

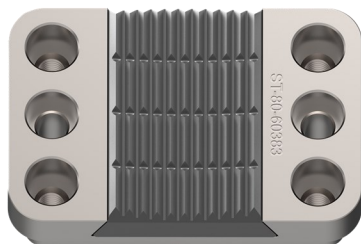
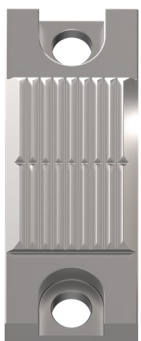
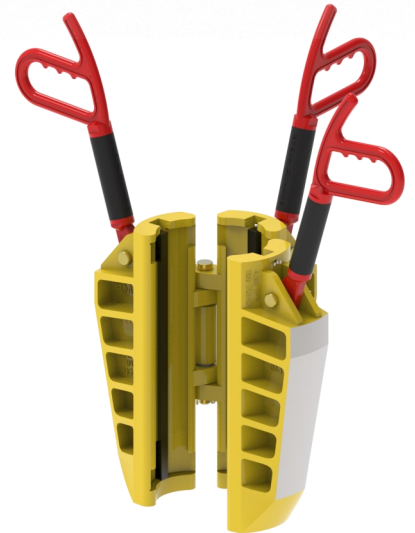
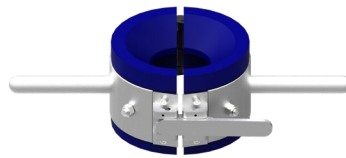
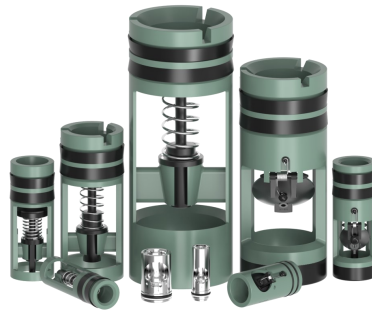
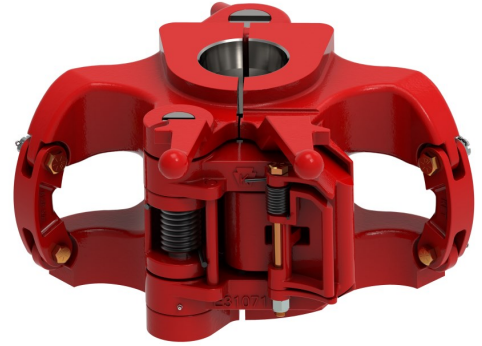
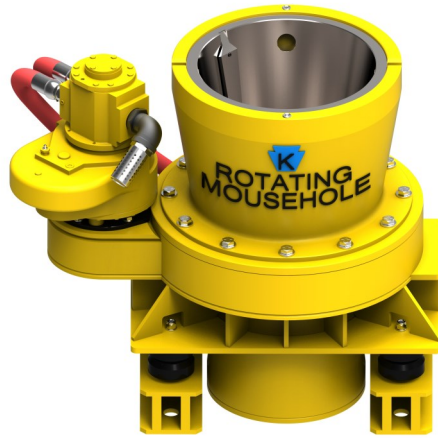
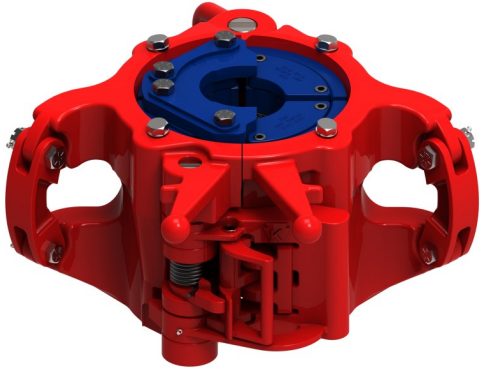
Keystone

KRM

Ramey
Martin

We Respond with Knowledge and Products, On Time.

PRODUCT CATALOG



INTENTIONALLY LEFT BLANK

TABLE OF CONTENTS

	Page No.
About Us	6
Terms and Conditions	7
PRODUCTS	
Float Valves	8-24
Float Valve Overview	8
Plunger Type Valves	9
Flapper Type Valves	10-11
Dimensional Data	12
Tool Joint Specification	13
Bit Sub Information	14
Float Valve Repair Kits	15
Valve Pullers	16
Coil Tubing Float Valves	17
Float Valve Ordering Information	18-23
Baffle Plates	24
Rotating Mousehole	26
Elevators	26-66
Elevator Overview	26
KET Single Joint Elevator	27
KET Double Latch Single Joint Elevator	28
KET Double Pin Single Joint Elevator	29
KET LYT Slip Type Elevator	30
KET LYT Slip Type Elevator Parts	31
KET MYT Slip Type Elevator	32
KET MYT Slip Type Elevator Parts	33
KET YT Slip Type Elevator	34
KET YT Slip Type Elevator Parts	35
KET HYT Slip Type Elevator	36
KET HYT Slip Type Elevator Parts	37
KET HYT-HSS Slip Type Elevator	38
KET HYT-HSS Slip Type Elevator Parts	39-40
KET YC Slip Type Elevator	41
KET YC 75 Ton Slip Type Elevator Parts	42
KET HYC 200 Ton Slip Type Elevator	43
KET HYC 200 Ton Slip Type Elevator Parts	44
KET HYC 200 Ton Slip Type Elevator Parts	45
KET HYC-XR 200 Ton Slip Type Elevator	46
KET HYC-XR 200 Ton Slip Type Elevator Parts	47
KET MYC 125 Ton Slip Type Elevator	48
KET MYC Slip Type Elevator Parts	49
Inserts for BJ™ Elevators YC thru 1000 Ton	50
Inserts for Varco™ Elevators/Spiders	51

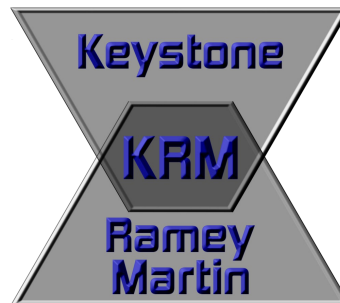
TABLE OF CONTENTS

KET TMA Elevator	52
KET MRA Center Latch Elevator	53
KET SLX-65 Side Door Elevator	54
KET SLX-150/250/350 Side Door Elevator	55
KET SLX-150/250/350 Side Door Elevator (18-22 5/8)	56
Elevators Continued	
KET MG Bottleneck Elevator	57
KET RG Bottleneck Elevator	58
KET MGG Bottleneck Elevator	59
KET GG Bottleneck Elevator	60
KET Bushing Type Elevator (MGG-GG)	61
KET HGG Bottleneck Elevator	62
KET Elevator Bore Code Information	63
KET Dual Tool Elevator-Spider	64-66
Beckets and Bails	67
KBX Insert Bushings	68
Safety Clamps	69-77
RMET Type MP Safety Clamps	69
RMET Type MP Safety Clamp Parts	70-71
RMET Type C Safety Clamps	72
RMET Type C Safety Clamp Parts	73-74
RMET Type T Safety Clamps	76
RMET Type T Safety Clamp Parts	77
Slip Lifting Device (SLD)	78-83
RMET Slip Lifting Device	78
RMET Slip Lifting Device Specifications	79
RMET Slip Lifting Device Pressure Regulator & Control Valve	80
RMET Slip Lifting Device Parts	81
RMET Slip Lifting Device for XP-1000	82-83
Safety Flex Handles	84-85
Drill Collar Slips	86-93
RMET Type A Drill Collar Slip	86
RMET Type A Drill Collar Slip Parts	87
RMET Type C-1 Drill Collar Slip	88
RMET Type C-1 Drill Collar Slip Parts	89-90
RMET Type DCS Drill Collar Slips	91
RMET Type DCS Drill Collar Slip Parts	92
RMET Type DCS Drill Collar Slip Button Inserts	93
Rotary Slips	94-100
RMET Type SD Rotary Slips	94
RMET Type SD Rotary Slip Parts	95
RMET Type SD Rotary Slip Inserts	96

TABLE OF CONTENTS

PRODUCTS	Page No.
RMET Type DU Rotary Slips	97
RMET Type DU Rotary Slip Inserts	98
RMET Type XD Rotary Slips/Replacement Parts/Inserts	99
RMET Type B Rotary Slips	100
Casing Slips	101-105
RMET Type CMSXL Casing Slips	101
RMET Type CMS Casing Slips Replacement parts	102
RMET Type UC-3 Casting Slips	103
RMET Type UC-3 Casing Slip Replacement Parts	104
RMET Type UC-4 Casing Slip	105
TS 100 BOWL & SLIPS	106-107
RMET 3 1/2" TS-100 Manual Tubing Spider	106
RMET 4 1/2" - 5 1/2" TS-100 Manual Tubing spider	107
8 5/8" API Bowl & False Rotary	108
Safety Make Up Stands	109
Tong Die Drivers	109
Tong Safety Handles & Bumpers	110
Tubing Tongs	111-114
RMET K-25 Lightweight Tubing Tong	111
RMET K-30 Manual Tubing Tong	112
RMET K-30 & K-50 Replacement parts	113
Dies For Tubing Tongs	114
Tong Line Blocks	115
Pipe Jacks and Rollers	116
ST-80 DIES & HOLDERS	117
Stabbing Guides	119-125
RMET Heavy Duty stabbing Guides	119
RMET Heavy Duty Stabbing Guides Parts	120
RMET Standard Rubber Stabbing Guides	121
RMET Standard Rubber Stabbing Guide Parts	122
RMET Heavy Duty Casing Stabbing Guides	123
RMET Heavy Duty Casing Stabbing Guide Parts	124-125
Miscellaneous Dies & Inserts	126-127
Key-Grit Inserts	128-129
Bowls & Accessories	130
Contact Information	Back Cover

ABOUT US



Keystone Ramey Martin (KRM) was founded in 2015 as a distribution center for tools manufactured by Keystone & Ramey Martin.

A Strategic Vision

KRM was a joint vision of the founders of Keystone Energy Tools and Ramey Martin Energy Tools, Joe Ramey, Jake Ramey, and Mark St. Martin. They envisioned offering inventory from both companies in strategic locations to better serve you.

Providing Unsurpassed Customer Service

KRM exist to serve customers in the O&G Industry with unsurpassed quality and service, and tools Made In the U.S.A.

Timing is Critical

KRM knows that “Timing is Critical”. In the O&G Industry “Timing is Everything.”

Understanding this was the impetus for founding KRM. Both Keystone and Ramey Martin both understand this principle. KRM aims to service you with same-day deliveries.

Equipped with Expertise and Product Knowledge

KRM provides knowledge, experience, and incomparable service; a trio rarely found among tool manufacturers today.

TERMS AND CONDITIONS

QUOTATIONS

All quotations are in US dollars and are F.O.B. Company's point of manufacturing origin, unless otherwise expressly stipulated. Quotations are valid for 30 days unless otherwise stated. Lighterage, wharfage or landing charges, dues, duties, or any other charges at destination are not included in quotations or indicated by list prices unless specifically stipulated. List price and discounts on all products are subject to change without notice. Prices in effect at time of shipment or delivery whether higher or lower will prevail.

TERMS OF PAYMENT

Unless otherwise specifically stated on the invoice, terms of payment are NET THIRTY DAYS following the date of the invoice and are subject to approved credit. Payments are accepted in US dollars only. Boxing, cartage, freight, insurance, and handling are always net. Interest at the maximum rate allowable by applicable law may be charged on past due accounts. Keystone Energy Tools, LLC (K.E.T.) reserves the right to revoke credit and suspend delivery if customer fails to make payment of an invoice when due.

DELIVERY

Our responsibility ceases upon delivery to any common carrier, and we do not, unless previously instructed, insure shipments beyond the point of delivery to such carrier. We make every effort to ship all materials within the time promised by us, but we do not guarantee to do so, and all such promises are subject to delays occasioned by causes beyond reasonable control.

PENALTY CLAUSES

No penalty clause of any description in any specification of an order will be effective unless approved in writing by an officer of K.E.T., LLC.

INSURANCE

We will place insurance as nearly as possible in accordance with our customer's written instructions but do so solely on behalf of our customers and assume no liability for placing, effectiveness, or otherwise in connection with such insurance or in case of breakage, damage or loss.

SHIPPING WEIGHT

All weights listed are approximate net weight only, unless otherwise specified, and do not include boxing. For approximate gross weight add 10% to net weight.

CANCELLATIONS AND RETURNS

Orders for equipment of special design, size, or materials are not subject to cancellation, and all other orders are subject to a cancellation charge after having been accepted by the prescribed company office or authority. Equipment altered or made to customer's specifications is subject to special prices and conditions.

WARRANTY

K.E.T., LLC. warrants goods of our manufacture for 12 months after date of shipment to be free from any defects in material and workmanship under normal use and service when installed, used, and serviced in the manner provided and intended by K.E.T., LLC. K.E.T.'s obligation under this warranty is limited to repair or replacement, at its option, if any products manufactured by K.E.T., LLC. and are returned F.O.B. to our plant and which we determine to be defective

Under no circumstances shall K.E.T., LLC. be liable for any consequential, special, incidental, punitive, or other damages resulting from or caused by any defective materials, products, or supplies, no charge for labor, transportation or other expense involved, to either repair allegedly defective goods outside our plant, or any other charge be allowed.

THIS IS THE SOLE WARRANTY OF K.E.T., LLC. AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY AS TO THE MERCHANTABILITY OR FITNESS FOR PARTICULAR USE OR PURPOSE.

FLOAT VALVE OVERVIEW

Valve Body

Keystone cages are manufactured for today's increasingly harsh drilling environment. All cages are cast out of alloy steel and are heat treated to a hardness equal to or less than 22 Rockwell C (≤ 22 Rockwell C 2 HR) to address the corrosive effects of hydrogen-sulfide gas (H₂S). Keystone's integral cages are manufactured from one-piece casting and are not welded together the way some other competitors produce their cages. This means that you receive a superior and more reliable cage.

*Stainless steel cages are available upon request.

Integral Plunger Valves

All of Keystone's plunger valves are machined from one solid piece of material to produce a more reliable float valve and reduce the risk of down hole valve failure. Other leading manufacturers use two separate pieces of material to construct their plungers, which are invariably either shrunk fit, screwed, or welded together.

Flapper Valves

All Keystone standard-service flapper valves are made of low-alloy steel and then case hardened for wear resistance, thus giving a longer operating life.

Elastomers

Available elastomers are nitrile butadiene (NBR, Buna-N) and Viton® (fluoroelastomer, FKM)(H₂S Applications)

*Standard Service Buna Nitrile (212 Deg F) Temperature Rating

*Hi-Temp Viton (450 Deg F) Temperature Rating

*H₂S Service Viton (450 Deg F) Temperature Rating

*Hi-Temp H₂S Viton (450 Deg F) Temperature Rating

Springs

Elgiloy, Inconel® or stainless steel springs come standard on all our valves. These high alloy springs are good for sour gas (H₂S) applications and are significantly more resistant to corrosion when compared with the standard-service springs provided by most other manufacturers.

Interchangeability

All Keystone drill-pipe float valves and replacement parts are manufactured to standard industry dimensions and are interchangeable with other major manufacturers' parts.

Sour-Gas (H₂S) Service

Available in both F and G models.

Operating Pressure

Standard valves - 7,500 PSI working pressure

High pressure stainless steel valves - 10,000 PSI working pressure

Note: If multiple Model G or Model F float valves are to be run in a string, it is **not** recommended that they be stacked. They should be separated to prevent the top valve from crushing. Coil tubing float valves may be stacked when they are run.

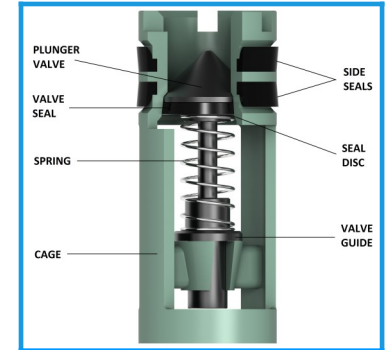
PLUNGER-TYPE VALVES

MODEL

F

PLUNGER TYPE-STANDARD

The Model F is a plunger-type float valve that provides a positive instantaneous shut off, providing constant fluid control while drilling. The Model F is a reliable and economical selection under standard drilling operations

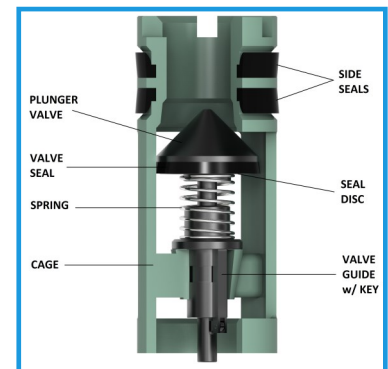


MODEL

FC

PLUNGER TYPE-AUTOMATIC FILL

The Model FC Automatic-Fill plunger-type float valve incorporates a unique key assembly and slotted valve stem to hold the plunger open during run in of the drill pipe and allows the pipe to fill from the bottom, saving time, reducing mess, and avoiding hazards. The plunger is automatically

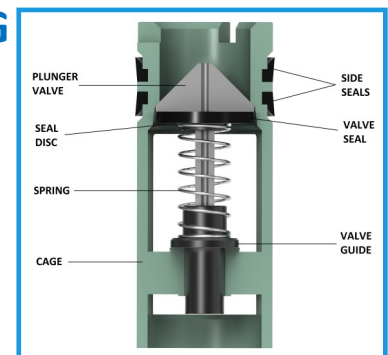


MODEL

FA

PLUNGER TYPE-PRESSURE MONITORING

The Model FA Pressure-Monitoring plunger-type float valve has a special port running through the plunger of the float valve. This valve is used when monitoring the bit head for gas pressure and allowing differential pressure measuring when required. The port also permits partial automatic fill during run in.



FLOAT VALVE INSTALLATION: Simply lubricate the side seals and slide the float valve into the cavity of the float sub or the bored-out drill collar. Caution: fill drill pipe regularly when going in the hole. Failure to do this can cause damage to the drill pipe and float valve.

Note: If multiple Model G or Model F float valves are to be run in a string, it is **not** recommended that they be stacked. They should be separated to prevent the top valve from crushing. Coil tubing float valves may be stacked when they are run.

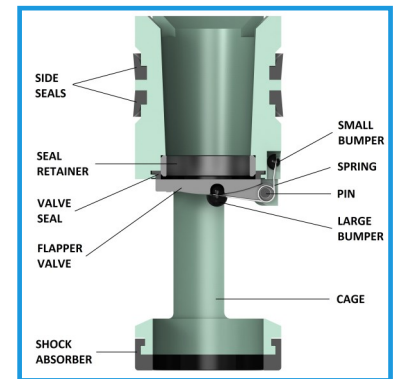
FLAPPER-TYPE VALVES

MODEL

G

FLAPPER TYPE-STANDARD

The Model G is a flapper-type float valve that, when opened, offers an unobstructed bore through the float valve. The uniquely designed flapper closes rapidly to prevent shavings from entering the drill string when circulation stops and also assists primary BOP equipment in maintaining internal pressure control. The valve will fully open when the first joint is raised from the hole, preventing pulling wet joints.

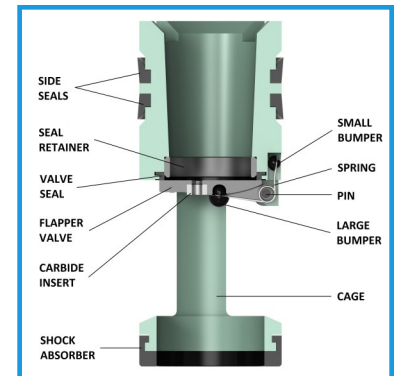


MODEL

GA

FLAPPER TYPE-PRESSURE MONITORING

The Model GA Pressure-Monitoring flapper-type float valve is indistinguishable from the Model G with the exception of a tungsten-carbide insert in the flapper valve. The insert has a quarter-inch orifice through the center that allows for differential pressure monitoring. The orifice also allows for partial automatic filling of the drill pipe during run in.

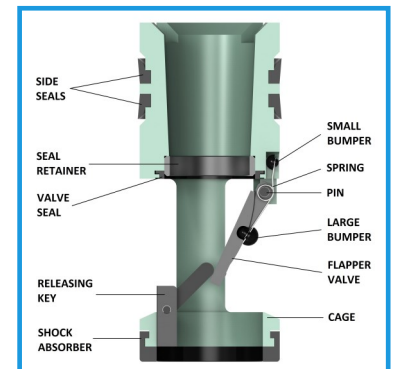


MODEL

GC

FLAPPER TYPE-AUTOMATIC FILL

The Model GC Automatic-Fill flapper-type float valve incorporates a unique self-releasing key assembly that holds the flapper partially open during run in, allowing the pipe to fill from the bottom. This eliminates the need for filling the drill pipe from the top, saving time and money. The valve will fully open when the first joint is raised from the hole, preventing pulling wet joints while avoiding the environmental and safety risks related to having mud on the rig floor. The valve can be run with the automatic-fill option or in the standard, closed position.

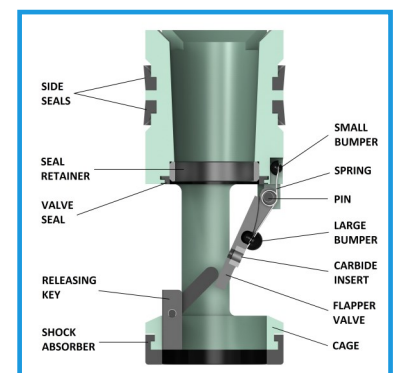


MODEL

GCA

FLAPPER TYPE-AUTO FILL PRESSURE MONITORING

The Model GCA Automatic-Fill/Pressure-Monitoring flapper-type float valve includes all the advantages of the Models G, GC, and GA. An unobstructed bore through the float valve, when open, permits automatic partial filling of the drill pipe from the bottom and measuring differential pressures when necessary.



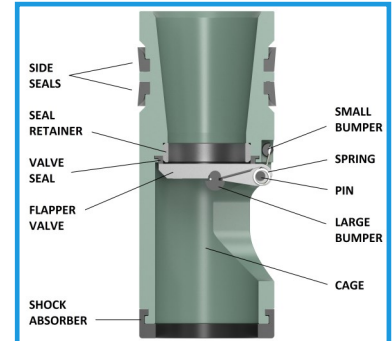
FLAPPER-TYPE VALVES

MODEL

GS

FLAPPER TYPE-HIGH FLOW WELLS

The Model GS is a flapper-type float valve designed for high flowing corrosive wells. The cage is designed to maximize the amount of flow possible through it, while maintaining its rated pressure. The GS valve uses a unique flapper made with a relief groove backed by a safe-guard pocket, protecting the pin and spring from excessive wear that can be caused by harsh-corrosive drilling environments. The GS are also stackable, allowing you to run two valves simultaneously.

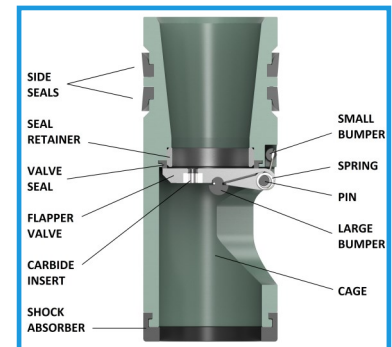


MODEL

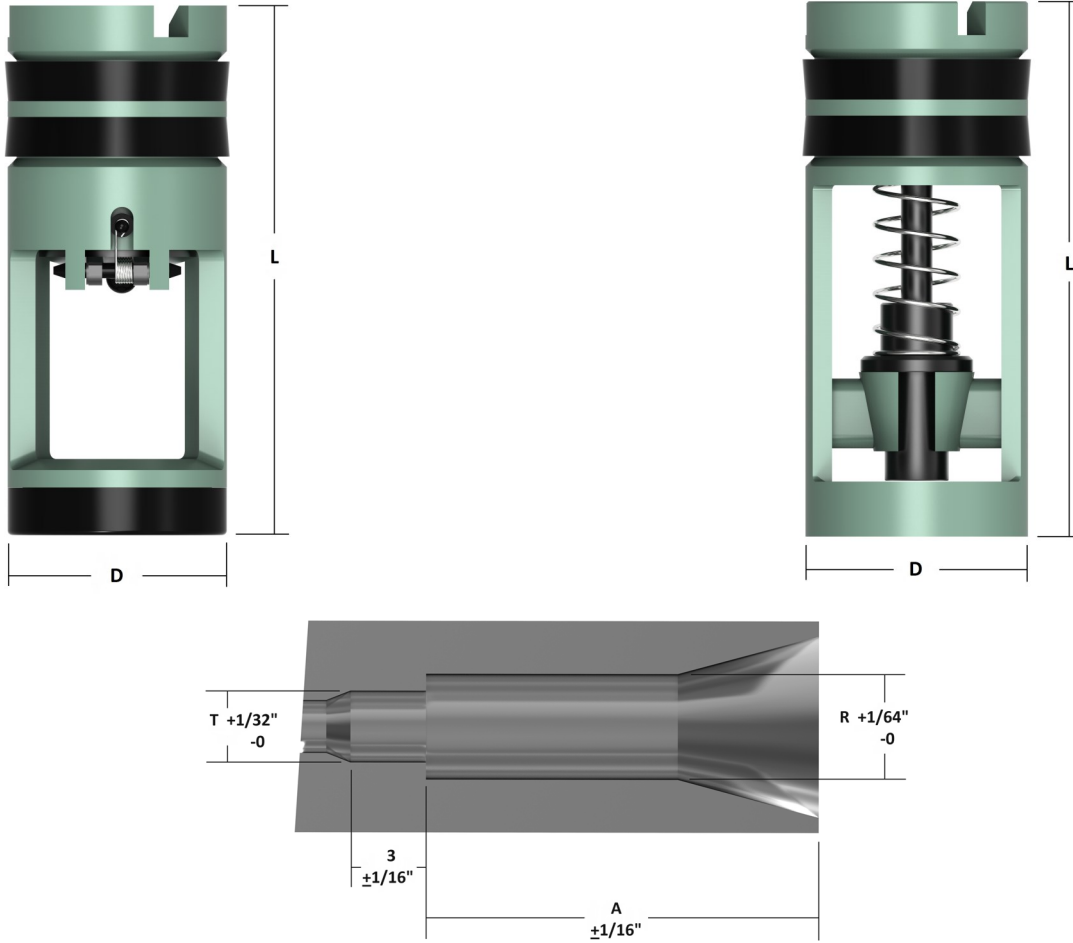
GAS

FLAPPER TYPE-HIGH FLOW PRESSURE MONITORING

The Model GAS is a flapper-type float valve designed for high flowing corrosive wells and Pressure-Monitoring. The GAS is indistinguishable from the GS with exception of a tungsten-carbide insert in the flapper valve. The orifice also allows for partial automatic filling of the drill pipe during run in.



DIMENSIONAL DATA



$A = L$ (Length of Float Valve) + Length of Tool Joint Pin + 1/4" Clearance

Valve Size	D Diameter of Valve	R (D + 1/32") Diameter Recess F/ Valve	L Valve Length	T* Baffle Plate Recess Diameter	Valve I.D. Model F	Valve I.D. Model G
1R	1-21/32"	1-11/16"	5-7/8"	1-5/16"	1"	N/A
1F-2R	1-29/32"	1-15/16"	6-1/4"	1-1/2"	1-1/4"	1"
2F-3R	2-13/32"	2-7/16"	6-1/2"	1-29/32"	1-9/16"	1-1/4"
3F	2-13/16"	2-27/32"	10"	2-7/16"	1-7/8"	1-5/8"
3.5IF	3-1/8"	3-5/32"	10"	2-11/16"	1-7/8"	1-5/8"
4R	3-15/32"	3-1/2"	8-5/16"	2-15/16"	2-5/16"	1-31/32"
4F	3-21/32"	3-11/16"	12"	3-1/4"	2-1/2"	2-3/16"
5R	3-7/8"	3-29/32"	9-3/4"	3-3/8"	2-3/4"	2-1/4"
5F-6R	4-25/32"	4-13/16"	11-3/4"	4-9/32"	3-1/4"	2-7/8"
6F	5-11/16"	5-23/32"	14-5/8"	5-3/16"	4-1/8"	N/A

* Disregard if this diameter is the same or smaller than the standard tool joint I.D

All 10M/15M Model F valve I.D.s are 1/8" reduced and all 10M/15M Model G Valves I.D.s are 7/32" reduced then listed above.

TOOL JOINT SPECIFICATION

TOOL JOINT TYPES	MODEL SIZES									
	1R	1F-2R	2F-3R	3F	3.5IF	4R	4F	5R	5F-6R	6F
API REGULAR	2-3/8"	2-7/8"	3-1/2"			4-1/2"		5-1/2" 5-9/16"*	6-5/8" 7-5/8"	8-5/8"
HUGHES OR REED ACME	2-3/8"	2-7/8"	3-1/2"			4-1/2"		5-1/2" 5-9/16"	6-5/8"	
UNION TOOL	2-3/8"	2-7/8" 3-1/2					4-1/2"	5-1/2" 5-9/16"*	6-5/8"†	
HUGHES OR REED DOUBLE STREAMLINE		2-7/8" 2-3/8"	3-1/2"	4" 4-1/2"			5"	5-1/2" 5-9/16"*		
API FULL HOLE		2-3/8"	2-7/8"	3-1/2"	4"	4-1/2"	4-1/2"*			6-5/8"*
REED ACME FULL HOLE				3-1/2"*			4-1/2"*		5-1/2" 5-9/16"*	
HUGHES ACME STREAMLINE		2-3/8"	2-7/8"	3-1/2" *			4-1/2"*		5-1/2" 5-9/16"*	
HUGHES XTRA HOLE			2-7/8"	3-1/2"			4-1/2"	5"	5-1/2" 5-9/16"*	
REED SEMI-INTERNAL FLUSH			2-7/8"	3-1/2"			4-1/2"	5"		
API INTERNAL FLUSH		2-3/8"	2-7/8"		3-1/2"		4"	4-1/2"*		
HYDRIL TYPE IF (INT. FLUSH EXT. UPSET)		2-3/8"*	2-7/8"*	3-1/2"*				4-1/2"	5"	
HYDRIL EIU (EXT. INT. UPSET)				3-1/2"		4"	4-1/2"		5-1/2" 5-9/16"*	6-5/8"
HYDRIL TYPE F (EXT. FLUSH)	2-7/8" 3-1/2"*			4-1/2" 5"		5-1/2" 5-9/16"		6-5/8"		
HUGHES EXT. FLUSH ACME		3-1/2"	4-1/2"			5-1/2" 5-9/16"		6-5/8"		
HUGHES EXT. FLUSH FULL HOLE				4-1/2"						

* Indicates that the float subs id these sizes have a smaller ID. † Indicates interchangeability. Models G and GA, are available in sizes 1F-2R thru 5F-6R. Models GC and GCA are available in sizes 2F-3R thru 5F-6R. Models F and FA are available in all sizes. Model FC is available in sizes 2F-3R thru 6F.

BIT AND SHANK SIZES

Bit Size (in.)	3-1/4	3-3/8	4-1/2	4-3/4	5-1/2	6	6-1/8	6-1/4	6-1/2	6-3/4	7-1/8	8-1/4	8-1/2	8-3/4	9-1/2	9-3/4	10-1/2	11	12-1/4	13-1/2	20	24	25
Std. API Pin Shank Size (in.)	2-3/8	2-3/8	2-3/8	2-7/8	3-1/2	3-1/2	3-1/2	3-1/2	3-1/2	3-1/2	4-1/2	4-1/2	4-1/2	4-1/2	6-5/8	6-5/8	6-5/8	6-5/8	6-5/8	6-5/8	7-5/8	7-5/8	7-5/8

BIT SUB INFORMATION

VALVE SIZE	THREAD SIZE	TOOL JOINT TYPE	STANDARD OD	FACE TO SHOULDER OR FACE TO FACE
1R	2-3/8"	API REGULAR	3-1/8"	18"
1F-2R	2-7/8"		3-3/4"	20"
2F-3R	3-1/2"		4-1/4"	20"
4R	4-1/2"		5-1/2"	24"
5R	5-1/2"		6-3/4"	28"
5F-6R	6-5/8"		7-3/4"	30"
5F-6R	7-5/8"		8-7/8"	30"
6F	8-5/8"		10"	30"
3F	3-1/2"	API FULL HOLE	4-5/8"	24"
3.5 IF	4"		5-1/4"	24"
4F	4-1/2"		5-3/4"	28"
5F-6R	5-1/2"		7"	30"
6F	6-5/8"		8"	30"
1F-2R	2-3/8"	API IF	3-3/8"	18"
2F-3R	2-7/8"	API IF BOX X PIN	4-1/8"	20"
3.5 IF	3-1/2"	API IF	4-3/4"	24"
4F	4"		5-3/4"	28"
5R	4-1/2"		6-3/8"	28"
5F-6R	5-1/2"		7-3/8"	30"
6F	6-5/8"		8-3/4"	30"

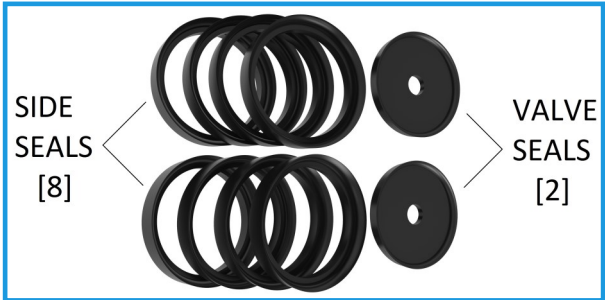
The information guide above is for reference purposes only. Please use appropriate API specifications when manufacturing these subs.

FLOAT VALVE REPAIR KITS

MODEL **F** MODEL **FC**

RUBBER REPAIR KIT F

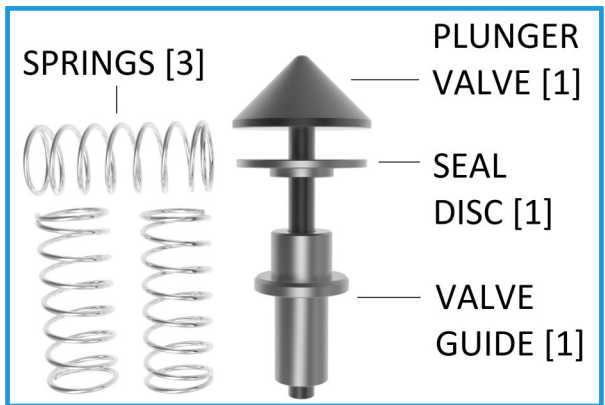
MODEL **FA**



MODEL **F** MODEL **FC**

METAL REPAIR KIT F

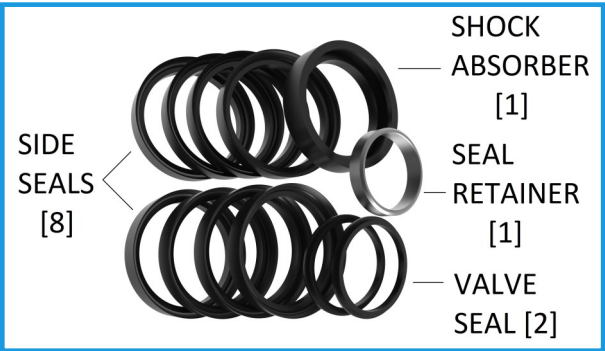
MODEL **FA**



MODEL **G** MODEL **GA**

RUBBER REPAIR KIT G

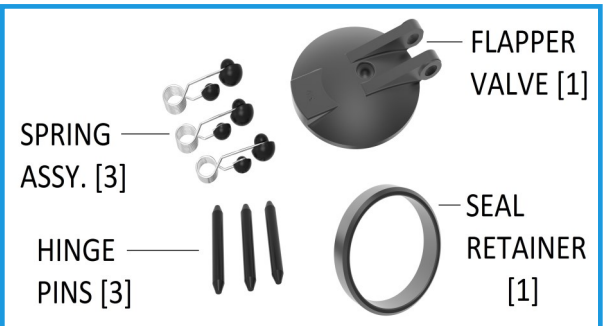
MODEL **GC** MODEL **GCA** MODEL **GS** MODEL **GAS**



MODEL **G** MODEL **GA**

METAL REPAIR KIT G

MODEL **GC** MODEL **GCA** MODEL **GS** MODEL **GAS**



VALVE PULLERS

MODEL

F

MODEL

FC

MODEL F (TOP) PULLER

The model F valve (top) puller is designed to remove float valves from the top of the sub. Simply squeeze the forks together and press against the head of the valve plunger. Once the forks are engaged with the cage the valve can be pulled. Disengage by sliding the separator away from the valve and squeezing the forks together and the puller can be removed.



MODEL

FA

MODEL

F

MODEL

FC

MODEL F (BOTTOM) PULLER

The Model F Valve Puller makes easy work of removing stuck or tight float valves from the sub or drill collar. Simply engage the special catch into the bottom of the float valve, rotate 90°, and then simply slide the bumper into the stop and the float valve is removed.



MODEL

FA

Note: when using the puller to remove a Model FC valve, special care must be taken when engaging the catch so that it does not make contact with the releasing key.

MODEL

G

MODEL

GA

MODEL G PULLER

The Model G Valve Puller is dual-purpose tool. In addition to removing tight or stuck float valves from subs or drill collars, it assists in removing and installing the seal-retaining ring when changing out the valve seal.



MODEL

GC

MODEL

GCA

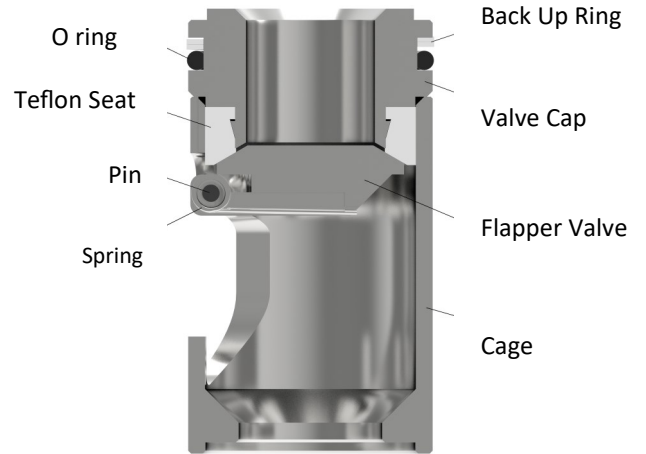
DUAL FLAPPER CHECK VALVES

MODEL **DFCV**

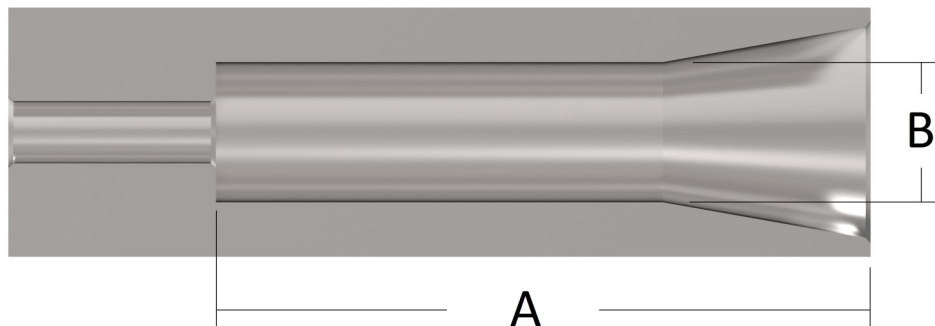
DUAL FLAPPER CHECK VALVE F/COIL TUBING

SIZE	ASSEMBLY	WEIGHT (lbs)	O.D	I.D	LENGTH EA.	STACKED LENGTH	SUB I.D/ B	SUB I.D/ A
1"	K480111100	1.00	.990"	.560"	3.000"	5.875"	1.000"	5.886"
1 1/4"	K480111200	1.01	1.245"	.578"	2.520"	5.040"	1.255"	5.065"
1 5/16"	K480111400	1.10	1.305"	.688"	2.375"	4.690"	1.313"	4.705"
1 1/2"	K480111500	1.22	1.490"	.810"	2.720"	5.380"	1.500"	5.405"
1 11/16"	K480112100	1.45	1.680"	1.020"	2.720"	5.380"	1.688"	5.405"
1 7/8" /1F-2R	K480113100	1.6	1.900	1.000	3.940	7.880	1.910	7.905

- Cages, caps , and flappers are manufactured from heat-treated stainless steel.
- Elgiloy springs
- Viton elastomers.
- Working Pressure 10,000 PSI
- Stackable



$$A = SL \text{ (Stacked Length)} + \text{Length of Tool Joint Pin } +.063'' \text{ } +.010/-.000$$



STANDARD SERVICE VALVES

MODEL **F**

PLUNGER TYPE

SIZE	ASSEMBLY	WEIGHT (lbs)	METAL REPAIR KIT	WEIGHT (lbs)	RUBBER REPAIR KIT	WEIGHT (lbs)	TOP PULLER ASSEMBLY	WEIGHT (lbs)	BOTTOM PULLER ASSEMBLY	WEIGHT (lbs)
1R	K480131200	1.44	K15929800	0.37	K16012200	0.28	N/A	N/A	K911200	12.4
1F-2R	K480131422	1.68	K16011300	0.47	K16012300	0.35	N/A	N/A	K911200	12.4
2F-3R	K480132432	3.05	K16011400	0.91	K16012400	0.55	K933600	4.26	K912432	12.65
3F	K480133400	5.63	K16011500	1.42	K16012500	0.60	K933600	4.26	K913400	13.05
3.5 IF	K480133600	7.08	K16011500	1.42	K16012600	0.94	K933600	4.26	K913400	13.05
4R	K480134200	7.3	K16011700	2.25	K16012700	1.09	K934200	8.7	K914200	8.0
4F	K480134400	9.9	K16011800	2.95	K16012800	0.88	K934210	9.0	K914400	13.4
5R	K480135200	10.58	K16011900	3.68	K16012900	1.0	K934225	8.7	K914400	13.4
5F-6R	K480135462	18.01	K16012000	4.910	K16013000	1.23	K934250	12.25	K914400	13.4
6F	K480136400	27.63	K16012100	8.48	K16013100	1.95	K934265	9.0	K916400	13.0

MODEL **FA**

PLUNGER TYPE-PRESSURE MONITORING

SIZE	ASSEMBLY	WEIGHT (lbs)	METAL REPAIR KIT	WEIGHT (lbs)	RUBBER REPAIR KIT	WEIGHT (lbs)	TOP PULLER ASSEMBLY	WEIGHT (lbs)	BOTTOM PULLER ASSEMBLY	WEIGHT (lbs)
1R	K480121200	1.5	K15929805	1.0	K16012200	0.1	N/A	N/A	K911200	6.0
1F-2R	K480121422	1.5	K16011305	1.0	K16012300	0.1	N/A	N/A	K911200	6.0
2F-3R	K480122432	2.5	K16011405	2.0	K16012400	0.8	K933600	8.0	K912432	8.0
3F	K480123400	5.0	K16011505	2.0	K16012500	1.0	K933600	10.0	K913400	10.0
3.5 IF	K480123600	5.0	K16011505	2.0	K16012605	1.0	K933600	10.0	K913400	10.0
4R	K480124200	7.0	K16011705	2.0	K16012700	1.0	K934200	12.0	K914200	12.0
4F	K480124400	9.5	K16011805	2.0	K16012800	1.0	K934210	13.0	K914400	13.4
5R	K480125200	9.5	K16011905	3.5	K16012900	1.0	K934225	15.0	K914400	13.4
5F-6R	K480125462	16.0	K16012005	5.0	K16013000	1.1	K934250	19.0	K914400	13.4
6F	K480126400	28.0	K16012105	5.0	K16013100	1.2	K934265	21.0	K916400	21.0

MODEL **FC**

PLUNGER TYPE-AUTOMATIC FILL

SIZE	ASSEMBLY	WEIGHT (lbs)	METAL REPAIR KIT	WEIGHT (lbs)	RUBBER REPAIR KIT	WEIGHT (lbs)	TOP PULLER ASSEMBLY	WEIGHT (lbs)	BOTTOM PULLER ASSEMBLY	WEIGHT (lbs)
2F-3R	K480182432	2.5	K70017100	2.0	K16012400	0.8	K933600	8.0	K912432	8.0
3F	K480183400	5.0	K70017300	2.0	K16012500	1.0	K933600	10.0	K913400	10.0
3.5 IF	K480183600	5.0	K70017300	2.0	K16012600	1.0	K933600	10.0	K913400	10.0
4R	K480184200	7.0	K70017400	2.0	K16012700	1.0	K934200	12.0	K914200	12.0
4F	K480184400	9.5	K70017500	3.0	K16012800	1.0	K934210	13.0	K914400	13.4
5R	K480185200	9.5	K70017600	4.0	K16012900	1.0	K934225	15.0	K914400	13.4
5F-6R	K480185462	16.0	K70017700	5.0	K16013000	1.1	K934250	19.0	K914400	13.4
6F	K480186400	28.0	K70017800	5.0	K16013100	2.0	K934265	21.0	K916400	21.0

Quality Delivered.

STANDARD SERVICE VALVES

MODEL **G**

FLAPPER TYPE

SIZE	ASSEMBLY	WEIGHT (lbs)	METAL REPAIR KIT	WEIGHT (lbs)	RUBBER REPAIR KIT	WEIGHT (lbs)	PULLER ASSEMBLY	WEIGHT (lbs)
1F-2R	K480151422	2.0	K51988400	0.7	K51988300	0.5	K901422	7.0
2F-3R	K480152432	3.5	K16013200	0.8	K16013800	0.6	K902432	8.0
3F	K480153400	5.0	K16013300	1.0	K16013900	1.0	K903400	10.0
3.5 IF	K480153600	5.5	K16013300	1.0	K51982000	1.0	K903400	10.0
4R	K480154200	7.0	K16013400	1.1	K16014000	1.5	K904200	12.0
4F	K480154400	8.0	K16013500	1.4	K16014100	1.6	K904400	13.0
5R	K480155200	9.0	K16013600	1.6	K16014200	1.6	K905200	15.0
5F-6R	K480155462	18.0	K16013700	1.8	K16014300	2.0	K905462	19.0

MODEL **GA**

FLAPPER TYPE-PRESSURE MONITORING

SIZE	ASSEMBLY	WEIGHT (lbs)	METAL REPAIR KIT	WEIGHT (lbs)	RUBBER REPAIR KIT	WEIGHT (lbs)	PULLER ASSEMBLY	WEIGHT (lbs)
1F-2R	K480161422	2.0	K52070800	0.7	K51988300	0.5	K901422	7.0
2F-3R	K480162432	3.5	K17135000	0.8	K16013800	0.6	K902432	8.0
3F	K480163400	5.0	K17136700	1.0	K16013900	1.0	K903400	10.0
3.5 IF	K480163600	5.5	K17136700	1.0	K51982000	1.0	K903400	10.0
4R	K480164200	7.0	K17116000	1.1	K16014000	1.5	K904200	12.0
4F	K480164400	8.0	K17136800	1.4	K16014100	1.6	K904400	13.0
5R	K480165200	9.0	K17136900	1.6	K16014200	1.6	K905200	15.0
5F-6R	K480165462	18.0	K17134200	1.8	K16014300	2.0	K905462	19.0

MODEL **GC**

FLAPPER TYPE-AUTOMATIC FILL

SIZE	ASSEMBLY	WEIGHT (lbs)	METAL REPAIR KIT	WEIGHT (lbs)	RUBBER REPAIR KIT	WEIGHT (lbs)	PULLER ASSEMBLY	WEIGHT (lbs)
2F-3R	K480192432	3.5	K16013200	0.8	K16013800	0.6	K902432	8.0
3F	K480193400	5.0	K16013300	1.0	K16013900	1.0	K903400	10.0
3.5 IF	K480193600	5.5	K16013300	1.0	K51982000	1.0	K903400	10.0
4R	K480194200	7.0	K16013400	1.1	K16014000	1.5	K904200	12.0
4F	K480194400	8.0	K16013500	1.4	K16014100	1.6	K904400	13.0
5R	K480195200	9.0	K16013600	1.6	K16014200	1.6	K905200	15.0
5F-6R	K480195462	18.0	K16013700	1.8	K16014300	2.0	K905462	19.0

Quality Delivered.

STANDARD SERVICE VALVES

MODEL

GCA**FLAPPER TYPE-AUTO FILL-PRESSURE MONITORING**

SIZE	ASSEMBLY	WEIGHT (lbs)	METAL REPAIR KIT	WEIGHT (lbs)	RUBBER REPAIR KIT	WEIGHT (lbs)	PULLER ASSEMBLY	WEIGHT (lbs)
2F-3R	K480192433	3.5	K17135000	0.8	K16013800	0.6	K902432	8.0
3F	K480193401	5.0	K17136700	1.0	K16013900	1.0	K903400	10.0
3.5 IF	K480193601	5.5	K17136700	1.0	K51982000	1.0	K903400	10.0
4R	K480194201	7.0	K17116000	1.1	K16014000	1.5	K904200	12.0
4F	K480194401	8.0	K17136800	1.4	K16014100	1.6	K904400	13.0
5R	K480195201	9.0	K17136900	1.6	K16014200	1.6	K905200	15.0
5F-6R	K480195463	18.0	K17134200	1.8	K16014300	2.0	K905462	19.0

MODEL

GS**FLAPPER TYPE**

SIZE	ASSEMBLY	WEIGHT (lbs)	METAL REPAIR KIT	WEIGHT (lbs)	RUBBER REPAIR KIT	WEIGHT (lbs)	PULLER ASSEMBLY	WEIGHT (lbs)
3.5 IF	K480603600	7.0	K16013300-GS	0.94	K51982000	1.42	K903400	10.0
4R	K480604200	9.0	K16013400-GS	1.09	K16014000	2.25	K904200	12.0
4F	K480604400	10.0	K16013500-HS	0.88	K16014100	2.95	K904400	13.0
5R	K480605200	11.0	K16013600-GS	1.0	K16014200	3.68	K905200	15.0
5F-6R	K480605462	20.0	K16013700-GS	1.23	K16014300	4.91	K905462	19.0

MODEL

GAS**FLAPPER TYPE-PRESSURE MONITORING**

SIZE	ASSEMBLY	WEIGHT (lbs)	METAL REPAIR KIT	WEIGHT (lbs)	RUBBER REPAIR KIT	WEIGHT (lbs)	PULLER ASSEMBLY	WEIGHT (lbs)
3.5 IF	K480563600	7.0	K17136700-GAS	1.42	K16012600	0.94	K903400	10.0
4R	K480465200	9.0	K17116000-GAS	2.25	K16012700	1.09	K904200	12.0
4F	K480564400	10.0	K17136800-GAS	2.95	K16012800	0.88	K904400	13.0
5R	K480565200	11.0	K17136900-GAS	3.68	K16012900	1	K905200	15.0
5F-6R	K480565462	20.0	K17134200-GAS	4.91	K16013000	1.23	K905462	19.0

Quality Delivered.

