SLIP SIZE	PIPE SIZE (OD)	YC	NUMBER OF INSERTS REQUIRED					WT. (EA)
				7 5/8"	13 3/8"	13 3/8"	10 3/4"	14"	
				175 TON	350 TON	500 TON	500 TON	1000 TON	
E25780	3 1/2"	2 7/8"		18					.85
E24777	3 1/2"	2 3/8"		18					1.20
E24781	4 1/2"	4"	16	27					.80
E24779	4 1/2"	3 1/2"	16	27					1.00
E24783	5 1/2"	5"	16	27	36	45	45		.80
E24785	5 1/2"	4 1/2"	16	27	36	45	45		1.05
E24748	7"	6 5/8"	24		48	60	60		.75
E25474	7 5/8"	6 5/8"		45	60	75	75		1.05
E26750	7 5/8"	7"		45	60	75	75		.90
E26750-HYC	7 5/8"	7"							.90
E25474	8 5/8"	7 5/8"		45	60		75		1.05
E39290	8 7/8"	7 5/8"						108	1.20
E39286	8 7/8"	8 5/8"						108	.65
E25474	9 5/8"	8 5/8"			72	90	90		1.05
E33249	10 3/4"	9 5/8"			72		90		1.15
E39290	10 7/8"	9 5/8"						126	1.30
E39285	10 7/8"	10 3/4"						126	.60
E25474	11 3/4"	10 3/4"			72	105		126	1.05
E39289	12 1/2"	11 3/4"						144	.90
E32700	14"	13 3/8"						162	.90

INSERTS FOR VARCO™ ELEVATORS/SPIDERS

PART NO.	DESC.	REF#	SLIP SIZE	PIPE SIZE (OD) 7 5/8"	NUMBER OF INSERTS REQUIRED							WT (EA)
					200 TON 14"	350 TON 14"	500 TON 14"	750 TON 24"	1000 TON 24"	500 TON 24"	750 TON 24"	
A23-157	REDUCER	2160	3 1/2"	2 3/8"	12/12B							.87
A23-156	REDUCER	2161	3 1/2"	2 7/8"	12/12B							.64
A23-155	BASIC	2162	3 1/2"	3 1/2"	24							.42
A23-160	REDUCER	2163	4 1/2"	3 1/2"	16/16B							.81
A23-159	REDUCER	2164	4 1/2"	4"	16/16B							.61
A23-158	BASIC	2165	4 1/2"	4 1/2"	32							.42
A23-163	REDUCER	2168	5 1/2"	4 1/2"	16/16B	24/16B	32/16B					.81
A23-165	REDUCER	2169	5 1/2"	5"	16/16B	24/16B	32/16B					.61
A23-164	BASIC	2170	5 1/2"	5 1/2"	32	40	48					.42
A23-168	REDUCER	2632	7 5/8"	6 5/8"	24/24B	36/24B	48/24B	60/24B				.81
A23-169	REDUCER	2623	7 5/8"	7"	24/24B	36/24B	48/24B	60/24B				.64
A23-170	BASIC	2633	7 5/8"	7 5/8"	48	60	72	84				.42
A23-171	REDUCER	2640	9 5/8"	8 5/8"		48/32B	64/32B	80/32B	96/24B			.81
A23-170	BASIC	2633	9 5/8"	9 5/8"		48/32B	64/32B	80/32B	96/24B			.81
A23-171	REDUCER	2640	11 3/4"	10 3/4"		60/40B	80/40B	100/40B	144/36B			.81
A23-172	BASIC	2637	11 3/4"	11 3/4"		100	120	140	180			.42
A23-172	BASIC	2637	13 3/8"	13 3/8"		100	120	140				.42
A23-173	REDUCER	2636	14"	13 3/8"		60/40B	80/40B	100/40B	144/36B			.64
A23-174	BASIC	2635	14"	14"		100	120	140	180			.42
A23-174	BASIC	2635	16"	16"					240	180	210	.42
A23-175	REDUCER	13868	20"	18 5/8"					720	420	510	.52
A23-174	BASIC	2635	20"	20"					300	180	210	.42
A23-174	BASIC	2635	24"	24"						180	210	.42

