



Product Category	Description
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BASKETS/SLINGS - CARRYING

- BASK1 TOOL BASKET - 4' X 4' GALVANIZED CERT. RATED SWL 6,800 LBS
- BASK2 TOOL BASKET - 4' X 6' GALVANIZED CERT. RATED SWL 8,950 LBS
- BASK3 TOOL BASKET - 4' X 8' GALVANIZED CERT. RATED SWL 11,200 LBS
- BASK6 ALUMINUM CARGO SHIPPING BOX FOR 2-BOP RAM BLOCKS (1-SET)
- SLING1 2-LEG (5-TONS) CERTIFIED LIFTING SLINGS W/ SHACKLES
- SLING2 4-LEG (8.8-TONS) CERTIFIED LIFTING SLINGS W/ SHACKLES

**Damaged Tool Baskets and Slings will be repaired and re-certified at customer's expense.

BLOW OUT PREVENTER RAMS

VARIABLE BORE RAMS - per set (2)

- VBR9 (CIW - OEM CERT) - 7 1/16" 3M/10M "U" RANGE (2 3/8" to 3 1/2")
- VBR10 (CIW - OEM CERT) - 7 1/16" 3M/10M "U" RANGE (2 7/8" to 4")
- VBR5 (CIW - OEM CERT) - 11" 3M/10M "U" RANGE (2 7/8" to 5")
- VBR4 (CIW - OEM CERT) - 11" 3M/10M "U" RANGE (3 1/2" to 5 1/2")
- VBR1 (T3 - OEM CERT) - 13 5/8" 3/5/10M M 6012 RANGE (2 7/8" to 5 1/2")
- VBR3 (CIW - OEM CERT) - 13 5/8" 3M/10M "U" RANGE (2 7/8" to 5")
- VBR2 (CIW - OEM CERT) - 13 5/8" 3M/10M "U" RANGE (3 1/2" to 5 1/2")
- VBR6 (CIW - OEM CERT) - 16 3/4" 3M/10M "U", "UII", "TL" RANGE (3 1/2" to 7")
- VBR7 (CIW - OEM CERT) - 18 3/4" 3M/10M "U", "UII", "TL" RANGE (3 1/2" to 7 5/8")
- VBR8 (CIW - OEM CERT) - 21 1/4" 3M/10M "U", "UII", "TL" RANGE (2 7/8" to 7 5/8")

FLEX BORE RAMS -per set (2)

- FPR5 (CIW - OEM CERT) - 7 1/16" 3M/10M "U" RANGE (2 3/8" to 2 7/8")
- FPR6 (CIW - OEM CERT) - 7 1/16" 3M/10M "U" RANGE (2 7/8" to 3 1/2")
- FPR4 (CIW - OEM CERT) - 11" 3M/10M "U" RANGE (2 3/8" to 3 1/2")
- FPR3 (CIW - OEM CERT) - 11" 3M/10M "U" RANGE (3 1/2" to 5")
- FPR2 (CIW - OEM CERT) - 13 5/8" 3M/10M "U" RANGE (2 3/8" to 3 1/2")
- FPR1 (CIW - OEM CERT) - 13 5/8" 3M/10M "U" RANGE (3 1/2" to 5")

STRAIGHT BORE PIPE RAMS - per set (2)

- PR1 (CIW - OEM CERT) - 13 5/8" 3M/10M "U" 5" OD PIPE
- PR2 (CIW - OEM CERT) - 13 5/8" 3M/10M "U" 3 1/2" OD PIPE
- PR3 (CIW - OEM CERT) - 11" 3M/10M "U" 5" OD PIPE
- PR4 (CIW - OEM CERT) - 11" 3M/10M "U" 3 1/2" OD PIPE
- PR5 (CIW - OEM CERT) - 13 5/8" 3M/10M "U" 4" OD PIPE

**Lifting eyes provided will be sold if not returned.

**All worn or damaged ram rubber goods will be sold to customer.

**All rubber goods are certified and are ORIGINAL EQUIPMENT MANUFACTURED products.

**Add 25% for H2S, Acid and Geothermal applications.



Product Category	Description
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BOLTS and NUTS (STANDARD B-7 ALLOY)

- BOLN **3/4" thru 1"**
- BOLN **1 1/8" thru 1 1/2"**
- BOLN **1 5/8" thru 2 1/2"**
- BOLN **COMBINATION (PER SET)**