H₂S/HIGH TEMP SERVICE VALVES

MODEL **F**

PLUNGER TYPE

SIZE	ASSEMBLY	WEIGHT (lbs)	METAL REPAIR KIT	WEIGHT (lbs)	RUBBER REPAIR KIT	WEIGHT (lbs)	TOP PULLER ASSEMBLY	WEIGHT (lbs)	BOTTOM PULLER ASSEMBLY	WEIGHT (lbs)
1R	K480301200	1.5	K15929800	1.0	K71081701	0.5	N/A	N/A	K911200	6.0
1F-2R	K480301422	1.5	K16011300	2.0	K71081801	0.7	N/A	N/A	K911200	6.0
2F-3R	K480302432	2.5	K16011400	2.0	K71081901	0.8	K933600	8.0	K912432	8.0
3F	K480303400	5.0	K16011500	2.0	K71082001	1.0	K933600	10.0	K913400	10.0
3.5 IF	K480303600	5.0	K16011500	2.0	K71082101	1.0	K933600	10.0	K913400	10.0
4R	K480304200	7.0	K16011700	2.0	K71082201	1.0	K934200	12.0	K914200	12.0
4F	K480304400	9.5	K16011800	3.0	K71082301	1.0	K934210	13.0	K914400	13.4
5R	K480305200	9.5	K16011900	4.0	K71082401	1.0	K934225	15.0	K914400	13.4
5F-6R	K480305462	16.0	K16012000	5.0	K71082501	1.1	K934250	19.0	K914400	13.4
6F	K480306400	28.0	K16012100	5.0	K71082601	2.0	K934265	21.0	K916400	21.0

MODEL **FA**

PLUNGER TYPE-PRESSURE MONITORING

SIZE	ASSEMBLY	WEIGHT (lbs)	METAL REPAIR KIT	WEIGHT (lbs)	RUBBER REPAIR KIT	WEIGHT (lbs)	TOP PULLER ASSEMBLY	WEIGHT (lbs)	BOTTOM PULLER ASSEMBLY	WEIGHT (lbs)
1F-2R	K480351422	1.62	K16011305	1.0	K71081801	0.4	N/A	N/A	K911200	6.0
2F-3R	K480352432	2.5	K16011405	2.0	K71081901	0.8	K933600	8.0	K912432	8.0
3F	K480353400	5.0	K16011505	2.0	K71082001	1.0	K933600	10.0	K913400	10.0
3.5 IF	K480353600	5.0	K16011505	2.0	K71082101	1.0	K933600	10.0	K913400	10.0
4R	K480354200	7.0	K16011705	2.0	K71082201	1.0	K934200	12.0	K914200	12.0
5R	K480355200	10.5	K16011905	3.7	K71082401	1.2	K934225	8.7	K914400	13.4
5F-6R	K480355462	16.0	K16012005	5.0	K71082501	1.1	K934250	19.0	K914400	13.4

MODEL **F-10**

PLUNGER TYPE-10,000 PSI STAINLESS STEEL H₂S/HIGH TEMP SERVICE VALVES

SIZE	ASSEMBLY	WEIGHT (lbs)	METAL REPAIR KIT	WEIGHT (lbs)	RUBBER REPAIR KIT	WEIGHT (lbs)	TOP PULLER ASSEMBLY	WEIGHT (lbs)	BOTTOM PULLER ASSEMBLY	WEIGHT (lbs)
2F-3R	K480132432-10	3.05	K16011400-10	.91	K71081901	0.8	K933600	8.0	K912432	8.0
3.5 IF	K480133600-10	7.08	K16011500-10	1.42	K71082101	1.0	K933600	10.0	K913400	10.0
4R	K480134200-10	7.3	K16011700-10	2.25	K71082201	1.0	K934200	12.0	K914200	12.0
5R	K480135200-10	10.58	K16011900-10	3.71	K71082401	1.2	K934225	8.7	K914400	13.4
5F-6R	K480135462-10	18.01	K16012000-10	5.0	K71082501	1.1	K934250	19.0	K914400	13.4

MODEL **F-15**

PLUNGER TYPE-15,000 PSI STAINLESS STEEL H₂S/HIGH TEMP SERVICE VALVES

SIZE	ASSEMBLY	WEIGHT (lbs)	METAL REPAIR KIT	WEIGHT (lbs)	RUBBER REPAIR KIT	WEIGHT (lbs)	TOP PULLER ASSEMBLY	WEIGHT (lbs)	BOTTOM PULLER ASSEMBLY	WEIGHT (lbs)
2F-3R	K480132432-15	3.05	K16011400-15	.91	K71081901	0.8	K933600	8.0	K912432	8.0
3.5 IF	K480133600-15	7.08	K16011500-15	1.42	K71082101	1.0	K933600	10.0	K913400	10.0
4R	K480134200-15	7.3	K16011700-15	2.25	K71082201	1.0	K934200	12.0	K914200	12.0
5R	K480135200-15	10.58	K16011900-15	3.71	K71082401	1.2	K934225	8.7	K914400	13.4
5F-6R	K480135462-15	18.01	K16012000-15	5.0	K71082501	1.1	K934250	19.0	K914400	13.4

*NOTE -10,000 & 15,000 PSI drill pipe float valves I.D's are reduced by 1/8". Refer to [page 12](#) for all other dimensions except for valve I,D's

H₂S/HIGH TEMP SERVICE VALVES

MODEL **G**

FLAPPER TYPE

SIZE	ASSEMBLY	WEIGHT (lbs)	METAL REPAIR KIT	WEIGHT (lbs)	RUBBER REPAIR KIT	WEIGHT (lbs)	PULLER ASSEMBLY	WEIGHT (lbs)
1F-2R	K480311422	2.0	K51997300	0.7	K51997200	0.5	K901422	N/A
2F-3R	K480312432	3.5	K71085901	0.8	K71082701	0.6	K902432	8.0
3F	K480313400	5.0	K71086001	1.0	K71082801	1.0	K903400	10.0
3.5 IF	K480313600	5.5	K71086001	1.0	K52125001	1.0	K903400	10.0
4R	K480314200	7.0	K71086101	1.1	K71082901	1.5	K904200	12.0
4F	K480314400	8.0	K71086201	1.4	K71083001	1.6	K904400	13.0
5R	K480315200	9.0	K71086301	1.6	K71083101	1.6	K905200	15.0
5F-6R	K480315462	18.0	K71086401	1.8	K71083201	2.0	K905462	19.0

MODEL **GA**

FLAPPER TYPE-PRESSURE MONITORING

SIZE	ASSEMBLY	WEIGHT (lbs)	METAL REPAIR KIT	WEIGHT (lbs)	RUBBER REPAIR KIT	WEIGHT (lbs)	PULLER ASSEMBLY	WEIGHT (lbs)
1F-2R	K480261422	2.0	K52070801	0.7	K51997200	0.5	K901422	7.0
2F-3R	K480262432	3.5	K17135001	0.8	K71082701	0.6	K902432	8.0
3F	K480263400	5.0	K17136701	1.0	K71082801	1.0	K903400	10.0
3.5 IF	K480263600	5.0	K17136701	1.0	K52125001	1.0	K903400	10.0
4R	K480264200	7.0	K17116001	1.1	K71082901	1.5	K904200	12.0
4F	K480264400	8.0	K17136801	1.4	K71083001	1.6	K904400	13.0
5R	K480265200	9.0	K17136901	1.6	K71083101	1.6	K905200	15.0
5F-6R	K480265462	12.0	K17134201	1.8	K71083201	2.0	K905462	19.0

MODEL **GC**

FLAPPER TYPE-AUTOMATIC FILL

SIZE	ASSEMBLY	WEIGHT (lbs)	METAL REPAIR KIT	WEIGHT (lbs)	RUBBER REPAIR KIT	WEIGHT (lbs)	PULLER ASSEMBLY	WEIGHT (lbs)
2F-3R	K480332432	3.5	K71085901	0.8	K71082701	0.6	K902432	8.0
3F	K480333400	5.0	K71086001	1.0	K71082801	1.0	K903400	10.0
3.5 IF	K480333600	5.0	K71086001	1.0	K52125001	1.0	K903400	10.0
4R	K480334200	7.0	K71086101	1.1	K71082901	1.5	K904200	12.0
4F	K480334400	8.0	K71086201	1.4	K71083001	1.6	K904400	13.0
5R	K480335200	9.0	K71086301	1.6	K71083101	1.6	K905200	15.0
5F-6R	K480335462	12.0	K71086401	1.8	K71083201	2.0	K905462	19.0

MODEL **GCA**

FLAPPER TYPE-AUTO FILL-PRESSURE MONITORING

SIZE	ASSEMBLY	WEIGHT (lbs)	METAL REPAIR KIT	WEIGHT (lbs)	RUBBER REPAIR KIT	WEIGHT (lbs)	PULLER ASSEMBLY	WEIGHT (lbs)
2F-3R	K480452433	3.5	K17135001	0.8	K71082701	0.6	K902432	8.0
3F	K480453401	5.0	K17136701	1.0	K71082801	1.0	K903400	10.0
3.5 IF	K480453601	5.5	K52075502	1.0	K52125001	1.0	K903400	10.0
4R	K480454201	7.73	K17116002	1.1	K71082901	1.5	K904200	12.0
4F	K480454401	8.0	K17136801	1.4	K71083001	1.6	K905200	15.0
5R	K480455201	9.0	K17136901	1.6	K71083101	1.6	K905200	15.0
5F-6R	K480455463	18.0	K17134201	1.8	K71083201	2.0	K905462	19.0

Quality Delivered.

H₂S/HIGH TEMP SERVICE VALVES

MODEL **G-10** FLAPPER TYPE-10,000 PSI H₂S/HIGH TEMP SERVICE VALVES

SIZE	ASSEMBLY	WEIGHT (lbs)	METAL REPAIR KIT	WEIGHT (lbs)	RUBBER REPAIR KIT	WEIGHT (lbs)	PULLER ASSEMBLY	WEIGHT (lbs)
2F-3R	K480152432-10M	3.5	K71085901-10M	0.8	K71082701-10M	0.6	K902432	8.0
3.5IF	K480313600-10M	5.5	K71086001-10M	1.0	K52125001-10M	1.0	K903400	10.0
4R	K480154200-10M	7.73	K71086101-10M	1.1	K71082901-10M	1.5	K904200	12.0
5R	K480155200-10M	9.0	K71086301-10M	1.6	K71083101-10M	1.6	K905200	15.0
5F-6R	K480155462-10M	18.0	K16013700-10M	1.8	K71083201-10M	2.0	K905462	19.0

*NOTE - 10,000 PSI drill pipe float valves I.D's are reduced by 7/32". Refer to [page 12](#) for all other dimensions except for valve I,D's.

MODEL **G-15** FLAPPER TYPE-15,000 PSI H₂S/HIGH TEMP SERVICE VALVES

SIZE	ASSEMBLY	WEIGHT (lbs)	METAL REPAIR KIT	WEIGHT (lbs)	RUBBER REPAIR KIT	WEIGHT (lbs)	PULLER ASSEMBLY	WEIGHT (lbs)
2F-3R	K480152432-15M	3.5	K71085901-15M	0.8	K71082701-15M	0.6	K902432	8.0
3.5IF	K480313600-15M	5.5	K71086001-15M	1.0	K52125001-15M	1.0	K903400	10.0
4R	K480154200-15M	7.73	K71086101-15M	1.1	K71082901-15M	1.5	K904200	12.0
5R	K480155200-15M	9.0	K71086301-15M	1.6	K71083101-15M	1.6	K905200	15.0
5F-6R	K480155462-15M	18.0	K16013700-15M	1.8	K71083201-15M	2.0	K905462	19.0

*NOTE - 15,000 PSI drill pipe float valves I.D's are reduced by 7/32". Refer to [page 12](#) for all other dimensions except for valve I,D's.

MODEL **GS** FLAPPER TYPE H₂S/HIGH TEMP SERVICE VALVES

SIZE	ASSEMBLY	WEIGHT (lbs)	METAL REPAIR KIT	WEIGHT (lbs)	RUBBER REPAIR KIT	WEIGHT (lbs)	PULLER ASSEMBLY	WEIGHT (lbs)
3.5 IF	K480683600	7.0	K71086001-GS	0.94	K52125001	1.42	K903400	10.0
4R	K480684200	9.0	K71086101-GS	1.09	K71082901	2.25	K904200	12.0
4F	K480684400	10.0	K71086200-GS	0.88	K91083001	2.95	K904400	13.0
5R	K480685200	11.0	K71086301-GS	1.0	K71083101	3.68	K905200	15.0
5F-6R	K480685462	20.0	K71086401-GS	1.23	K71083201	4.91	K905462	19.0

MODEL **GAS** FLAPPER TYPE-PRESSURE MONITORING H₂S/HIGH TEMP SERVICE VALVES

SIZE	ASSEMBLY	WEIGHT (lbs)	METAL REPAIR KIT	WEIGHT (lbs)	RUBBER REPAIR KIT	WEIGHT (lbs)	PULLER ASSEMBLY	WEIGHT (lbs)
3.5 IF	K480693600	7.0	K17136701-GAS	1.42	K52125001	0.94	K903400	10.0
4R	K480694200	9.0	K17116001-GAS	2.25	K71082901	1.09	K904200	12.0
4F	K480694400	10.0	K17136801-GAS	2.95	K71083001	0.88	K904400	13.0
5R	K480695200	11.0	K17136901-GAS	3.68	K71083101	1	K905200	15.0
5F-6R	K480695462	20.0	K17134201-GAS	4.91	K71083201	1.23	K905462	19.0

BAFFLE PLATES

BAFFLE PLATES

Baffle plates can be placed on top of the drill-pipe float valve or the drill bit to help prevent damage from recorders or other wire-line tools that are dropped down the string.

BAFFLE PLATES

RING AND SPIDER TYPE



RING TYPE



SPIDER TYPE

PART NO.	CONNECTION TYPE/SIZE	DPFV SIZE	TYPE	WEIGHT (lbs)	BAFFLE PLATE OD
K-91701 **	2-7/8" API REG	1F-2R	SPIDER	0.5	1.94
K-91702 **	3-1/2" API REG	2F-3R	RING	0.4	2.28
K-91703 **	4-1/2" API REG	4R	RING	0.8	3.22
K-91704 **	5-9/16" API REG	5R	RING	1.3	3.87
K-91705 **	6-5/8" API REG	5F-6R	RING	1.5	4.63
K-91706 **	7-5/8" API REG	5F-6R	RING	1.7	5.33
K-91707 **	8-5/8" API REG	6F	RING	2.2	6.18
K-91711 ***	REPLACED BY K-91721	3F	SPIDER	0.6	2.75
K-91712 ***	4-1/2" API FH	4F	RING	0.9	3.36
K-91713 ***	5-9/16" API FH	5F-6R	RING	1.5	4.63
K-91714 **	6-5/8" API FH	6F	RING	2.2	5.45
K-91721 *	3-1/2" API FH	3F	SPIDER	0.6	2.63
K-91722*	4-1/2" API FH 4-1/2" API REG 5-9/16" API REG	4F 4R 5R	SPIDER	0.7	3.44
K-91723*	5-9/16" FH 6-5/8" FH/ 6-5/8" REG	5F-6R 5F-6R	SPIDER	1.0	4.68
K-91724 *	6-5/8" API FH	6F	SPIDER	1.0	6.56
K-91725 *	3-1/2" API IF	3.5IF	SPIDER	0.6	3.06
K-91726 *	REPLACED BY K-91722	5R	SPIDER	0.8	3.76
K-91741 ***	3-1/2" API IF	3.5IF	RING	0.7	3.06
K-91742 ***	4-1/2" API IF	5R	RING	1.6	4.22
K-91743 ***	2-7/8" API IF	2F-3R	SPIDER	0.7	2.44
K-91744 ***	4" API IF / 4-1/2" XH	4F	RING	1.0	3.88

* For use on float. **For use on bit. ***For use in joint.

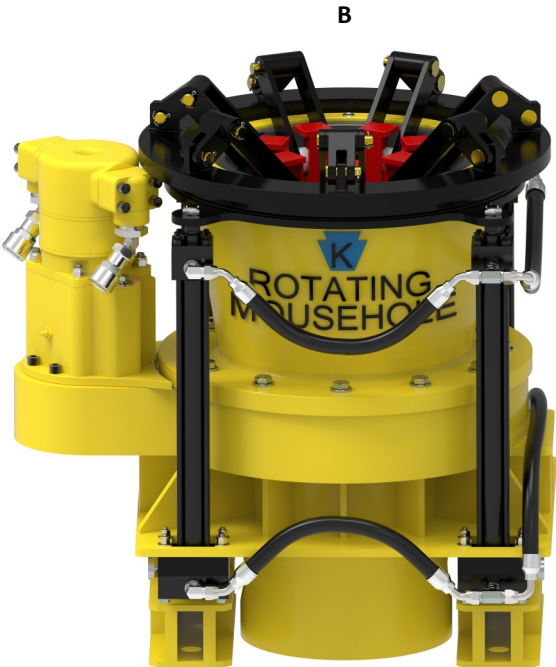
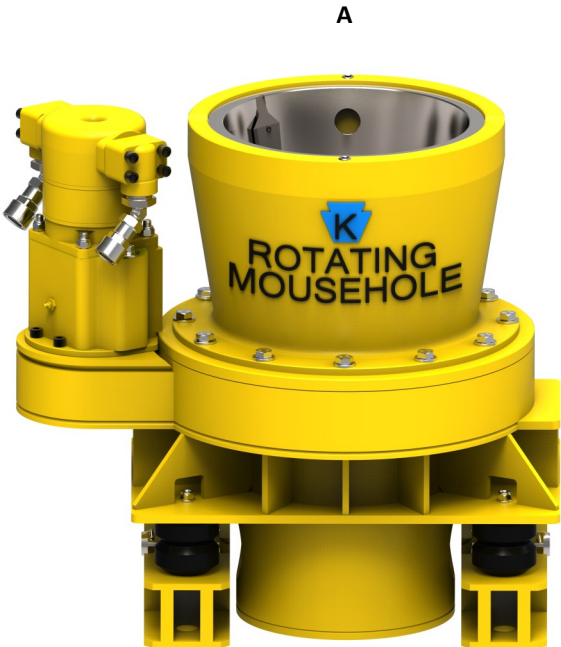
KET ROTATING MOUSEHOLE

The Rotating Mouse-hole allows the drilling crew to quickly and efficiently build stands simultaneously while drilling ahead with the top drive. By utilizing pre-assembled stands connection time is reduced by as much as 66%.

- ▶ Available in pneumatic or hydraulic
- ▶ Installs flush with the rig floor
- ▶ Rotates tubular below the rig floor

ROTATING MOUSEHOLE

ITEM	PART NO.	DESCRIPTION
A	RMH-50010	Rotating Mouse-Hole Complete w/Pneumatic Motor, #3 Bowl, #3 Bowl Puller, Retrieving Tool, Variable Speed Hand Control Valve, 3ea. 30' x 1" Air Hoses, and Mouse-hole Hanger Cap.
A	RMH-50050	Rotating Mouse-Hole Complete w/Hydraulic Motor, #3 Bowl, #3 Bowl Puller, Retrieving Tool, Variable Speed Hand Control Valve, 2ea. 30' x 1/2" Hydraulic Hoses, and Mouse-hole Hanger Cap.
B	RMH-50550-G3	ROTATING MOUSEHOLE COMPLETE WITH SLIP LIFTING DIVICE STD. HYD. MTR, #3 BOWL PULLER, LAND & , RET.TOOL, DUAL CONTROL VALVE, & 4EA. 30' HYDRAULIC HOSES



ELEVATOR OVERVIEW

CASTINGS

Keystone elevators are made in the USA and are built to meet or exceed API specification 8C requirements. All elevators are made using high-alloy heat treated steel.

DOCUMENTATION

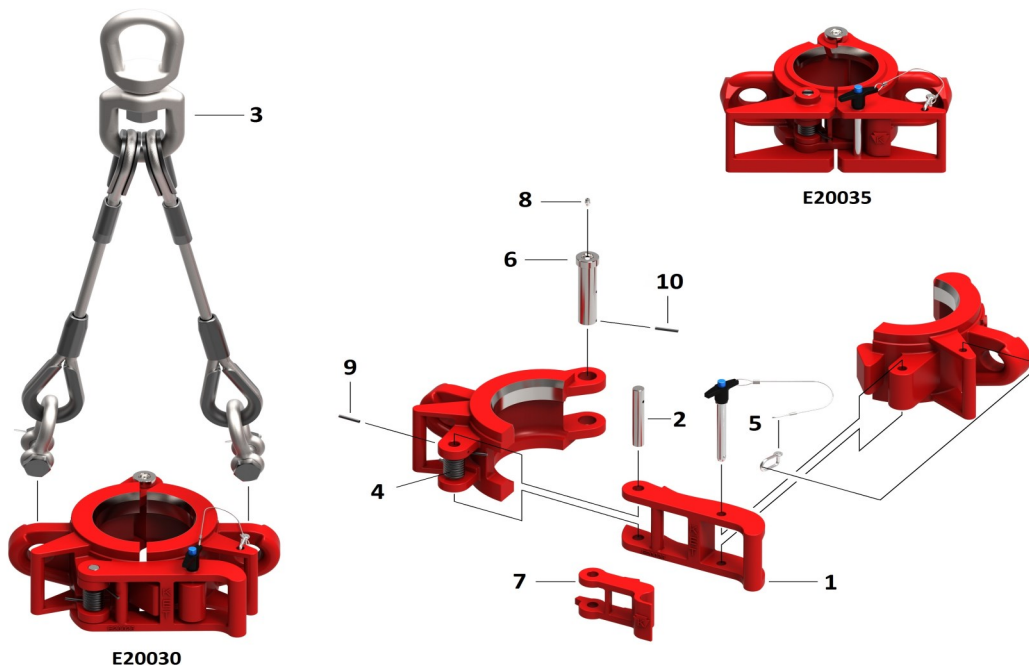
Every elevator comes with complete certification including an operations manual outlining safety instructions, operation, maintenance, critical area drawings and repair. A documentation package containing inspection of material specs, hardness, proof of load test, magnetic particle examination and dimensional inspection is also included.

SAFETY FEATURES

All Keystone elevators incorporate a safety latch lock mechanism to prevent accidental opening of the elevator. Keystone Safety Latches are readily available and can be replaced in the field without the inconvenience of having to send the whole elevator to the repair center.

KET (7.5 TON) SINGLE JOINT ELEVATOR

PART NO.	RATING	RANGE	WEIGHT
20035	7.5 TON	2-3/8" - 4"	45.00
20030	7.5 TON	4" - 5 7/8"	67.00
20040	7.5 TON	5-1/2" - 8-5/8"	78.00
20050	7.5 TON	9 5/8" - 10 3/4"	93.00
20060	7.5 TON	11 3/4" - 14"	114.00
20065	10 TON	18" - 22 5/8"	290.00



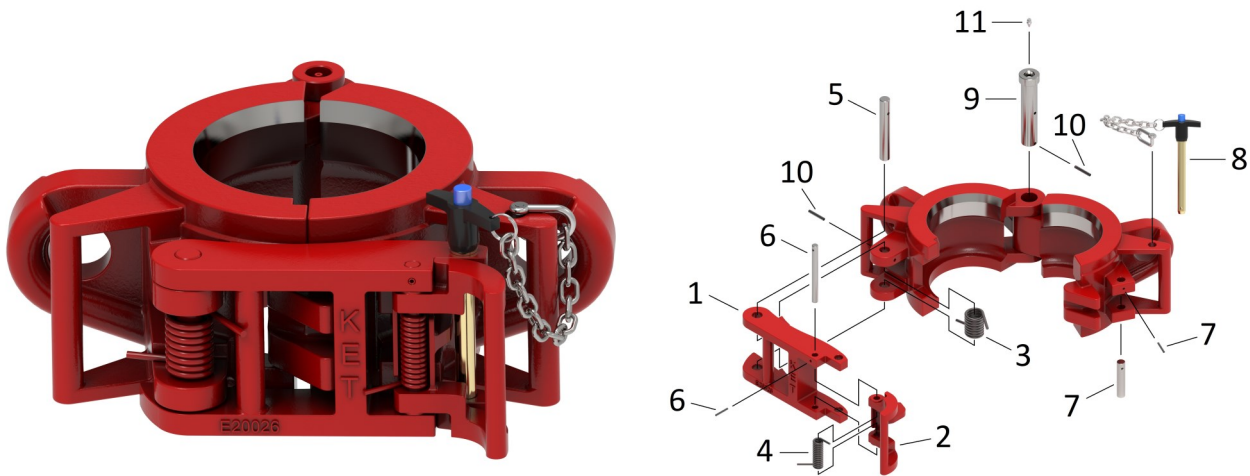
REPLACEMENT PARTS FOR SINGLE JOINT ELEVATORS

ITEM	QTY	PART NO.	DESCRIPTION	SPARES	WIEGHT (lbs.)
1	1		LATCH-20030, 20040, 20050, 20060, 20065		6.00
2	1	39-050	LATCH PIN-20030, 20040, 20050, 20060, 20065	1	0.37
2	1	39-050-1	LATCH PIN-20035	1	0.37
3	1	34568	SJ SWIVEL SUSPENSION ASSEMBLY	1	29.00
4	1	39-034	LATCH SPRING-20030, 20040, 20050, 20060, 20065	2	0.20
4	1	7829-1	LATCH SPRING-20035	2	0.20
5	1	39-051-8	LATCH LOCK RETAINER PIN ASSY	1	0.35
6	1	39-052	HING PIN-BOTH	1	0.10
7	1	39-190	LATCH-20035		4.00
8	1	316-TI	TAP IN GREASE FITTING—BOTH		0.10
9	1	316RP	LATCH PIN RETAINER—BOTH		0.10
10	1	316RP	HINGE PIN RETAINER—BOTH		0.10

Quality Delivered.

KET (7.5 TON) DOUBLE LATCH SINGLE JOINT ELEVATOR

PART NO.	RATING	RANGE	WEIGHT
20030DL	7.5 TON	4" - 5 7/8"	67.00
20040DL	7.5 TON	5-1/2"- 8-5/8"	78.00
20050DL	7.5 TON	9 5/8" - 10 3/4"	93.00
20060DL	7.5 TON	11 3/4" - 14"	114.00
20065DL	10 TON	18" - 22 5/8"	290.00



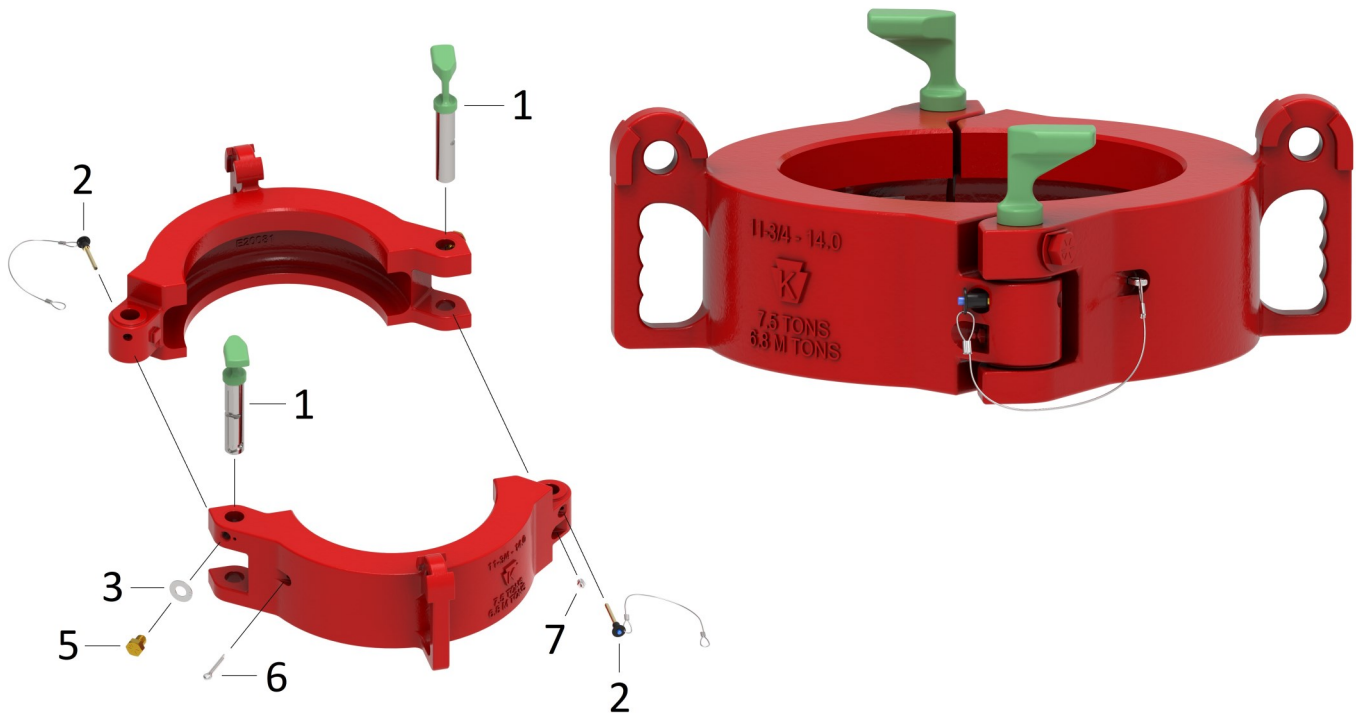
REPLACEMENT PARTS FOR SINGLE JOINT ELEVATORS

ITEM	QTY	PART NO.	DESCRIPTION	SPARES	WIEGHT (lbs.)
1	1	20026	LATCH-20030, 20040, 20050, 20060, 20065		6.00
2	1	20026-LL	LATCH LOCK-20030, 20040, 20050, 20060, 20065		3.00
3	1	39-034	LATCH SPRING-20030, 20040, 20050, 20060, 20065	2	0.20
4	1	39-034-LL	LATCH LOCK SPRING-20030, 20040, 20050, 20060, 20065	2	0.20
5	1	39-050	LATCH PIN	1	0.37
6	1	39-050-2	LATCH LOCK PIN	1	0.37
7	1	39-050-3	DOOR LUG PIN		0.20
8	1	39-051-8	SAFETY LATCH LOCK PIN ASSY	1	0.37
9	1	39-052	HINGE PIN	1	1.00
10	2	P316RP	HINGE PIN RETAINER—BOTH		0.10
11	1	316-TI	GREASE ZERT		0.10

Quality Delivered.

KET DOUBLE PIN SINGLE JOINT ELEVATOR

PART NO.	RATING	RANGE	WEIGHT
20073	7.5 TON	4" - 6"	63.00
20075	7.5 TON	6 5/8" - 8 5/8"	83.00
20077	7.5 TON	9" - 10-3/4"	96.00
20079	7.5 TON	11 3/4" - 14"	135.00
20081	10 TON	16" - 20"	230.00



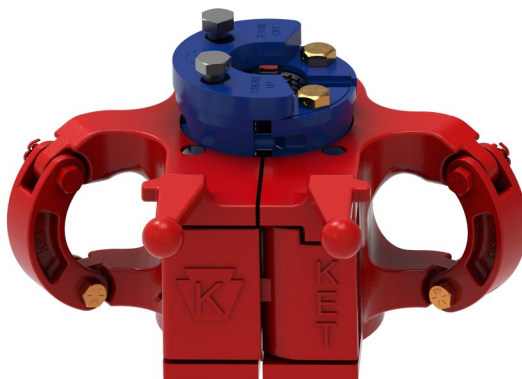
REPLACEMENT PARTS FOR DOUBLE PIN SINGLE JOINT ELEVATORS

ITEM	QTY	PART NO.	DESCRIPTION	SPARES	WIEGHT (lbs.)
1	2	20072	HINGE PIN		2.00
2	2	20101	HINGE PIN SAFETY LATCH PIN	2	0.20
3	2	20102	11/16" LOCK-TAB WASHER	2	0.10
4	1	20103	HINGE PIN RET. BOLT 3/4" LONG (FRAME SIZES 20073-20077)		0.25
5	1	20103-1	HINGE PIN RET. BOLT 7/8" LONG (FRAME SIZES 20079-20081)		0.25
6	2	20104	2" COTTER PIN	2	0.10
7	2	940308-1	GREASE ZERT		0.10

Quality Delivered.

KET LYT (20 TON) SLIP TYPE ELEVATOR

PART NO.	RANGE	SIZE OF LINKS	WEIGHT
28750	3/4" - 2-1/16"	1-1/4" - 2-3/4"	58.00



LYT SLIP ASSEMBLIES

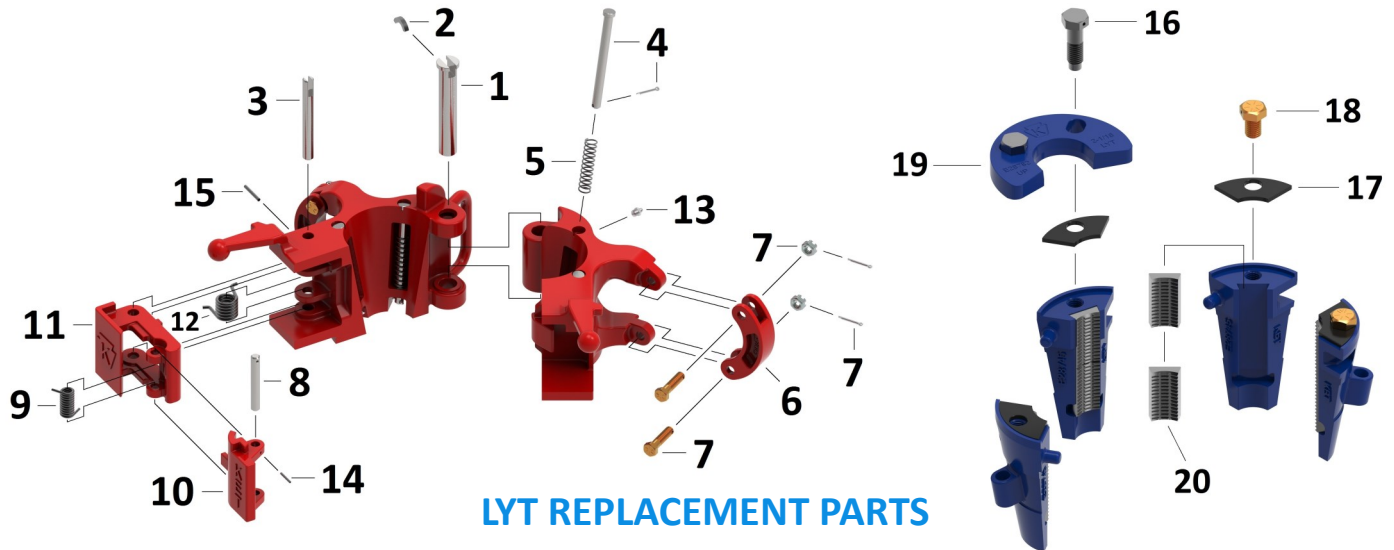
PART NO.	DESCRIPTION	WEIGHT (lbs.)
28745-6	2-1/16" X 2-1/16" LYT SLIP ASSEMBLY	17.00
28745-5	2-2/16" X 2" LYT SLIP ASSEMBLY	17.00
28745-4	2-1/16" X 1-1/2" (1.900") LYT SLIP ASSEMBLY	17.00
28745-3	2-1/16" X 1-1/4" (1.660") LYT SLIP ASSEMBLY	18.00
28745-2	2-1/16" X 1" (1.315") LYT SLIP ASSEMBLY	20.00
28745-7	2-1/16" X 3/4" (1.050") LYT SLIP ASSEMBLY	20.00

LYT SETTING PLATES

PART NO.	ITEM#	DESCRIPTION	#REQ.	WEIGHT (LBS)
28782	19	2 1/16" SETTING PLATE	1	2.25
28737	19	2" SETTING PLATE	1	2.35
28783	19	1 1/2" (1.900") SETTING PLATE	1	3.00
28784	19	1 1/4" (1.660") SETTING PLATE	1	3.10
28736	19	1" (1.315") SETTING PLATE	1	3.15
28735	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	28753	HINGE PIN		.60
2	1	28753-R	HINGE PIN RETAINER	2	.05
3	1	28757	LATCH PIN		.45
4	4	28760	SLIP PIN & COTTER		.25
5	4	28761	SLIP SPRING	4	.04
6	2	28762	LINK BLOCK	2	1.00
7	4	28764-1	LINK BLOCK BOLT, NUT & COTTER	2	1.20
8	1	28767	LATCH LOCK PIN	2	.25
9	1	28769	LATCH LOCK SPRING	1	.12
10	1	30645	LATCH LOCK		2.00
11	1	30648	LATCH		4.00
12	1	32760	LATCH SPRING	1	.08
13	1	940308-1	GREASE ZERT FOR DOOR	4	.03
14	1	947128-172	LATCH LOCK PIN RETAINER	1	.02
15	1	947128-222	LATCH PIN RETAINER	2	.02
16	2	28785	SETTING PLATE BOLT	2	.25
17	4	28786	INSERT RETAINER PLATE	4	.13
18	2	28787	INSERT RETAINER SCREW	2	.13
19	1		Page 28 SETTING RING		

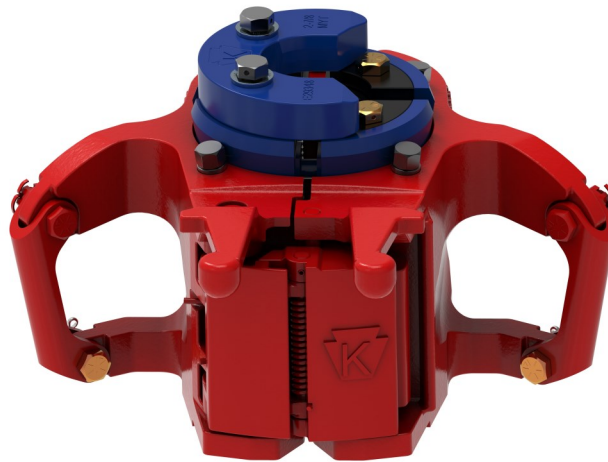
LYT INSERTS

ITEM#	QTY	PART NO.	DESCRIPTION	WT.
20	8	28772	2 1/16" & 2" LYT INSERT	.25
20	8	28775	1 1/2" (1.900") LYT INSERT	.25
20	8	28778	1 1/4" (1.660") LYT INSERT	.25
20	8	28749	1" (1.315") LYT INSERT	.25
20	8	29370	3/4" (1.050") LYT INSERT	.25

Quality Delivered.

KET MYT (40 TON) SLIP TYPE ELEVATOR

PART NO.	RANGE	SIZE OF LINKS	WEIGHT
29328	3/4" - 2-7/8"	1-1/4" - 2-3/4"	148.00



MYT SLIP ASSEMBLIES

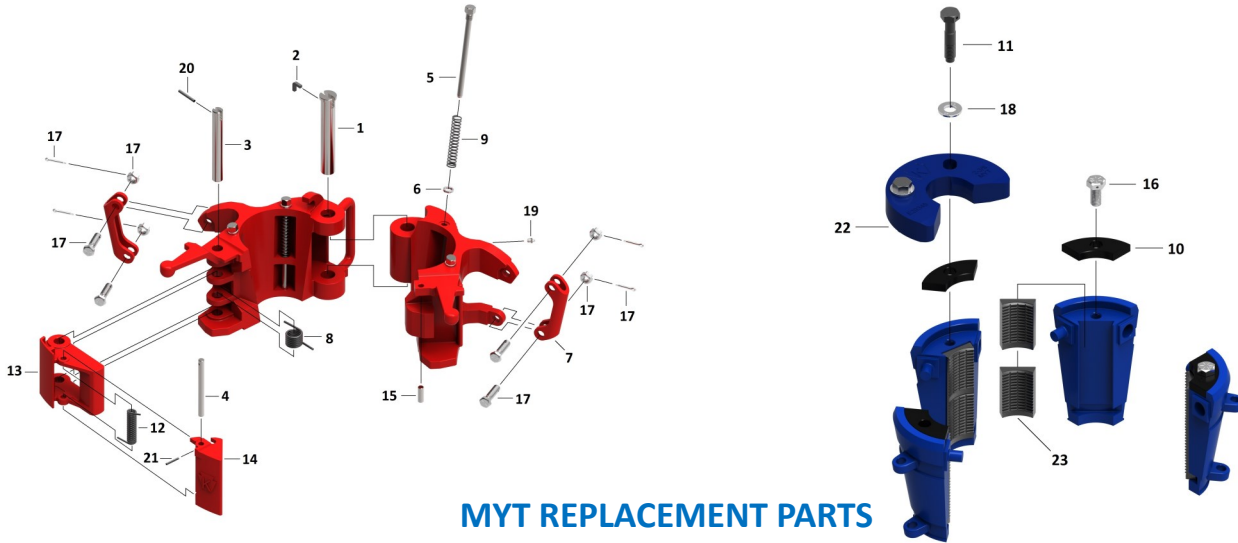
PART NO.	DESCRIPTION	WEIGHT (lbs.)
29343-1	2-7/8" X 2-7/8" MYT SLIP ASSEMBLY	44.00
29343-2	2-7/8" X 2-3/8" MYT SLIP ASSEMBLY	46.00
29343-3	2-7/8" X 2-1/16" MYT SLIP ASSEMBLY	47.25
29343-4	2-7/8" X 2" MYT SLIP ASSEMBLY	47.50
29343-5	2-7/8" X 1-1/2" (1.900") MYT SLIP ASSEMBLY	48.75
29343-6	2-7/8" X 1-1/4" (1.660") MYT SLIP ASSEMBLY	49.75
29343-7	2-7/8" X 1" (1.315") MYT SLIP ASSEMBLY	49.75
29343-8	2-7/8" X 3/4" (1.050") MYT SLIP ASSEMBLY	51.00
29343--S	2-7/8" MYT SLIP SEGMENTS ONLY(MATCHED SET OF 4)	31.00

MYT SETTING RINGS

ITEM	PART NO.	DESCRIPTION	WEIGHT (lbs.)
22	29348	2-7/8" MYT SETTING RING	6.50
22	29345	2-3/8" MYT SETTING RING	6.63
22	29350	2-1/16" MYT SETTING RING	7.00
22	29351	2" MYT SETTING RING	7.10
22	29352	1-1/2" (1.900) MYT SETTING RING	7.35
22	29353	1-1/4" (1.660) MYT SETTING RING	7.50
22	29354	1" (1.315) MYT SETTING RING	7.90
22	29354-1	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	29333-R	HINGE PIN		4
2	1	29333-RE	HINGE PIN RETAINER		10
3	1	29334	LATCH PIN		4
4	1	29335	LATCH LOCK PIN	2	0.5
5	4	29336	SLIP BOLT		2
6	4	29336-W	SLIP BOLT LOCK WASHER	2	0.5
7	2	29337	LINK BLOCK	2	0.25
8	1	29338	LATCH SPRING		0.5
9	4	29340	SLIP SPRING	2	1.5
10	4	29344	INSERT RETAINER PLATE	2	0.5
11	2	29347	SETTING RING BOLT		12.88
12	1	29349	LATCH LOCK SPRING		1
13	1	30652	LATCH		0.45
14	1	30653	LATCH LOCK		0.75
15	1	30841	DOOR LUG PIN		0.25
16	2	939098-15	INSERT RETAINER SCREW	4	0.25
17	4	939099-65-2	LINK BLOCK BOLT, NUT, COTTER	4	0.06
18	2	939370-13	SETTING RING WASHER	4	0.13
19	1	940308-1	GREASE FITTING	4	0.5
20	4	947128-120	LATCH PIN RETAINER	4	.25
21	1	947128-172	LATCH LOCK PIN RETAINER		

MYT INSERTS

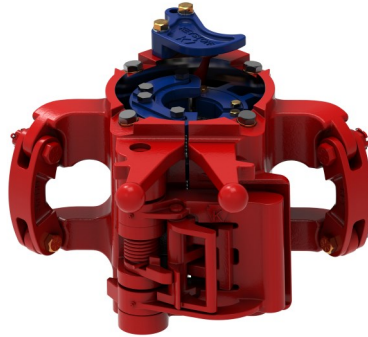
ITEM	QTY	PART NO.	DESCRIPTION	WEIGHT (lbs.)
23	8	24773	2-7/8" X 2-7/8" INSERT	0.75
23	8	29255	2-7/8" X 2-3/8" INSERT	1.00
23	8	29256	2-7/8" X 2-1/16" & 2" INSERT	1.13
23	8	29257	2-7/8" X 1-1/2" (1.900") INSERT	1.25
23	8	29258	2-7/8" X 1-1/4" (1.660") INSERT	1.38
23	8	29259	2-7/8" X 1" (1.315") INSERT	1.44
23	8	29259-1	2-7/8" X 3/4" (1.050") INSERT	1.50

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

Quality Delivered.

KET YT (75 TON) SLIP TYPE ELEVATOR

PART NO.	RANGE	SIZE OF LINKS	WEIGHT
23105	1.315" - 3-1/2"	2-1/4" - 2-3/4"	355.00



YT SLIP ASSEMBLIES

PART NO.	DESCRIPTION	WEIGHT(lbs.)
23108-5	3-1/2" X 3-1/2" YT SLIP ASSEMBLY	64.00
23108-3	3-1/2" X 2-7/8" YT SLIP ASSEMBLY	76.00
23108-23	3-1/2" X 2-3/8" YT SLIP ASSEMBLY	76.00
23108-4	2-7/8" X 2-7/8" YT SLIP ASSEMBLY	76.00
23108-6	2-7/8" X 2-3/8" YT SLIP ASSEMBLY	79.00
23108-7	2-7/8" X 2-1/16" YT SLIP ASSEMBLY	81.00
23108-8	2-7/8" X 2" YT SLIP ASSEMBLY	82.00
23108-9	2-7/8" X 1-1/2" (1.900) YT SLIP ASSEMBLY	83.50
23108-10	2-7/8" X 1-1/4" (1.660) YT SLIP ASSEMBLY	85.50
23108-11	2-7/8" X 1" (1.315) YT SLIP ASSEMBLY	86.50
23108	3-1/2" YT SLIP SEGMENTS ONLY (MATCHED SET OF 4)	51.00
23108-22	2-7/8" YT SLIP SEGMENTS ONLY (MATCHED SET OF 4)	51.00

YT SETTING RINGS

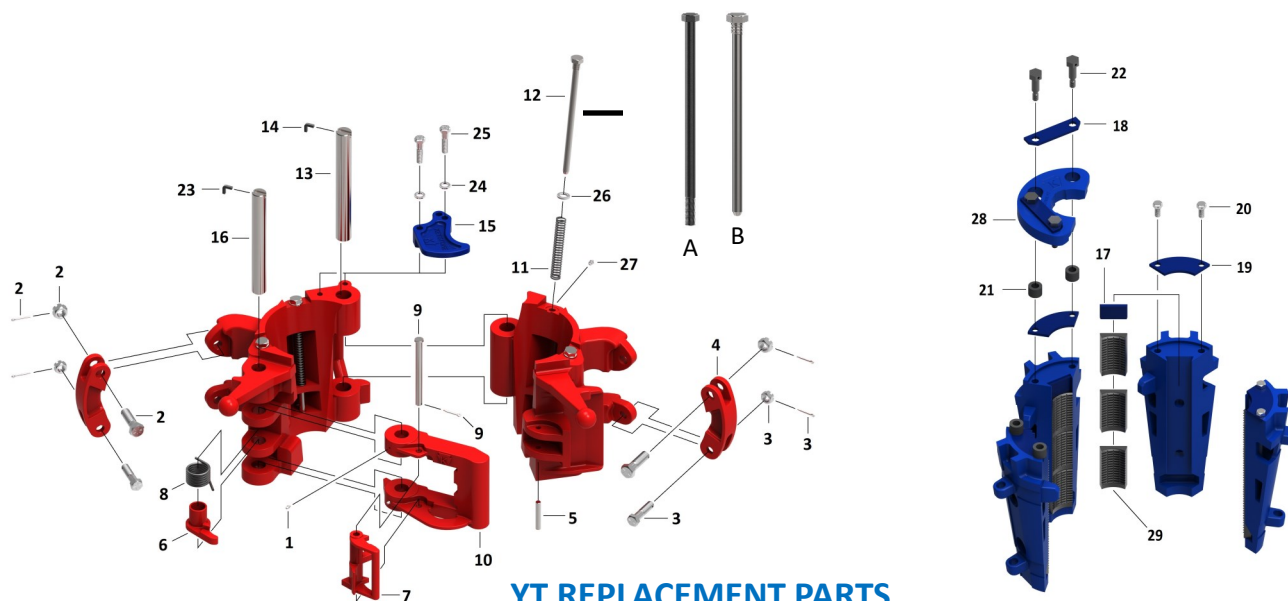
ITEM	PART NO.	DESCRIPTION	WEIGHT (lbs.)
28	27813	3-1/2" YT SETTING RING	3.13
28	27695	2-7/8" YT SETTING RING	3.56
28	27694	2-3/8" YT SETTING RING	4.00
28	27812	2-1/16" YT SETTING RING	4.25
28	28821	2" YT SETTING RING	4.25
28	27811	1-1/2" (1.900) YT SETTING RING	4.31
28	27810	1-1/4" (1.660) YT SETTING RING	4.38
28	29001	1" (1.315) YT SETTING RING	4.75

YT SLIP INSERTS

ITEM	QTY	PART NO.	DESCRIPTION	WEIGHT (lbs.)
29	24	24774	3-1/2" X 3-1/2" INSERT	0.50
29	24	30358	3-1/2" X 2-7/8" INSERT	0.75
29	24	30358-23	3-1/2" X 2-3/8" INSERT	0.85
29	12	24773	2-7/8" X 2-7/8" INSERT	0.75
29	12	29255	2-7/8" X 2-3/8" INSERT	0.75
29	12	29256	2-7/8" X 2-1/16" & 2" INSERT	1.00
29	12	29257	2-7/8" X 1-1/2" (1.900") INSERT	1.20
29	12	29258	2-7/8" X 1-1/4" (1.660") INSERT	1.38
29	12	29259	2-7/8" X 1" (1.315") INSERT	1.45

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

KET YT SLIP TYPE ELEVATOR PARTS



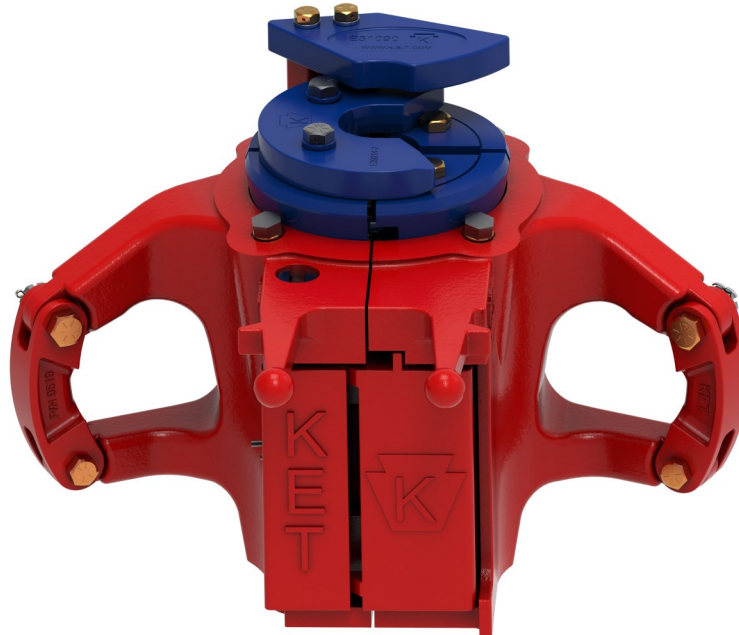
YT REPLACEMENT PARTS

ITEM	QTY	PART NO.	DESCRIPTION	SPARES	WEIGHT (lbs.)
1	1	316-TI	TAP IN GREASE FITTING		
2	2	8145-1	UPPER LINK BLOCK BOLT, NUT, COTTER	1	1.00
3	2	8145-2	LOWER LINK BLOCK BOLT, NUT, COTTER	2	1.00
4	2	9519	LINK BLOCK		5.50
5	1	12529	DOOR LUG PIN		0.65
6	1	12946	LATCH CAM		1.50
7	1	12972	LATCH LOCK		3.50
8	1	12978	LATCH SPRING	2	0.63
9	1	13530	LATCH LOCK PIN W/COTTER	2	0.63
10	1	15348	LATCH		27.00
11	4	23113	SLIP SPRING	8	0.25
12A	4	23115	SLIP BOLT(THREADS ON END OF THE BOLT)	4	1.25
12B	4	23115-S	SLIP BOLT (THREADS UNDER HEAD) New Style	4	1.25
13	1	23116-1	HINGE PIN		4.13
14	1	23116-1-R	HINGE PIN RETAINER	2	0.20
15	1	23630	GUIDE PLATE		4.00
16	1	24182	LATCH PIN		5.00
17	8	24507	INSERT SPACER (3-1/2")	8	0.13
17	4	24508	INSERT SPACER (2-7/8")	4	0.25
18	2	27507	SETTING RING RETAINER (2-7/8")		0.13
18	2	27546	SETTING RING RETAINER (3-1/2")		0.13
19	4	27530	INSERT RETAINER PLATE (3-1/2")	4	0.13
19	4	27451	INSERT RETAINER PLATE (2-7/8")	4	0.25
20	4	27532	INSERT RETAINER SCREW	8	0.06
21	4	27696	YT SETTING RING BUSHING	8	0.06
22	4	27697	SETTING RING BOLT	4	0.25
23	4	29464	LATCH PIN RETAINER	2	0.20
24	4	939098-634	GUIDE PLATE LOCK WASHER	2	0.15
25	2	939098-75	GUIDE PLATE SCREW	2	0.25
26	4	939352-6	SLIP BOLT LOCK WASHER	4	0.06
27	1	940308-1	GREASE FITTING		0.05
28		Page 32	SETTING RINGS	2	
29		Page 32	INSERTS	2 SETS	

Quality Delivered.