KET TMA (100 TON) ELEVATOR

PART NO.	RANGE	SIZE OF LINKS	WEIGHT
E500063	2-3/8" - 5"	1-3/4" - 2-3/4"	132.00



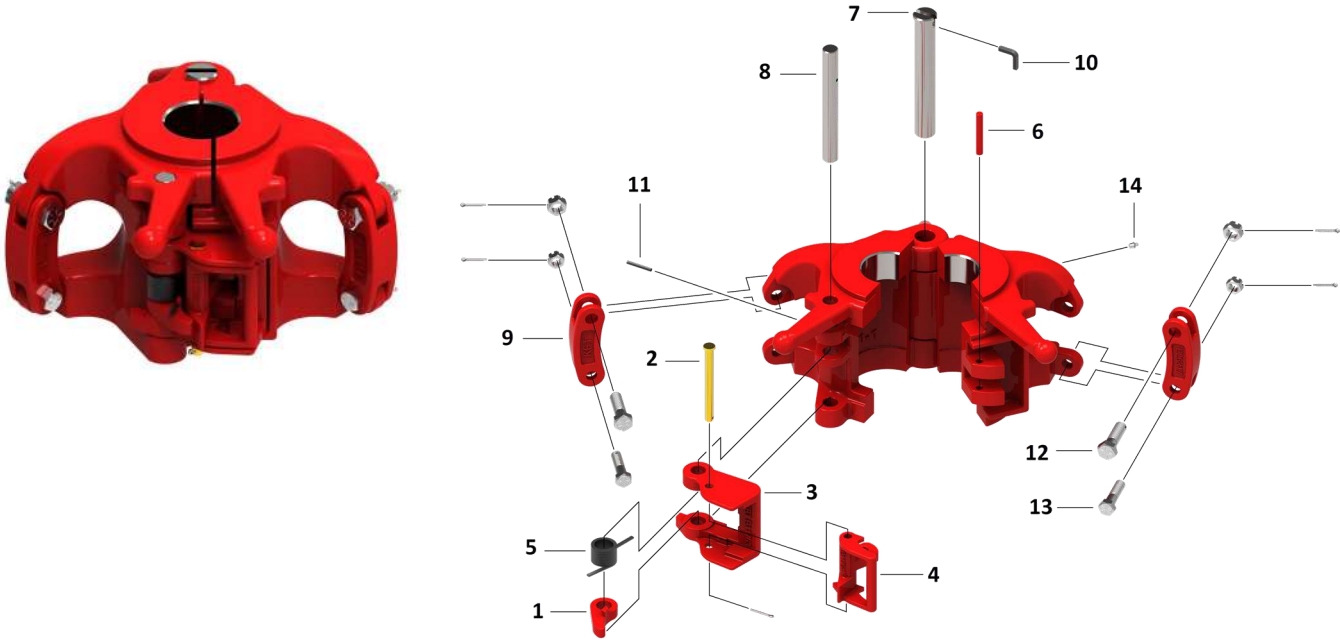
REPLACEMENT PARTS FOR TMA ELEVATORS

ITEM	QTY	PART NO.	DESCRIPTION	SPARES	WEIGHT
1	1	E32380	LATCH		6.36
2	1	E32381-1	LATCH LOCK		2.38
3	1	E32424-1	LATCH PIN		0.78
4	2	E32430	LINK BLOCK		2.25
5	1	E32758	LATCH LOCK SPRING	2	.125
6	1	E32760	LATCH SPRING	2	.180
7	1	E32915	HINGE PIN		5.48
8	1	E36208	LATCH LOCK PIN	1	.240
9	4	E939099-65-2	LINK BLOCK BOLT, NUT, AND COTTER	4	0.12
10	1	E940308-1	GREASE FITTING	2	0.02
11	1	E32915-R	HING PIN RETAINER	2	0.12
12	1	E32424-1-R	LATCH PIN RETAINER	2	0.12