**Add 100% for H2S service modified B-7.

**Add 100% for Stud & Nut Rental only.

**Damaged or lost studs & nuts will be charged to customer at current replacement cost.

CLAMPS (DRILL COLLAR SAFETY)

- CLAM **SAFETY CLAMP - PIPE LIFT (FLAT T-BAR / POOR BOY STYLE)**
- CLAM **TYPE "T" thru 10-SEGMENTS w/WRENCH**
- CLAM **TYPE "C" thru 10-SEGMENTS w/WRENCH**

**Wrenches not returned will be charged to customer at current replacement cost.

**Damaged or worn parts and inserts will be charged to customer.

DOUBLE STUDDED ADAPTERS

5,000 PSI WP

- DSA **7 1/16" & SMALLER**
- DSA **11" & SMALLER**
- DSA **13 5/8" & SMALLER**
- DSA **21 1/4" & SMALLER**

10,000 PSI WP

- DSA **2 1/16" & SMALLER**
- DSA **4 1/16" & SMALLER**
- DSA **7 1/16" & SMALLER**
- DSA **11" & SMALLER**
- DSA **13 5/8" & SMALLER**

10,000 PSI WP

- DSA **21 1/4" & SMALLER**

15,000 PSI WP

- DSA **2 1/16" & SMALLER**
- DSA **4 1/16" & SMALLER**
- DSA **7 1/16" & SMALLER**
- DSA **11" & SMALLER**
- DSA **13 5/8" & SMALLER**

**Damaged ring grooves will be repaired and charged to customer.

**Damaged or missing studs & nuts will be charged to customer at current replacement cost.



Product Category	Description
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DOWNHOLE TOOLS

BITS - TUNGSTEN INSERT CEMENT

DHTCB 6 3/4" OD & SMALLER

DHTCB 8 1/2" OD & SMALLER

BITS - VAREL WO ROLLER ROCK BIT

DHTRB 6 3/4" OD & SMALLER

DHTRB 8 1/2" OD & SMALLER

CASING SCRAPERS

DHTCS 5" OD & SMALLER

DHTCS 7 5/8" OD & SMALLER

DHTCS 10 3/4" OD & SMALLER

DHTCS 13 3/8" OD & SMALLER

**Inspection will be performed on all Down-hole tools after each job and charged to customer.

**Standby rate for Down-hole tools = One minimum charge per month.

DRIFTS - (RABBITS) TUBING & DRILL PIPE

STEEL

DRIFS 3" OD & SMALLER

DRIFS 4 1/2" OD & SMALLER

ALUMINUM

DRIFA 3" OD & SMALLER

DRIFA 4 1/2" OD & SMALLER

TEFLON

DRIFT ALL SIZES MACHINE BUILT PER REQUEST AND SOLD TO CUSTOMER

DRILL COLLARS - ROTARY

SPIRAL

<u>DCS</u>	2 7/8" OD	X	1" ID	W/	2 3/8" PAC CONN.
<u>DCS</u>	3 1/8" OD	X	1 1/2" ID	W/	2 7/8" PAC CONN.
<u>DCS</u>	3 1/8" OD	X	1 1/2" ID	W/	HT-PAC CONN.
<u>DCS</u>	3 3/8" OD	X	1 1/2" ID	W/	HT-26 CONN.
<u>DCS</u>	3 1/2" OD	X	1 3/4" ID	W/	NC26/2 3/8" IF CONN.
<u>DCS</u>	3 7/8" OD	X	2" ID	W/	SLH-90 CONN.
<u>DCS</u>	4 1/8" OD	X	2" ID	W/	NC31/2 7/8" IF CONN.
<u>DCS</u>	4 1/8" OD	X	2" ID	W/	HT-31 CONN.
<u>DCS</u>	4 3/4" OD	X	2 1/4" ID	W/	NC38/3 1/2" IF CONN.
<u>DCS</u>	4 3/4" OD	X	2 1/4" ID	W/	HT-38 CONN.
<u>DCS</u>	4 3/4" OD	X	2 1/4" ID	W/	XT-39 CONN.
<u>DCS</u>	5 1/4" OD	X	2 1/2" ID	W/	NC40/4" FH CONN.



Product Category	Description
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DRILL COLLARS - ROTARY (cont'd)

<u>DCS</u>	5 1/4" OD X 2 1/2" ID W/ HT-40 CONN.
<u>DCS</u>	6 1/2" OD X 2 13/16 ID W/ NC46/4 1/2" X-HOLE CONN.
<u>DCS</u>	7" OD X 2 13/16" ID W/ NC50/4 1/2" IF CONN.
<u>DCS</u>	7 1/4" OD X 2 13/16" ID W/ 5 1/2" API REG. CONN.