KET HYT (150 TON) SLIP TYPE ELEVATOR

PART NO.	DESCRIPTION	RANGE	SIZE OF LINKS	WT.
39284	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.
39258-2	3 1/2" X 3 1/2" HYT SLIP ASSY.	170
39258-4	3 1/2" X 2 7/8" HYT SLIP ASSY.	170
39258-5	3 1/2" X 2 3/8" HYT SLIP ASSY.	170
39259-2	2 7/8" X 2 7/8" HYT SLIP ASSY.	170
39259-4	2 7/8" X 2 3/8" HYT SLIP ASSY.	170
39174	3 1/2" HYT SLIP SEGMENTS ONLY (MATCHED SET OF 4)	150
39175	2 7/8" HYT SLIP SEGMENTS ONLY (MATCHED SET OF 4)	150

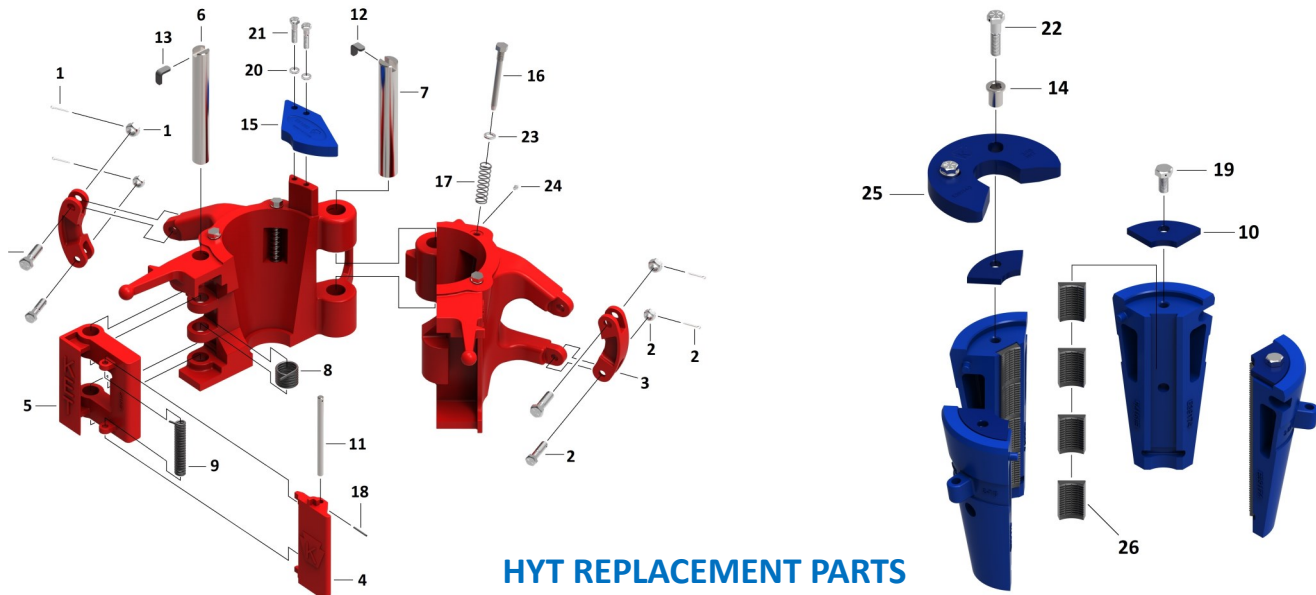
HYT SETTING RINGS

PART NO.	DESCRIPTION	#REQ.	WT.
39214-3	3 1/2" HYT SETTING RING	1	11.00
39214-2	2 7/8" HYT SETTING RING	1	11.00
39214-1	2 3/8" HYT SETTING RING	1	13.00

HYT INSERTS

PART NO.	DESCRIPTION	#REQ.	WT.
24774	3 1/2" X 3 1/2" INSERT	32	.50
30358	3 1/2" X 2 7/8" INSERT	32	.75
30358-23	3 1/2" X 2 3/8" INSERT	32	.80
24773	2 7/8" X 2 7/8" INSERT	16	.75
29255	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.
8145-1	1	UPPER LINK BLOCK BOLT, NUT, & COTTER	2	2	0.87
8145-2	2	LOWER LINK BLOCK BOLT, NUT, & COTTER	2	2	0.57
9519	3	LINK BLOCK		2	5.20
39161	4	LATCH LOCK		1	7.82
39162	5	LATCH		1	36.03
39238	6	LATCH PIN		1	9.18
39239	7	HINGE PIN		1	12.05
39240	8	LATCH SPRING	2	1	0.69
39241	9	LATCH LOCK SPRING	2	1	0.69
39246	10	2.875 INSERT RETAINER PLATE		4	1.09
39247	10	3.5 INSERT RETAINER PLATE		4	
39251	11	LATCH LOCK PIN		1	0.84
39253	12	HINGE PIN RETAINER	2	1	
39254	13	LATCH PIN RETAINER	2	1	0.05
51089	14	SETTING RING BUSHING	2	2	0.18
51090	15	GUIDE PLATE	1	1	9.28
52321	16	SLIP BOLT	8	4	0.76
52539-1	17	SLIP SPRING	8	4	
Roll Pin	18	3/16-1-1/4 SPRING PIN—LATCH LOCK PIN RETAINER	2	1	
939098-36	19	INSERT RETAINER PIN	4	2	0.26
939098-634	20	GUIDE PLATE WASHER	2	2	
939098-75	21	GUIDE PLATE SCREW	2	2	0.26
939098-96	22	SETTING RING BOLT	4	2	0.46
939352-6	23	SLIP BOLT WASHER	4	4	0.05
940308-1	24	GREASE FITTING	4	2	0.08
	25	SETTING RINGS	2	1	
	26	INSERTS	2 SETS	A/R	

Quality Delivered.

KET HYT-HSS (150 TON) SLIP TYPE ELEVATOR

PART NO.	DESCRIPTION	RANGE	SIZE OF LINKS	WT.
39284	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.
51090-HYD-ASSY	HYT HYDRAULIC SLIMHOLE ASSEMBLY	121.00
31093-ASSY	HAND CONTROL VALVE ASSEMBLY	20.00
51096	130' HOSES FOR HYT HYDRAULIC (2 HOSES)	41.00

HYT SLIP ASSEMBLIES

PART NO.	DESCRIPTION	WT.
39258-2	3 1/2" X 3 1/2" HYT SLIP ASSY.	170.00
39258-4	3 1/2" X 2 7/8" HYT SLIP ASSY.	170.00
39258-5	3 1/2" X 2 3/8" HYT SLIP ASSY.	170.00
39259-2	2 7/8" X 2 7/8" HYT SLIP ASSY.	170.00
39259-4	2 7/8" X 2 3/8" HYT SLIP ASSY.	170.00
39174	3 1/2" HYT SLIP SEGMENTS ONLY (MATCHED SET OF 4)	150.00
39175	2 7/8" HYT SLIP SEGMENTS ONLY (MATCHED SET OF 4)	150.00

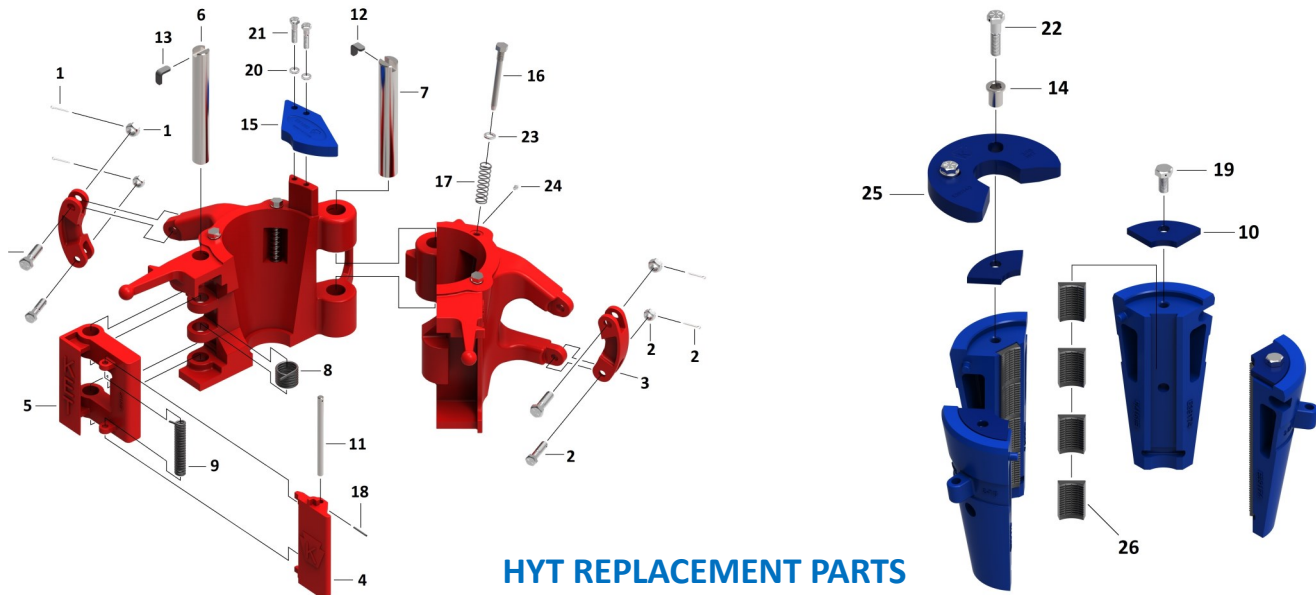
HYT SETTING RINGS

PART NO.	DESCRIPTION	#REQ.	WT.
39214-3	3 1/2" HYT SETTING RING	1	11.00
39214-2	2 7/8" HYT SETTING RING	1	11.00
39214-1	2 3/8" HYT SETTING RING	1	13.00

HYT INSERTS

PART NO.	DESCRIPTION	#REQ.	WT.
24774	3 1/2" X 3 1/2" INSERT	32	.50
30358	3 1/2" X 2 7/8" INSERT	32	.75
30358-23	3 1/2" X 2 3/8" INSERT	32	.80
24773	2 7/8" X 2 7/8" INSERT	16	.75
29255	2 7/8" X 2 3/8" INSERT	16	1.00

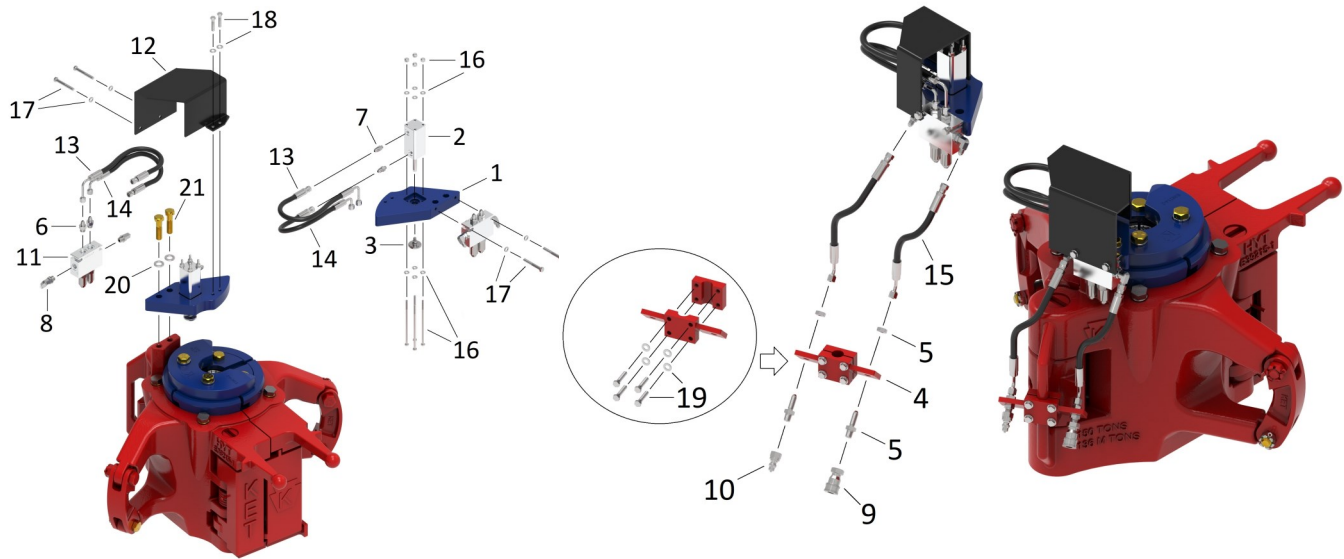
KET HYT-HSS SLIP TYPE ELEVATOR PARTS



HYT REPLACEMENT PARTS

PART NO.	ITEM	DESCRIPTION	**SPARES	#REQ.	WT.
8145-1	1	UPPER LINK BLOCK BOLT, NUT, & COTTER	2	2	0.87
8145-2	2	LOWER LINK BLOCK BOLT, NUT, & COTTER	2	2	0.57
9519	3	LINK BLOCK		2	5.20
39161	4	LATCH LOCK		1	7.82
39162	5	LATCH		1	36.03
39238	6	LATCH PIN		1	9.18
39239	7	HINGE PIN		1	12.05
39240	8	LATCH SPRING	2	1	0.69
39241	9	LATCH LOCK SPRING	2	1	0.69
39246	10	2.875 INSERT RETAINER PLATE		4	1.09
39247	10	3.5 INSERT RETAINER PLATE		4	0.98
39251	11	LATCH LOCK PIN		1	0.84
39253	12	HINGE PIN RETAINER	2	1	0.075
39254	13	LATCH PIN RETAINER	2	1	0.05
51089	14	SETTING RING BUSHING	2	2	0.18
51090-HYD	15	GUIDE PLATE	1	1	9.02
52321	16	SLIP BOLT	8	4	0.76
52539-1	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
939098-36	19	INSERT RETAINER PIN	4	2	0.26
939098-634	20	GUIDE PLATE WASHER	2	2	0.10
939098-75	21	GUIDE PLATE SCREW	2	2	0.26
939098-96	22	SETTING RING BOLT	4	2	0.46
939352-6	23	SLIP BOLT WASHER	4	4	0.05
940308-1	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



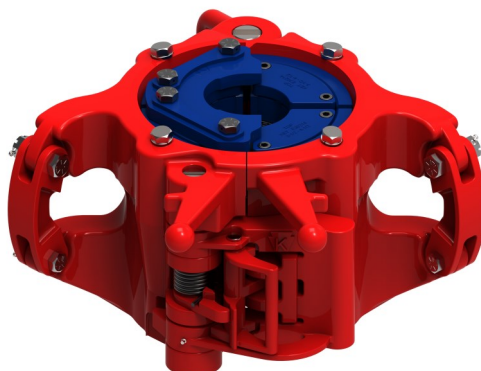
HYT HYDRAULIC SLIP REPLACEMENT PARTS

PART NO.	ITEM	DESCRIPTION	**SPARE	#REQ.	WT.
51090-HYD	1	GUIDE PLATE	1	1	9.50
51091	2	CYLINDER		1	2.620
51091-1	3	CYLINDER ROD FOOT		1	0.125
51092	4	HOSE MOUNTING CLAMP		1	2.10
51092-F	5	1/4-18 NPT X 7/16-20 BULKHEAD STRAIGHT FITTING & 7/16-20 HEX NUT	1	1	0.10
51092-2	6	SAE 37 7/16-20 x SAE O-RING 9/16-18 STRAIGHT FITTING	2	2	0.14
51092-3	7	SAE 37 7/16-20 x SAE O-RING 5/16-24 STRAIGHT FITTING	2	2	0.12
51092-4	8	SAE 37 7/16-20 x SAE O-RING 9/16-18 ELBOW FITTING	2	2	0.12
51092-F	9	1/4 NPTF FEMALE QUIK-DISCONNECT HOSE COUPLING	1	1	0.30
51092-3	10	1/4 NPFT MALE QUICK-DISCONNECT HOSE COUPLING	1	1	0.10
51094	11	COUNTER BALANCE VALVE		1	1.60
51095	12	GUARD		1	4.90
51096-1	13	90 LONG x STRAIGHT 12" HOSE ASSEMBLY	1	1	0.40
51096-2	14	90 SHORT x STRAIGHT 12" HOSE ASSEMBLY	1	1	0.40
51096-3	15	45 SHORT x STRAIGHT 12" HOSE ASSEMBLY	1	2	0.33
51097-1	16	#12-24 x 5.5 HEXHEAD BOLT, WASHERS, & NYLON HEX LOCKNUT	4	4	0.10
51097-2	17	5/16-18 x 2.5 HEXHEAD BOLT AND LOCK WASHER	2	2	0.10
51097-3	18	5/16-18 x 1.5 HEXHEAD CAP SCREW AND WASHER	2	2	0.10
51097-4	19	5/16-18 X 1.5 HEXHEAD CAP SCREW AND WASHER	4	4	0.10
939098-65	20	GUIDE PLATE LOCK WASHER	2	2	0.01
939098-75	21	GUIDE PLATE SCREW	2	2	0.26

Quality Delivered.

KET YC (75 TON) SLIP TYPE ELEVATOR

PART NO.	RANGE	SIZE OF LINKS	WEIGHT
24140	3 1/2" - 7"	2 1/4" - 2 3/4"	365.00



YC SLIP ASSEMBLIES

PART NO.	DESCRIPTION	WT.
34931	4 1/2" X 3 1/2" YC SLIP ASSY.	150.00
26830	4 1/2" X 4" YC SLIP ASSY.	150.00
24072-5	4 1/2" X 4 1/2" YC SLIP ASSY.	150.00
24072-7	5 1/2" X 5" YC SLIP ASSY.	150.00
24072-2	5 1/2" X 5 1/2" YC SLIP ASSY.	150.00
24077-1	7" X 7" YC SLIP ASSY.	150.00
24077-7	7" X 6 5/8" YC SLIP ASSY	150.00
24072-4	4 1/2" YC SLIP SEGMENTS ONLY (MATCHED SET OF 4)	130.00
24072	5 1/2" YC SLIP SEGMENTS ONLY (MATCHED SET OF 4)	130.00
24077	7" YC SLIP SEGMENT ONLY (MATCHED SET OF 4)	130.00

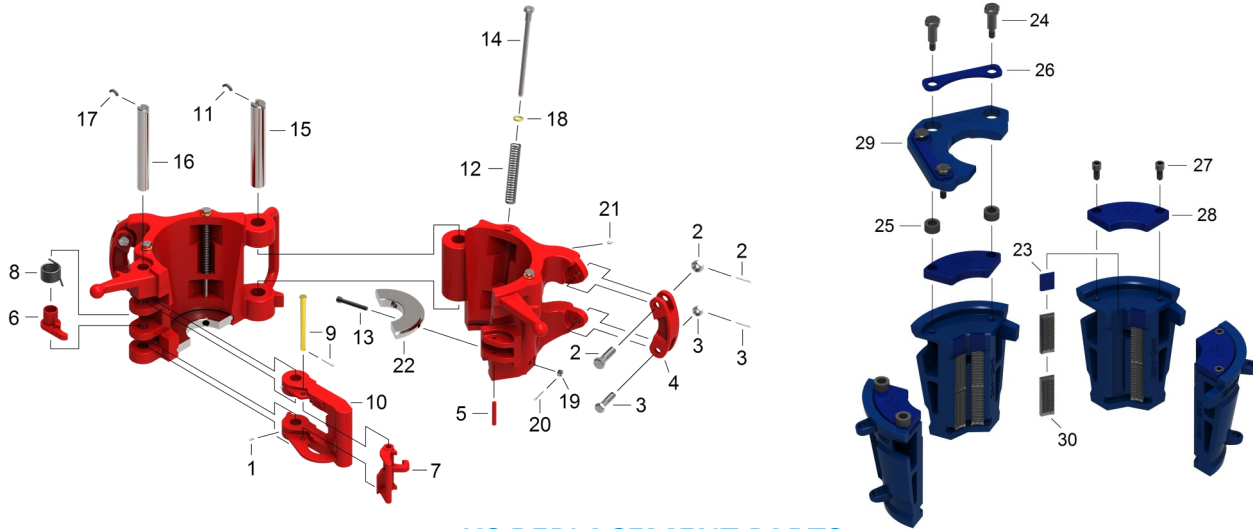
YC SETTING PLATES

PART NO.	DESCRIPTION	#REQ.	WT.
34932	3 1/2" SETTING PLATE	1	8.00
30209	4" SETTING PLATE	1	8.00
30219	4 1/2" SETTING PLATE	1	7.00
30220	5" SETTING PLATE	1	6.25
30223	5 1/2" SETTING PLATE	1	6.13
30226	6 5/8" SETTING PLATE	1	6.00
30229	7" SETTING PLATE	1	5.50

YC BOTTOM GUIDE PLATES

PART NO.	DESCRIPTION	#REQ	WT
24071-2	7" BOTTOM GUIDE	1	3.75
24071-3	6 5/8" BOTTOM GUIDE	1	4.50
24071-1	5 1/2" BOTTOM GUIDE	1	5.50
24071	5" BOTTOM GUIDE	1	7.75
24071-4	4 1/2" BOTTOM GUIDE	1	8.50
26827	4" BOTTOM GUIDE	1	8.50
26827-1	3 1/2" BOTTOM GUIDE	1	8.00

KET YC SLIP TYPE ELEVATOR PARTS



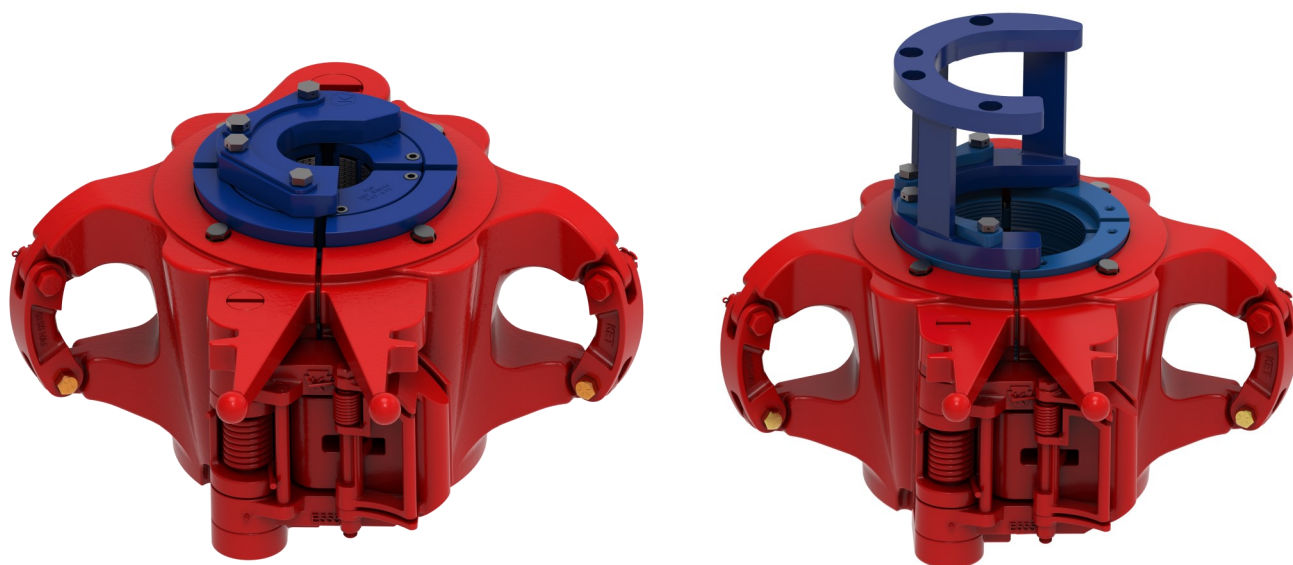
YC REPLACEMENT PARTS

ITEM	QTY	PART NO.	DESCRIPTION	*SPARE	WT.
1	1	316-SI	LATCH GREASE ZERT		
2	2	8145-1	UPPER LINK BLOCK BOLT, NUT, & COTTER	2	1.00
3	2	8145-2	LOWER LINK BLOCK BOLT, NUT, & COTTER	2	1.00
4	2	9519	LINK BLOCK		5.20
5	1	12529	DOOR LUG PIN		.65
6	1	12946	LATCH CAM		1.50
7	1	12972	LATCH LOCK		3.50
8	1	12978	LATCH SPRING	2	0.63
9	1	13530	LATCH LOCK PIN W/COTTER	2	0.69
10	1	15348	LATCH		27.00
11	1	23116-1-R	HINGE PIN RETANIER	2	0.20
12	4	24049	SLIP SPRING	8	0.30
13	4	24075	BOTTOM GUIDE PLATE SCREW W/ NUT		0.84
14	4	24076	SLIP BOLT	4	1.05
15	1	24181	HINGE PIN		12.05
16	1	24182	LATCH PIN		0.18
17	1	29464	LATCH PIN RETAINER	2	0.20
18	4	939352-6	LOCK WASHER F/ SLIP BOLTS	2	0.06
19	4	939484-5	BOTTOM GUIDE PLATE NUT		.25
20	4	939672	BOTTOM GUIDE PLATE/ COTTER		0.05
21	1	940308-1	GREASE ZERT		0.05
22	1	24071-	BOTTOM GUIDE PLATE		
23	4	24506	INSERT SPACER	4	0.25
24	4	30211	SETTING PLATE BOLT	4	0.25
25	4	30213	RUBBER BUSHING	8	0.05
26	2	30216	SETTING RING RETAINER		0.25
27	4	941271-73	INSERT REATINER SCREW	8	.13
28	4	30214	INSERT RET. RING 3 1/2" - 4 1/2"	4	2.75
28	4	30224	INSERT RET.RING 5" & 5 1/2"	4	2.13
28	4	30230	INSERT RET. RING 6 5/8" & 7"	4	2.75
29	1		SETTING PLATES	2	
30			INSERTS	2 SETS	

Quality Delivered.

KET HYC 200 TON ELEVATOR

PART NO.	RANGE	SIZE OF LINKS	WEIGHT
55310	3 1/2" - 7 5/8"	2 1/4" - 3 1/2"	1300.00



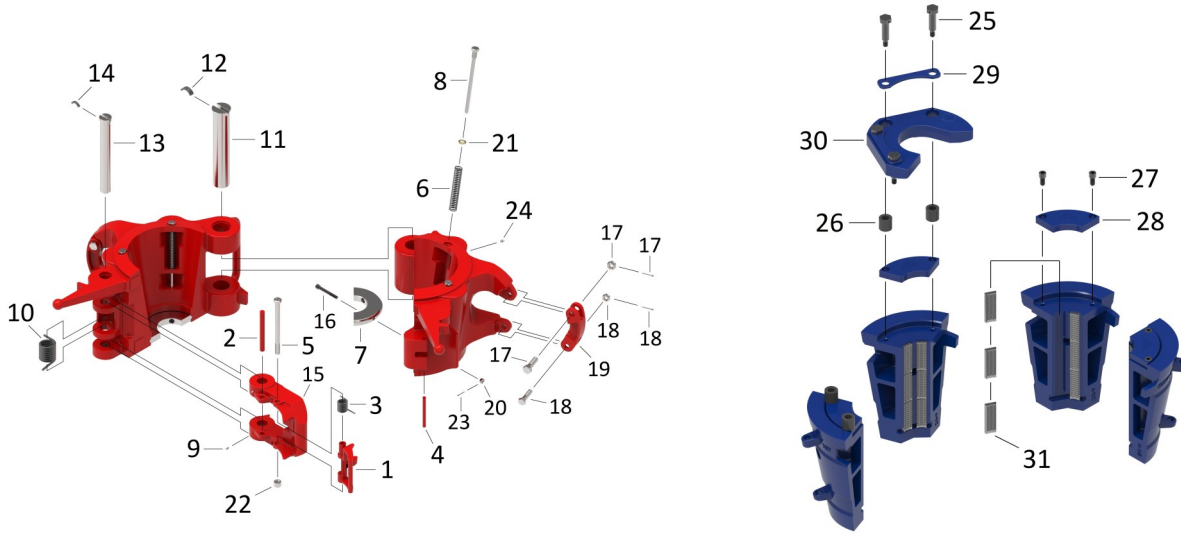
HYC SLIP ASSEMBLIES

PART NO.	DESCRIPTION	WT.
55509	4 1/2" X 3 1/2" HYC SLIP ASSY.	300
55510	4 1/2" X 4" HYC SLIP ASSY.	300
55511-2	4 1/2" X 4 1/2" HYC SLIP ASSY.	300
55512	5 1/2" X 5" HYC SLIP ASSY.	300
55513-2	5 1/2" X 5 1/2" HYC SLIP ASSY.	300
55514-2	7" X 6 5/8" HYC SLIP ASSY.	265
55515-2	7" X 7" HYC SLIP ASSY.	265
70009	7 5/8" X 7 5/8" HYC SLIP ASSY	265
55511-1	4 1/2" HYC SLIP SEGMENTS ONLY (MATCHED SET OF 4)	250
55513-1	5 1/2" HYC SLIP SEGMENTS ONLY (MATCHED SET OF 4)	230
55515-1	7" HYC SLIP SEGMENTS ONLY (MATCHED SET OF 4)	200
70009-1	7 5/8" HYC SLIP SEGMENT ONLY (MATCHED SET OF 4)	200

HYC MILL CUT SLIP ASSEMBLIES

PART NO.	DESCRIPTION	WT.
55575-MC	7 5/8" MILL CUT SLIP SET LESS RISER SETTING PLATE	-
55585-MC	8 5/8" MILL CUT SLIP SET LESS RISER SETTING PLATE	-
55515-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	13152	LATCH LOCK	1	1	4
2	13185	LATCH SPRING STOP		1	0.25
3	13188	LATCH LOCK SPRING	2	1	0.25
4	13190	DOOR LUG PIN		1	0.65
5	15101	LATCH LOCK BOLT	1	1	0.75
6	945044-2	SLIP SPRING	8	4	0.35
8	24076	SLIP BOLT	4	4	1
9	940308-1	GREASE FITTING		1	0.1
10	34909	LATCH SPRING	2	1	1.5
11	55311	HINGE PIN		1	25
12	55504	HINGE PIN RETAINER		1	0.35
13	55312	LATCH PIN		1	9
14	55505	LATCH PIN RETAINER		1	0.2
17	939672-19	COTTER PIN	3	3	0.1
17	8145-1	UPPER LINK BLOCK BOLT, NUT, & COTTER	2	2	0.5
18	8145-2	LOWER LINK BLOCK BOLT, NUT, & COTTER	2	2	0.5
18	939672-17	COTTER PIN	8	4	0.1
19	9519	LINK BLOCK		2	5.5
21	939354-6	LOCKWASHER	4	4	0.25
22	8150	LATCH LOCK BOLT NUT	1	1	0.25
25	55501	SHOULDER SCREW	8	4	0.41
26	55502	RUBBER BUSHING	8	4	0.04
27	941271-73	INSERT RETAINER SCREW	4	4	0.08
28	70011	7 5/8" INSERT RETAINER		4	1.85
28	30230	7" INSERT RETAINER		4	2
28	30224	5 1/2" INSERT RETAINER		4	2.5
28	30214	4 1/2" - 3 1/2" INSERT RETAINER		4	2.5
29	30216	SETTING RING RETAINER (3 1/2" - 7")	2	2	0.25
29	70147	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.
24071-6	7 5/8" HYC BOTTOM GUIDE PLATES (SET)	1	5.02
24071-2	7" BOTTOM GUIDE	1	3.75
24071-3	6 5/8" BOTTOM GUIDE	1	4.50
24071-1	5 1/2" BOTTOM GUIDE	1	5.50
24071	5" BOTTOM GUIDE	1	7.75
24071-4	4 1/2" BOTTOM GUIDE	1	8.50
26827	4" BOTTOM GUIDE	1	8.50
26827-1	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.
70010	7 5/8" X 7 5/8" INSERT	48	.50
16407	7" X 7" INSERT	48	.50
24748	7" X 6 5/8" INSERT	48	.75
16407	5 1/2" X 5 1/2" INSERT	36	.50
24783	5 1/2" X 5" INSERT	36	.80
24785	5 1/2" X 4 1/2" INSERT	36	1.05
16408	4 1/2" X 4 1/2" INSERT	24	.50
24781	4 1/2" X 4" INSERT	24	.80
24779	4 1/2" X 3 1/2" INSERT	24	1.00

HYC SETTING RINGS

PART NO.	DESCRIPTION	#REQ.	WT.
70012	7 5/8" HYC SETTING RING	1	11.00
55522	7" HYC SETTING RING	1	11.50
55521	6 5/8" HYC SETTING RING	1	12.00
55520	5 1/2" HYC SETTING RING	1	13.00
55519	5" HYC SETTING RING	1	14.50
55518	4 1/2" HYC SETTING RING	1	15.00
55517	4" HYC SETTING RING	1	16.50
55516	3 1/2" HYC SETTING RING	1	18.00

THESE SETTING PLATES ARE ONLY COMPATIBLE WITH STANDARD HYC SLIPS

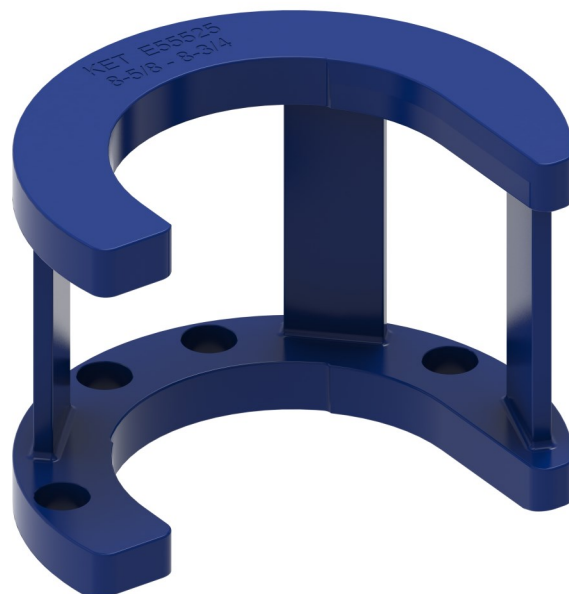
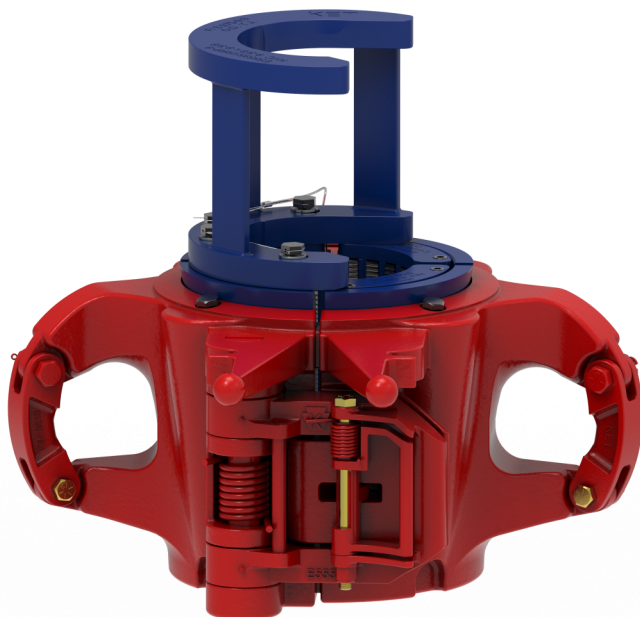
HYC RISER SETTING RINGS

ITEM NO.	PART NO.	DESCRIPTION	WT.
30	55595RP	9 5/8" HYC 10" RISER SETTING PLATE	-
30	55575RP	7 5/8" HYC 10" RISER SETTING PLATE F/MILL CUT SLIPS	-
30	55583RP	8 3/4" HYC 10" RISER SETTING PLATE F/MILL CUT SLIPS	-

Quality Delivered.

KET HYC-XR 200 TON ELEVATOR

PART NO.	RANGE	SIZE OF LINKS	WEIGHT
55510-XR	7 5/8" - 9 5/8"	2 1/4" - 3 1/2"	1200.00



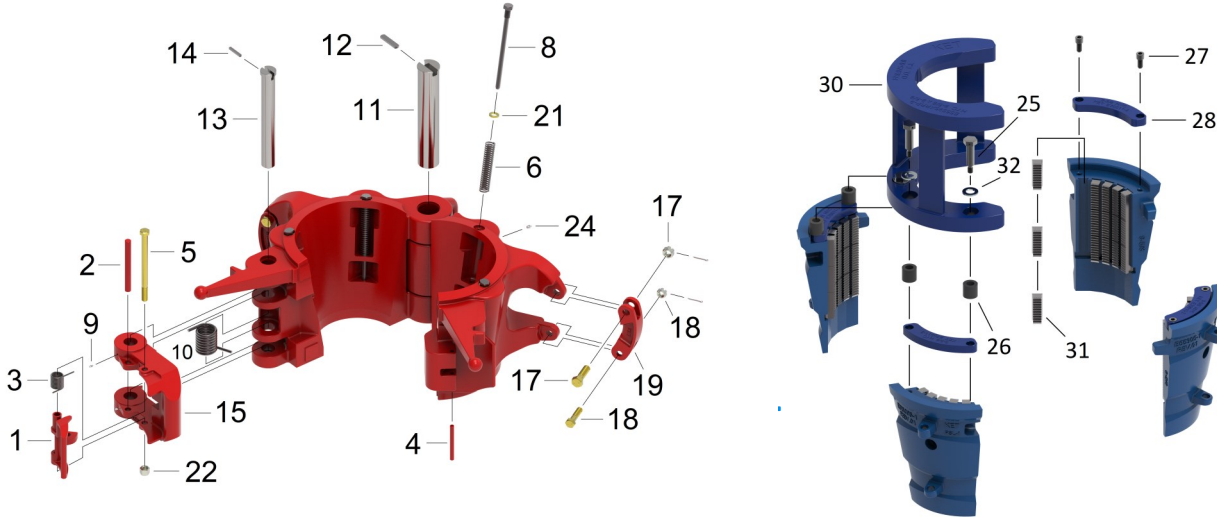
HYC-XR SLIP ASSEMBLIES

PART NO.	DESCRIPTION	WT.
55515-87	8 5/8" X 7 5/8" SLIP ASSEMBLY COMPLETE LESS RISER SETTING PLATE	-
55515-8	8 5/8" SLIP ASSEMBLY COMPLETE LESS RISER SETTING PLATE	-
55515-98	9 5/8" X 8 5/8" SLIP ASSEMBLY COMPLETE LESS RISER SETTING PLATE	-
55515-9	9 5/8" SLIP ASSEMBLY COMPLETE LESS RISER SETTING PLATE	-
55515-11	8 5/8" HYC-XR SLIP SET (MATCHED SET OF 4)	-
55515-10	9 5/8" HYC-XR SLIP (MATCHED SET OF 4)	-

RISER SETTING PLATES

ITEM NO.	PART NO.	DESCRIPTION	WT.
30	70012-RP	7 5/8" HYC-XR 10" RISER SETTING PLATE	-
30	55585-XR-RP-9-1	8 5/8" HYC-XR 10" RISER SETTING PLATE	-
30	55585-XR-RP-9	8 5/8" HYC-XR 12" RISER SETTING PLATE	-
30	55585-RP-9	8 5/8" HYC-XR 10" RISER SETTING PLATE F/MILL CUT SLIPS	-

KET HYC-XR 200 TON SLIP TYPE ELEVATOR PARTS

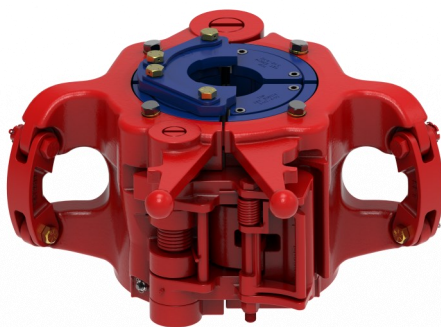


ITEM NO.	PART NO.	DESCRIPTION	**SPARES	#REQ.	WT.
1	13152	LATCH LOCK	1	1	4
2	13185	LATCH SPRING STOP		1	0.25
3	13188	LATCH LOCK SPRING	2	1	0.25
4	13190	DOOR LUG PIN		1	0.65
5	15101	LATCH LOCK BOLT	1	1	0.75
6	945044-2	SLIP SPRING	8	4	0.35
8	24076	SLIP BOLT	4	4	1
9	940308-1	GREASE FITTING		1	0.1
10	34909	LATCH SPRING	2	1	1.5
11	55311	HINGE PIN		1	25
12	55504	HINGE PIN RETAINER		1	0.35
13	55312	LATCH PIN		1	9
14	55505	LATCH PIN RETAINER		1	0.2
15	N/A	LATCH			
17	8145-1	UPPER LINK BLOCK BOLT, NUT, & COTTER	2	2	0.5
18	8145-2	LOWER LINK BLOCK BOLT, NUT, & COTTER	2	2	0.5
18	939672-17	COTTER PIN	8	4	0.1
19	9519	LINK BLOCK		2	5.5
21	939354-6	LOCKWASHER	4	4	0.25
22	8150	LATCH LOCK BOLT NUT	1	1	0.25
24	940308-1	GREASE ZERT		1	0.41
25	55501	SHOULDER SCREW	8	4	0.41
26	55502	RUBBER BUSHING	8	4	0.04
27	941271-73	INSERT RETAINER SCREW	4	4	0.08
28	30214	INSERT RETAINER 8 5/8" - 9 5/8"		4	2.5
28	70011	INSERT RETAINER 7 5/8—8 5/8"		4	1.85
30	N/A	RISER SETTING PLATE SEE TABLE ON PAGE 45		1	-
31	20-103-86	9 5/8 X 8 5/8 INSERT	60	60	0.22
31	20-103-96	9 5/8" X 9 5/8" INSERT	60	60	5.28
32	9133865-10	SHOULDER SCREW WASHER		4	0.1

Quality Delivered.

MYC 125 TON ELIP TYPE ELEVATOR

PART NO.	RANGE	SIZE OF LINKS	WEIGHT
200360	3 1/2" - 7"	2 1/4" - 2 3/4"	750.00



MYC SLIP ASSEMBLIES

PART NO.	DESCRIPTION	WT.
34931	4 1/2" X 3 1/2" YC/MYC SLIP ASSY.	150.00
26830	4 1/2" X 4" YC/MYC SLIP ASSY.	150.00
24072-5	4 1/2" X 4 1/2" YC/MYC SLIP ASSY.	150.00
24072-7	5 1/2" X 5" YC/MYC SLIP ASSY.	150.00
24072-2	5 1/2" X 5 1/2" YC/MYC SLIP ASSY.	150.00
24077-1	7" X 7" YC/MYC SLIP ASSY.	150.00
24077-7	7" X 6 5/8" YC/MYC SLIP ASSY	150.00
24072-4	4 1/2" YC/MYC SLIP SEGMENTS ONLY (MATCHED SET OF 4)	130.00
24072	5 1/2" YC/MYC SLIP SEGMENTS ONLY (MATCHED SET OF 4)	130.00
24077	7" YC/MYC SLIP SEGMENT ONLY (MATCHED SET OF 4)	130.00

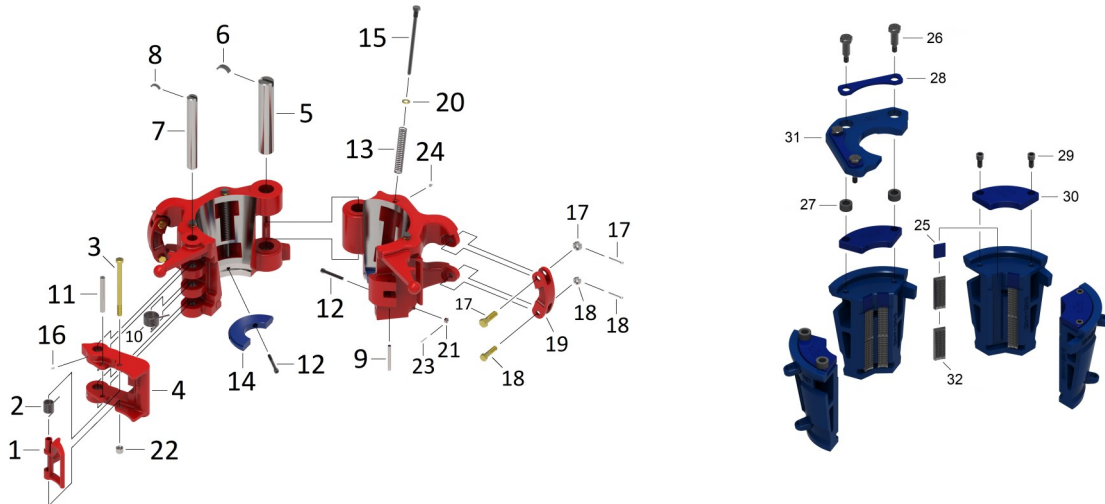
MYC SETTING PLATES

PART NO.	DESCRIPTION	#REQ.	WT.
34932	3 1/2" SETTING PLATE	1	8.00
30209	4" SETTING PLATE	1	8.00
30219	4 1/2" SETTING PLATE	1	7.00
30220	5" SETTING PLATE	1	6.25
30223	5 1/2" SETTING PLATE	1	6.13
30226	6 5/8" SETTING PLATE	1	6.00
30229	7" SETTING PLATE	1	5.50

MYC BOTTOM GUIDE PLATES

PART NO.	DESCRIPTION	#REQ.	WT.
24071-2	7" BOTTOM GUIDE	1	3.75
24071-3	6 5/8" BOTTOM GUIDE	1	4.50
24071-1	5 1/2" BOTTOM GUIDE	1	5.50
24071	5" BOTTOM GUIDE	1	7.75
24071-4	4 1/2" BOTTOM GUIDE	1	8.50
26827	4" BOTTOM GUIDE	1	8.50
26827-1	3 1/2" BOTTOM GUIDE	1	8.00

MYC 125 TON SLIP TYPE ELEVATOR PARTS



ITEM NO.	PART NO.	DESCRIPTION	**SPARES	#REQ.	WT.
1	13152	LATCH LOCK	1	1	4.00
2	13188	LATCH LOCK SPRING	2	1	0.38
3	15101	LATCH LOCK PIN	1	1	1.30
4	200363	LATCH		1	42.00
5	200364	HINGE PIN		1	16.00
6	200364-RT	HINGE PIN RETAINER		1	0.19
7	200365	LATCH PIN		1	7.50
8	200365-RT	LATCH PIN RETAINER		1	0.13
9	200366	DOOR LUG PIN		11	0.32
10	200367	LATCH SPRING	2	1	0.68
11	200368	SPRING STOP PIN		1	0.94
12	200369	GUIDE PLATE SCREW		4	0.84
13	24049	SLIP SPRING	8	4	0.35
14	24075-B	BOTTOM GUIDE PLATE		2	-
15	24076	SLIP BOLT	4	4	1.00
16	316-TI	LATCH GREASE ZERT		2	0.10
17	8145-1	UPPER LINK BLOCK BOLT, NUT, & COTTER	2	2	0.50
18	81452	LOWER LINK BLOCK BOLT, NUT, & COTTER	2	2	0.50
19	9519	LINK BLOCK		2	5.50
20	939352-6	SLIP BOLT LOCK WASHER	2	4	0.25
21	939484-5	GUIDE PLATE NUT		4	0.25
22	939484-8	LATCH LOCK BOLT & NUT	2	1	1.50
23	939672	GUIDE PLATE COTTER		4	0.05
24	940308-1	1/8 NPT GREASE ZERT		1	0.05
25	24506	INSERT SPACER	4	4	0.25
26	30211	SETTING PLATE BOLT	4	4	0.25
27	30213	RUBBER BUSHING	4	4	0.05
28	30216	SETTING RING RETAINER	2		0.25
29	941271-73	INSERT RETAINER SCREW	4	8	0.13
30	30214	INSERT RETAINER RING 3 1/2"-4 1/2"	4	4	2.75
30	30224	INSERT RETAINER RING 5" - 5 1/2"	4	4	2.13
30	30230	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	-	-

Quality Delivered.

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	
16441	3 1/2"	3 1/2"		18					.50
16442	4"	4"	16						.50
16408	4 1/2"	4 1/2"	16	27					.50
16407	5 1/2"	5 1/2"	16	27	36	45	45		.50
16407	7"	7"	24		48	60	60		.50
16407-HYC	7 5/8"	7 5/8"							.50
15660	8 5/8"	8 5/8"			60		75		.50
15660	8 7/8"	8 7/8"						108	.50
15660	9 5/8"	9 5/8"			72	90	90		.50
15660	10 3/4"	10 3/4"			72		90		.50
15660	10 7/8"	10 7/8"						126	.50
15660	11 3/4"	11 3/4"			72	105			.50
15660	12 1/2"	12 1/2"						144	.50
15660	13 3/8"	13 3/8"			84	135			.50
15660	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	
25780	3 1/2"	2 7/8"		18					.85
24777	3 1/2"	2 3/8"		18					1.20
24781	4 1/2"	4"	16	27					.80
24779	4 1/2"	3 1/2"	16	27					1.00
24783	5 1/2"	5"	16	27	36	45	45		.80
24785	5 1/2"	4 1/2"	16	27	36	45	45		1.05
24748	7"	6 5/8"	24		48	60	60		.75
25474	7 5/8"	6 5/8"		45	60	75	75		1.05
26750	7 5/8"	7"		45	60	75	75		.90
26750-HYC	7 5/8"	7"							.90
25474	8 5/8"	7 5/8"		45	60		75		1.05
39290	8 7/8"	7 5/8"						108	1.20
39286	8 7/8"	8 5/8"						108	.65
25474	9 5/8"	8 5/8"			72	90	90		1.05
33249	10 3/4"	9 5/8"			72		90		1.15
39290	10 7/8"	9 5/8"						126	1.30
39285	10 7/8"	10 3/4"						126	.60
25474	11 3/4"	10 3/4"			72	105		126	1.05
39289	12 1/2"	11 3/4"						144	.90
32700	14"	13 3/8"						162	.90

Quality Delivered.

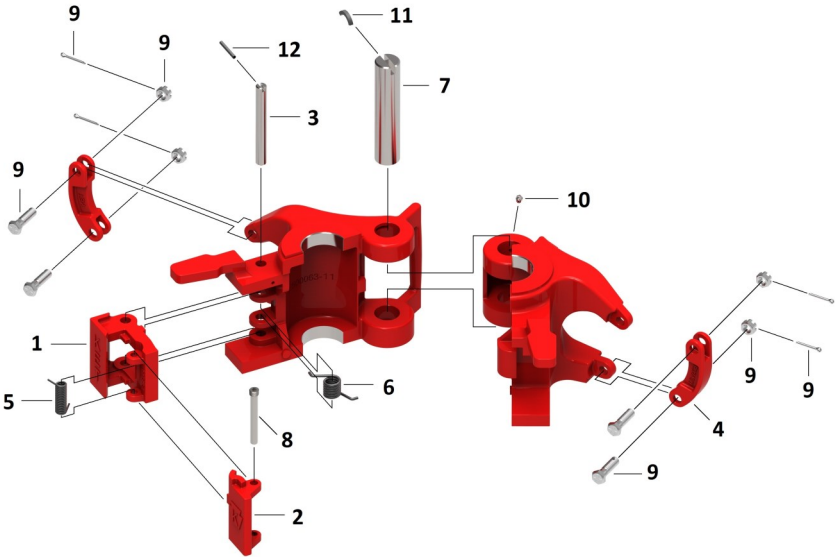
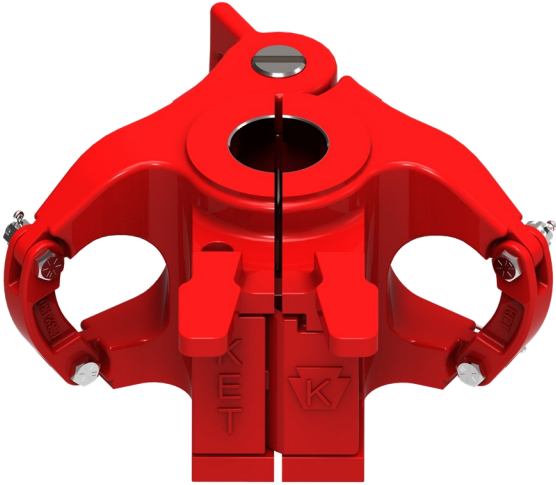
INSERTS FOR VARCO™ ELEVATORS/SPIDERS

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		
23-157	REDUCER	2160	3 1/2"	2 3/8"	12/12B								.87
23-156	REDUCER	2161	3 1/2"	2 7/8"	12/12B								.64
23-155	BASIC	2162	3 1/2"	3 1/2"	24								.42
23-160	REDUCER	2163	4 1/2"	3 1/2"	16/16B								.81
23-159	REDUCER	2164	4 1/2"	4"	16/16B								.61
23-158	BASIC	2165	4 1/2"	4 1/2"	32								.42
23-163	REDUCER	2168	5 1/2"	4 1/2"	16/16B	24/16B	32/16B						.81
23-165	REDUCER	2169	5 1/2"	5"	16/16B	24/16B	32/16B						.61
23-164	BASIC	2170	5 1/2"	5 1/2"	32	40	48						.42
23-168	REDUCER	2632	7 5/8"	6 5/8"	24/24B	36/24B	48/24B	60/24B					.81
23-169	REDUCER	2623	7 5/8"	7"	24/24B	36/24B	48/24B	60/24B					.64
23-170	BASIC	2633	7 5/8"	7 5/8"	48	60	72	84					.42
23-171	REDUCER	2640	9 5/8"	8 5/8"		48/32B	64/32B	80/32B	96/24B				.81
23-170	BASIC	2633	9 5/8"	9 5/8"		48/32B	64/32B	80/32B	96/24B				.81
23-171	REDUCER	2640	11 3/4"	10 3/4"		60/40B	80/40B	100/40B	144/36B				.81
23-172	BASIC	2637	11 3/4"	11 3/4"		100	120	140	180				.42
23-172	BASIC	2637	13 3/8"	13 3/8"		100	120	140					.42
23-173	REDUCER	2636	14"	13 3/8"		60/40B	80/40B	100/40B	144/36B				.64
23-174	BASIC	2635	14"	14"		100	120	140	180				.42
23-174	BASIC	2635	16"	16"					240	180	210		.42
23-175	REDUCER	13868	20"	18 5/8"					720	420	510		.52
23-174	BASIC	2635	20"	20"					300	180	210		.42
23-174	BASIC	2635	24"	24"						180	210		.42

Quality Delivered.