1 YEAR SPARES, FOR 2 YEAR SPARES ADD 1 EA. OF * THESE ITEMS

KET MRA(175 TON) CENTER LATCH ELEVATOR

PART NO.	RANGE	SIZE OF LINKS	WEIGHT
E30158	2-3/8"-5-1/2"	1-3/4"-2-3/4"	210.00

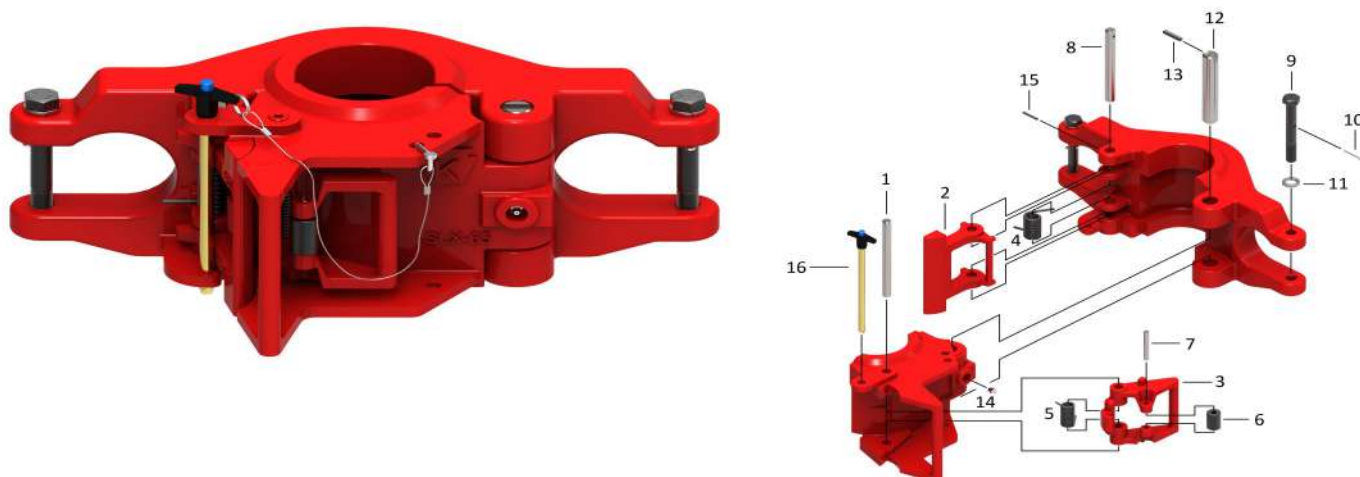


REPLACEMENT PARTS FOR MRA ELEVATORS

ITEM	QTY	PART NO.	DESCRIPTION	SPARES	WEIGHT
1	1	E11581	LATCH CAM	1	0.12
2	1	E11759	LATCH LOCK PIN	1	2.09
3	1	E11763	LATCH		9.04
4	1	E11764	LATCH LOCK	*	3.00
5	1	E11766	LATCH SPRING	2	0.10
6	1	E12529	LATCH LUG PIN		0.03
7	1	E26813-2	HINGE PIN	*	4.09
8	1	E26814	LATCH PIN	*	2.09
9	1	E26817	LINK BLOCK		3.08
10	1	E26813-2-R	HINGE PIN RETAINER	2	0.12
11	1	E8156	LATCH PIN RETAINER	2	0.12
12	2	E8145-1	UPPER LINK BLOCK BOLT, NUT, & COTTER	2	0.12
13	2	E8145-2	LOWER LINK BLOCK BOLT, NUT, & COTTER	2	0.12
14	1	E940308-1	GREASE ZERT	2	0.02
1 YEAR SPARES, FOR 2 YEAR SPARES ADD 1 EA. OF * THESE ITEMS					

KET SLX—65 (65 TON) SIDE DOOR ELEVATOR

PART NO.	RANGE	SIZE OF LINKS	WT.
E38-045	3 1/2" - 5"	1 3/4" - 2 3/4"	160.00
E38-067	5 1/2" - 8 5/8"	1 3/4" - 2 3/4"	190.00
E38-809	9" - 10 3/4"	1 3/4" - 2 3/4"	218.00
E38-137	11" - 14 1/4"	1 3/4" - 2 3/4"	275.00