**Inspection will be performed after each job and charged to customer.

**Repairs (straightening, recutting and refacing connections) will be charged to customer. Excessive or abnormal eccentric wear will be charged to customer. Drill Collars will be sold to customer if damaged beyond repair or lost in hole.

**Customer requested third-party inspections and associated charges will be handled directly by customer.

**Abnormal cleaning of drill collars returned with hazardous waste, cement, oil base or dehydrated drilling mud will be cleaned and disposed of at customer's expense.

**Drill Collars returning with corrosive chemical contamination WILL BE TREATED IMMEDIATELY with a corrosion inhibitor at customer's expense. If additional cleaning of Drill Collars is required to remove scale, it will be performed at the customer's expense.

****NOTE: Improper use of drill collars may result in premature failure down-hole. Such failures are the sole responsibility of the customer.**

DRILL PIPE

ROTARY

<u>DP27S1</u>	2 7/8" OD 10.40#, <u>GRADE S-135 R2</u>, B/N w/ NC31/2 7/8" IF CONN. (4 1/8" OD X 2" ID TOOL JOINTS)
<u>DP35S1</u>	3 1/2" OD 13.30#, <u>GRADE S-135 R2</u>, B/N w/ NC38/3 1/2" IF CONN. (4 7/8" OD X 2 9/16" ID TOOL JOINTS)
<u>DP4S1</u>	4" OD 14.00#, <u>GRADE S-135 R2</u>, S/H w/ XT39 CONN. (4 7/8" OD X 2 11/16" ID TOOL JOINTS) HARDBANDED
<u>DP4S2</u>	4" OD 14.00#, <u>GRADE S-135 R2</u>, B/N w/ 4" FULL HOLE CONN. (5 1/4" OD X 2 11/16" ID TOOL JOINTS) HARDBANDED

**All prices listed are for PREMIUM CLASS DRILL PIPE as defined in the API RP-7G manual. For PREMIUM PLUS CLASS DRILL PIPE with 90% plus RBW add 20%.

**Prices are per/ft - per/day, with a minimum of 5-days rental and a minimum of 1,000'. For PIPE rentals of 4-Joints or less, PUP JOINT PRICES will be used for each jt.

**DS-1, CAT-5 plus Inspection is applied after each rental job and charged to customer.

**Repairs (straightening, recutting and refacing connections) will be charged to customer. Excessive or abnormal eccentric wear, including re-hardbanding will be charged to customer. Drill Pipe will be sold to customer if damaged beyond repair or lost in hole.

**Customer requested third-party inspections and associated charges will be handled directly by customer.

**Abnormal cleaning of drill pipe returned with hazardous waste, cement, oil base or dehydrated drilling mud will be cleaned and disposed of at customer's expense.

**Drill Pipe returning with corrosive chemical contamination, WILL BE TREATED IMMEDIATELY with a corrosion inhibitor at customer's expense. If additional cleaning of Drill Pipe is required to remove scale, it will be performed at customer's expense.

****WARNING: Rotating Drill Pipe in compression or other improper use of drill pipe may result in premature failure down-hole. Tensile values are significantly reduced, with applied torque in the drill string. NOTE: Improper use may result in down-hole failures. Such failures are the sole responsibility of the customer.**

HEAVY WEIGHT DRILL PIPE (STANDARD/CONVENTIONAL) TYPE

<u>DPHWC</u>	3 1/2" OD X 2 1/4" ID - R2, (B/N) (SII BRAND) w/ NC38/3 1/2" IF CONN. (4 7/8" OD X 2 3/8" ID TOOL JOINTS) HARDBANDED
<u>DPHWC</u>	4" OD X 2 9/16" ID - R2, (S/H) (GP BRAND) w/ 4" XT39 CONN. (4 7/8" OD X 2 9/16" ID TOOL JOINTS) HARDBANDED
<u>DPHWC</u>	4 1/2" OD X 2 3/4" ID - R2, (B/N) (SII BRAND) w NC46/4 1/2" XH CONN. (6 1/4" OD X 2 7/8" ID TOOL JOINTS) HARDBANDED



Product Category	Description
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DRILL PIPE (cont'd)