KET TMA (100 TON) ELEVATOR

PART NO.	RANGE	SIZE OF LINKS	WEIGHT
500063	2-3/8" - 5"	1-3/4" - 2-3/4"	132.00



REPLACEMENT PARTS FOR TMA ELEVATORS

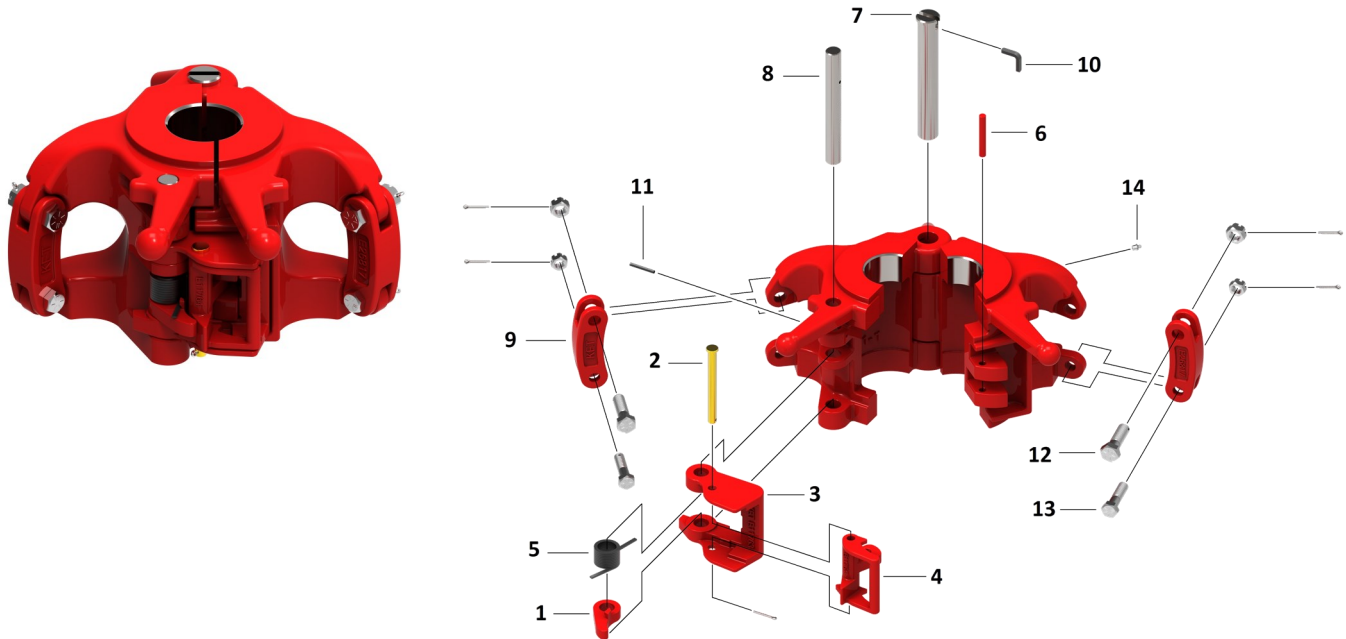
ITEM	QTY	PART NO.	DESCRIPTION	SPARES	WEIGHT
1	1	32380	LATCH		6.36
2	1	32381-1	LATCH LOCK		2.38
3	1	32424-1	LATCH PIN		0.78
4	2	32430	LINK BLOCK		2.25
5	1	32758	LATCH LOCK SPRING	2	.125
6	1	32760	LATCH SPRING	2	.180
7	1	32915	HINGE PIN		5.48
8	1	36208	LATCH LOCK PIN	1	.240
9	4	939099-65-2	LINK BLOCK BOLT, NUT, AND COTTER	4	0.12
10	1	940308-1	GREASE FITTING	2	0.02
11	1	32915-R	HINGE PIN RETAINER	2	0.12
12	1	32424-1-R	LATCH PIN RETAINER	2	0.12

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

Quality Delivered.

KET MRA(175 TON) CENTER LATCH ELEVATOR

PART NO.	RANGE	SIZE OF LINKS	WEIGHT
30158	2-3/8"-5-1/2"	1-3/4"-2-3/4"	210.00



REPLACEMENT PARTS FOR MRA ELEVATORS

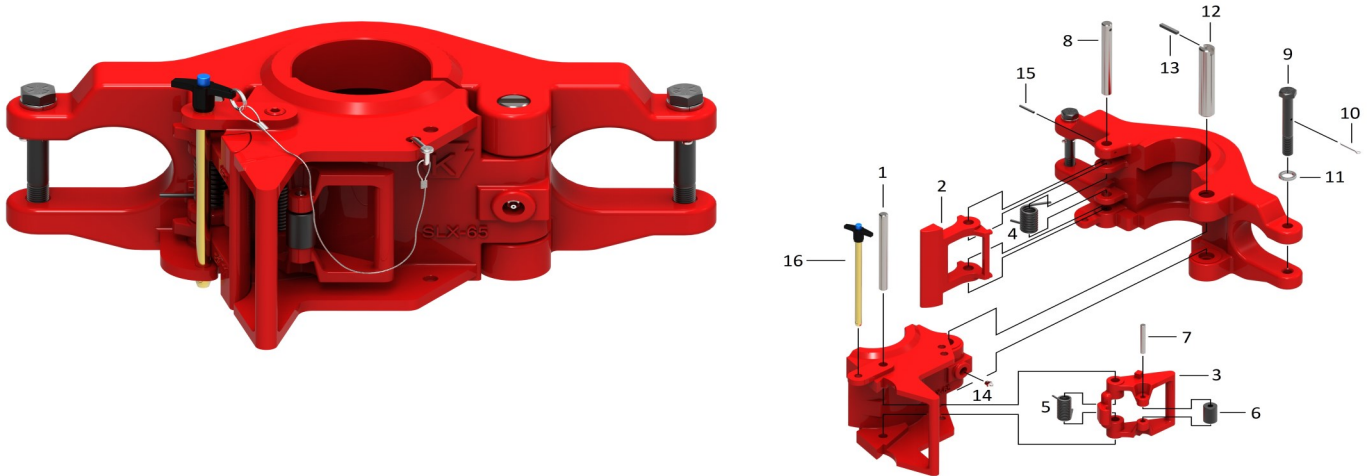
ITEM	QTY	PART NO.	DESCRIPTION	SPARES	WEIGHT
1	1	11581	LATCH CAM	1	0.12
2	1	11759	LATCH LOCK PIN	1	2.09
3	1	11763	LATCH		9.04
4	1	11764	LATCH LOCK	*	3.00
5	1	11766	LATCH SPRING	2	0.10
6	1	12529	LATCH LUG PIN		0.03
7	1	26813-2	HINGE PIN	*	4.09
8	1	26814	LATCH PIN	*	2.09
9	1	26817	LINK BLOCK		3.08
10	1	26813-2-R	HINGE PIN RETAINER	2	0.12
11	1	8156	LATCH PIN RETAINER	2	0.12
12	2	8145-1	UPPER LINK BLOCK BOLT, NUT, & COTTER	2	0.12
13	2	8145-2	LOWER LINK BLOCK BOLT, NUT, & COTTER	2	0.12
14	1	940308-1	GREASE ZERT	2	0.02

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

Quality Delivered.

KET SLX—65 (65 TON) SIDE DOOR ELEVATOR

PART NO.	RANGE	SIZE OF LINKS	WT.
38-045	3 1/2" - 5"	1 3/4" - 2 3/4"	160.00
38-067	5 1/2" - 8 5/8"	1 3/4" - 2 3/4"	190.00
38-809	9" - 10 3/4"	1 3/4" - 2 3/4"	218.00
38-137	11" - 14 1/4"	1 3/4" - 2 3/4"	275.00



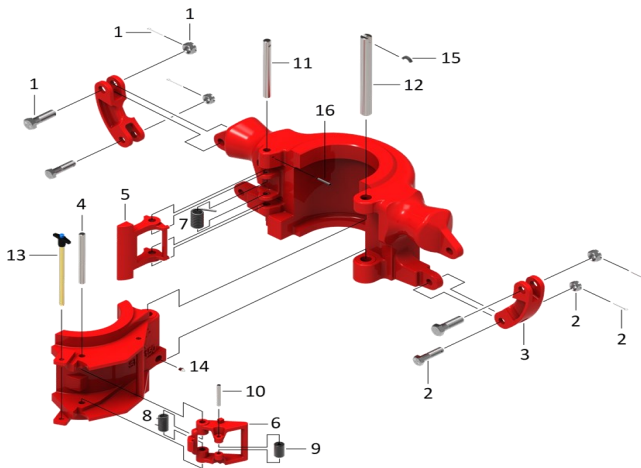
KET REPLACEMENT PARTS FOR SLX-65 ELEVATOR

PART NO #	ITEM #	DESCRIPTION	SPARES	# REQ	WT.
29980-4	1	LATCH LOCK PIN		1	0.50
31331	2	LATCH		1	4.50
31332	3	LATCH LOCK		1	3.50
31383	4	LATCH SPRING	2	1	0.45
31404	5	LATCH LOCK SPRING	2	1	0.19
31407	6	LATCH LOCK ROLLER		1	0.38
31584	7	LATCH LOCK ROLLER PIN		1	0.13
32424-3	8	LATCH PIN		1	0.83
34X6	9	LINK BLOCK BOLT (38-045 FRAME)	2	2	0.75
34X7	9	LINK BLOCK BOLT (38-067, 38-137, 38-809 FRAME)	2	2	0.75
34X7-C	10	LINK BLOCK BOLT COTTER		1	0.04
34X7-W	11	LINK BLOCK BOLT LOCK WASHER		1	0.07
34612	12	HINGE PIN (38-045 FRAME)		1	2.00
34613	12	HINGE PIN (38-67, 38-809, 38-137 FRAME)			2.15
34611-R	13	HINGE PIN RETAINER (38-137, 38-809 FRAME)		1	0.06
34614	13	HINGE PIN RETAINER (38-045, 38-067 FRAME)		1	0.06
940308-1	14	1/8 NPT GREASE ZERT	1	1	0.08
947128-120	15	LATCH PIN RETAINER	1	1	0.08
39-051-4	16	SAFETY LATCH LOCK PIN 38-045 FRAME)	2	1	0.50
39-051-5	16	SAFETY LATCH LOCK PIN (38-067, 38-809, 38-137 FRAME)	2		

Quality Delivered.

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.
31150	N/A	N/A	3 1/2" - 5"	2-1/4"-3-1/2"	270.0
31239	31250	31275	5" - 8 5/8"	2-1/4"-3-1/2"	300.0
33950	33650	33675	9 5/8" - 10 3/4"	2-1/4"-3-1/2"	420.0
33982	33850	33875	11 3/4" - 14"	2-1/4"-3-1/2"	475.0



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

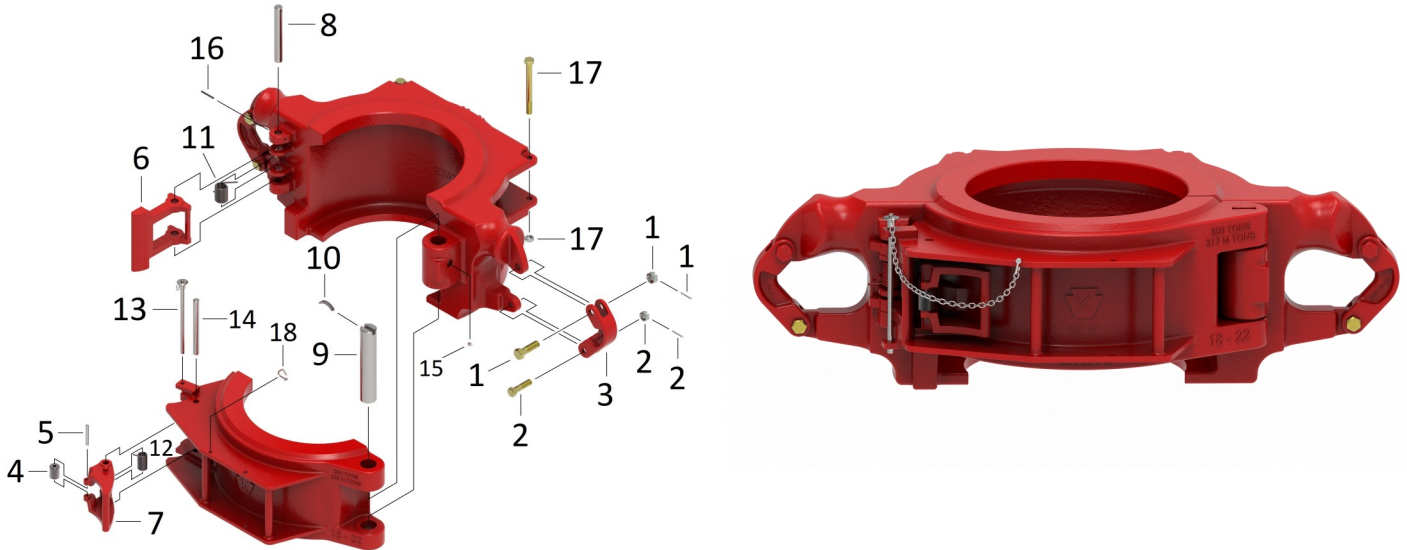
PART NO#	ITEM #	DESCRIPTION	SPARES	# REQ	WT.
8145-1	1	UPPER LINK BLOCK BOLT, NUT, CUTTER	2	2	1.13
8145-2	2	LOWER LINK BLOCK BOLT, NUT, CUTTER	2	2	1.13
9519	3	LINK BLOCK		2	5.50
29980-4	4	LATCH LOCK PIN	1	1	0.50
31331	5	LATCH		1	4.50
31332	6	LATCH LOCK		1	3.50
31383	7	LATCH SPRING	2	1	0.44
31404	8	LATCH LOCK SPRING	2	2	0.19
31407	9	LATCH LOCK ROLLER		1	0.38
31584	10	LATCH LOCK ROLLER PIN		1	0.13
32424-5	11	LATCH PIN	1	1	0.75
34611	12	HINGE PIN (31150 - 31275 FRAME)		1	4.44
33953	12	HINGE PIN (33950 - 33675 FRAME)		1	6.25
33985	12	HINGE PIN (33982 - 33875 FRAME)		1	8.50
39-051-5	13	SAFETY LATCH LOCK PIN	2	1	0.50
940308-1	14	1/8 NPT GREASE ZERT	1	1	0.80
34614	15	HINGE PIN RETAINER (31150 - 31275 FRAME)		1	0.09
34614-1	15	HINGE PIN RETAINER (33950 - 33675 FRAME)		1	0.06
34614-2	15	HINGE PIN RETAINER (33982 - 33875 FRAME)		1	0.04
947128-120	16	LATCH PIN RETAINER (SPRING PIN)	1	1	0.08

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

Quality Delivered.

KET SLX (150-350 TON) SIDE DOOR ELEVATOR

150 TON PART NO.	250 TON PART NO.	350 TON PART NO.	RANGE	SIZE OF LINKS	WT.
33632	33633	33634	18" - 22 5/8"	2-1/4"-3-1/2"	



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

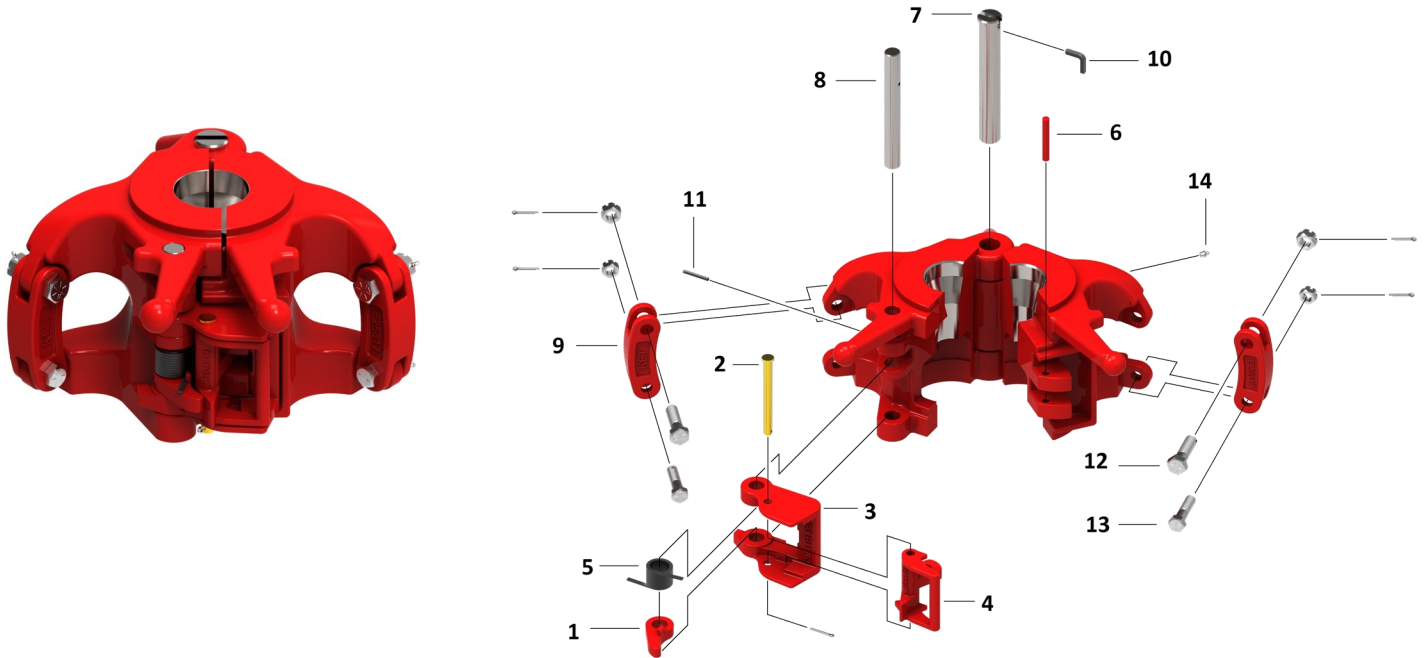
PART NO #	ITEM #	DESCRIPTION	SPARES	# REQ	WT.
8145-1	1	UPPER LINK BLOCK BOLT, NUT, CUTTER	2	2	0.86
8145-2	2	LOWER LINK BLOCK BOLT, NUT, CUTTER	2	2	0.57
33250	3	LINK BLOCK		2	
31407-20	4	LATCH LOCK ROLLER		1	0.38
31584	5	LATCH LOCK ROLLER PIN		1	
33634	6	LATCH		1	810.00
33635	7	LATCH LOCK		1	3.45
33645	8	LATCH PIN	1	1	
33646	9	HINGE PIN		1	
33646-RT	10	HINGE PIN RETAINER		1	
31383	11	LATCH SPRING	2	1	0.34
33657	12	LATCH LOCK SPRING		1	
535452	13	SAFETY LATCH LOCK PIN	2	1	
50713	14	LATCH LOCK PIN	1	1	
940308-1	15	1/8 NOT GREASE ZERT	1	1	0.08
947128-120	16	LATCH PIN RETAINER	1	1	
-34X95	17	REAR HANDLE BOLT, NUT, & COTTER	2	2	

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

Quality Delivered.

KET MG (100 TON) BOTTLENECK ELEVATOR

PART NO.	RANGE	SIZE OF LINKS	WEIGHT
30157	2-3/8" - 5"	1-3/4"- 2-3/4"	240.00



REPLACEMENT PARTS FOR MG ELEVATORS

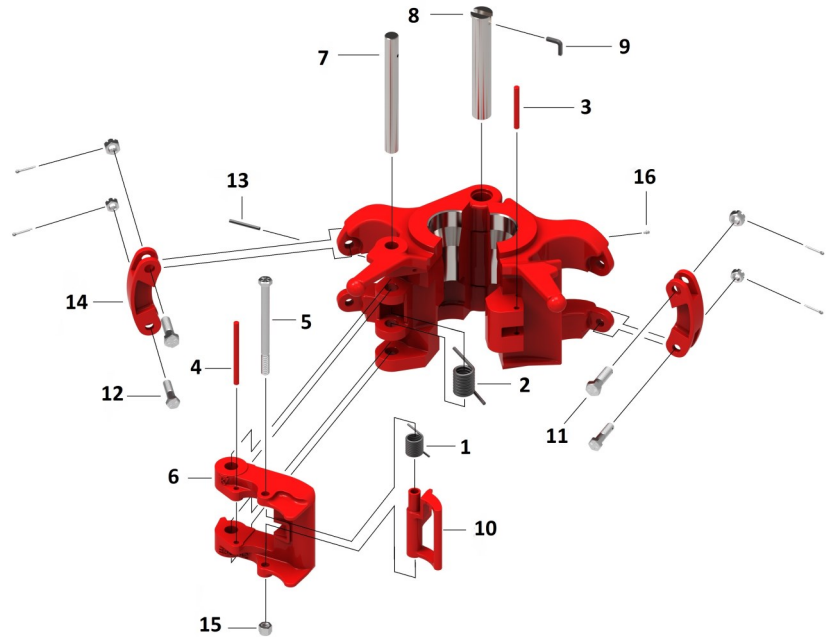
ITEM	QTY	PART NO.	DESCRIPTION	SPARES	WEIGHT
1	1	11581	LATCH CAM	1	0.12
2	1	11759	LATCH LOCK PIN	1	2.09
3	1	11763	LATCH		9.04
4	1	11764	LATCH LOCK	*	3.00
5	1	11766	LATCH SPRING	2	0.05
6	1	12529	LATCH LUG PIN		0.03
7	1	26813-2	HINGE PIN	*	4.09
8	1	26814	LATCH PIN	*	2.09
9	1	26817	LINK BLOCK		3.08
10	1	26813-2-R	HINGE PIN RETAINER	2	0.12
11	1	8156	LATCH PIN RETAINER	2	0.12
12	2	8145-1	UPPER LINK BLOCK BOLT, NUT, & COTTER	2	0.12
13	2	8145-2	LOWER LINK BLOCK BOLT, NUT, & COTTER	2	0.12
14	1	940308-1	GREASE ZERT	2	0.02

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

Quality Delivered.

KET RG (150 TON) BOTTLENECK ELEVATOR

PART NO.	RANGE	SIZE OF LINKS	WEIGHT
30155	2-3/8"-4-1/2"	1-3/4"-2-3/4"	320.00



REPLACEMENT PARTS FOR RG ELEVATORS

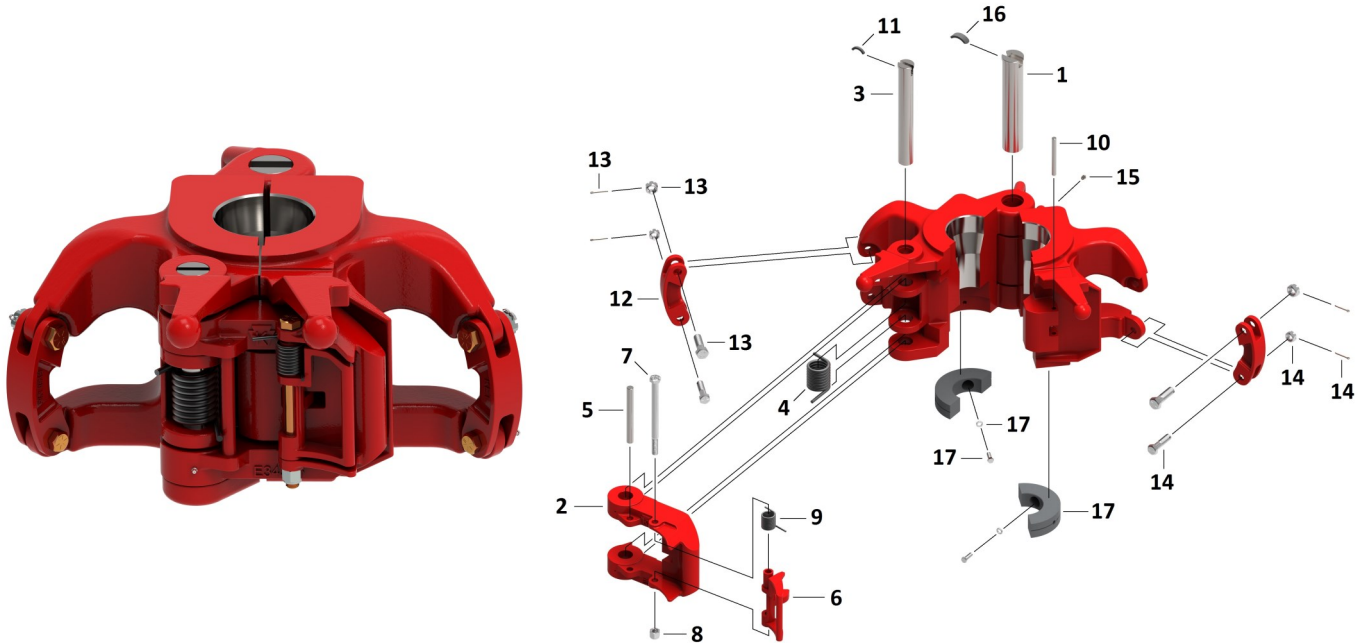
ITEM	QTY	PART NO.	DESCRIPTION	SPARES	WEIGHT
1	1	13188	LATCH LOCK SPRING	2	0.30
2	1	23546	LATCH SPRING	2	1.00
3	1	23547	LATCH LUG PIN		0.32
4	1	23548	SPRING STOP PIN	1	0.94
5	1	23553	LATCH LOCK BOLT & NUT	2	1.30
6	1	30142	LATCH		44.00
7	1	30148	LATCH PIN	*	4.00
8	1	30149	HINGE PIN	*	7.00
9	1	30149-1	HINGE PIN RETAINER	2	0.13
10	1	30150	LATCH LOCK	*	4.00
11	2	8145-1	UPPER LINK BLOCK BOLT, NUT, & COTTER		0.50
12	2	8145-2	LOWER LINK BLOCK BOLT, NUT, & COTTER		0.75
13	1	8156	LATCH PIN RETAINER	2	0.10
14	2	9519-1	LINK BLOCK		5.50
15	1	939484-8	LATCH LOCK NUT		0.20
16	1	940308-1	GREASE ZERT	2	0.10

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

Quality Delivered.

KET MGG (250 TON) BOTTLENECK ELEVATOR

PART NO.	RANGE	SIZE OF LINKS	WEIGHT
35005	3-1/2"-5-1/2"	2-1/4"-3-1/2"	600.00



REPLACEMENT PARTS FOR MGG ELEVATORS

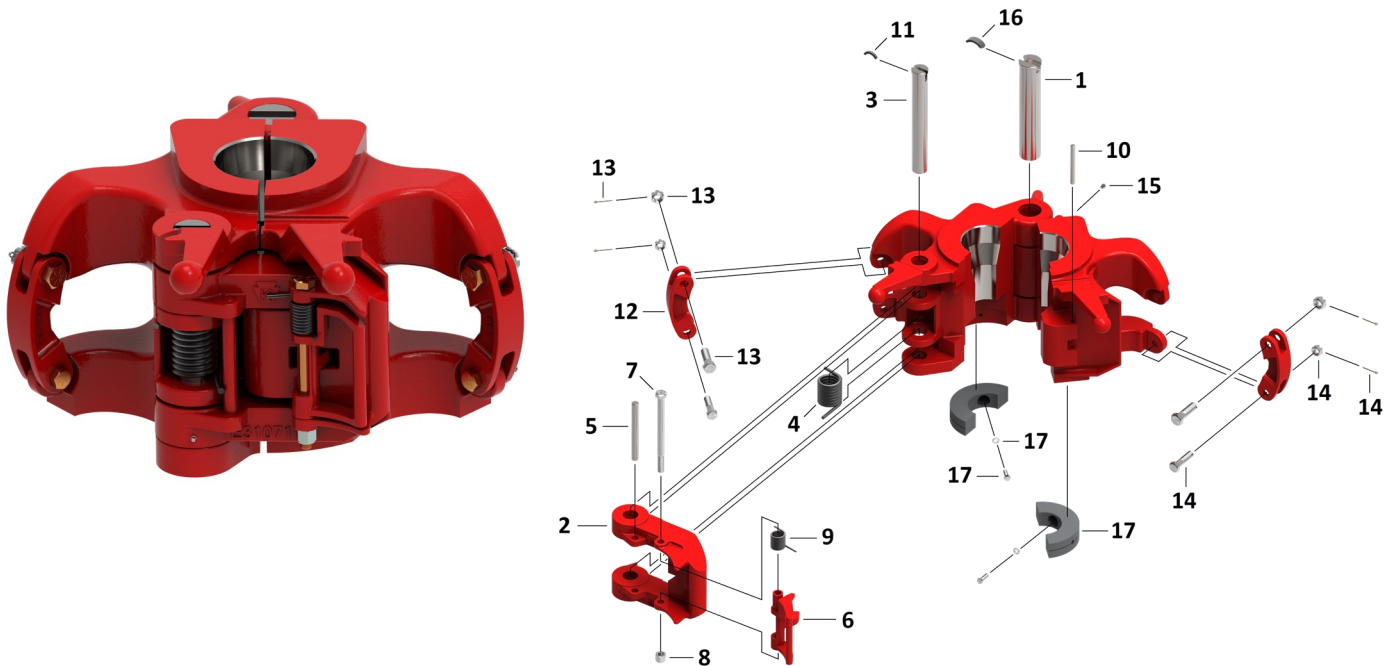
ITEM	QTY	PART NO.	DESCRIPTION	SPARES	WEIGHT
1	1	34908	HINGE PIN	*	15.50
2	1	34906	LATCH		57.00
3	1	34907	LATCH PIN	*	7.31
4	1	34909	LATCH SPRING	2	2.50
5	1	13185	SPRING STOP PIN	1	0.94
6	1	13152	LATCH LOCK	*	4.00
7	1	15101	LATCH LOCK BOLT & NUT	2	1.30
8	1	939484-8	LATCH LOCK BOLT NUT	2	0.20
9	1	13188	LATCH LOCK SPRING	2	0.30
10	1	13190	DOOR LUG PIN		0.32
11	1	34911	LATCH PIN RETAINER	2	0.13
12	2	9519	LINK BLOCK		5.50
13	2	8145-1	UPPER LINK BLOCK BOLT, NUT, & COTTER	2	0.50
14	2	8145-2	LOWER LINK BLOCK BOLT, NUT, & COTTER	2	0.75
15	1	940308-1	GREASE FITTING		0.10
16	1	34910	HINGE PIN RETAINER	2	0.19
17	1	200275-	3-1/2"-5-1/2" WEAR BUSHING F/MGG & GG ELEVATORS	2	2.75

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

Quality Delivered.

KET GG (350 TON) BOTTLENECK ELEVATOR

PART NO.	RANGE	SIZE OF LINKS	WEIGHT
31068	3-1/2"-6-5/8"	2-1/4"-3-1/2"	700.00



REPLACEMENT PARTS FOR GG ELEVATORS

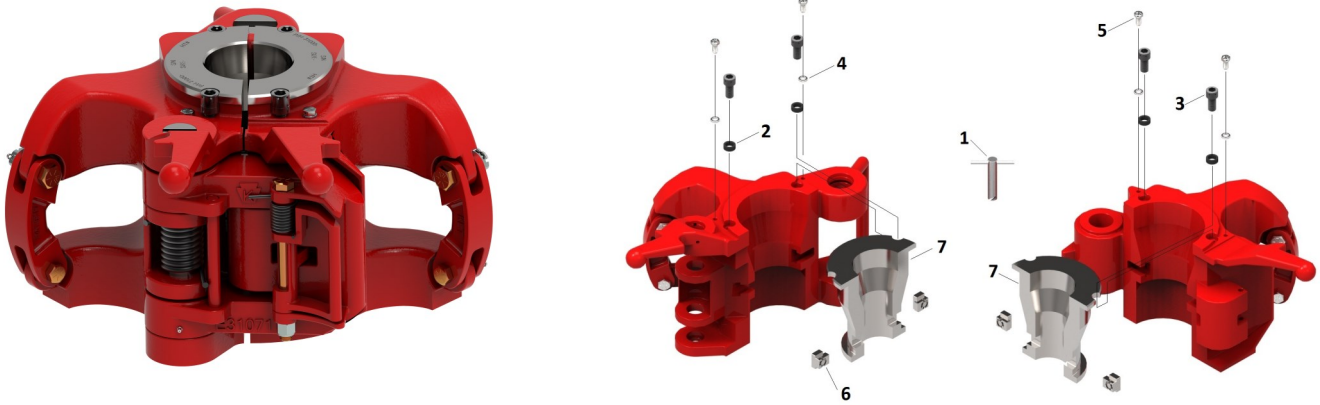
ITEM	QTY	PART NO.	DESCRIPTION	SPARES	WEIGHT
1	1	33998	HINGE PIN	*	15.50
2	1	31071	LATCH		57.00
3	1	33999	LATCH PIN	*	7.31
4	1	18416	LATCH SPRING	2	2.50
5	1	13185	SPRING STOP PIN	1	0.94
6	1	13152	LATCH LOCK	*	4.00
7	1	15101	LATCH LOCK BOLT	2	1.30
8	1	939484-8	LATCH LOCK BOLT NUT	2	0.20
9	1	13188	LATCH LOCK SPRING	2	0.30
10	1	13190	DOOR LUG PIN		0.32
11	1	32892	LATCH PIN RETAINER	2	0.13
12	2	9519	LINK BLOCK		5.50
13	2	8145-1	UPPER LINK BLOCK BOLT, NUT, & COTTER	2	0.50
14	2	8145-2	LOWER LINK BLOCK BOLT, NUT, & COTTER	2	0.75
15	1	940308-1	GREASE FITTING		0.10
16	1	31074	HINGE PIN RETAINER	2	0.19
17	1	200275-	3-1/2" - 5-1/2" WEAR BUSHING F/MGG & GG ELEVATORS	2	2.75

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

Quality Delivered.

KET BUSHING TYPE ELEVATOR (MGG-GG)

PART NO.	RANGE	SIZE OF LINKS	WEIGHT (LBS.)
35005-IB (MGG)	2-7/8"-5"	2-1/4"-3-1/2"	600.00
31068-IB (GG)	2-7/8"-5"	2-1/4"-3-1/2"	750.00
31068-IB-2 (GG)	2-7/8"-5 1/2"	2-1/4"-3-1/2"	800.00



REPLACEMENT PARTS FOR BUSHING TYPE ELEVATORS

ITEM	QTY	PART NO.	DESCRIPTION	SPARES	WEIGHT (LBS.)
1	1	35002-T	LOCK-BLOCK TOOL	1	0.755
2	4	35001-S	RETAINER BUSHING	4	0.065
3	4	35001	RETAINER BOLT	4	0.300
4	4	35007	LOCK WASHER	4	0.015
5	4	35006	SAFETY WIRE SCREW	4	0.075
6	4	35002-ASSY	LOCK-BLOCK-ASSY.	4	0.335
7	1	35000-	MGG BUSHING SET (SEE CHARTS BELOW FOR SPECIFIC SIZES)	1	SEE BELOW
7	1	31000-	GG BUSHING SET (SEE CHARTS BELOW FOR SPECIFIC SIZES)	1	SEE BELOW
7	1	31005-	GG-IB-2 BUSHING SET (SEE CHARTS BELOW FOR SPECIFIC SIZES)	1	SEE BELOW
	1	35000-118	2-7/8"-BUSHING F/MGG	1	68.00
	1	35000-120	3-1/2"-BUSHING F/MGG	1	66.00
	1	35000-121	4" FH BUSHING F/MGG	1	64.00
	1	35000-220	4" SH BUSHING F/MGG	1	65.00
	1	35000-122	4-1/2" BUSHING F/MGG	1	62.00
	1	35000-123	5" BUSHING F/MGG	1	59.00
	1	31000-120	3-1/2" BUSHING F/GG	1	70.00
	1	31000-121	4" FH BUSHING F/GG	1	68.00
	1	31000-220	4" SH BUSHING F/GG	1	69.00
	1	31000-122	4-1/2" BUSHING F/GG	1	66.00
	1	31000-123	5" BUSHING F/GG	1	64.00
	1	31005-118	2 7/8" BUSHING F/ GG	1	75.00
	1	31005-120	3-1/2" BUSHING F/GG	1	70.00
	1	31005-121	4" FH BUSHING F/GG	1	68.00
	1	31005-220	4" SH BUSHING F/GG	1	69.00
	1	31005-122	4-1/2" BUSHING F/GG	1	66.00
	1	31005-123	5" BUSHING F/GG	1	64.00
	1	31005-124	5 1/2" BUSHING F/GG	1	62.00

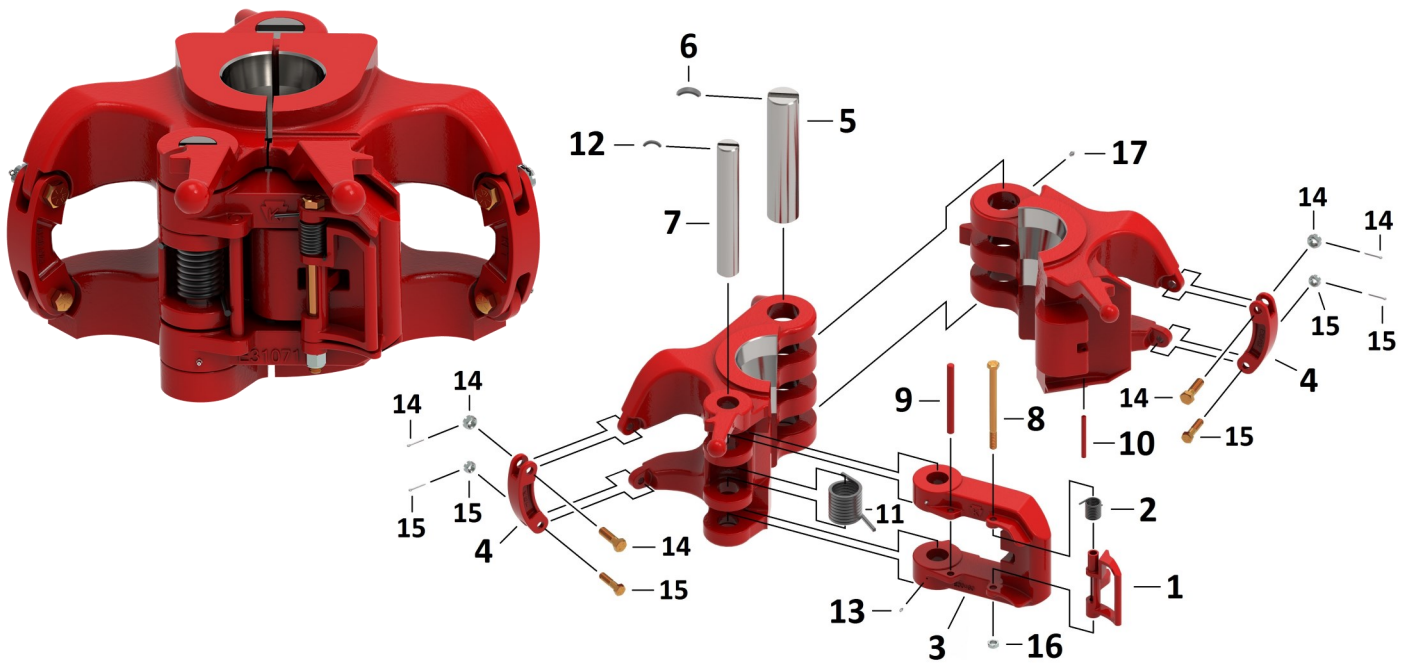
1 YEAR SPARES.FOR 2 YEARS SPARES ADD 1 EA OF * THESE ITEMS

www.krmsupply.com

Quality Delivered.

KET HGG (500 TON) BOTTLENECK ELEVATOR

PART NO.	RANGE	SIZE OF LINKS	WEIGHT (LBS)
70013	4"-6-5/8"	2-1/4"-3-1/2"	1,220



REPLACEMENT PARTS FOR HGG ELEVATORS

ITEM	QTY	PART NO.	DESCRIPTION	SPARES	WEIGHT
1	1	13152-1	Latch Lock	*	3.96
2	1	13188	Latch Lock Spring	2	.36
3	1	30460	Latch		106
4	2	30492	Link Block	2	5.54
5	1	30553	Hinge Pin	*	19.00
6	1	30609	Hinge Pin Retainer	2	.4
7	1	30613	Latch Pin	*	10.5
8	1	31138	Latch Lock Bolt	2	1.50
9	1	31215	Spring Stop Pin	1	.92
10	1	31216	Door Lug Pin		.35
11	1	31228	Latch Spring	2	1.00
12	1	31525	Latch Pin Retainer	2	.1
13	1	316-TI	Grease Zert for Latch	2	.03
14	2	8145-1	Upper Link Block Bolt, Nut, & Cotter	2	.86
15	2	8145-2	Lower Link Block Bolt, Nut, & Cotter	2	.57
16	1	939484-8	Latch Lock Bolt, Nut	2	.25
17	1	940308-1	Grease Zert for Door	2	.08

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

KET ELEVATOR BORE CODE INFORMATION

ELEVATOR BORES FOR 18° DRILL PIPE

DRILL PIPE SIZE	UPSET TYPE	BORE CODE	UPSET MAX OD	THRU BORE	TOP BORE	STANDARD CONNECTION
2 3/8"	EU	116	2 9/16"	2 21/32"	4 1/4"	NC 26 (2 3/8 IF)
2 7/8"	EU	118	3 3/16"	3 9/32"	4 3/4"	NC 31 (2 7/8 IF)
3 1/2"	IU	119	3 11/16"	3 25/32"	5 1/2"	NC 31
3 1/2"	EU	120	3 7/8"	3 31/32"	5 1/2"	NC 38 (3 1/2 IF)
4"	IU	121	4 3/16"	4 9/32"	6 1/2"	NC 40 (4 FH)
4"	EU	122	4 1/2"	4 25/32"	6 3/4"	NC 46 (4 IF)
4 1/2"	IU	122	4 11/16"	4 25/32"	6 3/4"	NC 46 (4 IF)
4 1/2"	IEU	122	4 11/16"	4 25/32"	6 3/4"	NC 46 (4 IF)
5"	IEU	123	5 1/8"	5 1/4"	7 1/8"	NC 50 (4 1/2 IF)
5 1/2"	IEU	124	5 11/16"	5 13/16"	7 7/8"	5 1/2 FH
5 7/8"	-	587	6"	6 3/32"	7 7/8"	-
6 5/8"	IEU	740	6 15/16"	7 1/32"	8 7/8"	6 5/8 FH

ELEVATOR BORES FOR UPSET TUBING

TUBING SIZE	TYPE	BORE CODE	TOP BORE	BOTTOM BORE
2 3/8"	UPSET	159	2 23/32"	2 23/32"
2 7/8"	UPSET	161	3 7/32"	3 7/32"
3 1/2"	UPSET	163	3 27/32"	3 27/32"
4"	UPSET	165	4 11/32"	4 11/32"
4 1/2"	UPSET	167	4 27/32"	4 27/32"

ELEVATOR BORES FOR PLAIN TUBING

TUBING SIZE	TYPE	BORE CODE	TOP BORE	BOTTOM BORE
2.3/8"	PLAIN	158	2 15/32"	2 15/32"
2 7/8"	PLAIN	160	2 31/32"	2 31/32"
3 1/2"	PLAIN	162	3 19/32"	3 19/32"
4"	PLAIN	164	4 3/32"	4 3/32"
4 1/2"	PLAIN	129	4 19/32"	4 19/32"

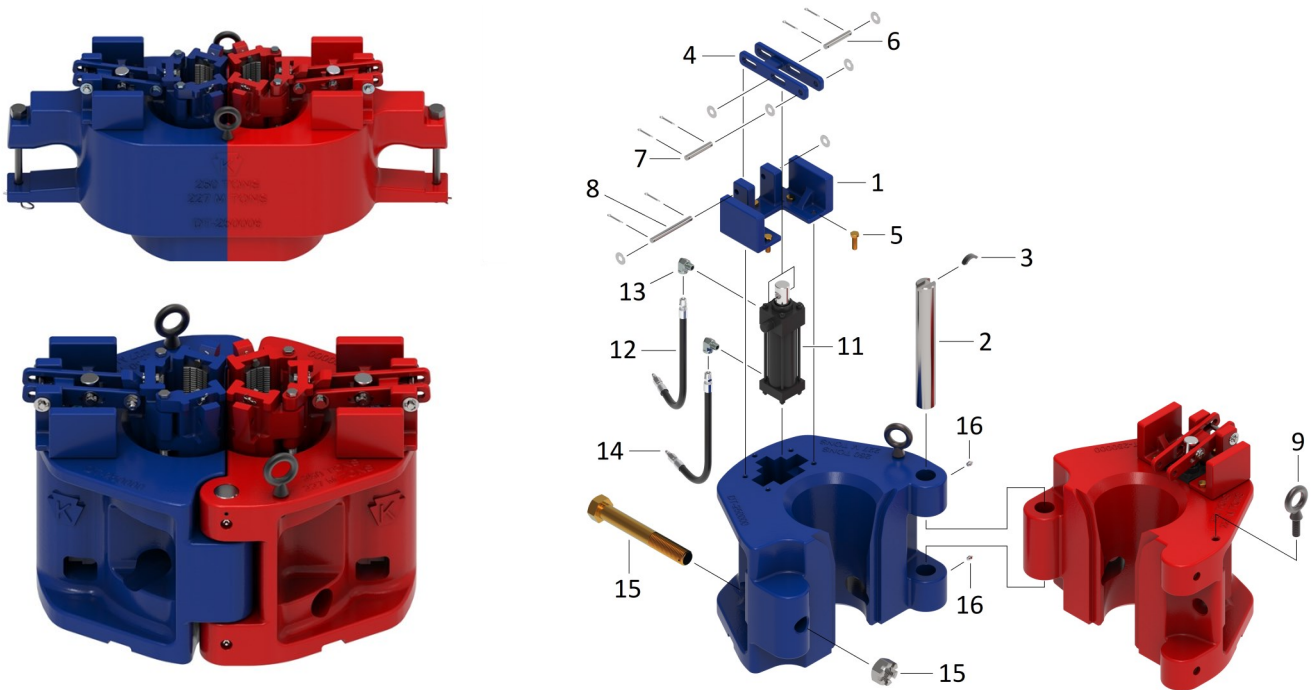
ELEVATOR BORES FOR CASING

CASING SIZE	BORE CODE	TOP BORE	BOTTOM BORE
4 3/4"	130	4 27/32"	4 27/32"
5"	131	5 3/32"	5 3/32"
5 1/2"	132	5 5/8"	5 5/8"
5 3/4"	133	5 7/8"	5 7/8"
6"	134	6 1/8"	6 1/8"
6 5/8"	135	6 3/4"	6 3/4"
7"	136	7 1/8"	7 1/8"
7 5/8"	137	7 3/4"	7 3/4"
8 5/8"	139	8 25/32"	8 25/32"
9"	140	9 5/32"	9 5/32"
9 5/8"	141	9 25/32"	9 25/32"

CASING SIZE	BORE CODE	TOP BORE	BOTTOM BORE
10 3/4"	142	10 29/32"	10 29/32"
11 3/4"	143	11 15/16"	11 15/16"
13 3/8"	144	13 9/16"	13 9/16"
14"	690	14 13/64"	14 13/64"
16"	145	16 7/32"	16 7/32"
18"	723	18 17/64"	18 17/64"
18 5/8"	146	18 7/8"	18 7/8"
20"	147	20 1/4"	20 1/4"
21 1/2"	148	21 25/32"	21 25/32"
22"	688	22 9/32"	22 9/32"
24"	630	24 5/16"	24 5/16"

KET DUAL TOOL ELEVATOR-SPIDER

PART NO.	DESCRIPTION	WEIGHT (LBS.)
DT-250500	KET 250 TON DUAL TOOLS COMPLETE, (INCLUDES, ELEVATOR, SPIDER,	
DT-250000	250 TON DUAL TOOL SPIDER ASSY.	1,390.00
DT-250006	250 TON DUAL TOOL ELEVATOR ASSY.	1,147.00

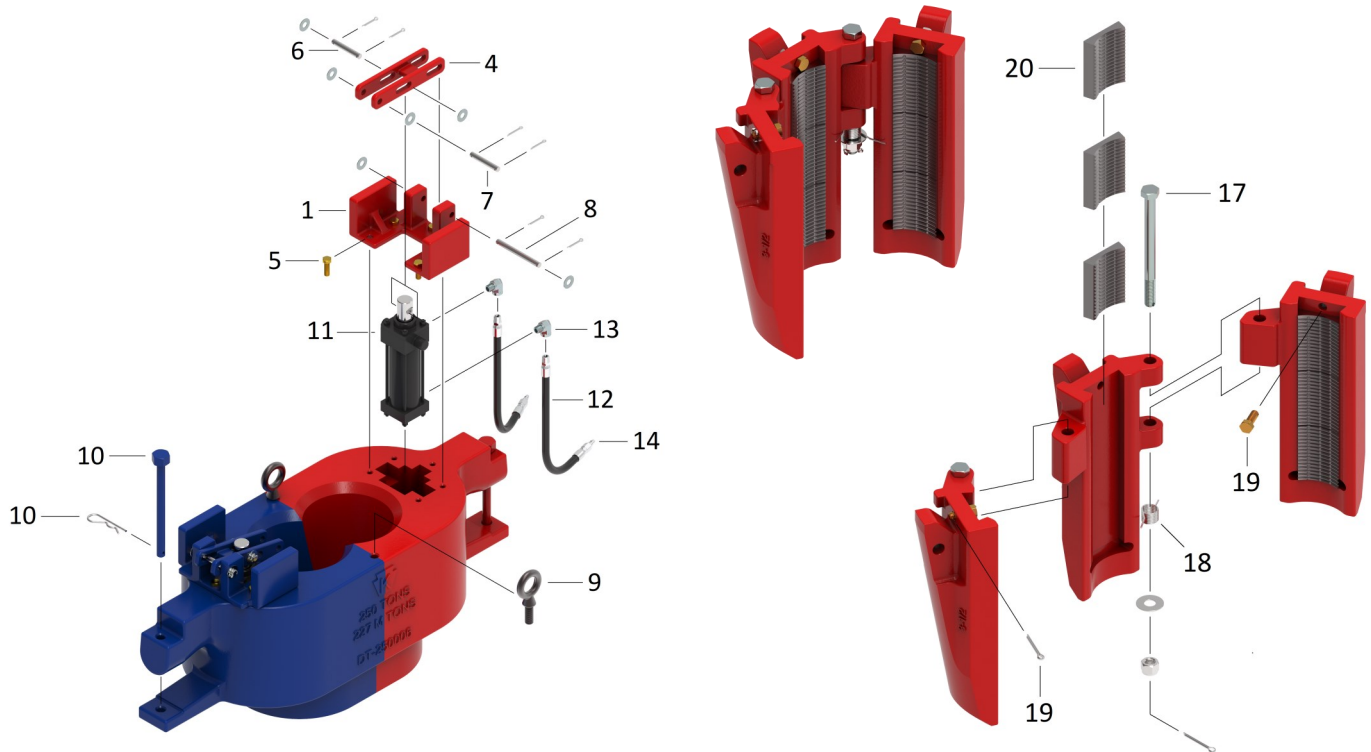


DUAL TOOL REPLACEMENT PARTS

ITEM#	QTY	PART NO.	DESCRIPTION	SPARES	WT.
1	4	DT-250008	STABILIZER BRACKET		20.50
2	1	DT-250009	HINGE PIN FOR SLIP BOWL		10.50
3	1	DT-250009-RT	HINGE PIN RETAINER	2	.10
4	4	DT-250010	SLIP AND CYLINDER LIFTING ARM	2	3.24
5	4	DT-250011	STABILIZER BRACKET BOLT	4	.36
6	4	DT-250012	LIFTING ARM PIVOT PIN, WASHERS, & COTTER	4	.20
7	4	DT-250013	LIFTING ARM TO SLIP PIN, WASHERS, & COTTER	4	.30
8	4	DT-250014	CYLINDER LIFTING PIN, WASHERS, & COTTER	4	.20
9	2	DT-250018	LIFTING EYE BOLT	2	2.020
10	4	DT-250019	BAIL SAFETY BOLT & COTTER	2	1.70
11	2	DT-250025	AIR CYLINDER		27.00
12	4	DT-250026	AIR HOSE ASSEMBLY	2	2.10
13	4	DT-250027	ELBOWS F/AIR CYLINDER HOSES	2	.24
14	4	DT-250028	QUICK DISCONNECT (MALE) F/AIR CYLINDER HOSES	2	.21
15	1	DT-250024	1-1/2 X 12" BOLT AND NUT FOR DUAL TOOL SPIDER		6.891
16	2	940308-1	1/8" NPT GREASE ZERT		.015

KET DUAL TOOL ELEVATOR-SPIDER

PART NO.	DESCRIPTION	WEIGHT (lbs.)
DT-250420	3 1/2" SLIP LESS INSERTS	17.63
DT-250423	4 1/2" SLIP LESS INSERTS	14.20



DUAL TOOL SLIP PARTS

ITEM	QTY	PART NO.	DESCRIPTION	SPARES	WEIGHT(lbs.)
17	8	DT-250015	SLIP BODY HINGE PIN, WASHER, & COTTER	6	.40
18	8	DT-250017	SLIP BODY HINGE SPRING	12	.27
19	12	DT-250022	INSERT RETAINER PIN & COTTER	12	.05
21	2	DT-250020	1.5" SLIP BODY INTERNAL ROLLER GUIDE		10.45
21	2	DT-250022	1.75" SLIP BODY INTERNAL ROLLER GUIDE		14.11

DUAL TOOL INSERTS

ITEM	QTY	PART NO.	DESCRIPTION	SPARES *	WEIGHT (lbs.)
20	9 per slip	DT-6601	3 1/2" x 3 1/2" DUAL TOOL INSERT (REF 6466010)		7.085
20	9 per slip	DT-6602	3 1/2" x 2 7/8" DUAL TOOL INSERT (REF 6466020)		11.735
20	9 per slip	DT-6603	3 1/2" x 2 3/8" DUAL TOOL INSERT (REF 6466030)		15.045
20	9 per slip	DT-6604	3 1/2" x 1.900 (1 1/2) DUAL TOOL INSERT (REF 6466040)		17.690
20	9 per slip	DT-6605	3 1/2" x 1.660 (1 1/4) DUAL TOOL INSERT (REF 6466050)		18.655
20	9 per slip	DT-6608	4 1/2" x 4 1/2" DUAL TOOL INSERT		9.315
20	9 per slip	DT-6610	4 1/2" x 4" DUAL TOOL INSERT		14.050

*Recommended spares include 2 sets of inserts for each size of pipe to be run.