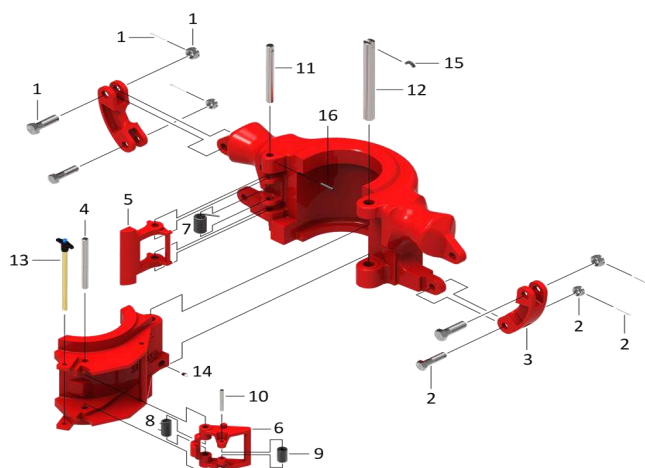


KET REPLACEMENT PARTS FOR SLX-65 ELEVATOR

KET #	ITEM #	DESCRIPTION	SPARES	# REQ	WT.
E29980-4	1	LATCH LOCK PIN		1	0.50
E31331	2	LATCH		1	4.50
E31332	3	LATCH LOCK		1	3.50
E31383	4	LATCH SPRING	2	1	0.45
E31404	5	LATCH LOCK SPRING	2	1	0.19
E31407	6	LATCH LOCK ROLLER		1	0.38
E31584	7	LATCH LOCK ROLLER PIN		1	0.13
E32424-3	8	LATCH PIN		1	0.83
E34X6	9	LINK BLOCK BOLT (E38-045 FRAME)	2	2	0.75
E34X7	9	LINK BLOCK BOLT (E38-067, 38-137, 38-809 FRAME)	2	2	0.75
E34X7-C	10	LINK BLOCK BOLT COTTER		1	0.04
E34X7-W	11	LINK BLOCK BOLT LOCK WASHER		1	0.07
E34612	12	HINGE PIN (E38-045 FRAME)		1	2.00
E34613	12	HINGE PIN (E38-67, E38-809, E38-137 FRAME)			2.15
E34611-R	13	HINGE PIN RETAINER (E38-137, 38-809 FRAME)		1	0.06
E34614	13	HINGE PIN RETAINER (E38-045, 38-067 FRAME)		1	0.06
E940308-1	14	1/8 NPT GREASE ZERT	1	1	0.08
E947128-120	15	LATCH PIN RETAINER	1	1	0.08
E39-051-4	16	SAFETY LATCH LOCK PIN E38-045 FRAME)	2	1	0.50
E39-051-5	16	SAFETY LATCH LOCK PIN (E38-067, 38-809, 38-137 FRAME)	2		

KET SLX (150-350 TON) SIDE DOOR ELEVATOR

150 TON KET NO.	250 TON KET NO.	350 TON KET NO.	RANGE	SIZE OF LINKS	WT.
E31150	N/A	N/A	3 1/2" - 5"	2-1/4"-3-1/2"	270.0
E31239	E31250	E31275 (5 1/2" — 8 5/8")	4 1/2" - 8 5/8"	2-1/4"-3-1/2"	300.0
E33950	E33650	E33675	9 5/8" - 10 3/4"	2-1/4"-3-1/2"	420.0
E33982	E33850	E33875	11 3/4" - 14"	2-1/4"-3-1/2"	475.0



KET REPLACEMENT PARTS FOR SLX-150, 250, & 350 ELEVATORS

KET #	ITEM #	DESCRIPTION	SPARES	# REQ	WT.
E8145-1	1	UPPER LINK BLOCK BOLT, NUT, CUTTER	2	2	1.13
E8145-2	2	LOWER LINK BLOCK BOLT, NUT, CUTTER	2	2	1.13
E9519	3	LINK BLOCK		2	5.50
E29980-4	4	LATCH LOCK PIN	1	1	0.50
E31331	5	LATCH		1	4.50
E31332	6	LATCH LOCK		1	3.50
E31383	7	LATCH SPRING	2	1	0.44
E31404	8	LATCH LOCK SPRING	2	2	0.19
E31407	9	LATCH LOCK ROLLER		1	0.38
E31584	10	LATCH LOCK ROLLER PIN		1	0.13
E32424-5	11	LATCH PIN	1	1	0.75
E34611	12	HINGE PIN (E31150 - E31275 FRAME)		1	4.44
E33953	12	HINGE PIN (E33950 - E33675 FRAME)		1	6.25
E33985	12	HINGE PIN (E33982 - E33875 FRAME)		1	8.50
E39-051-5	13	SAFETY LATCH LOCK PIN	2	1	0.50
E940308-1	14	1/8 NPT GREASE ZERT	1	1	0.80
E34614	15	HINGE PIN RETAINER (E31150 - E31275 FRAME)		1	0.09
E34614-1	15	HINGE PIN RETAINER (E33950 - E33675 FRAME)		1	0.06
E34614-2	15	HINGE PIN RETAINER (E33982 - E33875 FRAME)		1	0.04
E947128-120	16	LATCH PIN RETAINER (SPRING PIN)	1	1	0.08

1 YEAR SPARES, FOR 2 YEAR SPARES ADD 1 EA. OF * THESE ITEMS