**DPHWC 5" OD X 3" ID - R2, (B/N) (SII BRAND) w/ NC50/4 1/2" IF CONN.
(6 5/8" OD X 3 1/16" ID TOOL JOINTS) HARDBANDED**

HEAVY WEIGHT DRILL PIPE (SPIRAL) TYPE

**DPHWS 3 1/2" OD X 2 1/4" ID - R2, (B/N) (SII BRAND) w/ NC38/3 1/2" IF CONN.
(4 7/8" OD X 2 3/8" ID TOOL JOINTS) HARDBANDED**

**DPHWS 4" OD X 2 9/16" ID - R2, (S/H) (GP BRAND) w/ 4" XT39 CONN.
(4 7/8" OD X 2 9/16" ID TOOL JOINTS) HARDBANDED**

**DPHWS 4 1/2" OD X 2 3/4" ID - R2, (B/N) (SII BRAND) w NC46/4 1/2" XH CONN.
(6 1/4" OD X 2 7/8" ID TOOL JOINTS) HARDBANDED**

**DPHWS 5" OD X 3" ID - R2, (B/N) (SII BRAND) w/ NC50/4 1/2" IF CONN.
(6 5/8" OD X 3 1/16" ID TOOL JOINTS) HARDBANDED**

****DS-1, CAT-5 plus Inspection is applied after each rental job and charged to customer.**

****Repairs (straightening, recutting and refacing connections) will be charged to customer. Excessive or abnormal eccentric wear, including re-hardbanding will be charged to customer. Drill Pipe will be sold to customer if damaged beyond repair or lost in hole.**

****Customer requested third-party inspections and associated charges will be handled directly by customer.**

****Abnormal cleaning of drill pipe returned with hazardous waste, cement, oil base or dehydrated drilling mud will be cleaned and disposed of at customer's expense.**

****Drill Pipe returning with corrosive chemical contamination, WILL BE TREATED IMMEDIATELY with a corrosion inhibitor at customer's expense. If additional cleaning of Drill Pipe is required to remove scale, it will be performed at customer's expense.**

****NOTE: Improper use of drill pipe may result in premature failure down-hole. Such failures are the sole responsibility of the customer.**

ELEVATORS

SLIP TYPE

STE9 LYT (20-TON) COMPLETE (3/4" - 2 1/16")

STE1 MYT (40-TON) COMPLETE (1" - 2 7/8")

STE2 YT (75-TON) COMPLETE (1" - 3 1/2")

STE3 HYT (150-TON) COMPLETE (2 3/8" - 3 1/2")

STE10 YC (75-TON) COMPLETE (3 1/2" - 7")

STE11 HYC (150-TON) COMPLETE (3 1/2" - 7 5/8")

STE4 SETTING RING ONLY (MYT, YT, HYT)

STE5 SLIP SEGMENTS 1-SET F/MYT

STE8 SLIP SEGMENTS 1-SET F/YT

STE6 SLIP SEGMENTS 1-SET F/HYT

SQUARE SHOULDER TYPE

SSE TA (100-TON) COMPLETE (2 3/8" - 2 7/8")

SSE MAA (175-TON) COMPLETE (2 3/8" - 3 1/2")

SSE MA (250-TON) COMPLETE (2 3/8" - 3 1/2")

SINGLE JOINT TYPE

SJE AOT/KET (5-TON) thru 4" COMPLETE w/ (4.4 TON) 2-LEG SUSPENSION SLINGS & SHACKLES



Product Category	Description
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ELEVATORS (cont'd)

BOTTLENECK TYPE - 18 deg. MAN. (conv. & bushing style)

- BNE **RG (150-TON) COMPLETE (2 3/8" - 3 1/2")**
- BNE **MGG (250-TON) COMPLETE (2 7/8" - 3 1/2")**
- BNE **MGG (250-TON) COMPLETE (4" S/H SPECIAL BORE))**
- BNE **MGG (250-TON) COMPLETE (4 1/2" - 5")**
- BUSH **MGG BUSHING INSERTS 1-SET (5" & SMALLER) (if rented separate)**

BECKET & BAILS

- BECB1 **BECKET AND BAILS**
- BECB2 **BECKET or BAILS (150 TON) if rented separate** each

**Used inserts are sold. Parts and repairs will be charged to customer.

**Critical area Black-Light or Dry-Magnetic Particle Inspection will be performed after each job and charged to customer.