KET DUAL TOOL ELEVATOR-SPIDER

DUAL TOOL CONTROL PANEL PARTS

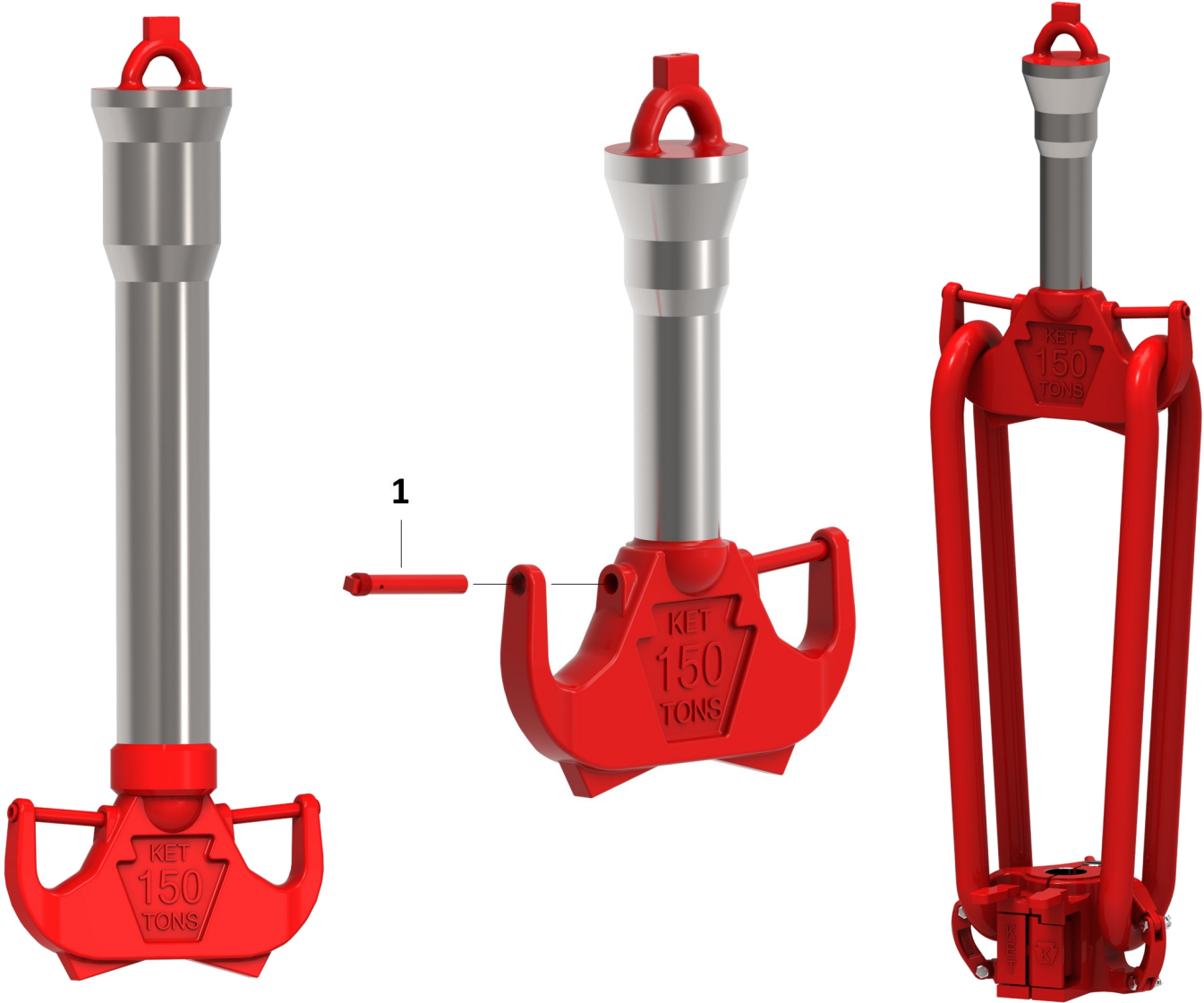
PART NO.	QTY.	DESCRIPTION
DT-250276	4	HAND CONTROL VALVES
DT-250278	14	PTC TUBE X 90 DEG MALE CONNECTOR
DT-250275	1	DUAL TOOL CONTROL CONSOLE
DT-250277	8	MUFFLER WITH FLOW CONTROL
DT-250278	3	PTC TEE
DT-250280	9	PTC BULKHEAD
DT-250281	9	MALE QUICK CONNECT

DUAL TOOL ACCESSORIES

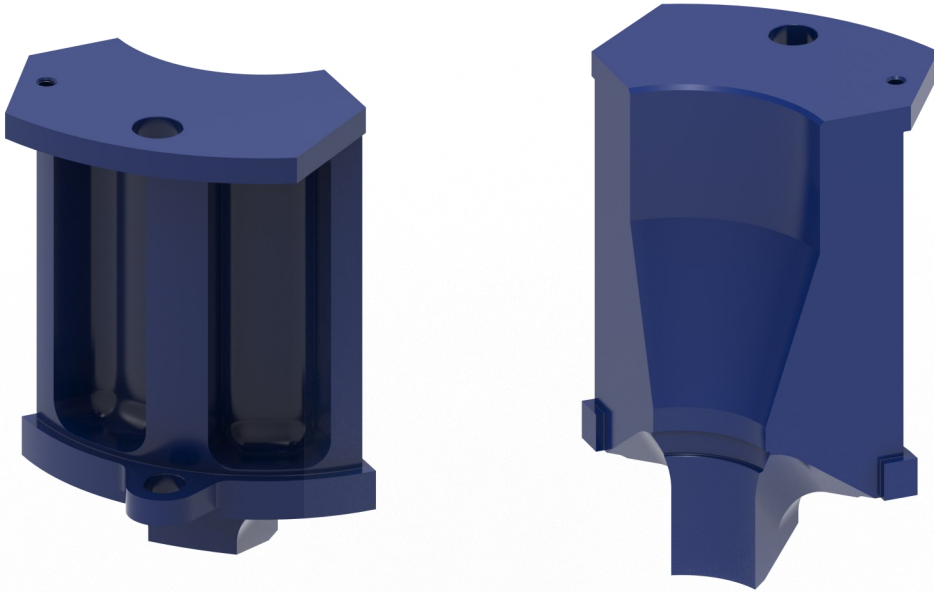
PART NO.	QTY.	DESCRIPTION
DT-250285	1	DUAL TOOL TOOL BOX W/ LID
DT-250260	2	SCAFOLDING
DT-250265	2	PINS FOR SCALFOLDING
DT-250261	1	SPREADER BAR
DT-250262	1	LIFTING SLING
DT-250440	1	4 EACH -130' ELEVATOR UMBILICAL HOES SET
DT-250450	1	4 EACH - 20' SPIDER UMBILICAL HOSE SET

KET BECKETS AND BAILS

ITEM	PART NO.	DESCRIPTION	WEIGHT
	31189-120-124	KET 150 TON "DC" BECKET FOR 120 THRU 124 BORE CODES	176.00
	31189-120-124-XL	KET XL 150 "DC" TON BECKET 120 THRU 124 BORE CODES	371.00
	31189-123-740-XL	KET XL 150 TON "DC" BECKET FOR 123 THRU 740 BORE CODES	425.00
	70508-1036	2" x 36" 100 TON PERFECTION LINK BAILS	125.00
	70508-1042	2" X 42" 100 TON PERFECTION LINK BAILS	150.00
	70508-1542	2-1/2" X 42" 150 TON PERFECTION LINK BAILS	175.00
	70508-1560	2-1/2" X 60" 150 TON PERFECTION LINK BAILS	186.00
1	31189-1	ONE PIECE THREADED LINK RETAINER PIN W/ COTTER F/ BECKET	1.18



KET KBX INSERT BUSHINGS

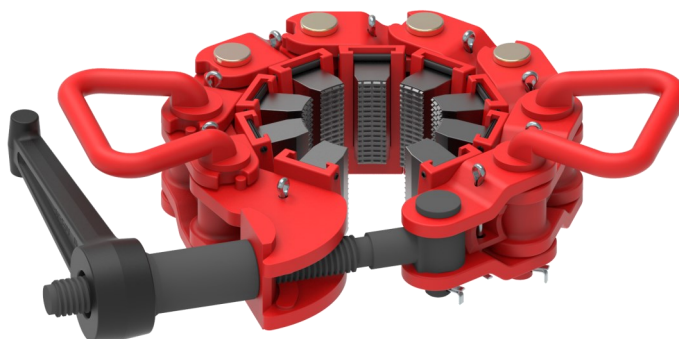


TYPE	PART NO.	DESCRIPTION	RANGE
KBX4	5000676Y***	KBX4 INSERT BUSHING F/ NOV STYLE HYDRAULIC ELEVATOR	4 1/2" - 9 7/8"
KBX5	50004010Y***	KBX5 INSERT BUSHING F/ NOV STYLE HYDRAULIC ELEVATOR	4 1/2" - 9 5/8"
KBX4	50000410-BX4	KBX-4 BUSHING SUPPORT CARRIER	-
KBX5	50000410-BX5	KBX-5 BUSHING SUPPORT CARRIER	-
KBX7	50004010-BX7	KBX-7 BUSHING SUPPORT CARRIER	-

*** IN PLACE FOR THE BORE CODE NEEDED TO BE DETERMINED BY YOUR PIPE SIZE

RMET TYPE "MP" SAFETY CLAMPS

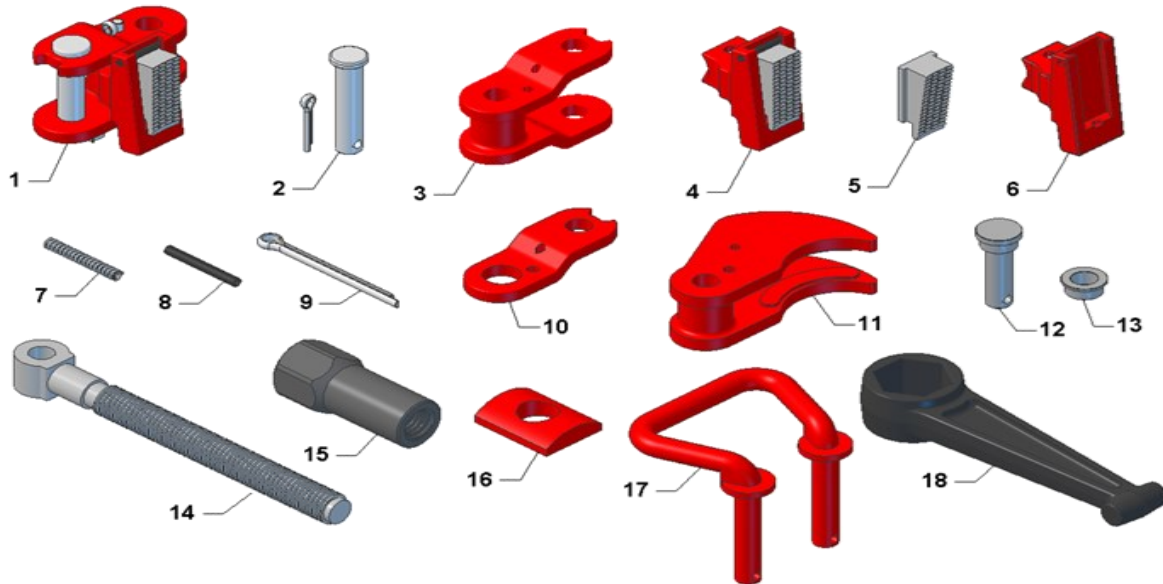
The KRMET Type "MP" Safety Clamp is ideal to help safeguard against dropping strings of flush joint tubing while making up or breaking out the string. The multi-link design provides uniform pressure around the pipe reducing the risk of crushing or damaging the pipe. Each assembly is provided with its own aluminum box as a standard option.



RMET TYPE "MP" SAFETY CLAMP ASSEMBLIES COMPLETE

PART NO.	RANGE	REF#	# LINKS	GRIPPING DIES	WT.
MP-S					
31-009	2 7/8" - 4 1/8"	33030	7	8	128.00
31-010	4" - 5"	33031	8	9	133.00
MP-R					
31-011	4 1/2" - 5 5/8"	33011	7	8	120.00
31-012	5 1/2" - 7"	33012	8	9	130.00
31-013	6 3/4" - 8 1/4"	33013	9	10	138.00
31-014	8" - 9 1/4"	33014	10	11	147.00
31-015	9 1/4" - 10 1/2"	33015	11	12	155.00
MP-M					
31-016	10 1/2" - 11 1/2"	33016	12	13	163.00
31-017	11 1/2" - 12 1/2"	33017	13	14	171.00
31-018	12 1/2" - 13 5/8"	33018	14	15	179.00
31-019	13 5/8" - 14 3/4"	33019	15	16	187.00
31-020	14 3/4" - 15 7/8"	31020	16	17	195.00
MP-L					
31-021	15 7/8" - 17"	33021	17	18	215.00
31-022	17" - 18 1/2"	33022	18	19	223.00
31-023	18 1/8" - 19 3/8"	33023	19	20	231.00
MP-XL					
31-024	19 3/8" - 20 3/8"	33024	19	20	280.00
31-025	20 3/8" - 21 1/2"	33025	20	21	288.00
31-032	21" - 22 5/8"	33032	21	22	296.00
31-033	22 5/8" - 23 3/4"	33033	22	23	304.00
31-034	23 3/4" - 24 7/8"	33034	23	24	312.00
31-035	24 7/8" - 26"	33035	24	25	320.00
31-036	26" - 27 1/8"	33036	25	26	328.00
31-039	29 3/8" - 30 1/2"	33039	28	29	336.00

RMET TYPE "MP" SAFETY CLAMPS



REPLACEMENT PARTS FOR RMET "MP" TYPE SAFETY CLAMPS

PART NO.	ITEM#	DESCRIPTION	CLAMP TYPE	REF.#	QTY.	WT.
31-335	1	LINK COMPLETE	MP-S ONLY	3335	AR	9.00
31-319	1	LINK COMPLETE	ALL EXCEPT MP-S	3319	AR	8.75
31-307	2	PIN, FOR LINK (w/COTTER)	ALL	3307	AR	.75
31-306	3	LINK (W/COTTER)	ALL	3306	AR	4.50
31-325	4	CARRIER ASSY. (w/DIE)	MP-S ONLY	3325	AR	3.00
31-324	4	CARRIER ASSY. (w/DIE)	ALL EXCEPT MP-S	3324	AR	2.50
31-333	5	DIE (w/COTTER)	MP-S ONLY	3333	AR	1.50
31-310	5	DIE (w/COTTER)	ALL EXCEPT MP-S	3310	AR	1.00
31-309	6	CARRIER (LESS DIE)	ALL	3309	AR	2.50
31-311	7	SPRING	ALL	3311	AR	.10
31-418	8	ROLL PIN (DIE KEEPER)	ALL	51604-18	AR	.10
31-528	9	COTTER PIN (f/CARRIER)	ALL	51405-28	AR	.18
31-318	10	SIDE BAR LINKS (PAIR)	ALL	3318	AR	2.50
31-304	11	LATCH LINK	ALL EXCEPT MP-XL	3304	1	7.00
31-321	11	LATCH LINK	MP-XL ONLY	3321	1	14.00
31-308	12	PIN FOR SCREW, (w/COTTER)	ALL	3308	1	.50
31-315	13	BUSHING F/SCREW PIN	ALL	3315	1	.33
31-510		COTTER F/LINK PIN	ALL	51405-10	AR	.08
31-302	14	SCREW	ALL	3302	1	5.25
31-303	15	NUT F/ SCREW	ALL	2714	1	1.00
31-714	16	THRUST WASHER	ALL	3303	1	3.50
31-305	17	HANDLE	MP-S,MP-R, & MP-M	3305	2	4.50
31-305	17	HANDLE	MP-L & MP-XL	3305	4	4.50
31-316	N/P	HOLD DOWN LUG	ALL	3316	OPT.	5.75
31-317	N/P	LIFTING EYE	ALL	3317	OPT.	4.75
31-320	18	NUT WRENCH	ALL	3320	1	5.00

Quality Delivered.

RMET TYPE "MP" SAFETY CLAMPS

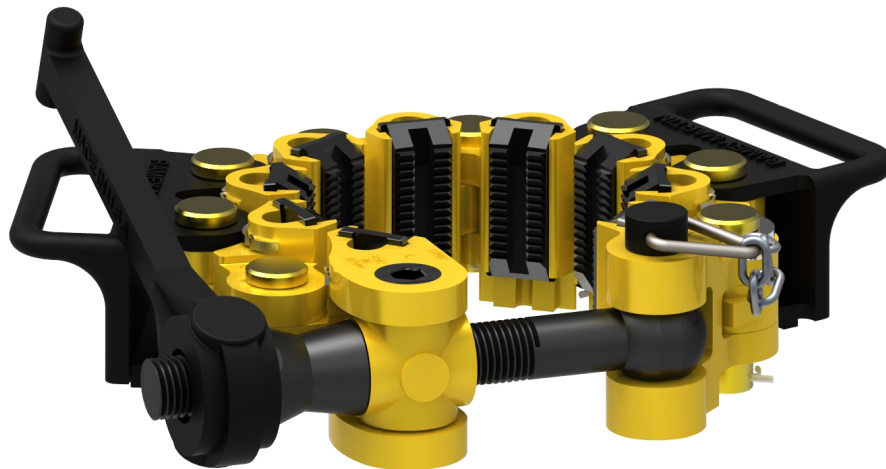
RECOMMENDED SPARE PARTS FOR 1 YEAR FOR "MP" TYPE CLAMPS

PART NO.	DESCRIPTION	MP -S	MP -R	MP -M	MP -L	MP -XL
31-333	DIE W/COTTER	4				
31-310	DIE W/COTTER		6	8	10	13
31-311	SPRING	9	12	17	20	26
31-528	PIN W/COTTER	4	6	8	10	13
31-418	ROLL PIN	9	12	17	20	26

RMET TYPE "C" SAFETY CLAMP

The RMET Type "C" Safety Clamp is one of the most valuable tools on the Rig Floor. It helps guard against dropping flush-joint pipe, streamlined drill collars, etc. into the hole while making-up or breaking-out the string. Literally, it has dozens of money and time-saving applications in oilfield work, in addition to giving increased protection against fishing jobs.

The Safety Clamp consists of individual links, flexibly hinged together. Each link has a separate tapered slip which acts as a gripping member, much like a tapered rotary slip, and each slip is held in a retracted position on the taper by spring tension. When the clamp is tightened, each small slip takes a firm initial grip on the surface of the pipe. Should the pipe start to fall, or should load increase occur against the slips, the taper mounting causes each slip to wedge tighter against the surface of the pipe to increase the grip or lock the pipe against further movement.



CLAMPS WITH HANDLES & WRENCH TYPE "CR" (SINGLE SCREW)

PART NO.	RANGE O.D. SIZE	REFERENCE	LINKS REQUIRED	WT.
12-127	3 3/4" - 4 5/8"	7624-5007	7	46.00
12-128	4 1/2" - 5 5/8"	7624-5008	8	55.00
12-129	5 1/2" - 6 5/8"	7624-5009	9	60.00
12-130	6 1/2" - 7 5/8"	7624-5010	10	64.00
12-131	7 1/2" - 8 5/8"	7624-5011	11	69.00
12-132	8 1/2" - 9 5/8"	7624-5012	12	73.00
12-133	9 1/2" - 10 5/8"	7624-5013	13	78.00

TYPE "CL" (SINGLE SCREW)

PART NO.	RANGE O.D. SIZE	LINKS REQUIRED	WT.
12-134	10 1/2" - 11 5/8"	14	72.00
12-135	11 1/2" - 12 5/8"	15	77.00
12-136	12 1/2" - 13 5/8"	16	82.00
12-137	13 1/2" - 14 5/8"	17	87.00
12-138	14 1/2" - 15 5/8"	18	92.00

RMET TYPE "C" SAFETY CLAMP

TYPE "CXL" (DOUBLE SCREW)

PART NO.	RANGE O.D. SIZE	LINKS REQUIRED	WT.
12-145	15 1/2" - 17"	18	114.00
12-146	16 1/2" - 18"	19	119.00
12-147	17 1/2" - 19"	20	124.00
12-148	18 1/2" - 20"	21	129.00

CLAMPS WITH LIFTING CLEVIS- TYPE "CL" (SINGLE SCREW)

PART NO.	RANGE O.D. SIZE	LINKS REQUIRED	WT.
12-150	10 1/2" - 11 5/8"	14	83.00
12-151	11 1/2" - 12 5/8"	15	88.00
12-152	12 1/2" - 13 5/8"	16	93.00
12-153	13 1/2" - 14 5/8"	17	98.00
12-154	14 1/2" - 15 5/8"	18	102.00

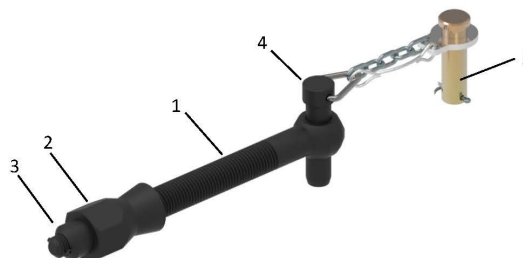
CLAMPS WITH LIFTING CLEVIS- TYPE "C X L" (DOUBLE SCREW)

PART NO.	RANGE O.D. SIZE	LINKS REQUIRED	WT.
12-155	15 1/2" - 17"	18	117.00
12-156	16 1/2" - 18"	19	121.00
12-157	17 1/2" - 19"	20	126.00
12-158	18 1/2" - 20"	21	131.00
12-159	19 1/2" - 21"	22	133.00
12-160	21 1/8" - 23"	24	136.00
12-161	24 1/8" - 26"	27	140.00
12-162	29 1/2" - 31"	32	152.00
12-163	35 1/2" - 37"	38	164.00
12-164	41 1/2" - 47"	44	181.00

ADD -"B" TO END OF PART # TO INCLUDE BOX

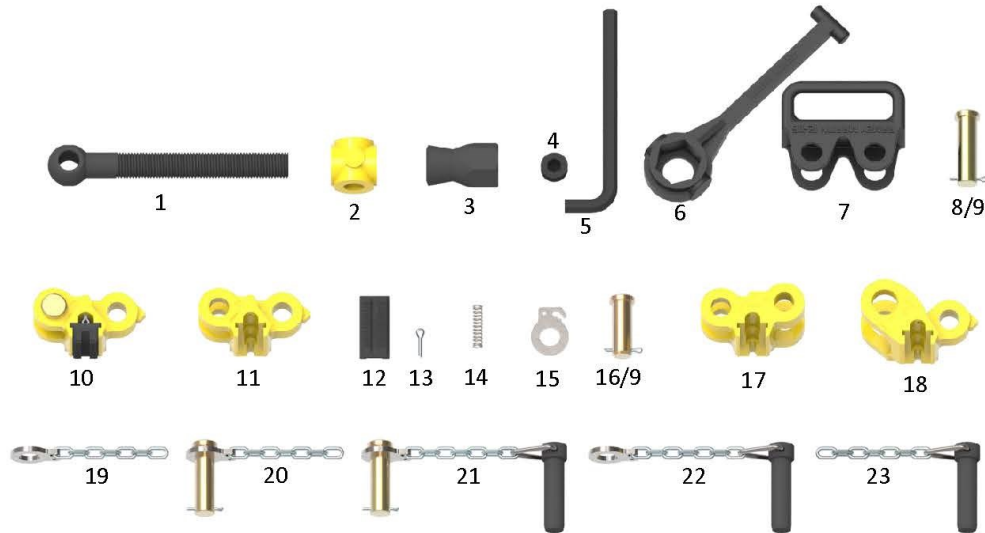
SAFETY CLAMP CONVERSION KIT

The RMET Clamp Conversion Kit A is designed to allow the end link pin to be removed from the screw to open the clamp. A special lock bushing and retainer added to the screw is designed to prevent the nut from backing off. The end link pin also includes a double lanyard for added support.



PART NO.	ITEM	DESCRIPTION	WT.
12-100-A		SAFETY CLAMP CONVERSION KIT A	8.80
11-111-S	1	SAFETY CLAMP SCREW, SPECIAL	4.50
11-112	2	NUT FOR T & C SAFETY CLAMP	1.75
11-111-LB	3	SAFETY CLAMP SCREW LOCK BUSHING	.30
11-110-SD	4	END LINK PIN W/ CHAIN, CABLE, AND RETAINER	1.40
11-117	5	HANDLE PIN WITH COTTER	.85

RMET TYPE "C" SAFETY CLAMP



REPLACEMENT PARTS FOR TYPE "C" SAFETY CLAMPS

PART NO.	ITEM	DESCRIPTION	REF#	*SPARES	WT.
11-111	1	SCREW	7624-A-5	1	4.00
11-113	2	PIVOT BLOCK	7624-A-5000	1	1.50
11-112	3	NUT	7624-B-5	1	1.50
11-114	4	PIVOT BLOCK PIN	7624-D-5	2	.25
11-119	5	PIVOT BLOCK PIN WRENCH	900533-12		.25
11-115	6	NUT WRENCH	7624-A-25	1	3.50
12-116	7	HANDLE		1 SET	3.00
11-117	8	HANDLE LINK PIN w/COTTER	7624-G-5	AS REQ'D	.75
11-107	9	COTTER f/ LINK PIN	900620-36		.01
12-101	10	LINK ASSY. COMPLETE	7624-A-7		5.00
12-102	11	LINK INTERMEDIATE	7624-A-1	1 SET	3.75
12-103	12	INSERT	7624-A-4	1 SET	.60
12-104	13	COTTER f/ INSERT	900620-36		.01
12-105	14	SPRING f/ INSERT	7624-E-5	1 SET	.01
11-110-R	15	END LINK PIN RETAINER		1	.18
11-106	16	LINK PIN w/ COTTER	7624-C-5	1 SET	.70
12-108	17	END LINK (SCREW)	7624-A-3	1	4.50
12-109	18	END LINK (PIVOT BLOCK)	7624-A-24	1	3.50
11-110-RA	19	END LINK RETAINER WITH CHAIN			.30
11-110-2	20	END LINK PIN RETAINER W/ CHAIN AND HANDLE PIN			1.14
11-110-1	21	END LINK PIN W/ CHAIN & RETAINER ASSEMBLY		1	2.24
11-110-S	22	END LINK PIN W/ CHAIN & RETAINER	7624-F-5		1.40
11-110-4	N/P	END LINK PIN W/ CABLE AND RETAINER			1.30
11-110	23	END LINK PIN WITH CHAIN			1.22
11-110-3	N/P	END LINK PIN WITH CABLE			1.12
11-120	N/P	SAFETY CLAMP BOX			20.00
12-119	N/P	LIFTING CLEVIS COMPLETE			11.50
12-120	N/P	LIFTING CLEVIS ONLY			9.00
12-121	N/P	BOLTS W/NUTS AND COTTERS			2.50

ALL PARTS ARE INTERCHANGEABLE WITH CORRESPONDING DESIGN TYPE "C" SAFETY CLAMPS

* RECOMMENDED SPARE PARTS FOR 1 YEARS SERVICE

www.krmsupply.com

INTENTIONALLY LEFT BLANK

Quality Delivered.

RMET TYPE "T" SAFETY CLAMP

The RMET Type "T" Safety Clamp is designed for small diameter pipe 1 1/8" - 4 1/2" O.D. Each link changes the effective working range approximately 1" in diameter. For sizes larger than 4 1/2" O.D., the Type "C" Safety Clamp should be used.

The same positive automatic gripping principle is used as in the Type "C" Safety Clamp. It is ideal to help safeguard against dropping strings of flush joint tubing, to provide a shoulder to position strings of flush line pipe for welding, and many other Applications.



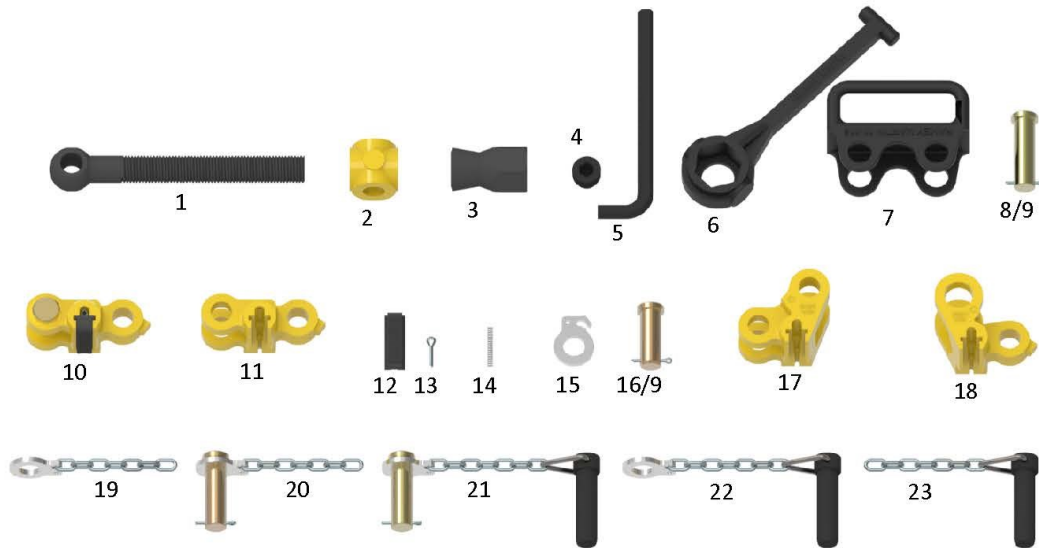
SAFETY CLAMP ASSEMBLIES COMPLETE - TYPE "T"

PART NO.	RANGE O.D. SIZE	REFERENCE	LINKS REQUIRED	WT.
11-125	1 1/8" - 2"	7624-5103	4	35
11-126	2 1/8" - 3 1/4"	7624-5104	5	39
11-127	3 1/2" - 4 1/2"	7624-5105	6	43

ADD -"B" TO END OF PART NO. TO INCLUDE BOX

ALL CLAMPS COME COMPLETE WITH WRENCH.
BOX SOLD SEPERATELY

RMET TYPE "T" REPLACEMENT PARTS



REPLACEMENT PARTS FOR TYPE "T" SAFETY CLAMP

PART NO.	ITEM	DESCRIPTION	REFERENCE#	*SPARES	WT.
11-111	1	SCREW	7624-A-5	1	4.00
11-113	2	PIVOT BLOCK	7624-A-5000	1	1.50
11-112	3	NUT	7624-B-5	1	1.50
11-114	4	PIVOT BLOCK PIN	7624-D-5	2	.25
11-119	5	PIVOT BLOCK PIN WRENCH	900533-12		.25
11-115	6	NUT WRENCH	7624-A-25	1	3.50
11-116	7	HANDLE	7624-A-22	1 SET	3.00
11-117	8	HANDLE LINK PIN w/COTTER	7624-G-5	AS REQ'D	.75
11-107	9	COTTER f/ LINK PIN	900620-36		.01
11-101	10	LINK ASSY. COMPLETE	7624-B-7		5.00
11-102	11	LINK INTERMEDIATE	7624-A-18	1 SET	3.75
11-103	12	INSERT	7624-A-21	1 SET	.60
11-104	13	COTTER f/ INSERT	900620-52		.01
11-105	14	SPRING f/ INSERT	7624-B-21	1 SET	.01
11-110-R	15	END LINK PIN RETAINER		1	.18
11-106	16	LINK PIN w/ COTTER	7624-C-5	1 SET	.70
11-108	17	END LINK (SCREW)	7624-A-20	1	4.50
11-109	18	END LINK (PIVOT BLOCK)	7624-A-19	1	3.50
11-110-RA	19	END LINK RETAINER WITH CHAIN			.30
11-110-2	20	END LINK PIN RETAINER W/ CHAIN AND HANDLE PIN			1.14
11-110-1	21	END LINK PIN W/ CHAIN & RETAINER ASSEMBLY		1	2.24
11-110-S	22	END LINK PIN W/ CHAIN & RETAINER	7624-F-5		1.40
11-110-4	N/P	END LINK PIN W/ CABLE AND RETAINER			1.30
11-110	23	END LINK PIN WITH CHAIN			1.22
11-110-3	N/P	END LINK PIN WITH CABLE			1.12
11-120	N/P	SAFETY CLAMP BOX	7624-A-9		20.00

ALL PARTS ARE INTERCHANGEABLE WITH BAASH-ROSS® TYPE "T" SAFETY CLAMPS

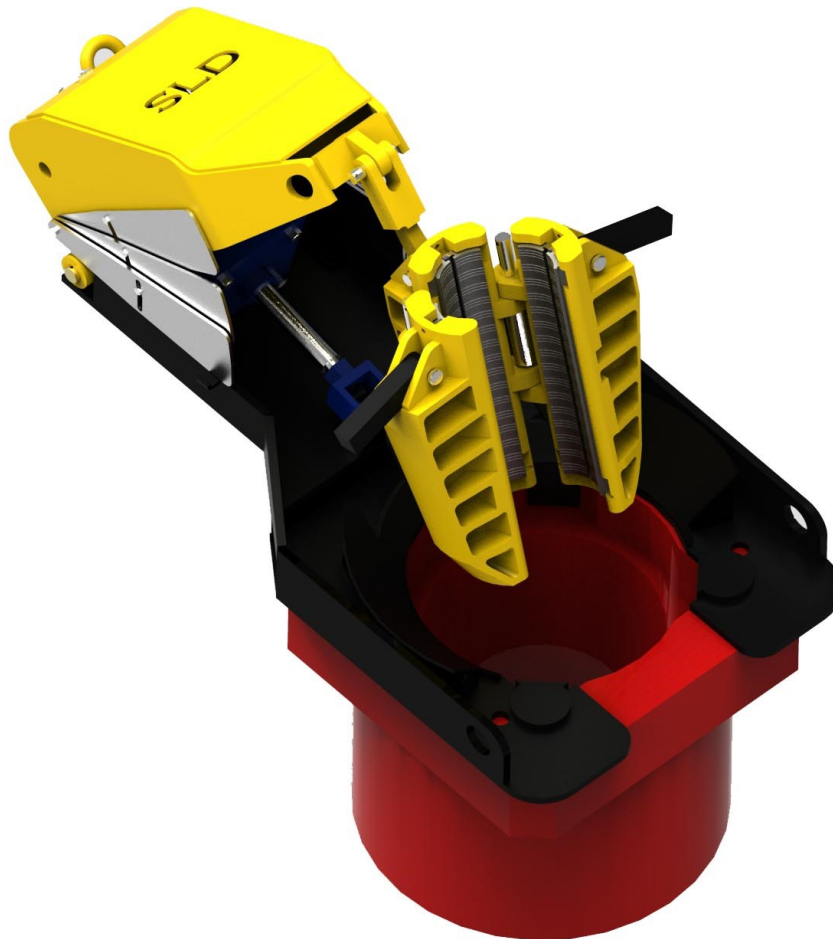
** RECOMMENDED SPARE PARTS FOR 1 YEARS SERVICE

RMET SLIP LIFTING DEVICE (“SLD”)

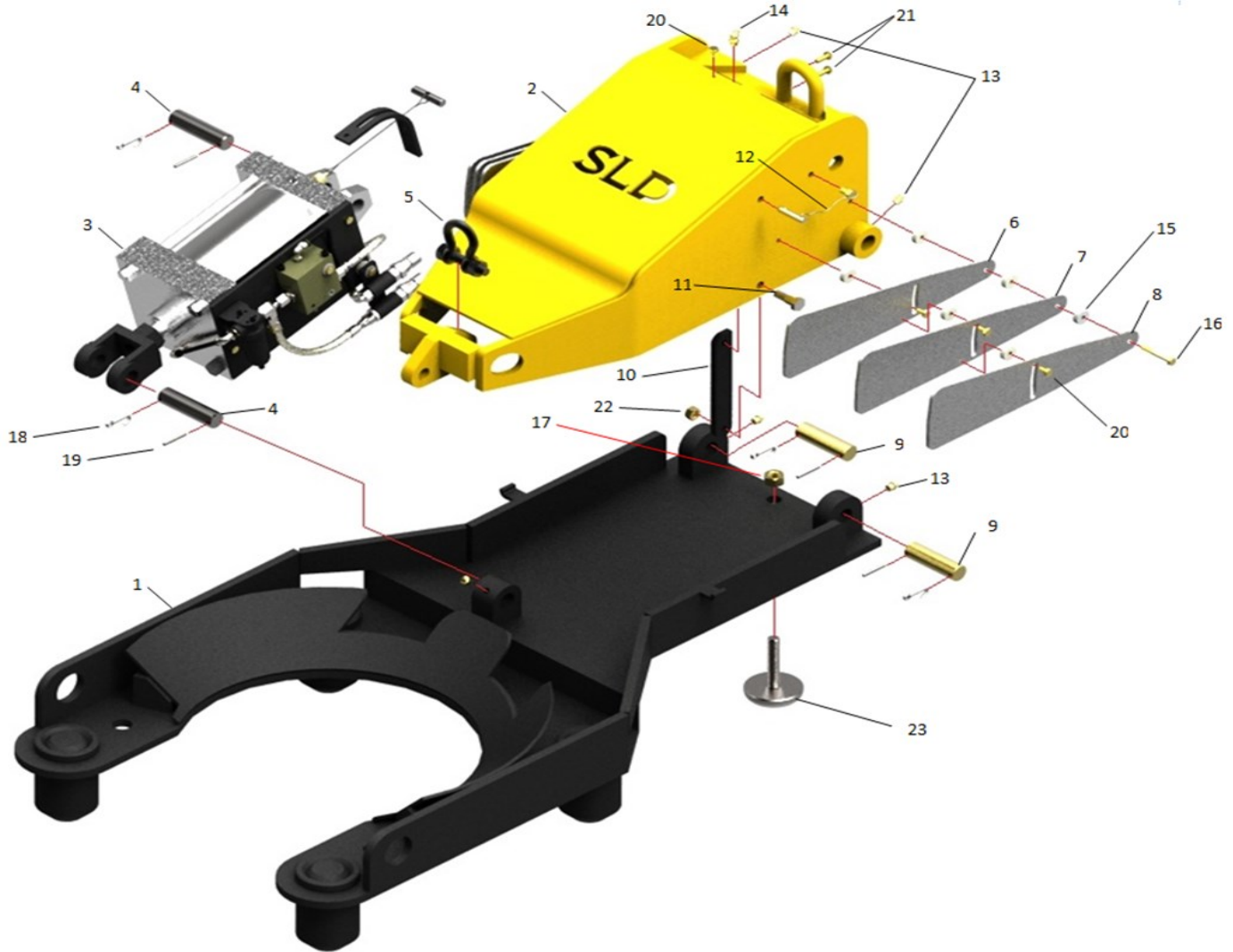
RMET slip lifting device comes in pneumatic configuration. It is designed to be used while tripping in or out of the hole to help reduce fatigue and prevent injuries.

- ▶ Available for pin-drive or square-drive master bushings
- ▶ Can be used with conventional rotary, drill collar, or casing slips

PART NO.	DESCRIPTION	WT. SLD ONLY W/O SLIP
26-100-PD	KET “SLD AIR ACTUATOR – PIN DRIVE	295
26-100-SD	KET “SLD AIR ACTUATOR – SQUARE DRIVE	270
26-800-PD	KET “SLD” HYDRAULIC OPERATED—PIN DRIVE	265
26-800-SD	KET “SLD” HYDRAULIC OPERATED—SQUARE DRIVE	240
26-220	KET “SLD” AIR OPERATED F/ XP-1000	535



RMET AIR-SLIP LIFTING DEVICE ("SLD")

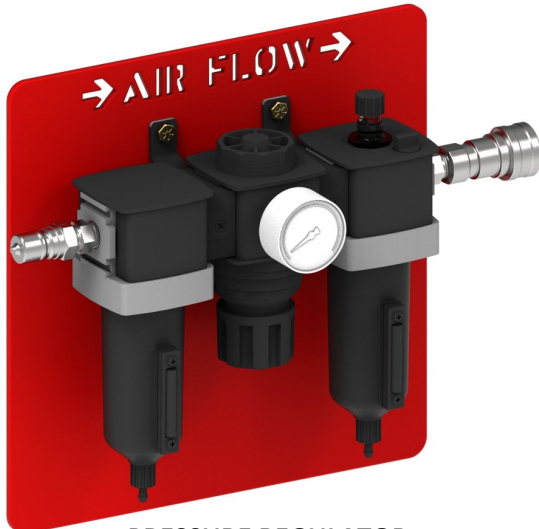


AIR OPERATED SPECIFICATIONS

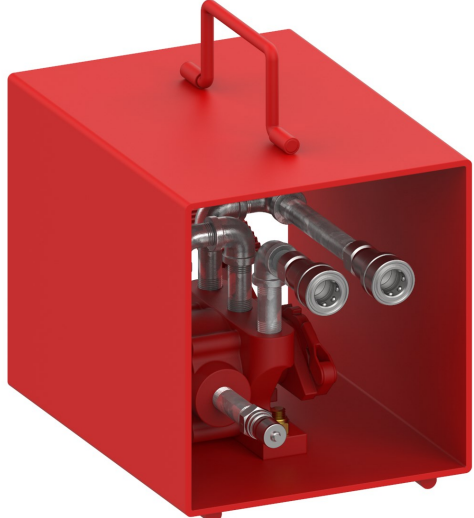
PROPERTY	DESCRIPTION
MATERIAL	MILD STEEL WITH POWDER COAT FINISH
WEIGHT	260 LBS. (118KG) "SLD" ONLY W/O SLIP 525 LBS. (238 KG) WITH STORAGE STAND, CONTROL VALVE, AIR SUPPLY PLATE, AND HOSES
HEIGHT	RAISED 23.5" (597mm) - LOWERED (13.5" (343mm))
BASE DIMENSIONS	23.5" X 43.5" (600mm X 1105mm)
BASE OPENING	12.75" (327mm)
MINIMUM OPERATING PRESSURE	85 PSI

RMET AIR-SLIP LIFTING DEVICE ("SLD")

PRESSURE REGULATOR		
PART NO.	DESCRIPTION	QTY
34-127	PRESSURE REGULATOR, LUBRICATOR, & FILTER COMPLETE W/PANEL	1
34-129	FOOT OPERATED AIR CONTROL VALVE ASSEMBLY WITH BOX	1
26-540-10	10' AIR HOSE	1
26-540-15	15' AIR HOSE	1
26-540-25	25' AIR HOSE	2



PRESSURE REGULATOR



AIR CONTROL VALVE

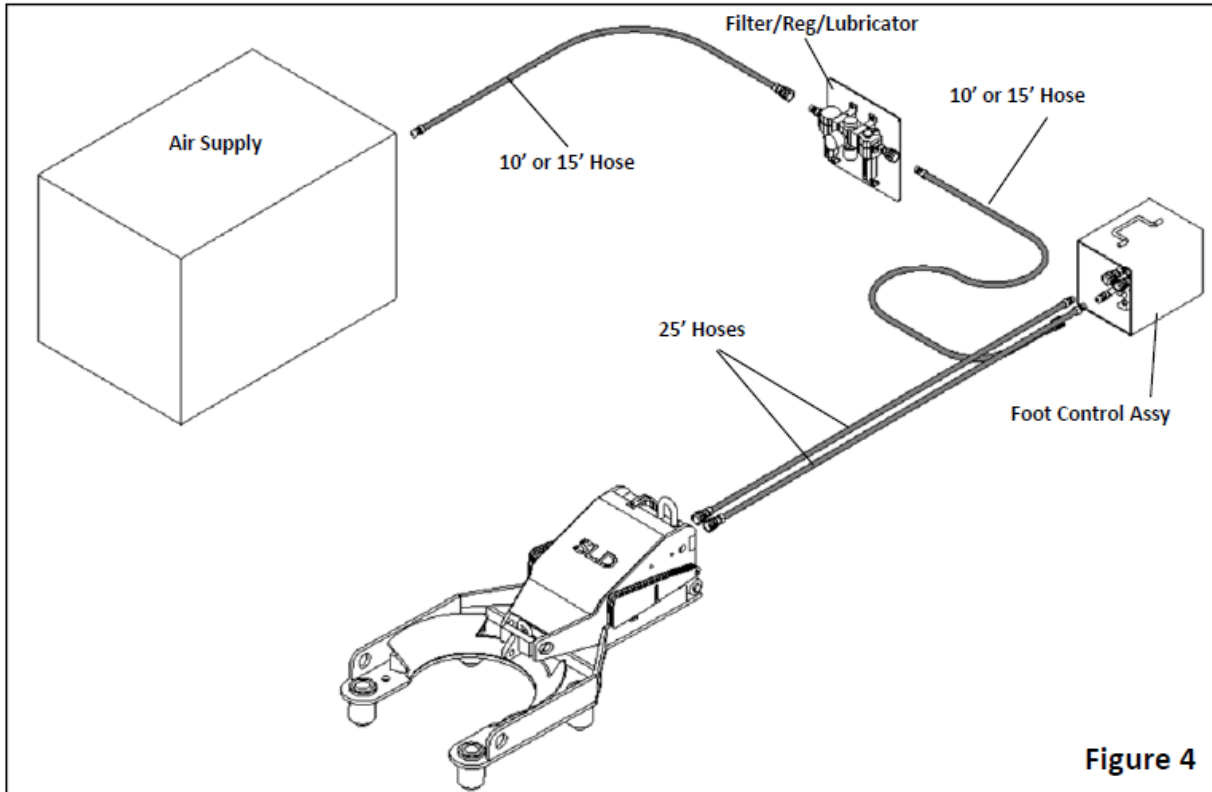


Figure 4

RMET SLIP LIFTING DEVICE ("SLD")

SLD PARTS LIST

PART NO.	ITEM#	DESCRIPTION	QTY
26-145-PD	1	BASE PLATE FOR AIR OPERATED PIN DRIVE "SLD"	1
26-145-SD	1	BASE PLATE FOR AIR OPERATED SQUARE DRIVE "SLD"	1
26-165	2	LIFT ARM FOR AIR OPERATED "SLD"	1
26-115	3	CYLINDER ASSEMBLY FOR AIR OPERATED "SLD"	1
26-515-P	4	CYLINDER PIN FOR AIR OPERATED "SLD"	2
ZSHK-08-07	5	SHACKLE	1
26-165-S-I	6	INNER SIDE SHIELD FOR AIR OPERATED "SLD"	2
26-165-S-C	7	CENTER SIDE SHIELD FOR AIR OPERATED "SLD"	2
26-165-S-O	8	OUTER SIDE SHIELD FOR AIR OPERATED "SLD"	2
11-117	9	LIFT ARM PIN	2
26-165-K	10	KICKSTAND FOR AIR OPERATED "SLD"	1
26-167	11	KICKSTAND BOLT FOR AIR OPERATED "SLD"	1
26-165-M	12	KICKSTAND LOCK PIN WITH CABLE AND TIE DOWN BOLT	1
ZF-GZN-02-1	13	1/8" NPT GREASE ZERT, STRAIGHT	5
ZF-GZN-02-2	14	1/8" NPT GREASE ZERT, 45 DEG.	1
26-829-NW-1	15	NYLON WASHER	12
	16	1/4" X 2" GRADE 8 HEX HD CAP SCREW, ZINC	1
	17	5/8" GRADE 8 HEX NUT, ZINC	1
	18	3/16" X 1 1/2" COTTER PIN	4
	19	3/16" X 1 ROLL PIN	4
	20	1/4" X 1/2" GRADE 8 HEX HD CAP SCREW, ZINC	7
	21	1/4" X 3/8" GRADE 8 HEX HD CAP SCREW, ZINC	2
	22	5/8" GRADE 8 HEX NUT, ZINC	1
26-641-1	23	SUPPORT PAD ONLY FOR "SLD"	1

DU SLIP ADAPTER KIT

	4 1/2" DU (26-507-B)	5 1/2" DU(26-507-J)	5 1/2" SDU(26-507-D)	7" SDU & LD(26-507-E)	QTY REQ'D
LIFTING LINK	26-510-B	26-510-K	26-510-C	26-510-B	1
TORQUE BLOCK (L)	26-511-C	26-511-D-L	26-511-A-L	26-511-B	1
TORQUE BLOCK (R)	26-511-C	26-511-D-R	26-511-A-R	26-511-B	1
HINGE PIN	26-505	26-505-B	26-505-B	26-505-B	2
SPRING	26-518	26-518	26-518	26-518	2
HANDLE PINS	03-107	03-107	03-107	03-107	4

SD SLIP ADAPTER KIT

	ALL SDXL(26-507-A)	4 1/2" SDML(26-507-)	5" SDML(26-507-H)	QTY REQ'D
LIFTING LINK	26-510-A	26-510-J	26-510-G	1
TORQUE BLOCK	26-513-B	26-513-G	26-513-E	1
TORQUE BLOCK	26-513-B	26-513-G	26-513-E	1
HINGE PIN	26-505-A	26-505-A	26-505-A	2
SPRING	26-518	26-518-REG	26-518-REG	2
HANDLE PINS	03-107	03-107	*03-107	4

Quality Delivered.

RMET AIR-SLIP LIFTING DEVICE (“SLD”) FOR XP-1000



HYDRAULIC OPERATED SPECIFICATIONS

PROPERTY	DESCRIPTION
MATERIAL	MILD STEEL WITH POWDER COAT FINISH
WEIGHT	715 LBS. (238 KG) WITH STORAGE STAND, CONTROL VALVE, AIR SUPPLY PLATE, AND HOSES
HEIGHT	RAISED 25" (635mm) - LOWERED 14.750" (375mm)
BASE DIMENSIONS	33" X 50.5" (838mm X 1283mm)
BASE OPENING	18" (457mm)
MINIMUM OPERATING PRESSURE	90PSI

RMET HYDRAULIC-SLIP LIFTING DEVICE

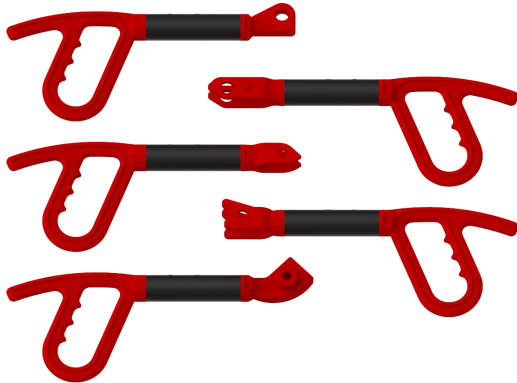


HYDRAULIC OPERATED SPECIFICATIONS	
PROPERTY	DESCRIPTION
MATERIAL	MILD STEEL WITH POWDER COAT FINISH
WEIGHT	260 LBS. (118KG) "SLD" ONLY W/O SLIP 435 LBS. (238 KG) WITH STORAGE STAND, CONTROL VALVE, AIR SUPPLY PLATE, AND HOSES
HEIGHT	RAISED 23.5" (597mm) - LOWERED 11.5" (343mm)
BASE DIMENSIONS	23.375" X 43.5" (594MM X 1105MM)
BASE OPENING	13" (330mm), SQUARE 8.313" (211mm)
MINIMUM OPERATING PRESSURE	2500 PSI

RMET SLIP SAFETY FLEX HANDLES

Ramey Martin Slip Safety Flex Handles incorporate investment cast slip connectors and handles with thumb guards. They are joined together with high strength chain which is then covered with polyurethane for extended life, capable of being rebuilt over and over, load tested to over 12,000 lbs.

- ▶ Eliminates cuts from frayed cables
- ▶ Reduces back injuries
- ▶ Improves ergonomics



- DU Flex Handle
- SD, DC, and CMSXL Flex Handle
- C-1 and Wooley A Flex Handle
- UC Flex Handle
- Wooley B Flex Handle

SLIP SAFETY FLEX HANDLES

PART NO.	DESCRIPTION	WEIGHT (LBS.)
03-300-F	SAFETY FLEX HANDLE FOR ALL "DU" ROTARY SLIPS	5.00
23-112	SAFETY FLEX HANDLE FOR VARCO	4.00
08-136	SAFETY FLEX HANDLE FOR ALL C-1 AND WOOLEY A DRILL COLLAR SLIPS	5.00
7704-A-17-F	SAFETY FLEX HANDLE FOR UC-3 SLIP	4.00
19-104-F	SAFETY FLEX HANDLE FOR TYPE "B" ROTARY SLIP	5.35



KET SLIP SAFETY FLEX HANDLES

Keystone Slip Safety Flex Handles incorporate investment cast slip connectors and handles with thumb guards. They are joined together with high strength chain which is then covered with rubber to prevent corrosion. KET Slip Handles were load tested to over 8,000 lbs. All handles are proof load tested to 1,000 lbs. prior to shipment.

- ▶ Eliminates cuts from frayed cables
- ▶ Reduces back injuries
- ▶ Improves ergonomics



C-1 and Woolley A Flex Handle

DU Flex Handle

UC Flex Handle

SD, DC, and CMSXL Flex Handle

Woolley B Flex Handle

SLIP SAFETY FLEX HANDLES

PART NO.	DESCRIPTION	WEIGHT (LBS.)
102300	C-1 & WOOLLEY A EXTREME SERVICE SAFETY FLEX HANDLE W/THUMB GUARD	5
102200-F	DU FRONT EXTREME SERVICE SAFETY FLEX HANDLE W/THUMB GUARD	5.41
102200-R	DU REAR EXTREME SERVICE SAFETY FLEX HANDLE W/THUMB GUARD	5.31
102350	UC EXTREME SERVICE SAFETY FLEX HANDLE W/ THUMB GAURD	5.47
102100	SD, DC, & CMSXL EXTREME SERVICE SAFETY FLEX HANDLE W/THUMB GUARD	5.52
102050	WOOLLEY B EXTREME SERVICE SAFETY FLEX HANDLE W/ THUMB GAURD	5.99

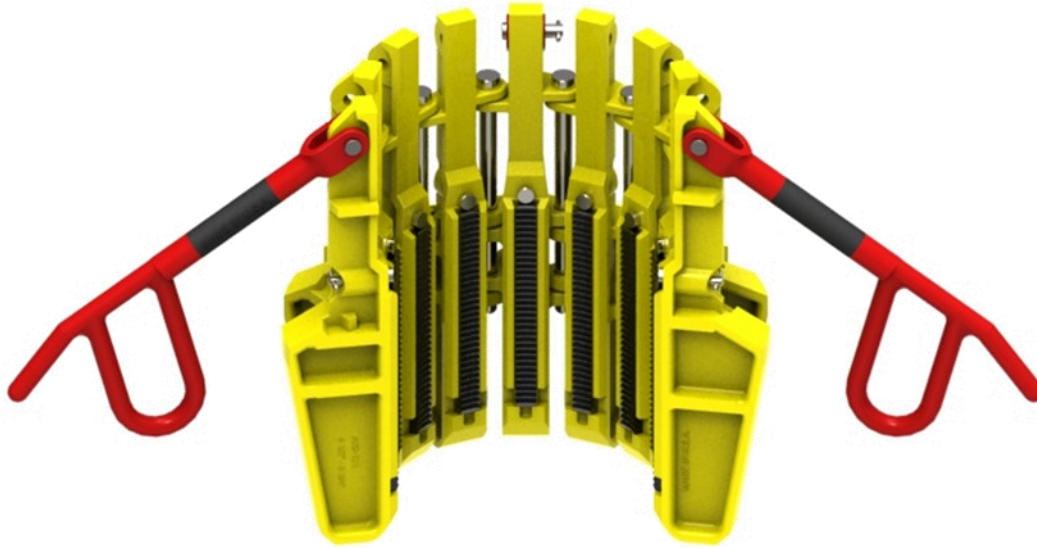


Extreme Service Safety Handle

Quality Delivered.

RMET TYPE "A" DRILL COLLAR SLIP

The RMET Type "A" Drill Collar Slip has a multi-segment design that allows it to hinge so that it fits all drill collars within the slip's size range. The slip segments are made of alloy steel which are heat-treated for strength and wear resistance. The slip is load rated and has an API taper of 4"/ft on the diameter. All slip assemblies are supplied with safety flex handles.

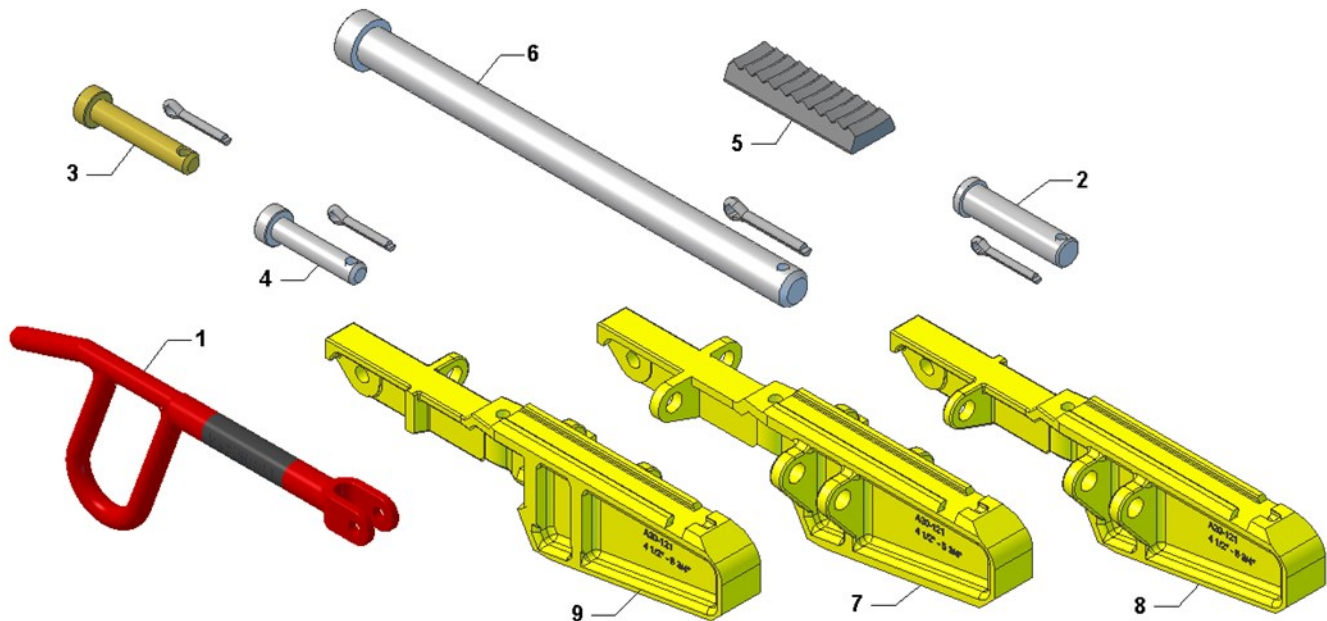


RMET TYPE "A" DRILL COLLAR SLIPS COMPLETE

PART NO.	DRILL COLLAR SIZE/SLIP RECESS	# OF SEGMENTS	TAPER/FT (TPF)	RATING(TONS)	WT.
20-111-LR-F	3" - 4 1/4"	7	4.00"	95	136
20-111-1-LR-F	3 3/4" - 4 3/4"	8	4.00"	110	128
20-112-LR-F	4 1/2" - 5 3/4"	9	4.00"	130	112
20-113-LR-F	5 1/2" - 7"	10	4.00"	150	117
20-114-LR-F	6 3/4" - 8 1/4"	11	4.00"	150	118
20-115-LR-F	8 1/4" - 10"	12	4.00"	150	120

ALL PARTS ARE INTERCHANGEABLE WITH CORRESPONDING DESIGN TYPE "A" DRILL COLLAR SLIPS

RMET TYPE "A" DRILL COLLAR SLIP



REPLACEMENT PARTS FOR RMET TYPE "A" DRILL COLLAR SLIPS

PART NO.	ITEM#	DESCRIPTION	REF.#	#REQ.	WT.
08-136	1	FLEX HANDLE		3	4.00
08-103	2	HANDLE PIN	707-000-0300	3	.12
20-102	3	INSERT RET. PIN (3" - 8 1/4")	707-000-0600		.08
20-104	4	INSERT RET. PIN (8 1/4" - 10")	707-000-0700	12	.07
20-103	5	INSERT	797-000-0000		.25
20-101	6	HINGE PIN	707-000-0100		.86
20-109	7	INT. SEG. 3" - 4 1/4"	707-300-0100	5	15.00
20-108	8	R.H. SEG. 3" - 4 1/4"	707-300-0400	1	15.00
20-110	9	L.H. SEG. 3" - 4 1/4"	707-300-0300	1	15.00
20-138	7	INT. SEG. 3 1/4" - 4 3/4"	707-320-0100	6	14.00
20-137	8	R.H. SEG. 3 1/4" - 4 3/4"	707-320-0400	1	14.00
20-139	9	L.H. SEG. 3 1/4" - 4 3/4"	707-320-0300	1	14.00
20-121	7	INT. SEG. 4 1/2" - 5 3/4"	707-420-0100	7	13.00
20-120	8	R.H. SEG. 4 1/2" - 5 3/4"	707-420-0400	1	13.00
20-122	9	L.H. SEG. 4 1/2" - 5 3/4"	707-420-0300	1	13.00
20-125	7	INT. SEG. 5 1/2" - 7"	707-540-0100	8	11.00
20-124	8	R.H. SEG. 5 1/2" - 7"	707-540-0400	1	11.00
20-126	9	L.H. SEG. 5 1/2" - 7"	707-540-0300	1	11.00
20-130	7	INT. SEG. 6 3/4" - 8 1/4"	707-660-0100	9	8.50
20-129	8	R.H. SEG. 6 3/4" - 8 1/4"	707-660-0400	1	8.50
20-131	9	L.H. SEG. 6 3/4" - 8 1/4"	770-660-0300	1	8.50
20-134	7	INT. SEG. 8 1/4" - 10"	707-820-0100	10	6.00
20-133	8	R.H. SEG. 8 1/4" - 10"	707-820-0400	1	6.00
20-135	9	L.H. SEG. 8 1/4" - 10"	707-820-0300	1	6.00

Quality Delivered.

RMET TYPE "C-1" DRILL COLLAR SLIPS

The RMET "C-1" Drill Collar Slip has a multi-segment design that allows it to hinge so that it fits all drill collars within the slip's size range. The slip segments are made of alloy steel which are heat-treated for strength and wear resistance. The inserts are a continuous one piece design with approximately 7 1/2" of contact length. The slip is load rated and has an API taper of 4"/ft on the diameter. For added safety, the RMET "C-1" Drill Collar Slip is also provided with safety flex handles as a standard option.



RMET "C-1" DRILL COLLAR SLIPS COMPLETE

PART NO.	DRILL COLLAR SIZE/ SLIP RECESS	SEG. PART#	REF.#	TOTAL SEG.	TAPER/FT (TPF)	RATING (TONS)	WT.
08-111-LR-F	3" - 4 1/2"	08-108	7636-5104	8	4.00"	120	112
08-112-LR-F	4 1/4" - 5 3/4"	08-121	7636-5105	10	4.00"	150	122
08-113-LR-F	5 1/2" - 7"	08-125	7636-5106	12	4.00"	200	134
08-114-LR-F	6 3/4" - 8 1/4"	08-130	7636-5107	12	4.00"	200	118
08-115-LR-F	8 1/2" - 10"	08-134	7636-5108	12	4.00"	200	198
08-116-LR-F*	10" - 11 1/4"	08-130	7636-5109	17	4.00"	200	150
08-117-LR-F**	11 1/4" - 12 3/4"	08-125	7636-5110	19	4.00"	200	210

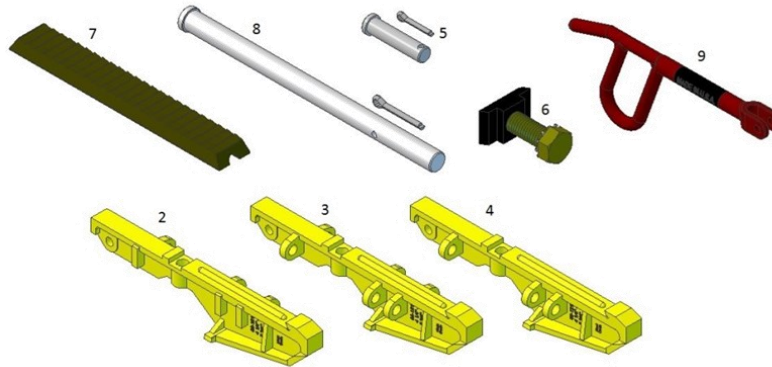
ALL "C-1" TYPE SLIPS ARE AVAILABLE WITH STEEL HANDLES UPON REQUEST

ALL PARTS ARE INTERCHANGEABLE WITH CORRESPONDING DESIGN "C-1" DRILL COLLAR SLIPS

* FITS NO. 2 INSERT BOWL

** FITS NO. 1 INSERT BOWL

RMET TYPE "C-1" DRILL COLLAR SLIP

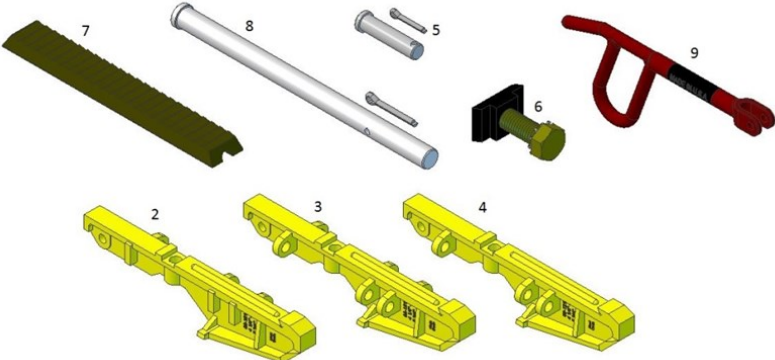


REPLACEMENT PARTS FOR RMET "C-1" DRILL COLLAR SLIPS

PART #	ITEM#	DESCRIPTION	*SPARES	SIZE	#REQ.	REF.#	WT.
08-102	9	HANDLE	3	3" - 10"	3	7638-A-78	2.50
08-102	9	HANDLE	4	10" - 12 3/4"	4	7638-A-78	2.50
08-107	2	BODY SEGMENT (RIGHT HAND)		3" - 4 1/2"	1	7638-5099-11	10.75
08-120	2	BODY SEGMENT (RIGHT HAND)		4 1/4" - 5 3/4"	1	7638-5100-11	9.25
08-124	2	BODY SEGMENT (RIGHT HAND)		5 1/2" - 7"	1	7638-5101-11	8.25
08-129	2	BODY SEGMENT (RIGHT HAND)		6 3/4" - 8 1/4"	1	7638-5102-11	7.00
08-133	2	BODY SEGMENT (RIGHT HAND)		8 1/2" - 10"	1	7638-5103-11	5.75
08-129	2	BODY SEGMENT (RIGHT HAND)		10" - 11 1/4"	1	7638-5102-11	7.00
08-124	2	BODY SEGMENT (RIGHT HAND)		11 1/4" - 12 3/4"	1	7638-5101-11	8.25
08-108	3	BODY SEGMENT (INTERMEDIATE)		3" - 4 1/2"	6	7638-5099-10	10.75
08-121	3	BODY SEGMENT (INTERMEDIATE)		4 1/4" - 5 3/4"	8	7638-5100-10	9.25
08-125	3	BODY SEGMENT (INTERMEDIATE)		5 1/2" - 7"	10	7638-5101-10	8.25
08-130	3	BODY SEGMENT (INTERMEDIATE)		6 3/4" - 8 1/4"	10	7638-5102-10	7.00
08-134	3	BODY SEGMENT (INTERMEDIATE)		8 1/2" - 10"	10	7638-5103-10	5.75
08-130	3	BODY SEGMENT (INTERMEDIATE)		10" - 11 1/4"	15	7638-5102-10	7.00
08-125	3	BODY SEGMENT (INTERMEDIATE)		11 1/4" - 12 3/4"	17	7638-5101-10	8.25
08-109	4	BODY SEGMENT (LEFT HAND)		3" - 4 1/2"	1	7638-5099-12	10.75
08-122	4	BODY SEGMENT (LEFT HAND)		4 1/4" - 5 3/4"	1	7638-5100-12	9.25
08-126	4	BODY SEGMENT (LEFT HAND)		5 1/2" - 7"	1	7638-5101-12	8.25
08-131	4	BODY SEGMENT (LEFT HAND)		6 3/4" - 8 1/4"	1	7638-5102-12	7.00
08-135	4	BODY SEGMENT (LEFT HAND)		8 1/2" - 10"	1	7638-5103-12	5.75
08-131	4	BODY SEGMENT (LEFT HAND)		10" - 11 1/4"	1	7638-5102-12	7.00
08-126	4	BODY SEGMENT (LEFT HAND)		11 1/4" - 12 3/4"	1	7638-5101-12	8.25
08-103	5	HANDLE PIN w/COTTER	1	3" - 10"	3	7638-E-2	.15
08-103	5	HANDLE PIN w/COTTER	2	10" - 12 3/4"	4	7638-E-2	.15
08-104	6	LINER KEEPER w/BOLT & WASHER	4	3" - 4 1/2"	8	7638-5113	1.00
08-104	6	LINER KEEPER w/BOLT & WASHER	5	4 1/4" - 5 3/4"	10	7638-5113	1.00
08-104	6	LINER KEEPER w/BOLT & WASHER	6	5 1/2" - 10"	12	7638-5113	1.00
08-104	6	LINER KEEPER w/BOLT & WASHER	8	10" - 11 1/4"	17	7638-5113	1.00
08-104	6	LINER KEEPER w/BOLT & WASHER	9	11 1/4" - 12 3/4"	19	7638-5113	1.00

REPLACEMENT PARTS CONTINUED ON NEXT PAGE

RMET TYPE "C-1" DRILL COLLAR SLIP



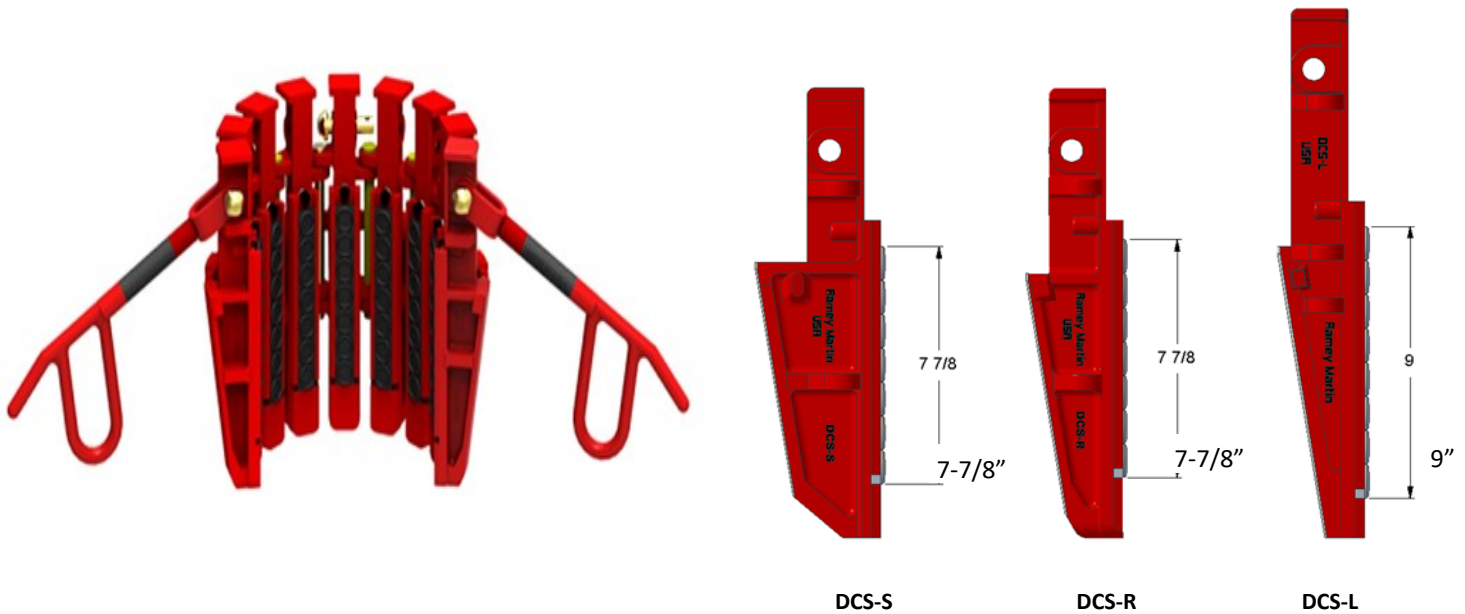
REPLACEMENT PARTS FOR RMET "C-1" DRILL COLLAR SLIPS

PART #	ITEM#	DESCRIPTION	*SPARES	SIZE	#REQ.	REF.#	WT.
08-105	7	RENEWABLE LINER		3" - 12 3/4"		7638-116	1.00
08-101	8	HINGE PIN w/COTTER	3	3" - 4 1/2"	7	7638-B-59	1.15
08-101	8	HINGE PIN w/COTTER	3	4 1/4" - 5 3/4"	9	7638-B-59	1.15
08-101	8	HINGE PIN w/COTTER	3	5 1/2" - 8 1/4"	11	7638-B-59	1.15
08-106	8	HINGE PIN w/COTTER	3	8 1/2" - 10"	11	7638-B-59	.85
08-101	8	HINGE PIN w/COTTER	4	10" - 11 1/4"	16	7638-B-59	1.15
08-101	8	HINGE PIN w/COTTER	4	11 1/4" - 12 3/4"	18	7638-B-59	1.15

Quality Delivered.

RMET TYPE "DCS" DRILL COLLAR SLIPS

The RMET "DCS" Type Drill Collar Slip has a multi-segment design to give a full wrap-around to insure a proper slip setting. The slips are made of alloy steel and heat-treated for strength and long life. The slip is load rated and has an API taper of 4"/ft on the diameter. For added safety, the RMET "DCS" Drill Collar Slip is also provided with safety flex handles as a standard option.



RMET "DCS" DRILL COLLAR SLIPS COMPLETE

PART NO.	DRILL COLLAR SIZE/SLIP RECESS	TYPE SLIP	REF.#	TOTAL SEGMENTS	TAPER/FT (TPF)	RATING (TONS)	WT.
16-120-LR-F	3" - 4"	DCS-S	(2572)	7	4.00"	120	112
16-121-LR-F	4" - 4 7/8"	DCS-S	(2573)	7	4.00"	120	103
16-122-LR-F	4 1/2" - 6"	DCS-R	(2552)	9	4.00"	150	120
16-123-LR-F	5 1/2" - 7"	DCS-R	(2550)	9	4.00"	150	112
16-125-LR-F	5 1/2" - 7"	DCS-L*	(2501)	11	4.00"	15 T/SEG = 165	172
16-126-LR-F	6 3/4" - 8 1/4"	DCS-L*	(2503)	11	4.00"	15 T/SEG = 165	154
16-127-LR-F	8" - 9 1/2"	DCS-L*	(2507)	12	4.00"	15 T/SEG = 180	173
16-128-LR-F	8 1/2" - 10"	DCS-L*	(2530)	13	4.00"	15T/SEG = 195	185
16-129-LR-F	9 1/4" - 11 1/4"	DCS-L*	(2508)	14	4.00"	15T/SEG = 210	198
16-130-LR-F	11" - 12 3/4"	DCS-L*	(2534)	17	4.00"	15T/SEG = 255	213
16-131-LR-F	12" - 14"	DCS-L*	(V2536)	17	4.00"	15T/SEG = 255	207

* DUAL SLIP RATING

NOTE: SLIP SIZES 3" - 9 1/2" FOR USE IN API OR #3 BOWL

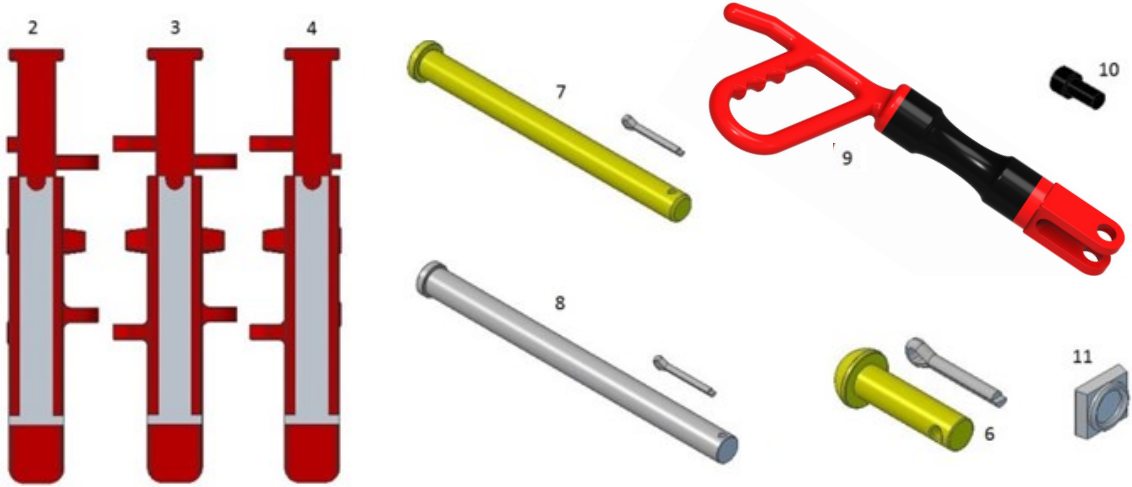
SLIP SIZES 8 1/2" - 11 1/4" FOR USE IN #2 BOWL

SLIP SIZES 11" - 14" FOR USE IN #1 BOWL

ALL PARTS ARE INTERCHANGEABLE WITH CORRESPONDING DESIGN "DCS" TYPE

www.krmsupply.com

RMET TYPE "DCS" DRILL COLLAR SLIPS



REPLACEMENT PARTS FOR RMET "DCS" DRILL COLLAR SLIPS

PART NO.	ITEM#	DESCRIPTION	*SPARES	SIZE	#REQ	REF.#	WT.
16-102	2	LEFT HAND SEGMENT f/DCS-S		3" - 4 7/8"	1	2569	11.00
16-105	2	LEFT HAND SEGMENT f/DCS-R		4 1/2" - 7"	1	2555	10.00
16-108	2	LEFT HAND SEGMENT f/DCS-L		5 1/2" - 14"	1	2511	12.00
16-103	3	INTERMEDIATE SEGMENT f/DCS-S		3" - 4 7/8"	5	2570	11.00
16-106	3	INTERMEDIATE SEGMENT f/DCS-R		4 1/2" - 7"	7	2556	10.00
16-109	3	INTERMEDIATE SEGMENT f/DCS-L		5 1/2" - 14"	**	2512	12.00
16-104	4	RIGHT HAND SEGMENT f/DCS-S		3" - 4 7/8"	1	2568	11.00
16-107	4	RIGHT HAND SEGMENT f/DCS-R		4 1/2" - 7"	1	2554	10.00
16-110	4	RIGHT HAND SEGMENT f/DCS-L		5 1/2" - 14"	1	2510	12.00
14-105	6	HANDLE PIN	3	3" - 10"	3	3769	.50
14-105	6	HANDLE PIN	3	9 1/4" - 14"	4	3769	.50
14-106	7	HINGE PIN f/DCS-S	4	3" - 4 7/8"	6	2525	.70
14-106	7	HINGE PIN f/DCS-R	4	4 1/2" - 7"	8	2525	.70
16-112	8	HINGE PIN f/DCS-L	4	5 1/2" - 14"	**	2520	.70
23-112	9	SAFETY FLEX HANDLE	3	3"-10"	3	N/A	4.00
23-112	9	SAFETY FLEX HANDLE	4	9-1/4"-14"	4	N/A	5.00
14-091	10	DIE RETAINER BOLT					

* RECOMMENDED SPARE PARTS FOR 1 YEAR OF OPERATION
 ** VARIES DEPENDING ON SLIP SIZE

Quality Delivered.

RMET TYPE "DCS" DRILL COLLAR SLIPS

BUTTON AND CROSS REF. INSERTS FOR RMET "DCS" DRILL COLLAR SLIPS

PART NO. (BUTTON)	REF#	SLIP TYPE	SIZE	QTY	WT./SET	PART NO. (INSERT)	REF#	QTY	WT./SET
14-628	(2628)	DCS-S	3" - 4"	49	13.00	23-168	(2632)	21	7
14-620	(2620)	DCS-S	4" - 4 7/8"	49	8.00	23-161	(2167)	21	4
14-628	(2628)	DCS-R	4 1/2" - 6"	63	16.00	23-168	(2632)	27	9
14-620	(2620)	DCS-R	5 1/2" - 7"	63	11.00	23-166	(2173)	27	5
14-513	(2513)	DCS-L	5 1/2" - 7"	88	19.00	23-180	(2521)	33	7
14-630	(2630)	DCS-L	6 3/4" - 8 1/4"	88	15.00	23-170	(2633)	33	5
14-630	(2630)	DCS-L	8" - 9 1/2"	96	16.00	23-170	(2633)	36	5
14-627	(2627)	DCS-L	8 1/2" - 10"	104	26.00	23-172	(2637)	39	11
14-630	(2630)	DCS-L	9 1/4" - 11 1/4"	112	19.00	23-170	(2633)	42	5
14-625	(2625)	DCS-L	11" - 12 3/4"	136	20.00	23-185	(2639)	51	11
14-630	(2630)	DCS-L	12" - 14"	136	22.00	23-170	(2633)	51	5

Quality Delivered.

RMET TYPE “SD” ROTARY SLIPS

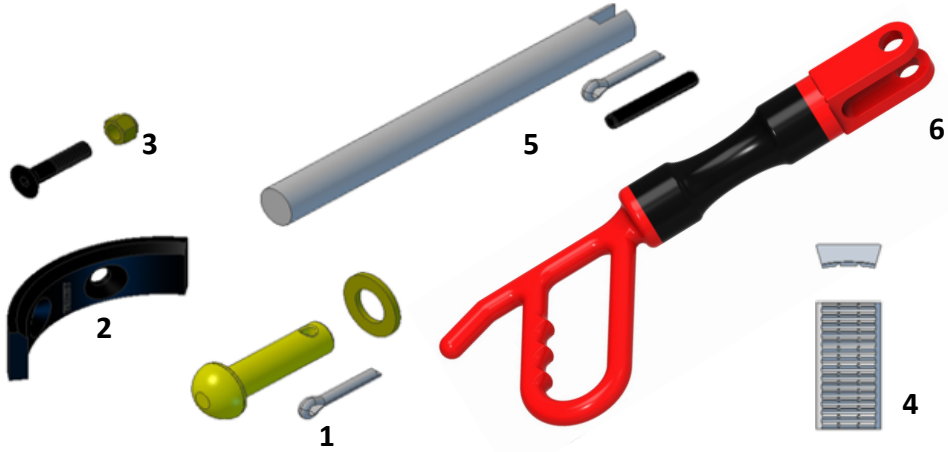
All RMET “SDML” and “SDXL” Slips are made of alloy steel and heat-treated for strength and long life. These slips are then machined for use in API standard bowls. We have designed our slip to operate with no load ring and still maintain 100% insert support, eliminating the need for beveled inserts, this also allows for a complete inspection of the slip without fighting seized or breaking load ring bolts. Another time saving change is the use of roll pins for retaining the hinge pins and a larger knock out hole beneath the hinge pins. All RMET “SD” Slips have an API taper of 4”/ft on the diameter. Lastly, we have added SLD spring grooves, which allow our slip to easily be retrofitted for the RMET SLD.



RMET “SD” TYPE ROTARY SLIPS COMPLETE

PART NO.	SLIP BODY SIZE	TYPE	REF	TAPER/FT(TPF)	RATING (TONS)	WT.
23-100-LR-F	3 1/2" BODY ONLY	SDML	15522-1	4.00"	175	153.00
24-200-LR-F	4 1/2" BODY ONLY	SDXL	15562	4.00"	350	182.00
24-100-LR-F	5" BODY ONLY	SDXL	15566	4.00"	350	193.00
24-300-LR-F	5 1/2" BODY ONLY	SDXL	15570	4.00"	350	190.00
23-135-LR-F	3 1/2" x 3 1/2"	SDML	15522	4.00"	175	180.00
23-127-LR-F	3 1/2" x 2 7/8"	SDML	15523	4.00"	175	188.00
23-123-LR-F	3 1/2" x 2 3/8"	SDML	15524	4.00"	175	193.00
24-245-LR-F	4 1/2" x 4 1/2"	SDXL	15513	4.00"	350	205.00
24-240-LR-F	4 1/2" x 4"	SDXL	15514	4.00"	350	219.00
24-235-LR-F	4 1/2" x 3 1/2"	SDXL	15515	4.00"	350	229.00
24-150-LR-F	5" x 5"	SDXL	15516	4.00"	350	213.00
24-145-LR-F	5" x 4 1/2"	SDXL	15517	4.00"	350	227.00
24-140-LR-F	5" x 4"	SDXL	15518	4.00"	350	237.00
24-355-LR-F	5 1/2" X 5 1/2"	SDXL	15519	4.00"	350	210.00
24-350-LR-F	5 1/2" X 5"	SDXL	15520	4.00"	350	224.00
24-345-LR-F	5 1/2" X 4 1/2"	SDXL	15521	4.00"	350	234.00

RMET "SD" TYPE ROTARY SLIPS



REPLACEMENT PARTS FOR "SD" TYPE ROTARY SLIPS

PART NO.	ITEM#	DESCRIPTION	SIZE	#REQ.	REF.#	WT.	*SPARES
14-105	1	HANDLE PIN w/WASHER & COTTER	ALL	3	3769	.50	3
23-104	2	INSERT RETAINER RING	3 1/2"	3	3738	1.00	3
23-105	2	INSERT RETAINER RING	4 1/2"	3	3739	1.00	3
23-106	2	INSERT RETAINER RING	5"	3	3741	1.00	3
23-107	2	INSERT RETAINER RING	5 1/2"	3	3740	1.00	3
23-108	2	INSERT RETAINER RING	7"	3	3742	1.00	3
23-109	3	INSERT RETAINER SCREW & NUT	ALL	6	3737	.02	12
23-110	4	INSERT	SEE CHART (NEXT PAGE 77)				
23-111	5	HINGE PIN w/COTTER	ALL	2	2192	1.20	2
23-112	6	SAFETY FLEX HANDLE	ALL	3	N/A	4.00	3

*RECOMMENDED SPARE PARTS FOR 1 YEAR SERVICE

Quality Delivered.

RMET "SD" TYPE ROTARY SLIPS

INSERTS FOR "SDML" AND "SDXL" SLIPS

PART NO.	SIZE	TYPE	REF.#	WT./SET (SDML/SDXL)
23-155	3 1/2" x 3 1/2"	BASIC	2162	10.00
23-156	3 1/2" x 2 7/8"	REDUCER	2161	15.00
23-157	3 1/2" x 2 3/8"	REDUCER	2160	20.00
23-158	4 1/2" x 4 1/2"	BASIC	2165	15.00 / 18.00
23-159	4 1/2" x 4"	REDUCER	2164	23.00 / 27.00
23-160	4 1/2" x 3 1/2"	REDUCER	2163	30.00 / 36.00
23-161	5" x 5"	BASIC	2167	15.00 / 18.00
23-162	5" x 4 1/2"	REDUCER	2166	23.00 / 27.00
23-163	5" x 4"	REDUCER	2168	30.00 / 36.00
23-164	5 1/2" x 5 1/2"	BASIC	2170	15.00 / 18.00
23-165	5 1/2" x 5"	REDUCER	2169	23.00 / 27.00
23-163	5 1/2" x 4 1/2"	REDUCER	2168	30.00 / 36.00
23-166	7" x 7"	BASIC	2173	20.00 / 26.00
23-167	7" x 6 5/8"	REDUCER	2172	25.00 / 41.00

"SDXL" SLIPS EXCEPT 7" TAKE 54 INSERTS
3 1/2" "SDML" SLIPS TAKE 30 INSERTS
ALL OTHER "SDML" SLIPS EXCEPT 7" TAKE 45 INSERTS
7" "SDXL" SLIPS TAKE 72 INSERTS
7" "SDML" SLIPS TAKE 60 INSERTS

RMET “DU” TYPE ROTARY SLIPS

The RMET “DU” Rotary Slips are designed for long trouble-free service. They are made of alloy steel and heat-treated for strength and resistance to wear. The slips are machined for use in API tapered bowls. The “DU” Regular has a 12” long gripping surface and is designed for wells 8000’ or less. The “DU” Long has a 16” long gripping surface and is designed for deeper wells and heavier drill strings. All RMET “DU” Slips have an API taper of 4”/ft on the diameter.

RMET “DU” TYPE ROTARY SLIPS

PART NO.	SLIP BODY SIZE	TYPE	TAPER/FT (TPF)	RATING (TONS)	WT.
03-114-LR-F	4 1/2”	DU/REGULAR	4.00”	165	135
03-115-LR-F	4 1/2”	DU/LONG	4.00”	180	164
03-116-LR-F	5 1/2”	DU/REGULAR	4.00”	200	150
03-117-LR-F	5 1/2”	DU/LONG	4.00”	250	180
03-112-SDU-LR-F	5 1/2”	DU/LONG	4.00”	400	
03-118-LR-F	7”	DU/REGULAR	4.00”	300	145
03-119-SDU-F	7”	SDU/LONG	4.00”	400	210



REPLACEMENT PARTS FOR RMET “DU” ROTARY SLIPS

PART NO.	ITEM#	DESCRIPTION	*SPARES	#REQ	REF.#	WT.
03-105	1	HINGE PIN	2	2	7613-A-12	1.25
03-103	2	DU LONG LINER KEY	3	3	7613-A-67	1.75
03-104	3	DU REG. LINER KEY	3	3	7613-A-52	1.50
03-106	4	FRONT HANDLE PIN	2	2	7613-B-12	.25
03-107	5	REAR HANDLE PIN	1	1	7613-C-12	.38
03-108	6	HINGE SPRING ASSY.	2	2	7613-211	1.25
03-300-F	7	SAFETY FLEX HANDLE (REAR)	3	3	7613-5190	5.00

Quality Delivered.

RMET "DU" TYPE ROTARY SLIPS

PART NO.	DESCRIPTION	REF.#	WT.	PART NO. (FULL FACE INSERTS)
03-120	4 1/2" X 4 1/2"	7613-A-81	.75	03-210
	4 1/2" X 4 3/8"	N/A	.80	03-213
	4 1/2" X 4 1/4"	N/A	.85	03-216
	4 1/2" X 4 1/8"	N/A	.90	03-219
03-121	4 1/2" X 4"	7613-FF-81	1.00	03-221
	4 1/2" X 3 3/4"	N/A	1.75	03-224
03-122	4 1/2" X 3 1/2"	7613-C-82	1.50	03-227
	4 1/2" X 3 3/8"	N/A	1.65	03-229
	4 1/2" X 3 1/4"	N/A	1.75	03-228
	4 1/2" X 3 1/8"	N/A	1.85	03-230
	4 1/2" X 3"	N/A	1.90	03-231
03-123	4 1/2" X 2 7/8"	7613-B-82	2.00	03-233
03-124	4 1/2" X 2 3/8"	7613-A-82	2.25	03-236
03-125	4 1/2" X 2 1/16"	7613-M-82	2.50	03-237
03-126	4 1/2" X 1.900"	7613-H-82	2.75	03-238
03-127	4 1/2" X 1.660"	N/A	2.80	03-239
PART NO.	DESCRIPTION	REF.#	WT.	PART NO. (FULL FACE INSERTS)
	5 1/2" X 5 3/4"	N/A	.85	03-241
03-130	5 1/2" X 5 1/2"	7613-H-81	1.00	03-240
	5 1/2" X 5 1/4"	N/A	1.31	03-242
03-131	5 1/2" X 5"	7613-G-81	1.50	03-243
	5 1/2" X 4 3/4"	N/A	1.75	03-246
03-132	5 1/2" X 4 1/2"	7613-E-81	2.00	03-249
	5 1/2" X 4 3/8"	N/A	2.10	03-247
	5 1/2" X 4 1/4"	N/A	2.15	03-252
	5 1/2" X 4 1/8"	N/A	2.20	03-255
03-133	5 1/2" X 4"	N/A	2.25	03-258
	5 1/2" X 3 3/4"	N/A	2.28	03-261
03-134	5 1/2" X 3 1/2"	7613-E-82	2.31	03-264
	5 1/2" X 3 1/4"	N/A	2.38	03-266
	5 1/2" X 3 1/8"	N/A	2.45	03-268
	5 1/2" X 3"	N/A	2.52	03-270
03-134-1	5 1/2" X 2 7/8"	N/A	2.60	03-275
	5 1/2" X 2 3/8"	N/A	2.80	03-277
	5 1/2" X 2 1/16"	N/A	3.58	03-279
PART NO.	DESCRIPTION	REF.#	WT.	PART NO. (FULL FACE INSERTS)
03-140	7" X 7"	7613-EE-81	1.25	03-280
03-148	7" X 6.906"	N/A	1.37	
03-141	7" X 6 5/8"	7613-DD-81	1.75	03-281
03-147	7" X 6"	N/A	2.63	03-283
03-146	7" X 5 7/8"	N/A	3.00	03-285
03-145	7" X 5 3/4"	N/A	2.83	03-286
03-142	7" X 5 1/2"	7613-Z-81	3.25	03-287
03-143	7" X 5"	7613-Y-81	3.75	03-289
03-144	7" X 4 1/2"	7613-W-81	4.00	

NOTE: "DU" REGULAR REQUIRES 18 INSERTS PER SET. "DU" LONG REQUIRES 24 INSERTS PER SET

4 1/2" & 5 1/2" "TS-100" SLIPS REQUIRE 12 INSERTS PER SET

*** 1 SET INSERTS PER PIPE SIZE RECOMMENDED FOR 1 YEAR SPARES**

RMET "XD" TYPE ROTARY SLIPS

The RMET "XD" Rotary Slips are designed for long trouble-free service. They are made of alloy steel and heat-treated for strength and resistance to wear. The slips are machined for use in #3 insert bowls. The "XD" has a 16" long gripping surface and is designed for deeper wells and heavier drill strings. All RMET "XD" Slips have an API taper of 4"/ft on the diameter.

RMET "XD" TYPE ROTARY SLIPS

PART NO.	SLIP BODY SIZE	TYPE	TAPER/FT (TPF)	RATING (TONS)	WT.
03-750-XD-F	7 5/8"	XD	4.00"	750	210
03-750-XD	7 5/8"	XD	4.00"	750	208



REPLACEMENT PARTS FOR RMET "XD" ROTARY SLIPS

PART NO.	ITEM#	DESCRIPTION	*SPARES	#REQ	REF.#	WT.
03-105	1	HINGE PIN	2	2	7613-A-12	1.25
03-103	2	XD LONG LINER KEY	3	3	7613-A-67	1.75
03-107	5	REAR HANDLE PIN	1	3	7613-C-12	.38
03-108	6	HINGE SPRING ASSY.	2	2	7613-211	1.25
03-300-F	7	SAFETY FLEX HANDLE (REAR)	3	3	7613-5190	5.00

PART NO.	ITEM#	DESCRIPTION	REQ.#	WT.
03-750-5000	8	7 5/8" x 5" INSERT	18	7.10
03-750-5500	8	7 5/8" x 5 1/2" INSERT	18	6.34
03-750-5785	8	7 5/8" x 5 7/8" INSERT	18	5.71
03-750-6625	8	7 5/8" x 6 5/8" INSERT	18	4.32
03-750-6906	8	7 5/8" x 6.906" INSERT	18	3.75
03-750-7000	8	7 5/8" x 7" INSERT	18	3.60
03-750-7625	8	7 5/8" x 7 5/8" INSERT	18	2.25

Quality Delivered.

RMET TYPE "B" ROTARY SLIPS

The RMET Type "B" Rotary Slip is designed for light to medium well drilling operations. They are made of alloy steel and heat-treated for strength and resistance to wear. Its standard size ranges from 2 1/16" to 4 1/2" and is used in API tapered bowls. RMET "Type B" Slips have an API taper of 4"/ft on the diameter.

PART NO.	DESCRIPTION	TAPER/FT (TPF)	RATING(TONS)	WT.
19-450-LR-F	4-1/2" TYPE "B" ROTARY SLIP COMPLETE W/ FLEX HANDLES	4.00"	200	134.00



REPLACEMENT PARTS FOR RMET TYPE "B" ROTARY SLIPS

PART NO.	ITEM#	DESCRIPTION	REF#	#REQ.	WT.
19-101	1	HINGE PIN	737-000-0500	2	1.12
19-103	2	HANDLE PIN	737-000-0400	3	.25
19-106	3	INSERT RET. PIN	737-000-0600	3	.30
19-104-F	4	FLEX HANDLE	737-100-0203	3	5.35
19-250	5	4-1/2" X 4-1/2"	757-044-0144	18/24	.85
19-251	5	4-1/2" X 4"	757-044-0140	18/24	1.20
19-252	5	4-1/2" X 3-1/2"	757-044-0134	18/24	1.75
19-253	5	4-1/2" X 2-7/8"	757-044-0127	18/24	2.00
19-254	5	4-1/2" X 2-3/8"	757-044-0123	18/24	2.15
19-255	5	4-1/2" X 2-1/16"	N/A	18/24	2.45

Quality Delivered.

RMET TYPE "CMSXL" CASING SLIPS

The RMET "CMSXL" Casing Slips have a multi-segment design which gives a full wrap-around to help prevent damage to casing. By adding or subtracting segments & inserts the slip can accommodate 6 5/8" - 30" O.D. casing. The segments are made of alloy steel and are heat-treated for strength and wear resistance, then machined to strict quality controlled standards. CMS-XL slip has an API taper of 4"/ft on the diameter



RMET "CMSXL" CASING SLIPS COMPLETE

PART NO.	TYPE	REF#	CASING O.D.	TOTAL SEG.	TAPER/FT (TPF)	RATING (TONS) *	HINGE PINS	NO. OF HANDLES	BUTTON# - QTY	WT. COMP.
14-111-LR-F	CMSXL	5315	6 5/8"	12	4.00"	15T/SEG = 180	11	3	14-628-144	205
14-112-LR-F	CMSXL	5301	7"	12	4.00"	15T/SEG = 180	11	3	14-619-144	206
14-113-LR-F	CMSXL	5303	7 5/8"	12	4.00"	15T/SEG = 180	11	3	14-630-144	204
14-114-LR-F	CMSXL	5305	8 5/8"	13	4.00"	15T/SEG = 195	12	3	14-630-156	220
14-115-LR-F	CMSXL	5307	9 5/8"	14	4.00"	15T/SEG = 210	13	4	14-630-168	240
14-116-LR-F	CMSXL	5309	10 3/4"	15	4.00"	15T/SEG = 225	14	4	14-630-180	256
14-117-LR-F	CMSXL	5311	11 3/4"	17	4.00"	15T/SEG = 255	16	4	14-627-204	288
14-118-LR-F	CMSXL	5313	13 3/8"	18	4.00"	15T/SEG = 270	17	4	14-630-216	304
14-119-LR-F	CMSXL	5325	16"	21	4.00"	15T/SEG = 315	20	4	14-631-252	351
14-120-18-LR-F	CMSXL	5333	18"	24	4.00"	15T/SEG = 360	23	4	14-625-288	405
14-120-LR-F	CMSXL	5333	18 5/8"	25	4.00"	15T/SEG = 375	24	4	14-626-300	417
14-121-LR-F	CMSXL	5329	20"	25	4.00"	15T/SEG = 375	24	4	14-631-312	416
14-162-LR-F	CMSXL		22"	29	4.00"	15T/SEG = 435	28	4	13868-348	548
14-122-LR-F	CMSXL	5331	24"	30	4.00"	15T/SEG = 450	29	5	14-631-360	500
14-123-LR-F	CMSXL	5346	26"	32	4.00"	15T/SEG = 480	31	5	14-631-396	531
14-124-LR-F	CMSXL	5342	30"	36	4.00"	15T/SEG = 500	35	5	14-631-444	598

NOTE: ALL SLIPS 9 5/8" AND LARGER ARE FURNISHED WITH 4 OR MORE HANDLES.
ALL PARTS ARE INTERCHANGEABLE WITH CORRESPONDING DESIGN TYPE "CMSXL" CASING SLIPS.

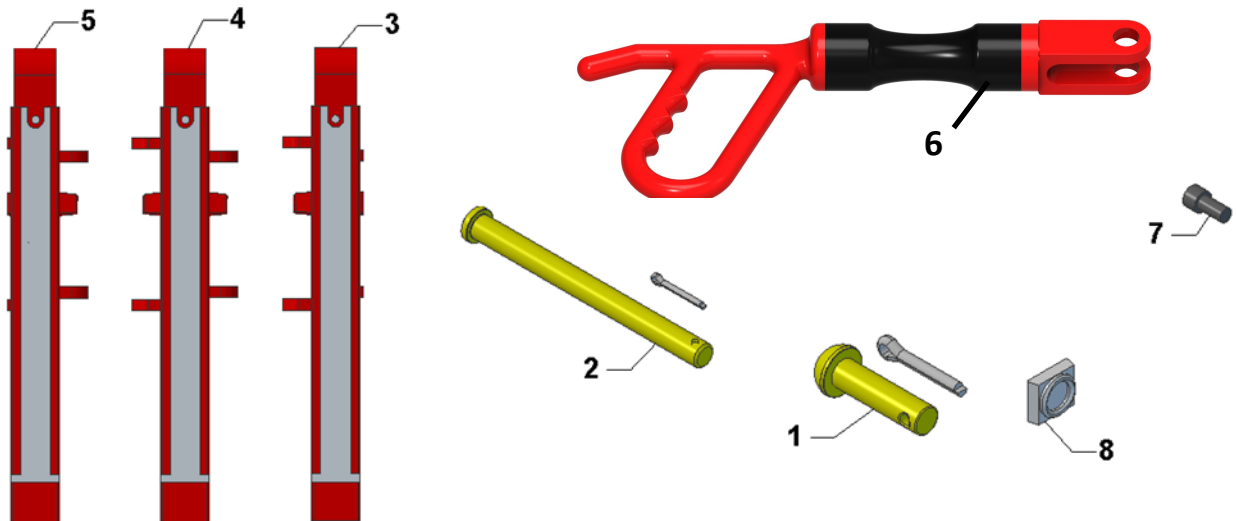
ALL PARTS ARE INTERCHANGEABLE W/"CMSXL" EXCEPT SEGMENTS

"CMSXL" TYPE SLIP IS AVAILABLE IN CUSTOM SIZES UPON REQUEST.

* DUAL SLIP RATING. NOT TO EXCEED 500 TONS

Quality Delivered.

RMET TYPE "CMS" CASING SLIPS



REPLACEMENT PARTS FOR "CMS" & "CPS" SLIPS

PART NO.	ITEM#	DESCRIPTION	REF.#	**SPARES	WT.
14-105	1	HANDLE PIN w/WASHER & COTTER	3769	3	.50
14-106	2	HINGE PIN w/COTTER	2525	2	.60
14-100	3	RIGHT HAND SEGMENT f/CMSXL SLIP	5320		12.00
14-148	3	RIGHT HAND SEGMENT f/CMS-3" SLIP	N/A		11.00
14-107	4	INTERMEDIATE SEGMENT f/CMSXL SLIP	5322		12.00
14-149	4	INTERMEDIATE SEGMENT f/CMS-3" SLIP N/A	N/A		11.00
14-101	5	LEFT HAND SEGMENT f/CMSXL SLIP	5321		12.00
14-150	5	LEFT HAND SEGMENT f/CMS-3" SLIP	N/A		11.00
23-112	6	SAFETY FLEX HANDLE	N/A	3	4.00
14-090	7	BUTTON RETAINER SCREW	N/A		.05
	8	BUTTON INSERTS (SEE TABLE ABOVE)	N/A		VARIES

ALL PARTS ARE INTERCHANGEABLE WITH CORRESPONDING DESIGN TYPE "CMSXL" SLIPS

**RECOMMENDED SPARE PARTS FOR 1 YEAR OPERATION

*FOR RECOMMENDED SPARES INCLUDE 1 SET OF INSERTS FOR EACH PIPE SIZE

RMET "CPS" CONDUCTOR PIPE SLIPS

PART NO.	PIPE O.D.	WT. COMPLETE	TOTAL SEGMENTS	HINGE SPACERS	INSERTS
14-244	24"	276	13	12	2631-156
14-266	26"	296	14	13	2631-168
14-330	30"	319	16	15	2631-192

NOTE: ALL PARTS ARE INTERCHANGEABLE WITH "CMSXL" SLIP

RMET TYPE “UC-3” CASING SLIPS

The “UC-3” Type Casing Slip has a 3” taper designed with a single liner per segment and a liner keeper assembly with bolt and washer. It has a size range of 9-5/8” through 10 3/4”. The inserts are a continuous one-piece design with approximately 8 1/2” of contact length. For added safety, the Ramey Martin “UC-3” Casing Slip is also provided with safety flex handles as a standard option with steel handles available upon request.



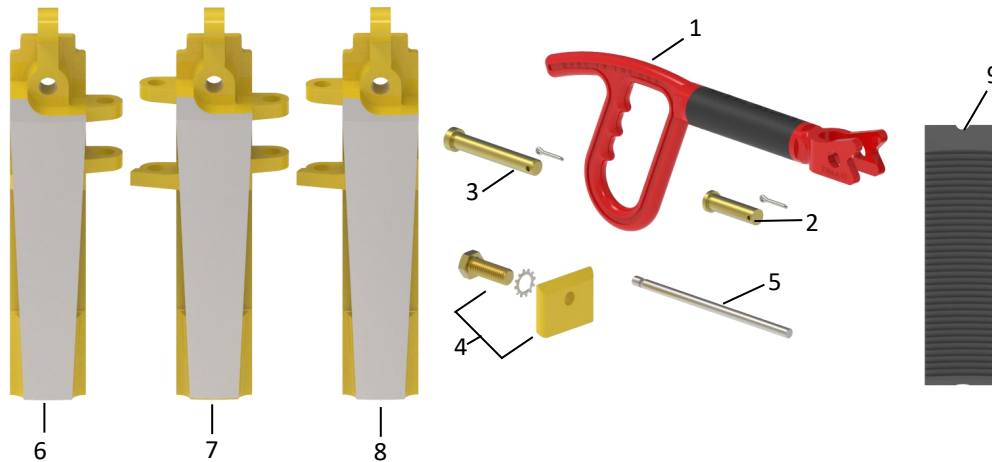
REPLACEMENT PARTS FOR RMET “UC-3” CASING SLIPS

RMET#	SLIP SIZE	W/INSERTS FOR O.D.	INT. SEG./PN (#7)	R.H. SEG./PN (#8)	L.H. SEG./PN (#6)	TAPER/FT (TPF)	WT.
7704-5028-F	10 3/4”	10 3/4” O.D.	8 / 7704-A-31	1 / 7704-A-32	1 / 7704-A-33	3.00”	160
7704-5029-F	10 3/4”	9 5/8” O.D.	8 / 7704-A-31	1 / 7704-A-32	1 / 7704-A-33	3.00”	180
7704-103-F	10 3/4”	LESS LINERS	8 / 7704-A-31	1 / 7704-A-32	1 / 7704-A-33	3.00”	130
7704-5025-F	13 3/8”	13 3/8” O.D.	10 / 7704-A-35	1 / 7704-A-36	1 / 7704-A-37	3.00”	195
7704-5026-F	13 3/8”	12 3/4” O.D.	10 / 7704-A-35	1 / 7704-A-36	1 / 7704-A-37	3.00”	222
7704-5027-F	13 3/8”	11 3/4” O.D.	10 / 7704-A-35	1 / 7704-A-36	1 / 7704-A-37	3.00”	228
7704-104-F	13 3/8”	LESS LINERS	10 / 7704-A-35	1 / 7704-A-36	1 / 7704-A-37	3.00”	153
7704-5036-F	16”	16” O.D.	12 / 7704-A-35	1 / 7704-A-36	1 / 7704-A-37	3.00”	226
7704-106-F	16”	LESS LINERS	12 / 7704-A-35	1 / 7704-A-36	1 / 7704-A-37	3.00”	176
7704-5034-F	20”	20” O.D.	15 / 7704-A-35	1 / 7704-A-36	1 / 7704-A-37	3.00”	283
7704-5035-F	20”	18 5/8” O.D.	15 / 7704-A-35	1 / 7704-A-36	1 / 7704-A-37	3.00”	325
7704-110-F	20”	LESS LINERS	15 / 7704-A-35	1 / 7704-A-36	1 / 7704-A-37	3.00”	223
7704-5001-F	24”	24” O.D.	17 / 7704-A-35	1 / 7704-A-36	1 / 7704-A-37	3.00”	312
7704-5002-F	24”	22 1/2” O.D.	17 / 7704-A-35	1 / 7704-A-36	1 / 7704-A-37	3.00”	359
7704-5009-F	24”	LESS LINERS	17 / 7704-A-35	1 / 7704-A-36	1 / 7704-A-37	3.00”	246
7704-5006-F	26”	26” O.D.	19 / 7704-A-35	1 / 7704-A-36	1 / 7704-A-37	3.00”	325
7704-5010-F	26”	LESS LINERS	19 / 7704-A-35	1 / 7704-A-36	1 / 7704-A-37	3.00”	252
7704-5005-F	30”	30” O.D.	22 / 7704-A-35	1 / 7704-A-36	1 / 7704-A-37	3.00”	367
7704-5011-F	30”	LESS LINERS	22 / 7704-A-35	1 / 7704-A-36	1 / 7704-A-37	3.00”	283
7704-5007-F	36”	36” O.D.	26 / 7704-A-35	1 / 7704-A-36	1 / 7704-A-37	3.00”	437
7704-5013-F	36”	LESS LINERS	26 / 7704-A-35	1 / 7704-A-36	1 / 7704-A-37	3.00”	340
7704-5019-F	42”	42” O.D.	30 / 7704-A-35	1 / 7704-A-36	1 / 7704-A-37	3.00”	495
7704-5018-F	42”	LESS LINERS	30 / 7704-A-35	1 / 7704-A-36	1 / 7704-A-37	3.00”	375

*“UC-3” TYPE SLIPS ARE AVAILABLE WITH STEEL HANDLES UPON REQUEST. TO ORDER REMOVE THE (-F) FROM THE END OF THE PART

Quality Delivered.

RMET TYPE "UC-3" CASING SLIPS



REPLACEMENT PARTS FOR RMET "UC-3" CASING SLIPS

RMET#	ITEM#	DESCRIPTION	10 3/4" NO.	13 3/8" NO.	16" NO.	20" NO.	24" NO.	26" NO.	30" NO.	36" NO.	42" NO.	WT.
7704-A-17-F	1	FLEX HANDLE	3	4	4	4	4	4	4	6	6	4.00
7704-A-17	N/P	HANDLE	3	4	4	4	4	4	4	6	6	5.50
7704-A-16	2	HANDLE PIN W/ COTTER	3	4	4	4	4	4	4	6	6	.5
7704-B-16	3	HINGE PIN W/ COTTER	9	11	13	16	18	20	23	27	31	.375
7704-5024	4	KEEPER ASSY. W/BOLT & WAS.	10	12	14	17	19	21	24	28	32	.25
7704-A-29	5	LINER RETAINER W/COTTER	*	*	*	*	*	*	*	*	*	.25

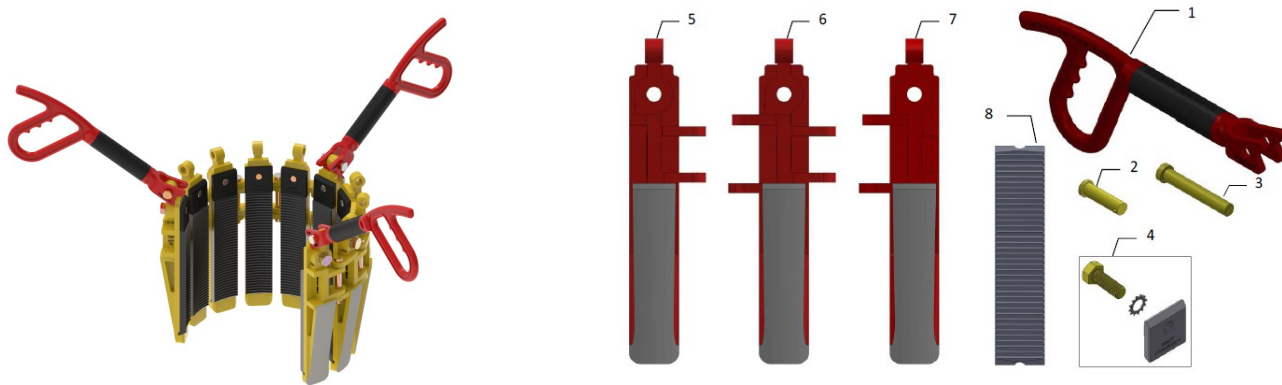
LINERS FOR RMET "UC-3" & "UC-4" CASING SLIPS

RMET#	ITEM#	SLIP SIZE	PIPE SIZE	#REQ.	WT.
7704-A-8	9	10 3/4"	10 3/4"	10	3.50
7704-A-9	9	10 3/4"	9 5/8"	10	7.38
7704-A-38	9	13 3/8"	13 3/8"	12	3.75
7704-A-92	9	13 3/8"	12 3/4"	12	5.75
7704-A-39	9	13 3/8"	11 3/4"	12	10.18
7704-A-99	9	16"	16"	14	3.50
7704-A-99	9	20"	20"	17	3.50
7704-A-9000	9	20"	18 5/8"	17	6.00
7704-A-99	9	24"	24"	19	3.50
7704-A-5000	9	24"	22 1/2"	19	6.00
7704-A-100	9		26" -42"	AS REQUIRED	3.50

Quality Delivered.

RMET TYPE "UC-4" CASING SLIPS

The RMET "UC" Casing Slips have a multi-segment design which gives a full wrap-around to help prevent damage to casing. The slip can accommodate 7" - 8 5/8" O.D. casing. The segments are made of alloy steel and are heat-treated for strength and wear resistance, then machined to strict quality controlled standards. The UC-4 slip has an API taper of 4"/ft on the diameter



RMET UC-4 CASING SLIPS COMPLETE

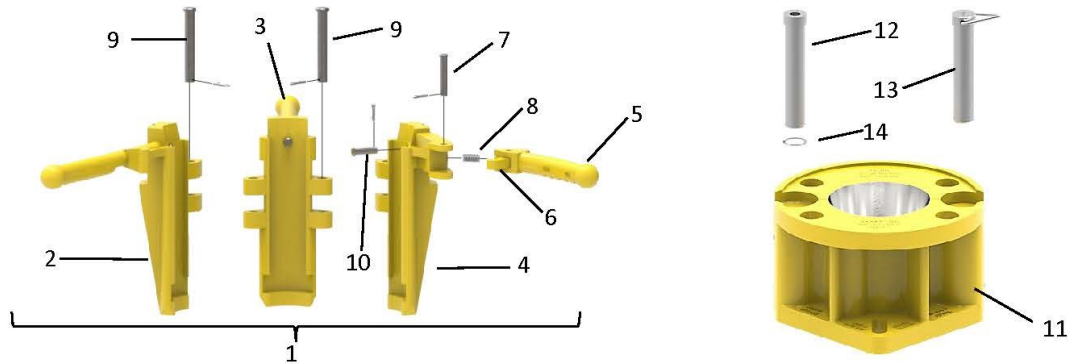
PART NO.	TYPE	CASING O.D.	TOTAL SEG.	TAPER/FT (TPF)	RATING (TONS) *	HINGE PINS	NO. OF HANDLES	LINER# - QTY	WT. COMP.
7704-5031-LR-F	UC	8 5/8"	10	4.00"	200		3	10	
7704-5032-LR-F	UC	7 5/8"	10	4.00"	200		3	10	
7704-5033-LR-F	UC	7"	10	4.00"	200		3	10	

PART NO.	ITEM#	DESCRIPTION	QTY	**SPARES	WT.
7704-A-17-F	1	FLEX HANDLE	3	3	
7704-A-17	-	STEEL HANDLE	3	3	
7704-A-16	2	HANDLE PIN W/COTTER	3	3	
7704-B-16	3	HNGE PIN W/ COTTER	9	2	
7704-5024-4	4	KEEPER ASSY W/ BOLT AND WASHER	10		
7704-A-114	5	LEFT HANDE SEGMENT	1		
7704-A-110	6	INTERMEDIATE SEGMENT	8		
7704-A-115	7	RIGHT HAND SEGMENT	1		
7704-A-22	8	8 5/8" X 8 5/8" UC-4 LINER	10		
7704-A-113	8	8 5/8" X 7 5/8" UC-4 LIER	10		
7704-A-112	8	8 5/8" X 7" UC-4 LINER	10		

Quality Delivered.

RMET 3 1/2" "TS-100" MANUAL TUBING SPIDER

The 3-1/2" TS-100 tubing spider and slip assembly can handle tubing sizes 3/4" thru 3-1/2" O.D. by changing 9 removable inserts. The spider and slip are made of alloy steel and heat treated for strength. All come with full certification and data books which are available upon request. This spider is rated for 100 ton capacity.



PART NO.	ITEM#	DESCRIPTION	REF.#	*SPARES	#REQ.	WT.
17-301	1	SLIP ASSY. LESS INSERTS	7502-104		1	50.00
17-101	2	RIGHT HAND SEGMENT	7502-C-217		1	13.00
17-102	3	CENTER SEGMENT	7502-B-217		1	13.00
17-103	4	LEFT HAND SEGMENT	7502-A-217		1	13.00
17-104	5	LATCH HANDLE	7502-A-214		1	3.00
17-105	6	LATCH	7502-A-207		1	.50
17-108	7	LATCH PIN W/COTTER	7502-B-207		1	.12
17-109	8	LATCH SPRING	7502-C-207	2	1	.12
17-110	9	HINGE PIN F/SLIP W/COTTER	7502-A-216	2	2	.25
17-111	10	INSERT KEEPER W/COTTER	7502-B-216		3	.12
17-302	11	3-1/2" TS-100 BOWL ONLY	7502-100	6	1	187.00
17-112	12	HINGE PIN F/BOWL	7502-A-202		1	4.50
17-113	13	LOCK PIN W/BAIL & CHAIN	7502-D-203		1	5.00
17-114	14	HINGE PIN RETAINER	7502-103-X		1	.08

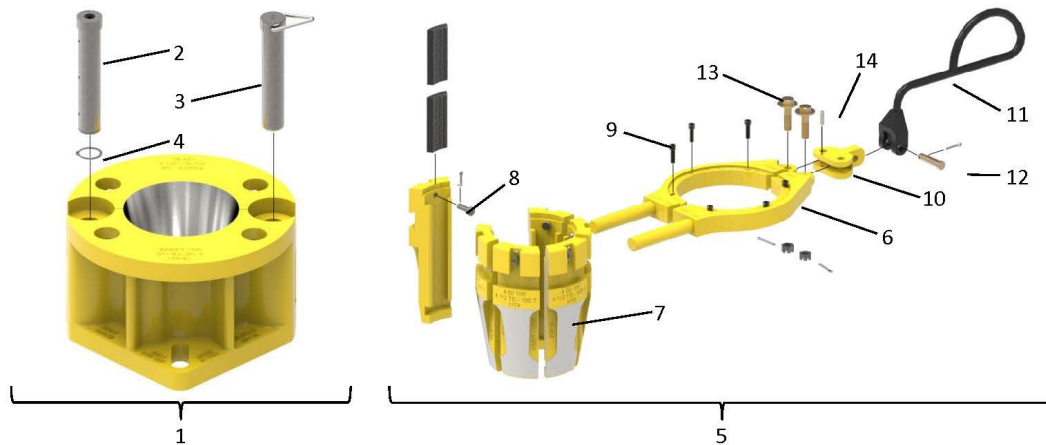
****RECOMMENDED SPARE PARTS FOR 1 YEAR OPERATION**

INSERTS FOR 3 1/2" "TS-100" SPIDER

PART NO.	DESCRIPTION	REF#	#REQ.	WT
21-101	3 1/2" X 3 1/2"	7502-A-5069	9	1.25
21-110	3 1/2" X 3 3/8"	N/A	9	1.25
21-102	3 1/2" X 3 1/8"	N/A	9	1.30
21-103	3 1/2" X 2 7/8"	7502-A-5070	9	1.50
21-104	3 1/2" X 2 3/8"	7502-A-5071	9	1.75
21-105	3 1/2" X 2 -1/16"	7502-A-5072	9	2.00
21-111	3 1/2" X 2"	N/A	9	2.10
21-106	3 1/2" X 1-1/2"	7502-A-5074	9	2.25
21-107	3 1/2" X 1-1/4"	7502-A-5075	9	2.50
21-108	3 1/2" X 1"	7502-A-5076	9	2.75
21-109	3 1/2" X 3/4"	7502-A-5077	9	2.87

RMET 4 1/2" & 5 1/2" "TS-100 MANUAL SPIDER

The RMET 4-1/2" spider and slip uses the 4-1/2" "DU" Full Face insert and has a range of 1.315" thru 4-1/2" O.D. by changing the 12 inserts. The 5-1/2" spider and slip uses the 5-1/2" "DU" Full Face slip insert and has a range of 2-3/8" thru 5-1/2" O.D. by changing the 12 inserts. The 5-1/2" spider is specifically designed to run the Reda or Kobe cable. Both spiders and slip assemblies are designed for heavy duty use. Both are made of alloy steel, heat treated for strength and wear resistance. Both 4 1/2" and 5 1/2" spiders have an API taper of 4"/ft on the diameter and rated for 100 Ton capacity.



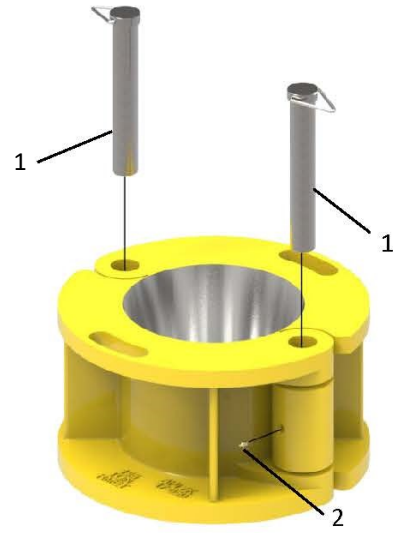
REPLACEMENT PARTS FOR 4 1/2" & 5 1/2" "TS-100 MANUAL SPIDER

PART NO.	ITEM#	DESCRIPTION	*SPARES	#REQ.	WT.
18-451	1	4-1/2" BOWL ONLY		1	215.00
17-112	2	3 1/2" & 4-1/2" TS-100 HINGE PIN		1	4.25
17-113	3	3 1/2" & 4-1/2" TS-100 REMOVEABLE PIN		1	4.25
17-114	4	3 1/2" & 4 1/2" HINGE PIN RETAINER		1	.01
18-452	5	4-1/2" SLIP ASSY. COMPLETE LESS INSERTS		1	60.00
18-453	6	4-1/2" SLIP HANDLES ONLY (SET) <i>includes items 9, 10, 11, 12, 13 & 14</i>		1	19.50
18-454	7	4-1/2" SLIP SEGMENTS EACH		6	6.70
18-455	8	4-1/2" & 5-1/2" INSERT RETAINER PIN	12	6	05
18-456	9	4-1/2" & 5-1/2" SEGMENT RETAINER PIN	6	6	03
18-453-B	10	4 1/2" & 5 1/2" SLIP HANDLE BUSHING	1	1	1.40
08-102	11	HANDLE	1	1	2.75
08-103	12	HANDLE PIN	1	1	.12
18-453-BP	13	HANDLE BUSHING PIN W/ NUT, WASHER, & COTTER	2	2	.22
18-453-D	14	HANDLE BUSHING PIVOT PIN	1	1	.01
18-551	1	5-1/2" BOWL ONLY (image not shown)		1	239.00
18-557	2	5-1/2" TS-100 HINGE PIN		1	6.00
18-558	3	5-1/2" TS-100 REMOVABLE PIN		1	5.75
18-559	4	5-1/2" HINGE PIN RETAINER		1	.01
18-552	5	5-1/2" SLIP ASSY COMPLETE LESS INSERTS		1	65.50
18-553	6	5-1/2" SLIP HANDLES ONLY (SET) <i>includes items 9, 10, 11, 12, 13 & 14</i>		1	18.50
18-554	7	5 1/2" SLIP SEGMENTS EACH		6	8.90

* RECOMMENDED SPARE PARTS F/1 YEAR OPERATION
INSERTS FOR 4-1/2" - 5-1/2" SPIDER ON [PAGE 79](#)

RMET 8 5/8" "API" BOWL

The RMET API BOWL has the same bore and taper (4" per ft.) as the API #3 split bowl. All API drill collar, drill pipe & casing slips can be used in this bowl. It has a range of 2-1/16" thru 10" T.J. and is rated for 125 tons.



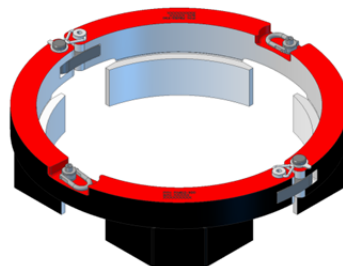
PART NO.	ITEM#	DESCRIPTION	#REQ.	WT.
17-850		8-5/8" 125 TON API BOWL	1	500
17-851	1	REMOVABLE HINGE PIN W/CHAIN	2	10
ZF-GZN-02-3	2	GREASE FITTING	2	.01

RMET FALSE ROTARY



PART NO.	DESCRIPTION	WT.
51-500-GA	FALSE ROTARY TABLE FOR 18 5/8", 20", 24", AND 30" CASING	2300

RMET ADAPTER RING



PART NO.	DESCRIPTION	WT.
52-100	37 1/2" OILWELL TO 37 1/2" NATIONAL ROTARY TABLE ADAPTER RING	1118

Quality Delivered.

RMET MAKE UP STANDS AND TONG DIE DRIV-



The RMET Safety Make-Up Stand is used to support stabilizers, subs, and other drilling tools during bottom hole make-up. It is located on the side of the rotary table, away from the slips and safety clamps.

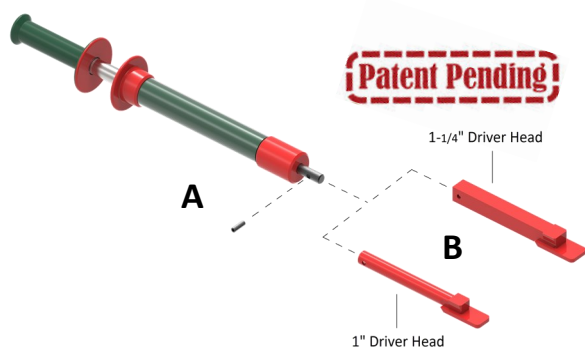
RMET SAFETY MAKE-UP STAND

PART NO.	DESCRIPTION	PIN DIA.	RATING	HEIGHT	WT.
26-900	KET SAFETY MAKE-UP STAND	2"	10,000 LBS	24"	140

KET TONG DIE DRIVERS

PART NO.	ITEM	DESCRIPTION	WT.
26-425	A	KET HAMMERLESS TONG DIE DRIVER /COMPLETE W/ 1 1/4" DRIVER HEAD	12.25
26-426	A	KET HAMMERLESS TONG DIE DRIVER /COMPLETE W/ 1" DRIVER HEAD	11.30
26-400	B	1 1/4" DRIVER HEAD ONLY F/ HAMMERLESS TONG DIE DRIVER	2.41
26-401	B	1" DRIVER HEAD ONLY F/ HAMMERLESS TONG DIE DRIVER	2.17
26-300	C	KET 1 1/4" STRAIGHT TONG DIE DRIVER	7.25
26-310	C	KET 1" STRAIGHT TONG DIE DRIVER	7.25
26-350	D	KET 1 1/4" ANGLE TONG DIE DRIVER	9.25
26-360	D	KET 1" ANGLE TONG DIE DRIVER	9.25

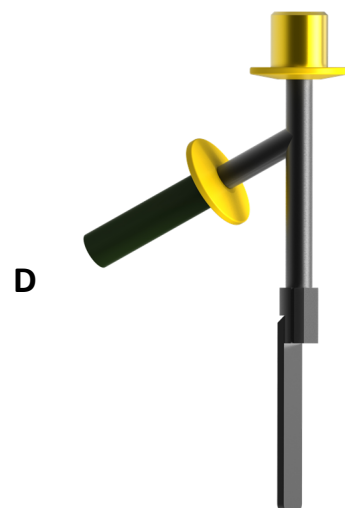
Hammerless Tong Die Driver



Straight Tong Die Driver



Angled Tong Die Driver



RMET TONG SAFETY HANDLES AND BUMPERS



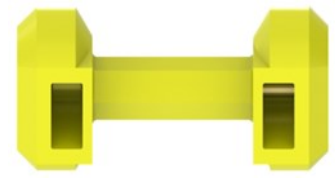
A



B



C

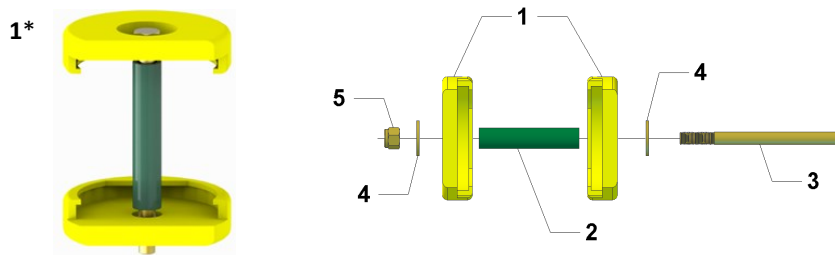


D

TONG SAFETY HANDLES

PART NO.	ITEM	DESCRIPTION	WT.
20000-SH-1	A	2 PC TONG SAFETY HANDLE KIT F/ TONGS MODIFIED WITH 3/8" HOLES	1.25
20000-SH-2	A	2 PC TONG SAFETY HANDLE KIT F/ TONGS WITH STEEL HANDLES	1.25
20000-SH-3	B	2 PC TONG SAFETY HANDLE F/ TYPE "C" LONG JAW	1.10
20000-SH-4	C	2 PC TONG SAFETY HANDLE F/ TONG MODIFIED W/ 1 3/4" WIDE HANDLES W/ 3/4" HOLES	1.18
20000-DB	D	DUMBBELL TONG SAFETY HANDLE	2.16

SAFETY CAP ASSEMBLY FOR VARCO® TONGS



PART NO.	ITEM	DESCRIPTION	QTY	WT.
250369	1*	SAFETY CAP ASSEMBLY FOR VARCO TONGS	1	2.66
250369-1	1	SAFETY CAP (SET OF 2)	1	1.61
250369-2	2	GRIP HOSE FOR SAFETY CAP ASSEMBLY	1	.15
250369-3	3	BOLT FOR SAFETY CAP ASSEMBLY	1	.65
250369-4	4	WASHER FOR SAFETY CAP ASSEMBLY	2	.08
250369-5	5	LOCKNUT FOR SAFETY CAP ASSEMBLY	1	.09



SAFETY BUMPERS

The RMET Safety Bumpers are used on the ST-80, Mud Buckets, and other miscellaneous rig equipment where hand protection is required. The two piece design allows for easy installation with the size molded into each rubber for easy recognition.

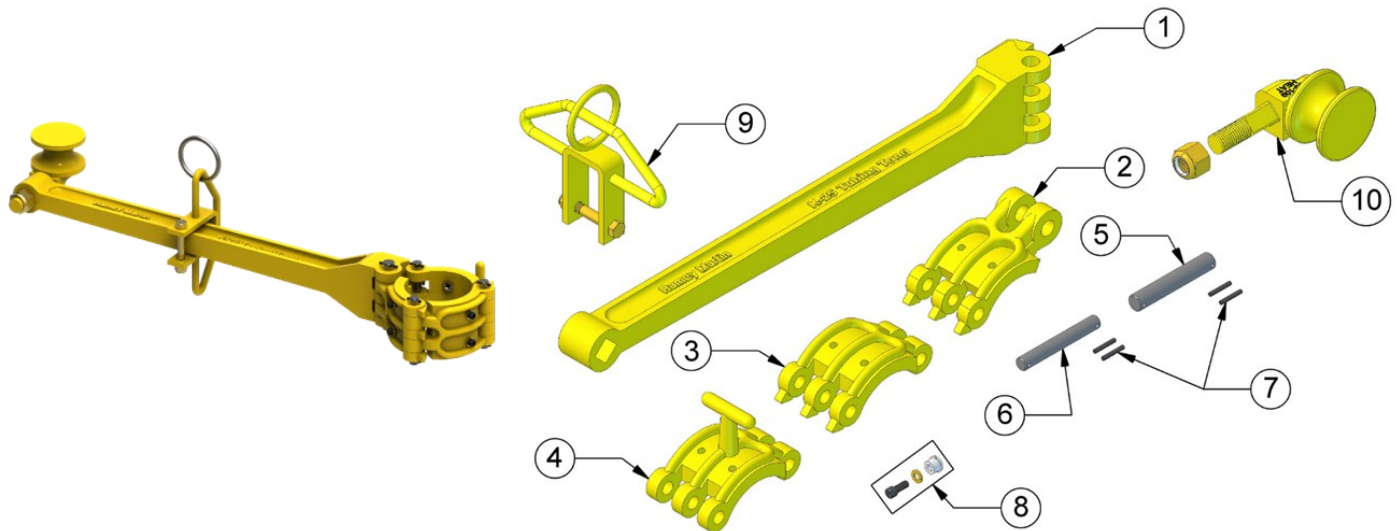
PART NO.	DESCRIPTION	WT./SET
20000-SH-7-4	1/2" SAFETY BUMPER (SET)	1.90
20000-SH-7-6	3/4" SAFETY BUMPER (SET)	1.90
20000-SH-7-7	7/8" SAFETY BUMPER (SET)	1.90
20000-SH-7-8	1" SAFETY BUMPER (SET)	1.90

Quality Delivered.

RMET "K-25" LIGHT WEIGHT TUBING TONG

The RMET K-25 Tubing Tong has a wide range from 1.050 thru 2 7/8", and is light-weight with a wrap-around design providing approximately 300 deg. die contact. This prevents crushing or cutting of thin wall tubing. The tong can be used by hand or with a rope block and cat line, when making-up or breaking-out tubing. They are made of high alloy steel, heat-treated for strength and wear, and then tested. The RMET K-25 light-weight tubing tong has a 2,000 ft.-lb maximum torque rating. All tongs are pull-tested and complete documentation is available with each tong.

PART NO.	DESCRIPTION	WT.
05-101	K-25 TONG COMPLETE LESS DIES, ROPE GUIDE & HANGER	16.50
05-102	K-25 TONG COMPLETE LESS DIES w/ROPE GUIDE & HANGER	21.00



REPLACEMENT PARTS FOR K-20 & K-25 TUBING TONG

PART NO.	ITEM#	DESCRIPTION	#REQ.	*SPARES	WT.
05-114	1	TONG LEVER F/ K25 TONG	1		9.75
05-106	2	K-25 LEVER JAW	1		2.12
05-108	3	K-25 CENTER JAW	1		2.12
05-107	4	K-25 LATCH JAW	1		2.75
05-104	5	TONG LEVER PIN	1	1	.37
05-103	6	TONG HEAD PIN	3	3	.12
05-117	7	RETAINER PINS	8	8	.03
05-105	8	TONG DIE BUSHING & SCREW	6	24	.06
05-113	9	ROLLOVER HANGER WITH SCREW AND NUT	1		1.75
05-109	10	K-20 OR K-25 ROPE GUIDE WITH NUT	1		2.75

DIES FOR K-20 AND K-25 REFER TO PAGE 91

*RECOMMENDED SPARE PARTS FOR ONE YEAR

RECOMMENDED DIES FOR ONE YEAR ORDER 3 FOR EACH SIZE REQUIRED

ALL PARTS ARE INTERCHANGEABLE WITH KELCO** K-20 & K-25 TUBING TONGS

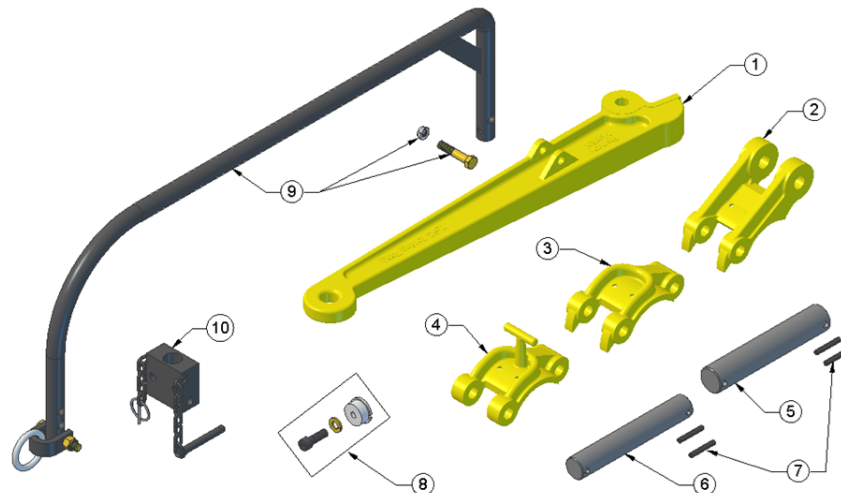
Quality Delivered.

RMET "K-30 & K-50 MANUAL TUBING TONG

RMET K-Series Tubing Tong are designed for heavy duty service of tubing 1.660" to 3.875" OD. They have a wrap-around design with approximately a 300 deg. die contact. This prevents cutting or crushing of thin wall tubing. All tongs are pulled tested and complete documentation is available with each tong.



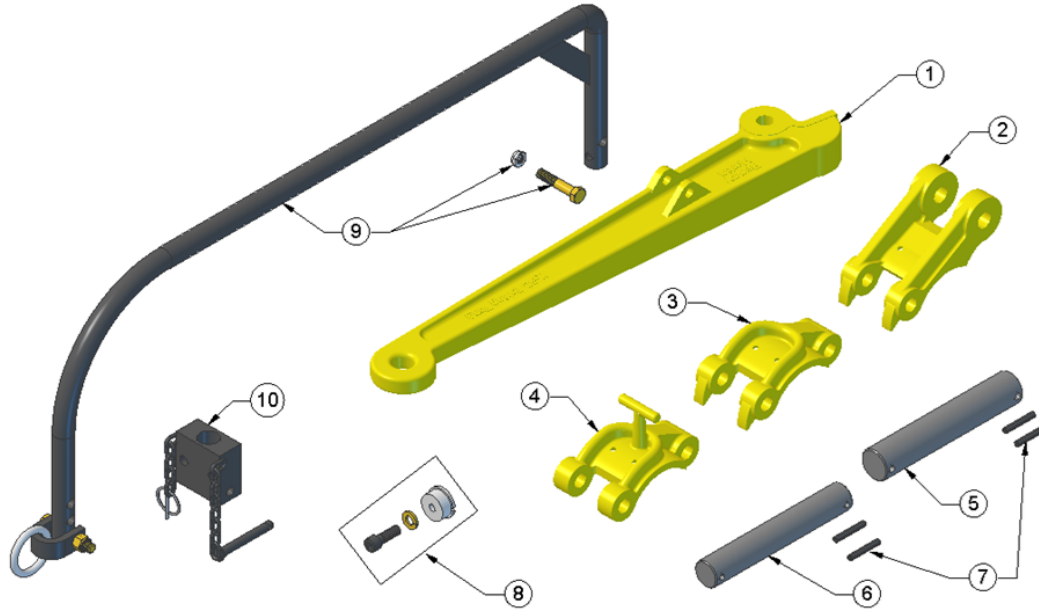
PART NO.	DESCRIPTION	RANGE	RATING	WT.
06-101	K-30 TONG ASSEMBLY COMPLETE LESS HANGER AND DIES	1 1/2 – 4 1/8	5,000 FT. LBS	48
06-102	K-30 TONG ASSEMBLY COMPLETE LESS DIES W/ STANDARD HANGER	1 1/2 – 4 1/8	5,000 FT. LBS	61
06-103	K-30 TONG ASSEMBLY COMPLETE LESS DIES W/ ROLLOVER HANGER	1 1/2 – 4 1/8	5,000 FT. LBS	64
06-501	K-50 TONG ASSEMBLY COMPLETE LESS HANGER AND DIES	2 3/8 – 5 1/2	7,500 FT. LBS	60
06-502	K-50 TONG ASSEMBLY COMPLETE LESS DIES W/ STANDARD HANGER	2 3/8 – 5 1/2	7,500 FT. LBS	75
06-503	K-50 TONG ASSEMBLY COMPLETE LESS DIES W/ ROLLOVER HANGER	2 3/8 – 5 1/2	7,500 FT. LBS	77



REPLACEMENT PARTS FOR K-30 TUBING TONG

PART NO#	ITEM#	DESCRIPTION	#REQ.	*SPARES	WT.
06-104	1	TONG LEVER	1		24.00
06-105	2	LEVER JAW	1		8.00
06-106	3	CENTER JAW	1		5.50
06-107	4	LATCH JAW	1		5.75
06-509	5	TONG LEVER PIN	1	1	.75
06-109	6	TONG HEAD PIN	3	3	.50
06-157	7	RETAINER PINS	8	8	.03
06-110	8	TONG DIE BUSHING W/ SCREW	6	24	.10
06-113	9	TONG HANGER W/ HANGER SCREW & NUT	1		13.00
06-114	10	ROLLOVER BLOCK	1		2.50

RMET K-30 & K-50 TUBING TONG REPLACEMENT PARTS



REPLACEMENT PARTS FOR K-50 TUBING TONG

PART NO#	ITEM#	DESCRIPTION	#REQ.	*SPARES	WT.
06-504	1	TONG LEVER	1		24.00
06-505	2	LEVER JAW	1		8.00
06-506	3	CENTER JAW	1		5.50
06-507	4	LATCH JAW	1		5.75
06-508	5	TONG LEVER PIN	1	1	.75
06-509	6	TONG HEAD PIN	3	3	.50
06-516	7	RETAINER PINS	8	8	.03
06-510	8	TONG DIE BUSHING W/ SCREW	6	24	.10
06-113	9	TONG HANGER W/ HANGER SCREW & NUT	1		13.00
06-114	10	ROLLOVER BLOCK	1		2.50

REPLACEMENT PARTS FOR K-50HT & K-70 TUBING TONG

PART NO#	ITEM#	DESCRIPTION	#REQ.	*SPARES	WT.
06-708	5	TONG LEVER PIN	1	1	.75
06-508	6	TONG HEAD PIN	3	3	.50
06-516	7	RETAINER PINS	8	8	.03
06-510	8	TONG DIE BUSHING W/ SCREW	6	24	.10
06-113	9	TONG HANGER W/ HANGER SCREW & NUT	1		13.00
06-114	10	ROLLOVER BLOCK	1		2.50

Quality Delivered.

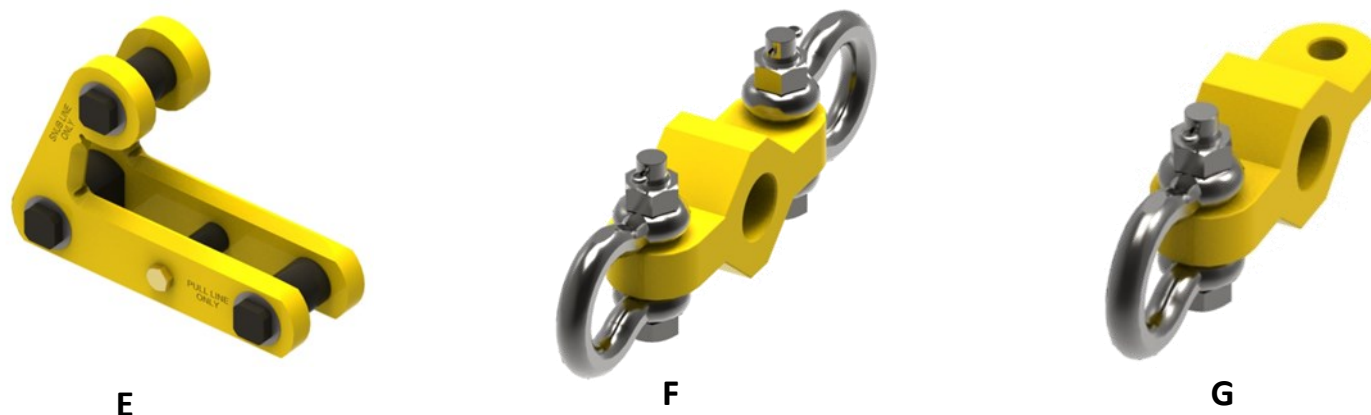
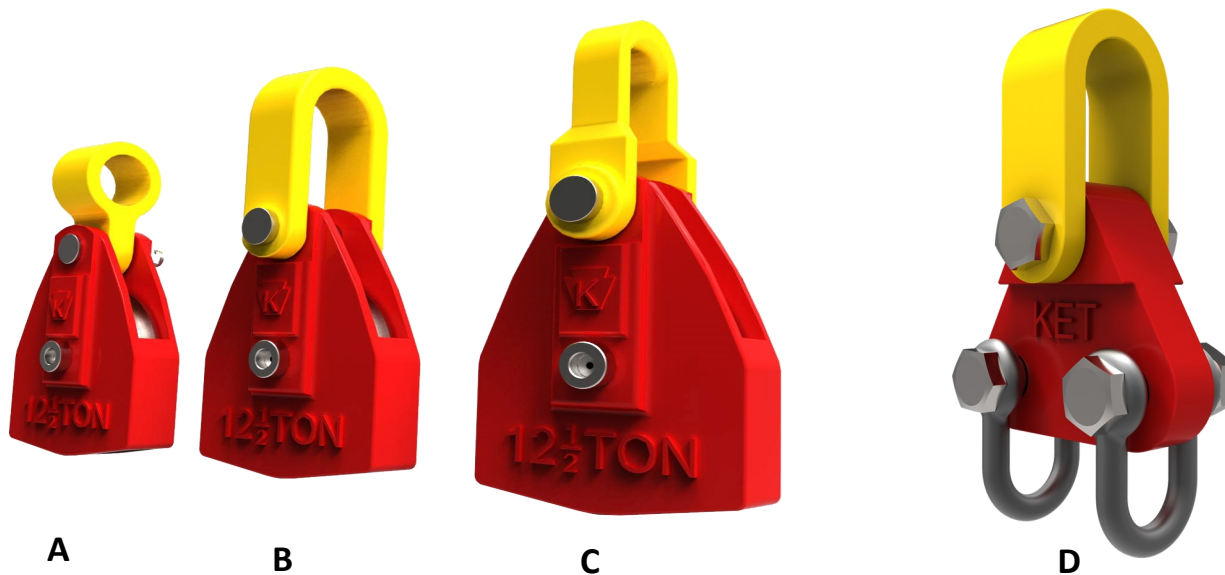
DIES FOR TUBING TONGS

PART NO.	DESCRIPTION	# SET	WT.
04-119	K-20 - 3/4" (1.050")	3	1.13
04-120	K-20 - 1" (1.315")	3	1.07
04-121	K-20 - 1-1/4" (1.660")	3	.94
04-122	K-20 - 1-1/2" (1.900")	3	.75
04-123	K-20 - 2-1/16"	3	.63
04-124	K-20 - 2-3/8"	3	.41
05-119	K-25 - 3/4" (1.050")	3	1.75
05-120	K-25 - 1" (1.315")	3	1.63
05-121	K-25 - 1-1/4" (1.660")	3	1.50
05-122	K-25 - 1-1/2" (1.900")	3	1.32
05-123	K-25 - 2-1/16"	3	1.30
05-124	K-25 - 2-3/8"	3	1.25
05-125	K-25 - 2-1/2"	3	.95
05-126	K-25 - 2.697"	3	.63
05-127	K-25 - 2.776"	3	.55
05-128	K-25 - 2-7/8"	3	.58
06-133	K-30 - 1-1/4" (1.660")	3	5.00
06-134	K-30 - 1-1/2" (1.900")	3	4.60
06-119	K-30 - 2-1/16"	3	4.10
06-120	K-30 - 2-3/8"	3	3.80
06-121	K-30 - 2-7/8"	3	3.10
06-135	K-30 - 3"	3	3.00
06-122	K-30 - 3-1/16"	3	2.80
06-123	K-30 - 3-1/8"	3	2.75
06-124	K-30 - 3-1/4"	3	2.50
06-130	K-30 - 3-3/8"	3	2.40
06-125	K-30 - 3-1/2"	3	2.10
06-126	K-30 - 3.668"	3	1.70
06-127	K-30 - 3-3/4"	3	1.50
06-131	K-30 - 3-7/8"	3	1.40
06-573	K-50 & K-50HT - 2 3/8"	3	7.50
06-575	K-50 & K-50HT - 2-7/8"	3	6.33
06-576	K-50 & K-50HT - 3-1/2"	3	5.33
06-577	K-50 & K-50HT - 3-3/4"	3	4.74
06-578	K-50 & K-50HT - 4"	3	4.15
06-579	K-50 & K-50HT - 4-1/8"	3	4.05
06-580	K-50 & K-50HT - 4-1/2"	3	3.50
06-581	K-50 & K-50HT - 4-3/4"	3	2.92
06-582	K-50 & K-50HT - 5"	3	2.33
06-773	K-70 - 2 7/8"	3	14.50
06-758	K-70 - 3 1/2"	3	13.25
06-757	K-70 - 4"	3	12.00
06-756	K-70 - 4 1/2"	3	10.50
06-755	K-70 - 4 3/4"	3	10.25
06-754	K-70 - 5"	3	9.50
06-753	K-70 - 5 1/2"	3	8.00
06-759	K-70 - 5 3/4"	3	7.25
06-752	K-70 - 6"	3	6.25
06-751	K-70 - 6 5/8"	3	4.75

Quality Delivered.

KET TONG LINE BLOCKS

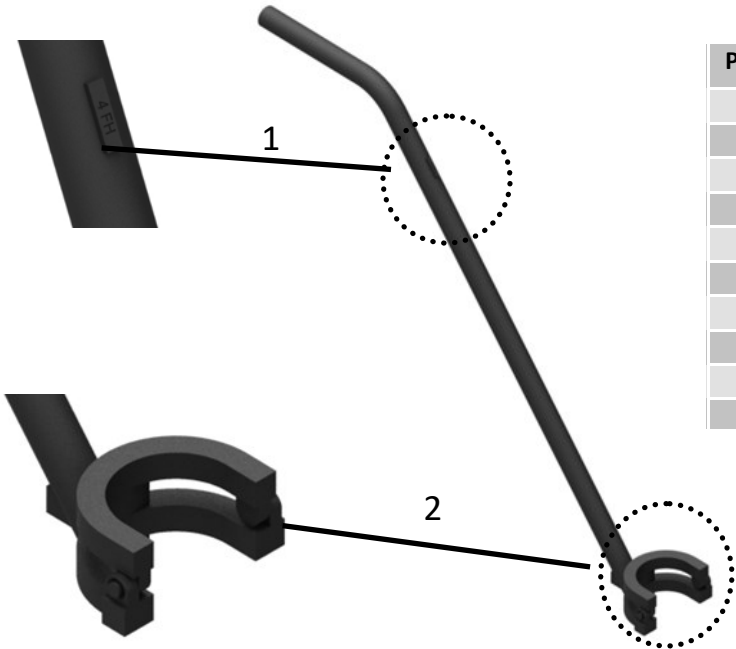
The KET 12.5-ton Tong Block is designed to fit the line attachment of the tong and to provide a mechanical advantage of 2:1 when making or breaking out connections. The sheave is grooved for 1/2" through 7/8" wire line and incorporates a sleeve-type grease-able bearing for longevity.



PART NO.		DESCRIPTION	WT.
16500	A	TONG BLOCK ASSEMBLY W/BJ B & C ADAPTER	20.00
16700	B	TONG BLOCK ASSEMBLY W/BJ DB & SDD ADAPTER	25.50
16600	C	TONG BLOCK ASSEMBLY W/WW AAX & ST-60 ADAPTER	23.00
70616	D	TRIANGLE TONG BLOCK ASSEMBLY W/DB/SDD ADAPTER	27.00
24529-TLB	E	KET TYPE DB/SDD TONG LINE BLOCK ASSEMBLY(HT-65/HT-100)	42.00
9574-TLB	F	TYPE "B" TONG LINE BLOCK ASSEMBLY	28.50
9574-TLB-01	G	TYPE "B" TONG LINE BLOCK ASSEMBLY FOR USE WITH SHEAVE	20.75

RMET PIPE JACKS AND ROLLERS

PIPE JACKS

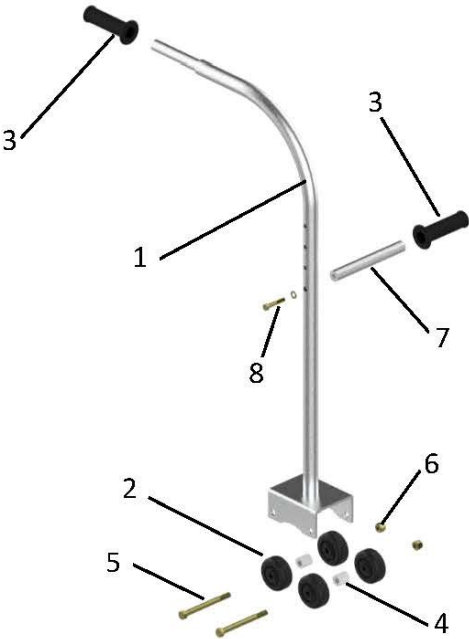


PART NO.	DESCRIPTION	WT.
09-501	PIPE JACK FOR XT-39 CONNECTION	19.75
09-502	PIPE JACK FOR 4" FH CONNECTION	19.85
09-503	PIPE JACK FOR 4 1/2" IF CONNECTION	20.65
09-504	PIPE JACK FOR 3 1/2" IF CONNECTION	18.50
09-505	PIPE JACK FOR VX-39 CONNECTION	19.00
09-506	PIPE JACK FOR HT-38 CONNECTION	19.50
09-507	PIPE JACK FOR XTM-39 CONNECTION	20.00
09-508	PIPE JACK FOR XT-43 CONNECTION	19.70
09-509	PIPE JACK FOR 4 1/2" XH CONNECTION	20.30
SPECIAL SIZES AVAILABLE UPON REQUEST		

- 1) SIZE SPECIFICATON STAMP ON EACH PRODUCT
- 2) HEAVY DUTY HINGE DESIGN FOR STRONGER SUPPORT

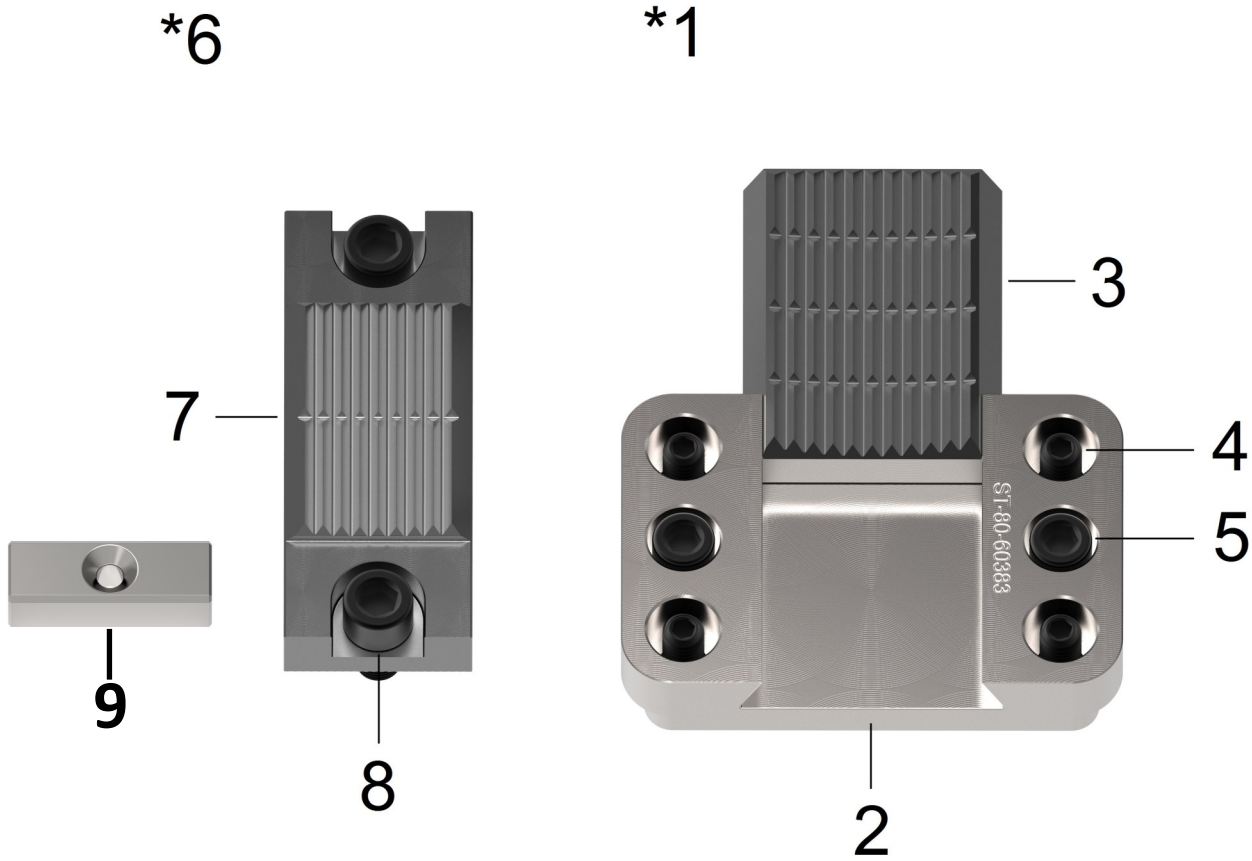
PIPE ROLLERS

PART NO.	DESCRIPTION	WT.
26-950	RMET PIPE ROLLER	6.50



PART NO.	ITEM	DESCRIPTION	#REQ	WT.
26-950-1	1	RMET PIPE ROLLER CARRIAGE	1	4.2
26-950-2	2	RMET PIPE ROLLER WHEEL	4	.23
26-950-3	3	RMET PIPE ROLLER HAND GRIP	2	.11
26-950-4	4	RMET PIPE ROLLER SPACER	2	.02
26-950-5	5	RMET PIPE ROLLER WHEEL PIN	2	.31
26-950-6	6	RMET PIPE ROLLER WHEEL PIN NUT	2	.04
26-950-7	7	RMET PIPE ROLLER HANDLE	1	.52
26-950-8	8	RMET PIPE ROLLER HANDLE NUT W/ LW	1	.08

RMET ST-80 IRONROUGHNECK DIES & DIE HOLDER



PART NO.	ITEM	DESCRIPTION	REF#	WT.
AST-80-LD-ASSY	*1	ST-80 DIE HOLDER ASSEMBLY WITH BOLTS	30172029	7.16
AST-80-HOL	2	ST-80 LOWER DIE HOLDER ONLY	30160383	7.16
AST-80-LD SET	3	ST-80 LOWER DIE EACH (NOTE :IT TAKES 2 PER SET)	30160382	2.19
AST-80-LD CSH	4	ST-80 LOWER DIE HOLDER CORNER SOCKET HEAD SCREW	50708-12-OC	.055
AST-80-LD MSH	5	ST-80 LOWER DIE HOLDER MIDDLE SOCKET HEAD SCREW	50108-14-C	.120
AST-80-UD-SET	*6	ST-80 UPPER DIE KIT W/ 2 DIES, BOTLS & SOCKETS	3017422	6.02
AST-80-UD	7	ST-80 UPPER DIE EACH (NOTE : IT TAKES 2 PER SET)	30160380-500	2.96
AST-U-B	8	ST-80 UPPER DIE BOLT ONLY	55109-8-C	.87
AST-80-1	9	ST-80 UPPER DIE KEY	30160379	0.27
81788		IRON ROUGHNECK DIE (NEW)		
AC01-01-03		MODEL 3080 IRON ROUGHNECK DIE		2.25

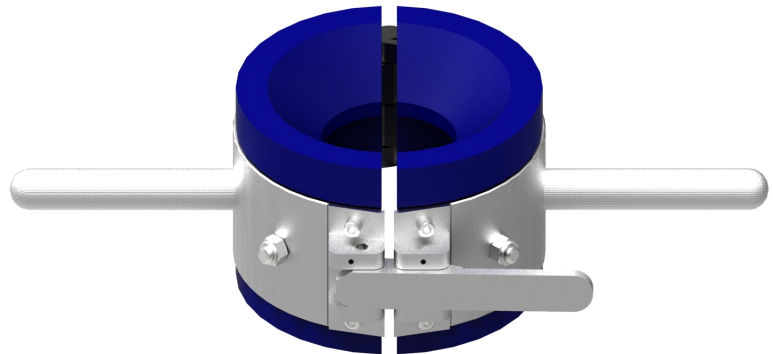
INTENTIONALLY LEFT BLANK

RMET HEAVY DUTY STABBING GUIDES

RMET Heavy-Duty Stabbing Guides help to reduce damages to connections while making up connections.

Features include

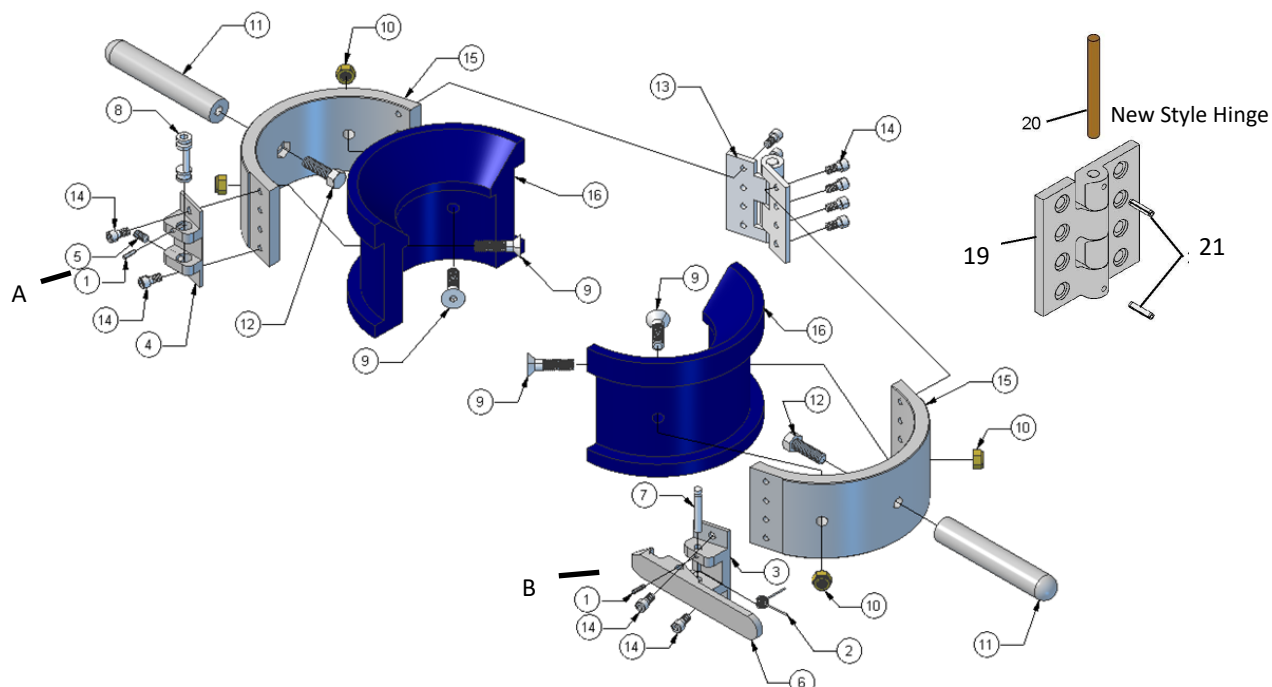
- ▶ Polyurethane Inserts
- ▶ Light weight Aluminum construction
- ▶ Corrosion Resistant Hardware
- ▶ Adjustable Latch Cam
- ▶ Range = 1" thru 8 1/2" Tool joint OD



STABBING GUIDES

PART NO.	INSERT ONLY/SET	DESCRIPTION	WEIGHT (LBS.) INSERT SET	WIEGHT(LBS) ASSEMBLY
02-502	02-521	1" CS	1.36	4.60
02-503	02-522	1-1/4" CS	1.22	4.45
02-504	02-523	1-1/2" CS	1.15	4.40
02-505	02-524	2-1/16" CS	.93	4.15
02-506	02-525	2 3/8" CS 4.70#	4.20	8.45
02-507	02-526	2 3/8" PH-6 5.95#	4.10	8.35
02-508	02-527	2 7/8" CS	3.75	7.95
02-509	02-528	2 7/8" PH-6 7.90#	3.60	7.80
02-510	02-529	2 7/8" PH-6 8.70#	3.55	7.80
02-512	02-531	2 7/8" 8RD 6.5#	3.45	7.70
02-514	02-533	3 1/2" CS 9.3# - 10.3#	3.06	7.30
02-515	02-534	3 1/2" PH-6 12.95#	2.70	6.95
02-517	02-536	3 1/2" IF f/ 4 3/4" TJ	2.18	6.45
02-517-2	02-536-2	3 1/2" IF f/ 4 7/8" TJ	2.06	6.30
02-517-1	02-536-1	4" Full Hole	1.60	5.85
02-5306	02-5356	XT-39 f/ 4 7/8" TJ	2.06	6.30
02-5308	02-5358	XT-39 f/ 4 15/16 TJ	2.03	6.25
02-5309	02-5359	XT-43 f/ 5 3/8" TJ	13.10	19.90
02-519	A02-538	4 1/2" PH-6 15.50#	1.70	5.95
02-517-4	02-536-1	4-1/2" FH F/5-1/4" TJ	10.00	18.00
02-543	02-539	4 1/2" XH	11.45	18.25
02-5310	02-5360	DRILL PIPE f/ 6 1/2" TJ	10.70	17.50
02-5311	02-5361	DRILL PIPE f/ 7" TJ	9.30	16.10
02-5312	02-5362	DRILL PIPE f/ 7 1/4" TJ	8.80	15.60
02-5313	02-5363	DRILL PIPE f/ 8 1/4" TJ	5.95	12.75
02-5314	02-5364	DRILL PIPE f/ 8 1/2" TJ	5.45	12.25
02-547	02-540	4 1/2" IF 6 5/8" TJ	10.55	17.35
02-545	02-541	5" PH-6 20.3#	11.70	18.50
02-546	02-542	5 1/2" PH-6 23#	10.80	17.60

RMET HEAVY DUTY STABBING GUIDES



REPLACEMENT PARTS FOR HEAVY DUTY STABBING GUIDES

PART NO.	ITEM #	DESCRIPTION	QTY	WIEGHT(LBS)
02-550	1	RETAINER PIN	2	.01
02-551	2	SPRING	1	.01
02-552	3	HINGE BLOCK	1	.10
02-552-1	B	HINGE BLOCK ASSEMBLY COMPLETE	1	.32
02-553	4	CATCH BLOCK	1	.10
02-553-1	A	CATCH BLOCK ASSEMBLY COMPLETE	1	.17
02-553-S	5	SET SCREW	1	.01
02-554	6	LATCH	1	.15
02-555	7	LATCH PIN	1	.02
02-556	8	LATCH CAM	1	.05
02-557-10	9	1-1/4" SCREW	4	.04
02-557-12	9	1-1/2" SCREW	4	.05
02-557-14	9	1-3/4" SCREW	4	.05
02-557-16	9	2" SCREW	4	.06
02-557-18	9	2-1/4" SCREW	4	.06
02-557-20	9	2-1/2" SCREW	4	.07
02-557-22	9	2-3/4" SCREW	4	.07
02-557-24	9	3" SCREW	4	.08
02-557-N	10	NUT	4	.02
02-558	11	HANDLE	2	.27
02-558-S	12	HANDLE SCREW	2	.05
02-559	13	HINGE	1	.40
02-559-H	19	HINGE HALF	2	.11
02-559-P	20	HINGE PIN	1	.04
02-559-S	14	HARDWARE SCREW	12	.01
02-550-1	21	HINGE PIN RETAINER	2	.01
02-560	15	4" RING	2	.83
02-561	15	6" RING	2	1.34
02-562	15	9-1/2" RING	2	2.00

RMET STANDARD RUBBER STABBING

RMET Standard Rubber Stabbing Guides help to reduce damages to connections while making up connections.

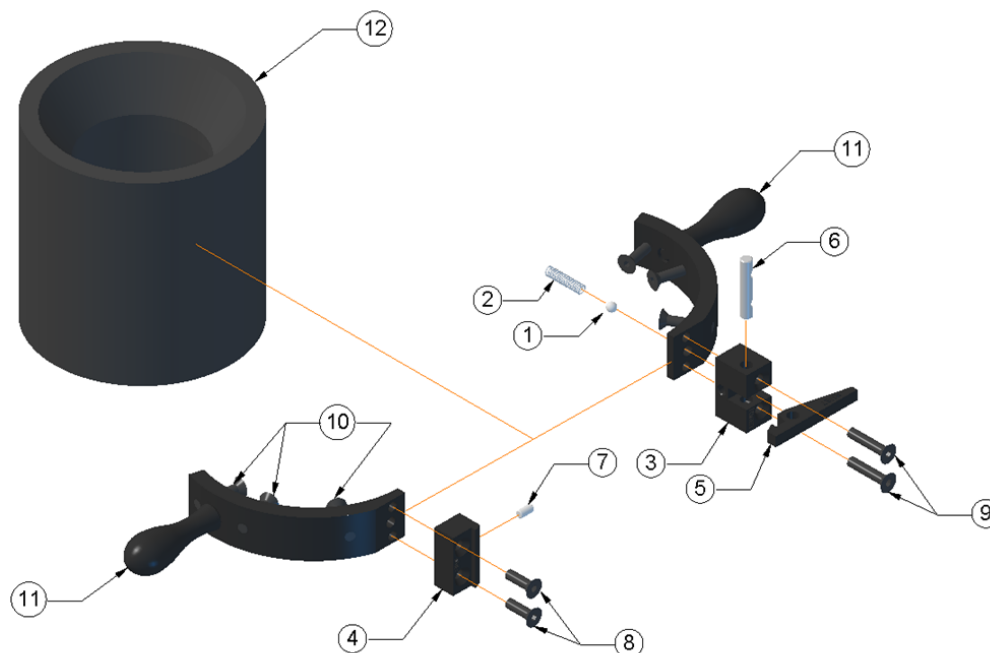
- ▶ Range = 3/4" thru 6-5/8" Tool joint OD



STABBING GUIDES

P/N COMPLETE	P/N RUBBER ONLY	DESCRIPTION	WT.
02-101	02-120	3/4" CS® STABBING GUIDE	5.00
02-102	02-121	1" CS® STABBING GUIDE	4.50
02-103	02-122	1 1/4" CS® STABBING GUIDE	5.50
02-104	02-123	1 1/2" CS® STABBING GUIDE	5.50
02-105	02-124	2 1/16" CS® STABBING GUIDE	6.50
02-106	02-125	2 3/8" CS® STABBING GUIDE	6.00
02-107	02-126	2 3/8" PH-6™ STABBING GUIDE	6.00
02-108	02-127	2 7/8" CS® STABBING GUIDE	7.00
02-109	02-128	2 7/8" PH-6™ 7.90# STABBING GUIDE	6.50
02-110	02-129	2 7/8" PH-6™ 8.70# STABBING GUIDE (SMALL BODY)	6.50
02-111	02-130	2 7/8" PH-6™ 8.70# STABBING GUIDE (LARGE BODY)	11.00
02-112	02-131	2 7/8" 8RD 6.50# STABBING GUIDE (SMALL BODY)	6.50
02-113	02-132	2 7/8" 8RD 6.50# STABBING GUIDE (LARGE BODY)	10.50
02-114	02-133	3 1/2" CS® 9.30# - 10.30# STABBING GUIDE	10.00
02-115	02-134	3 1/2" PH-6™ 12.95# STABBING GUIDE	9.50
02-117	02-136	3 1/2" IF STABBING GUIDE FOR 4 3/4" T.J.	12.00
02-117-3	02-357	3 1/2" IF STABBING GUIDE FOR 4 7/8" T.J.	12.00
02-117-1	02-136-1	4" F.H. STABBING GUIDE FOR 5 1/4" T.J.	12.00
02-306	02-356	XT-39 STABBING GUIDE FOR 4 7/8" T.J.	12.00
02-308	02-358	XT-39 STABBING GUIDE FOR 4 15/16" T.J.	12.00
02-309	02-359	XT-43 STABBING GUIDE FOR 5 3/8" T.J.	11.50
02-119	02-138	4 1/2" PH-6™ 15.50# STABBING GUIDE	11.50
02-143	02-139	4 1/2" XH STABBING GUIDE FOR 6 1/4" T.J.	14.50
02-144	02-148	4 1/2" IF STABBING GUIDE FOR 6 3/8" T.J.	14.25
02-145	02-141	5" PH-6™ 20.30# STABBING GUIDE	13.00
02-146	02-142	5 1/2" PH-6™ 23.00# STABBING GUIDE	13.00
02-147	02-140	4 1/2" IF STABBING GUIDE FOR 6 5/8" T.J.	14.00

RMET STANDARD RUBBER STABBING



REPLACEMENT PARTS FOR STANDARD RUBBER STABBING GUIDES

PART NO.	ITEM	DESCRIPTION	QTY	WT.
02-150	1	BEARING	1	.05
02-151	2	SPRING	1	.10
02-152	3	HINGE	1	.5
02-153	4	CATCH	1	.45
02-154	5	LATCH	1	.12
02-155	6	HINGE PIN	1	.13
02-156	7	GUIDE PIN	1	.05
02-157-9	8	CATCH SCREW	2	.09
02-157-13	9	HINGE SCREW	2	.11
02-157-10	10	1 1/4" CAP SCREW	4+	.13
02-157-12	10	1 1/2" CAP SCREW	4+	.15
02-157-14	10	1 3/4" CAP SCREW	4+	.55
02-175	11	3" RING ONLY	2	.75
02-176	11	3 3/4" RING ONLY	2	.85
02-177	11	4 7/16" RING ONLY	2	.95
02-178	11	5" RING ONLY	2	1.10
02-179	11	6 1/8" RING ONLY	2	1.25
02-181	11	7" RING ONLY	2	1.35
02-182	11	8" RING ONLY	2	1.45
02-183	11	9" RING ONLY	2	1.60
N/A	12	RUBBER ONLY (SEE TABLE, PAGE 5)	1	N/A

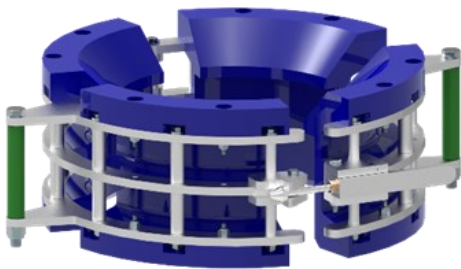
RMET HEAVY DUTY CASING STABBING

RMET Heavy-Duty Stabbing Guides help to reduce damages to connections while making up connections.

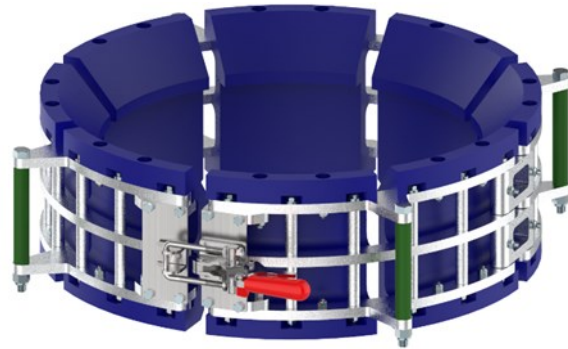
Features include

- ▶ Polyurethane Inserts
- ▶ Light weight Aluminum construction
- ▶ Corrosion Resistant Hardware
- ▶ Zinc Plated Steel hardware
- ▶ SS Latch (400 & 500 frames only)

Multiple size polyurethane inserts to fit your application



100, 200, & 300 FRAME (SINGLE HINGE DESIGN)

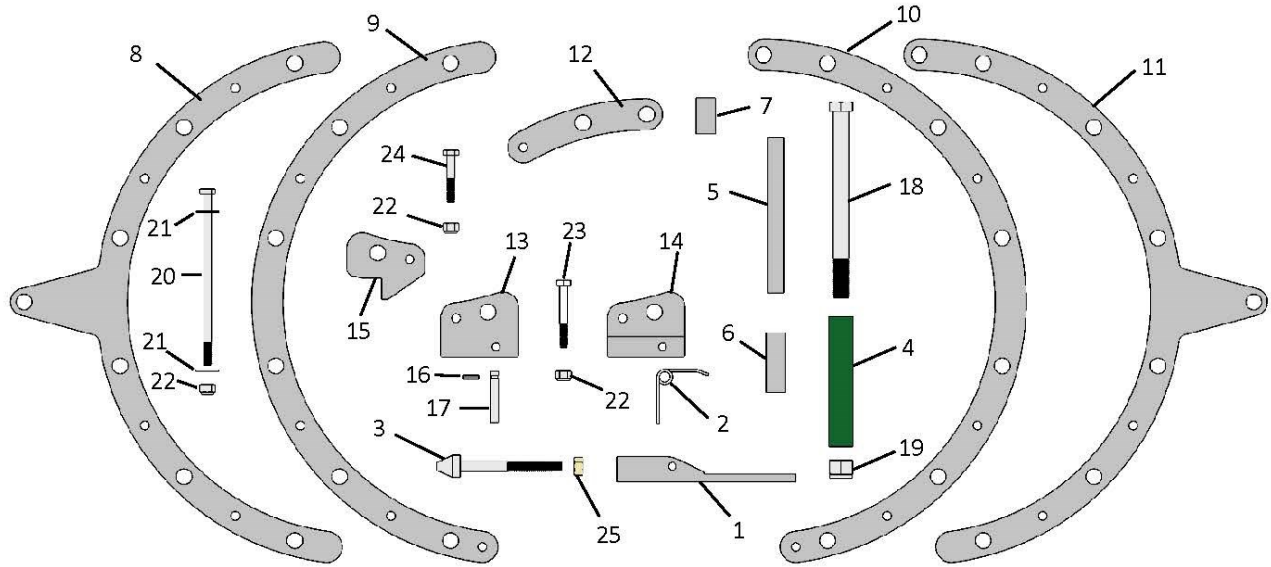


400 & 500 FRAME (DOUBLE HINGE DESIGN)

REPLACEMENT PARTS FOR CASING STABBING GUIDES

PART NO.	DESCRIPTION	MAX COUPLING OD	QTY
02C-P100	FRAME ASSEMBLY F/ 9 7/8" CASING STABBING GUIDE	10 3/4"	1
02C-P200	FRAME ASSEMBLY F/ 12 7/8" CASING STABBING GUIDE	13 3/4"	1
02C-P300	FRAME ASSEMBLY F/ 16" CASING STABBING GUIDE	16 7/8"	1
02C-P400	FRAME ASSEMBLY F/ 20" CASING STABBING GUIDE	21 3/8"	1
02C-P500	FRAME ASSEMBLY F/ 24 1/2" CASING STABBING GUIDE	25 3/8"	1
02C-XXXXXX-P	100 POLY INSERTS (PART NO VARIES DEPENDING ON SIZE OF CASING)		4
02C-XXXXXX-P	200 POLY INSERTS (PART NO VARIES DEPENDING ON SIZE OF CASING)		4
02C-XXXXXX-P	300 POLY INSERTS (PART NO VARIES DEPENDING ON SIZE OF CASING)		6
02C-XXXXXX-P	400 POLY INSERTS (PART NO VARIES DEPENDING ON SIZE OF CASING)		8
02C-XXXXXX-P	500 POLY INSERTS (PART NO VARIES DEPENDING ON SIZE OF CASING)		8

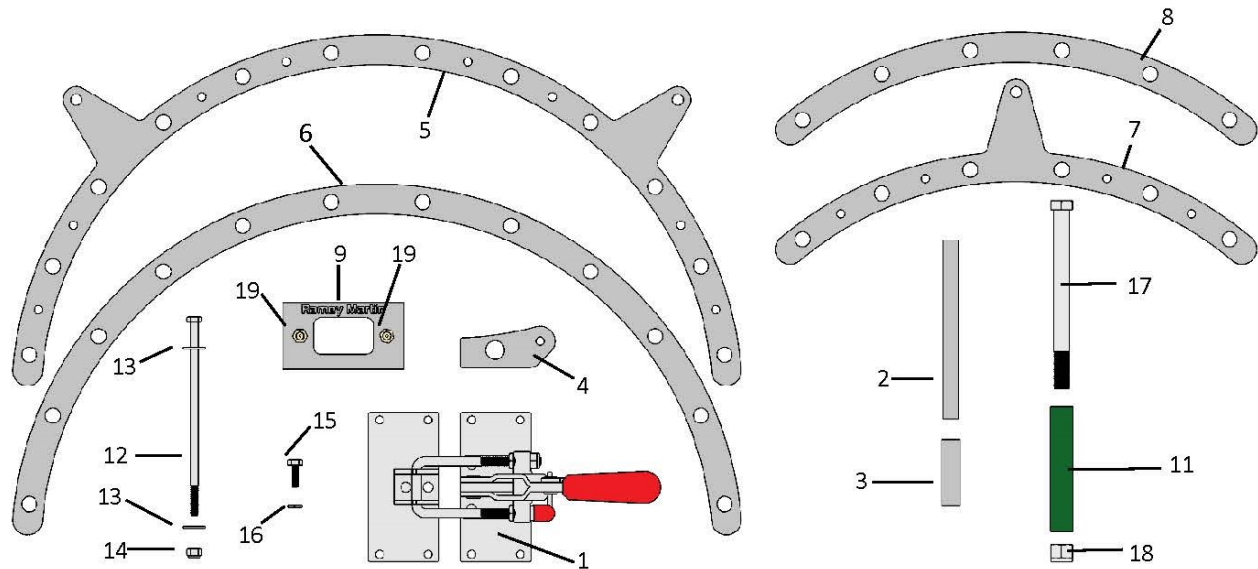
RMET HEAVY DUTY CASING STABBING GUIDE



REPLACEMENT PARTS FOR 100-300 FRAMES

ITEM	PART NO.	DESCRIPTION	QTY	WT.	NO.	KET#	DESCRIPTION	QTY	WT.
1	02C-P005	LATCH	1	.17	8	02C-P305	LEFT OUTER RING	2	1.08
2	02C-P006	LATCH SPRING	1	.01	9	02C-P310	LEFT INNER RING	1	.96
3	02C-P010	CATCH PIN	1	.12	10	02C-P315	RIGHT OUTER RING	2	1.12
4	02C-P017	HANDLE GRIP	2	.05	11	02C-P320	RIGHT INNER RING	1	.99
5	02C-P020	ALIGNMENT PIN	*	.07	12	02C-P325	HINGE	4	.13
6	02C-P025	INNER SPACER	*	.02	13	02C-P330	UPPER LATCH BLOCK	1	.21
7	02C-P030	HINGE SPACER	2	.01	14	02C-P331	LOWER LATCH BLOCK	1	.22
					15	02C-P335	CATCH	1	.12
8	02C-P105	LEFT OUTER RING	2	.78					
9	02C-P110	LEFT INNER RING	1	.64	16	02-550	RETAINER PIN	1	.00
10	02C-P115	RIGHT OUTER RING	2	.81	17	02-555	LATCH PIN	1	.02
11	02C-P120	RIGHT INNER RING	1	.67	18	50008-48-C5	HANDLE BOLT	2	.35
12	02C-P125	HINGE	4	.13	19	50208-C5	HANDLE NUT	2	.04
13	02C-P130	UPPER LATCH BLOCK	1	.22	20	50004-44-C5	ALIGNMENT BOLT	*	.08
14	02C-P131	LOWER LATCH BLOCK	1	.23	21	50804-R-C-5	FLAT WASHER	*	.01
15	02C-P135	CATCH	1	.08	22	50204-C5	NYLON LOCK NUT	*	.01
					23	50004-16-C5	LATCH BLOCK BOLT	1	.03
8	02C-P205	LEFT OUTER RING	2	.94	24	50004-12-C5	HINGE BOLT	1	.02
9	02C-P210	LEFT INNER RING	1	.81	25	N/A	5/16 HEX NUT	1	.01
10	02C-P215	RIGHT OUTER RING	2	.98					
11	02C-P220	RIGHT INNER RING	1	.84					
12	02C-P225	HINGE	4	.16					
13	02C-P230	UPPER LATCH BLOCK	1	.21					
14	02C-P231	LOWER LATCH BLOCK	1	.23					
15	02C-P235	CATCH	1	.12					

RMET HEAVY DUTY CASING STABBING GUIDE



REPLACEMENT PARTS FOR 400-500 FRAMES

ITEM	PART NO.	DESCRIPTION	QTY	WEIGHT
1	02C-P013	LATCH ASSEMBLY	1	2.41
2	02C-P021	ALIGNMENT PIN	24	.08.
3	02C-P026	RING SPACER	40	.02
4	02C-P401	LATCH MOUNTING TAB (400 FRAME)	4	.14
5	02C-P405	REAR OUTER RING (400 FRAME)	2	1.90
6	02C-P410	REAR INNER RING (400 FRAME)	1	1.62
7	02C-P415	FRONT OUTER RING (400 FRAME)	4	.92
8	02C-P420	FRONT INNER RING (400 FRAME)	2	.78
9	02C-P425	HINGE (400 FRAME)	4	.42
4	02C-P501	LATCH MOUNTING TAB (500 FRAME)	4	.17
5	02C-P505	REAR OUTER RING (500 FRAME)	2	2.21
6	02C-P510	REAR INNER RING (500 FRAME)	1	1.93
7	02C-P515	FRONT OUTER RING (500 FRAME)	4	1.07
8	02C-P520	FRONT INNER RING (500 FRAME)	2	.93
9	02C-P525	HINGE (500 FRAME)	4	.50
11	02C-P017	HANDLE GRIP	2	.05
12	50004-52-C5	ALIGNMENT BOLT	24	.09
13	50804-R-C-5	FLAT WASHER	48	.01
14	50204-C5	NYLON LOCK NUT	24	.01
15	50004-08-C5	LATCH PLATE BOLT	8	.01
16	50904-C5	LOCK WASHER	8	.00
17	50008-56-C5	HANDLE BOLT	2	.40
18	50208-C5	HANDLE NUT	2	.04
19	ZF-GZN-02-3	GREASE FITTING	2	.01

MISCELLANEOUS DIES AND INSERTS

PART NO.	DESCRIPTION	REF #	WT.
FC INSERTS FOR TYPE C (82.5 TON) / CHD (125 TON)			
34-205	3 1/2" X 3 1/2" INSERTS (SET OF 4)	TC-650-3 1/2"	9.00
34-206	3 1/2" X 2 7/8" INSERTS (SET OF 4)	TC-651-2 7/8"	14.00
34-207	3 1/2" X 2 3/8" INSERTS (SET OF 4)	TC-651-2 3/8"	17.00
34-228	3 1/2" X 2 1/16" INSERTS (SET OF 4)	TC-650-3 1/2"	18.50
34-229	3 1/2" X 1 1/2" (1.900") INSERTS (SET OF 4)	TC-651-3 1/2" x 1 1/2"	19.00
34-230	3 1/2" X 1 1/4" (1.660") INSERTS (SET OF 4)	TC-651-3 1/2" x 1 1/4"	19.50
34-231	3 1/2" X 1" (1.315") INSERTS (SET OF 4)	TC-651-3 1/2" x 1"	20.00
34-209	4 1/2" X 4 1/2" INSERTS (SET OF 4)	TC-650-4 1/2"	10.00
34-210	4 1/2" X 4" INSERTS (SET OF 4)	TC-651-4 1/2" x 4"	12.00
34-211	4 1/2" X 3 1/2" INSERTS (SET OF 4)	TC-651-4 1/2" x 3 1/2"	14.00
*AVAILABLE IN NON-DIRECTIONAL AND FINE TOOTH FOR CHROME. OTHER SIZES AVAILABLE IN FINE TOOTH UPON REQUEST			

FC INSERTS FOR TYPE E (175 TON)			
34-166	3 1/2" X 3 1/2" INSERTS (SET OF 4)	66651-3-ST	9.00
34-165	3 1/2" X 2 7/8" INSERTS (SET OF 4)	66651-2-ST	14.00
34-164	3 1/2" X 2 3/8" INSERTS (SET OF 4)	66651-1-ST	17.00
	5 1/2" X 4" INSERTS (SET OF 4)	66653-1-ST	33.00
	5 1/2" X 4 1/2" INSERTS (SET OF 4)	66653-2-ST	33.00
	5 1/2" X 5" INSERTS (SET OF 4)	66653-3-ST	17.00
	5 1/2" X 5 1/2" INSERTS (SET OF 4)	66654-4-ST	17.00
*AVAILABLE IN NON-DIRECTIONAL AND FINE TOOTH FOR CHROME. OTHER SIZES AVAILABLE IN FINE TOOTH UPON REQUEST			

COIL TUBING INSERTS			
29259-2	2 7/8" X 1.00" MYT/YT COIL TUBING INSERT		1.75
29259-3	2 7/8" X 1.25" MYT/YT COIL TUBING INSERT		1.70
29259-4	2 7/8" X 1.50" MYT/YT COIL TUBING INSERT		1.50
29259-5	2 7/8" X 1.75" MYT/YT COIL TUBING INSERT		1.38
29259-6	2 7/8" X 2.00" MYT/YT COIL TUBING INSERT		1.25
21-121	3 1/2" X 1.00 TS-100 COIL TUBING INSERT		2.60
21-120	3 1/2" X 1.25 TS-100 COIL TUBING INSERT		2.50
21-119	3 1/2" X 1.50 TS-100 COIL TUBING INSERT		2.40
21-117	3 1/2" X 1.75 TS-100 COIL TUBING INSERT		2.25
21-111	3 1/2" X 2" TS-100 COIL TUBING INSERT		2.05

POWER TONG DIES			
27494-1	2 3/8" X 2 3/8" POWER TONG DIE		1.06
27498-1	2 7/8" X 2 7/8" POWER TONG DIE		1.06
75-2327	2 7/8" X 2 3/8" POWER TONG REDUCER DIE		1.62
100-118	5 1/2" CONTOUR DIE FOR WEATHERFORD/LAMB POWER TONG		
100-120	7" CONTOUR DIE FOR WEATHERFORD/LAMB POWER TONG		
100-121	9 5/8" CONTOUR DIE FOR WEATHERFORD/LAMB POWER TONG		
100-122	13 3/8" FLAT DIE FOR WEATHERFORD/LAMB POWER TONG		

MISCELLANEOUS DIES AND INSERTS

DRILL PIPE TONG DIES

PART NO.	DESCRIPTION	WT.
6472	3/8" X 5/8" X 1 15/16" TONG DIE	.10
061624	3/8" X 1" X 2 1/2" TONG DIE	.21
6473	3/8" X 1" X 3 7/8" TONG DIE	.32
6473-BD	3/8" X 1" X 3 7/8" BLUE DIAMOND TONG DIE	.32
4316	3/8" X 1" X 4 1/4" TONG DIE	.35
4516	3/8" X 1" X 5 3/4" TONG DIE	.47
1614	3/8" X 1 1/4" X 3 7/8" TONG DIE	.39
062050	3/8" X 1 1/4" X 5" TONG DIE	.50
1612	7/16" X 1 1/4" X 3 7/8" TONG DIE	.46
1612-BD	7/16" X 1 1/4" X 3 7/8" BLUE DIAMOND TONG DIE	.46
082034	1/2" X 1 1/4" X 3 1/2" TONG DIE	.50
081637	1/2" X 1" X 3 7/8" TONG DIE	.50
24768-2	1/2" X 1 1/4" X 3 7/8" TONG DIE	.54
24768-6	1/2" X 1 1/4" X 3 7/8" BLUE DIAMOND TONG DIE	.54
16401-2	1/2" X 1 1/4" X 5" TONG DIE	.69
16401-6	1/2" X 1 1/4" X 5" BLUE DIAMOND TONG DIE	.69
16402-2	1/2" X 1 1/4" X 5 7/8" TONG DIE	.82
16402-6	1/2" X 1 1/4" X 5 7/8" BLUE DIAMOND TONG DIE	.82
16404-1	1/2" X 1 1/4" X 5 3/8" BLUE DIAMOND TONG DIE	
16-22	9/16" X 1 1/4" X 3 7/8" TONG DIE	.61
092050	9/16" X 1 1/4" X 5" TONG DIE	.78
102037	5/8" X 1 1/4" X 3 7/8" TONG DIE	.68
102050	5/8" X 1 1/4" X 5" TONG DIE	.87
102057	5/8" X 1 1/4" X 5 7/8" TONG DIE	1.02
112050	11/16" X 1 1/4" X 5" TONG DIE	.96
6416446	11/16" X 1 1/4" X 5 7/8" TONG DIE	1.13
122034	3/4" X 1 1/4" X 3 1/2" TONG DIE	.75
122037	3/4" X 1 1/4" X 3 7/8" TONG DIE	.81
122050	3/4" X 1 1/4" X 5" TONG DIE	1.05
122057	3/4" X 1 1/4" X 5 7/8" TONG DIE	1.23
132037	13/16" X 1 1/4" X 3 7/8" TONG DIE	.88
142037	7/8" X 1 1/4" X 3 7/8" TONG DIE	.95
142050	7/8" X 1 1/4" X 5" TONG DIE	1.23
142057	7/8" X 1 1/4" X 5 7/8" TONG DIE	1.45
162037	1" X 1 1/4" X 3 7/8" TONG DIE	1.25
162050	1" X 1 1/4" X 5" TONG DIE	1.61
162057	1" X 1 1/4" X 5 7/8" TONG DIE	1.80

KEY-GRIT INSERTS

DU STYLE INSERTS

PART NO.	DESCRIPTION	WT.
03-210-G1	4 1/2" X 4 1/2" DU "KEY GRIT" INSERT	.75
03-221-G1	4 1/2" X 4" DU "KEY GRIT" INSERT	1.00
03-223-G1	4 1/2" X 2 7/8" DU "KEY GRIT" INSERT	2.00
03-227-G1	4 1/2" X 3 1/2" DU "KEY GRIT" INSERT	1.50
03-228-G1	4 1/2" X 3 1/4" DU INSERT (KEY GRIT)	1.75
03-236-G1	4 1/2" X 2 3/8" DU "KEY GRIT" INSERT	2.25
03-240-G1	5 1/2" X 5 1/2" DU "KEY GRIT" INSERT	1.00
03-243-G1	5 1/2" X 5" DU "KEY GRIT" INSERT	1.50
03-249-G1	5 1/2" X 4 1/2" DU "KEY GRIT" INSERT	2.00
03-258-G1	5 1/2" X 4" DU "KEY GRIT" INSERT	2.25
03-264-G1	5 1/2" X 3 1/2" DU "KEY GRIT" INSERT	2.31
03-280-G1	7" X 7" DU "KEY GRIT" INSERT	1.25
03-287-G1	7" X 5 1/2" DU "KEY GRIT" INSERT	3.25
03-289-G1	7" X 4 1/2" DU "KEY GRIT" INSERT	4.00

SAFETY CLAMP INSERTS

PART NO.	DESCRIPTION	WT.
11-103-G1	TYPE "T" SAFETY CLAMP (GRIT FACE) INSERT W/COTTER	.60
12-103-G1	TYPE "C" SAFETY CLAMP (GRIT FACE) INSERT W/COTTER	.60

WOLLEY B INSERTS

PART NO.	DESCRIPTION	WT.
19-250-G1	4 1/2" X 4 1/2" WOOLLEY B "KEY GRIT" INSERT	.85
19-251-G1	4 1/2" X 4" WOOLLEY B "KEY GRIT" INSERT	1.20

TS-100 INSERTS

PART NO.	DESCRIPTION	WT.
21-101-G1	3 1/2" X 3 1/2" TS-100 "KEY GRIT" INSERT	1.25
21-104-G1	3 1/2" X 2 3/8" TS-100 "KEY GRIT" INSERT	1.75
21-107-G1	3 1/2" X 1 1/4 (1.660)" TS-100 "KEY GRIT" INSERT	2.50
21-124-G1	3 1/2" X 3.220" TS-100 (KEY GRIT) INSERT	1.30

SD INSERTS

PART NO.	DESCRIPTION	WT.
23-155-G1	3 1/2" X 3 1/2" SD "KEY GRIT" INSERT	.18
23-156-G1	3 1/2" X 2 7/8" SD "KEY GRIT" INSERT	.27
23-157-G1	3 1/2" X 2 3/8" SD "KEY GRIT" INSERT	.37
23-158-G1	4 1/2" X 4 1/2" SD "KEY GRIT" INSERT	.27
23-161-G1	5" X 5" SD "KEY GRIT" INSERT	.27

Quality Delivered.

KEY-GRIT INSERTS

FC INSERTS

PART NO.	DESCRIPTION	WT.
34-164-G1	3 1/2" X 2 3/8" TYPE E FC "KEY GRIT" INSERT (SET of 4)	17.00
34-165-G1	3 1/2" X 2 7/8" TYPE E FC "KEY GRIT" INSERT (SET of 4)	14.00
34-166-G1	3 1/2" X 3 1/2" TYPE E FC "KEY GRIT" INSERT (SET of 4)	9.00
34-205-G1	3 1/2" X 3 1/2" TYPE C FC "KEY GRIT" INSERT (SET of 4)	17.00
34-206-G1	3 1/2" X 2 7/8" TYPE C FC "KEY GRIT" INSERT (SET of 4)	14.00
34-207-G1	3 1/2" X 2 3/8" TYPE E FC "KEY GRIT" INSERT (SET of 4)	9.00

BASIC INSERTS

PART NO.	DESCRIPTION	WT.
16407-G1	5 1/2" - 7" BASIC "KEY GRIT" INSERT	.50
16408-G1	4 1/2" X 4 1/2" BASIC "KEY GRIT" INSERT	.50

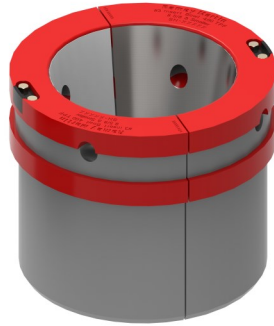
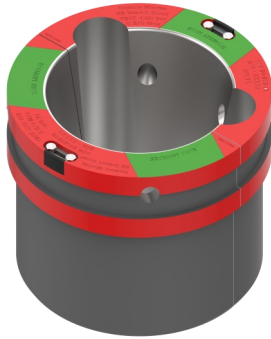
SLIP TYPE INSERTS

PART NO.	DESCRIPTION	WT.
24773-G1	2 7/8" X 2 7/8" MYT/YT "KEY GRIT" INSERT	.75
24774-G1	3 1/2" X 3 1/2" YT/HYT "KEY GRIT" INSERT	.50
24779-G1	4 1/2" X 3 1/2" YC/HYC "KEY GRIT" INSERT	1.00
24783-G1	5 1/2" X 5" YC/HYC "KEY GRIT" INSERT	.80
24785-G1	5 1/2" X 4 1/2" YC/HYC "KEY GRIT" INSERT	1.05
27695-G1	3 1/2" X 2 7/8" MYT/YT (KEY GRIT) INSERT	.75
29255-G1	2 7/8" X 2 3/8" MYT/YT "KEY GRIT" INSERT	1.00
29256-G1	2 7/8" X 2 1/16" MYT/YT "KEY GRIT" INSERT	1.13
29257-G1	2 7/8" X 1 1/2" (1.900") MYT/YT "KEY GRIT" INSERT	1.25
29258-G1	2 7/8" X 1 1/4" (1.660") MYT/YT "KEY GRIT" INSERT	1.38
29259-G1	2 7/8" X 1" (1.315") MYT/YT "KEY GRIT" INSERT	1.44
30358-23 G1	3 1/2" X 2 3/8" YT/HYT "KEY GRIT" INSERT	.85
30358-G1	3 1/2" X 2 7/8" YT/HYT "KEY GRIT" INSERT	.75

TONG DIE INSERTS

PART NO.	DESCRIPTION	WT.
07-2050-G1	7/16" X 1 1/4" X 5" "KEY GRIT" TONG DIE	.53
16401-G1	1/2" X 1 1/4" X 5" "KEY GRIT" TONG DIE	.69
76-51235-G1	9/16" x 1/4" x 5" KEY GRIT" TONG DIE	.78

RMET INSERT BOWLS AND ACCESSORIES

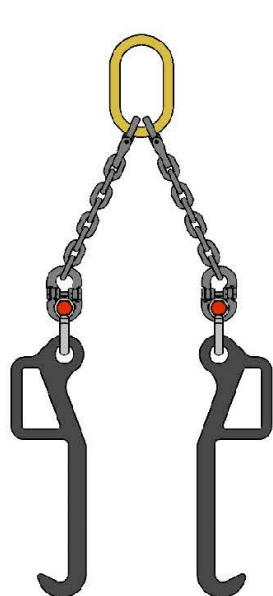


PART NO.	DESCRIPTION	REF.#	WT.
34-101	INSERT BOWL NO. 1 FOR 13 3/8" - 11 3/4" CASING (23" - 27 1/2" Master Bushings)	1903	315
34-301	INSERT BOWL NO. 1 FOR 13 3/8" - 11 3/4" CASING (37 1/2" - 49 1/2" Master Bushings)	6610	325
34-302 *	INSERT BOWL NO. 2 FOR 10 3/4" - 9 5/8" CASING (23" - 49 1/2" Master Bushings)	6609	705
34-303 *	INSERT BOWL NO. 3 FOR 8 5/8" & SMALLER CASING (23" - 49 1/2" Master Bushings)	6608	875
34-303-01	UMBILICAL BOAL		

* INCLUDES INSERTS 34-305-1 (23" - 27" MB) AND 34-305-3 (37 1/2" - 49 1/2" MB) WITH LOCKING TABS (34-305-4) AND BOLTS

ACCESSORIES

PART NO.	ITEM#	DESCRIPTION	REF.#	WT.
34-315	A	2 HOOK CHAIN LIFTING SLING (4,000 LBS CAPACITY)	1021	40
34-315-CAB	A	2 HOOK CABLE LIFTING SLING (4,000 LBS CAPACITY) - NOT PICTURED	1021-CAB	35
34-316	B	4 HOOK CHAIN LIFTING SLING (12,000 LBS CAPACITY)	6699	150
34-316-CAB	B	4 HOOK CABLE LIFTING SLING (12,000 LBS CAPACITY) - NOT PICTURED	6699-CAB	140



(Actual length of chain longer than shown)

A



(Actual length of chain longer than shown)

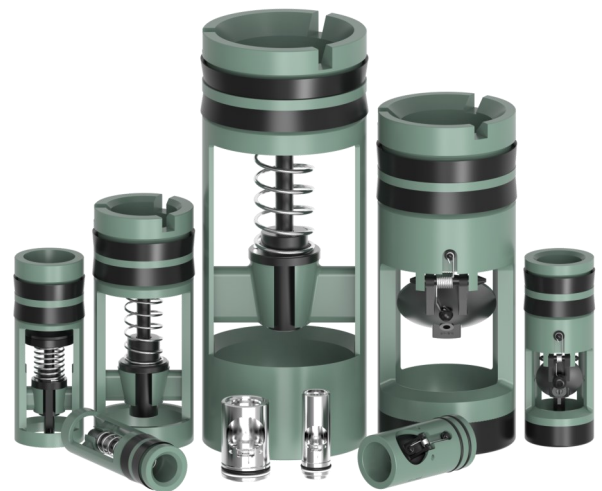
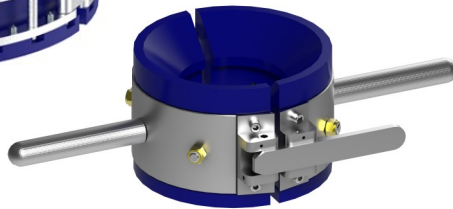
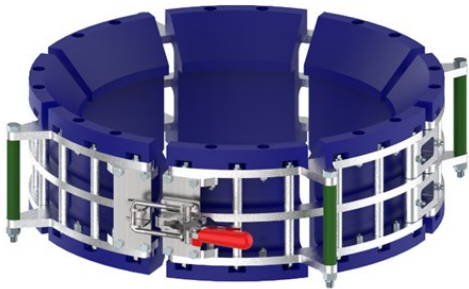
B



QUALITY DELIVERED

MADE IN AMERICA

CONTACT US TO LEARN ABOUT KRM PRODUCTS.



*Stainless steel cages available upon request.

CONTACT US AT EITHER OF OUR LOCATIONS

HOBBS, NM

Keystone Ramey Martin

516 E. Broadway St.

Hobbs, New Mexico 88240

Office: 1-575-964-8944

Sales Inquiries:

nmsales@krmsupply.com

HOUMA, LA

Keystone Ramey Martin

4794 Freedom Road

Houma, Louisiana 70360

Office: 1-985-346-6205

Sales Inquiries:

sales@krmsupply.com

LONGVIEW, TX

Keystone Ramey Martin

113 West Piler Precise Rd. Unit D

Longview, TX 75601

Office: 1-430-625-7122

Sales Inquiries:

txsales@krmsupply.com

www.krmsupply.com