GAUGES

MUD PRESSURE 5,000#-20,000#

TORQUE INDICATOR - DRILL PIPE & TUBING (0 to 5,000# & 0 to 20,000#)

* *Plus recalibration & repairs.*

JACKS - DRILL PIPE

- JACK **2 3/8" - 4"**
- JACK **4 1/2" - 5"**

**Plus repairs.

KELLYS

- KELLY1 **KELLY - SQUARE - 3 1/2" X 40' W/6 5/8" LH BOX W/3 1/2" IF PIN**
- KELLY2 **KELLY - HEX - 3 1/2" X 40' W/6 5/8" LH BOX W/3 1/2" IF PIN**
- KELLY3 **KELLY - HEX - 4 1/4" X 40' W/6 5/8" LH BOX W/3 1/2" IF PIN**

KELLYDRIVE BUSHINGS - COMPLETE ASSEMBLIES

- KBUSH1 **KELLY - DRIVE BUSHINGS - 27 1/2" VARCO "HD"**
- KBUSH2 **KELLY - DRIVE BUSHINGS - 27 1/2" BAASH ROSS "4KRP"**
- KBUSH3 **KELLY - DRIVE BUSHINGS - ROLLERS ONLY**
- KBUSH4 **KELLY - DRIVE BUSHINGS - HOUSINGS ONLY**

LIFT NIPPLES - Drill Collar (B/N & S/S)

- LIFT **3 1/2" & SMALLER CONN.**
- LIFT **4 1/2" & SMALLER CONN.**
- LIFT **5 1/2" & SMALLER CONN.**

**Add 25% for Non-API Rotary Conn.

**Inspection will be performed after each job and charged to customer.



Product Category	Description
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LIFT - PLUGS

TUBING or DRILL PIPE

3 1/2" & SMALLER CONN.

4 1/2" & SMALLER CONN.

**Add 25% for Non-API Rotary Conn. (Hyd, HT, XT)

**Inspection will be performed after each job and charged to customer.

MAGNET

MAG1 **DITCH MAGNET - 24" LG HD COMPLETE ASSY**

MULE - SHOE (TUBING & DRILL PIPE)

MST1 **MULE-SHOE (TUBING)**

MSDP1 **MULE-SHOE (DRILL PIPE)**

MSCUST **MULE-SHOE (CUSTOM SPECS)**

PROTECTORS-LAY DOWN

PROT **4 1/2" & SMALLER CONN.**

PUP JOINTS

TUBING (Grades N-80, L-80, P-110, S135, T95, Q125)

PUP **2 7/8" & SMALLER CONN. 2' TO 15' LENGTH**

PUP **3 1/2" & SMALLER CONN. 2' TO 15' LENGTH**

PUP **4 1/2" & SMALLER CONN. 2' TO 15' LENGTH**

**Add 25% for Hyd Conn.

**Add 50% for S-135, T-95, Q-125 grades.

DRILL PIPE (Grade S-135)

PUP **2 7/8" & SMALLER CONN. 5' TO 15' LENGTH**

PUP **3 1/2" & SMALLER CONN. 5' TO 15' LENGTH**

PUP **4 1/2" & SMALLER CONN. 5' TO 15' LENGTH**

**Add 25% for HT & XT Non-API Rotary Conn.

ROTARY SLIPS

DRILL PIPE & TUBING

4 1/2" OD & SMALLER

5 1/2" OD & SMALLER

7" OD & SMALLER



Product Category	Description
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ROTARY SLIPS (cont'd)

DRILL COLLARS

5 3/4" OD & SMALLER

7 1/4" OD & SMALLER

**Used inserts are sold. Parts and repairs will be charged to customer.

**Critical area Black-Light or Dry-Magnetic Particle Inspection will be performed after each job and charged to customer.

SPIDERS (Bowl & Slips)

TUBING - DRILL PIPE - DRILL COLLARS

SPI **AOT (100-TON) 4 1/2" BOWL & SLIPS COMPLETE**

SPI **BOWL ONLY**

SPI **SLIPS ONLY**

SPI **AOT (100-TON) 8 5/8" API BOWL COMPLETE ASSEMBLY**

**All slips are dressed to size with new inserts before each job. All inserts will be charged to customer.

**Parts and repairs will be charged to customer.

**Critical area Black-Light or Dry-Magnetic Particle Inspection will be performed after each job and charged to customer.

SPOOLS

ADAPTER & DRILLING (Standard Height Under 3')

5,000 PSI WP

ADSP **7 1/16" & SMALLER**

ADSP **11" & SMALLER**

ADSP **13 5/8" & SMALLER**

ADSP **21 1/4" & SMALLER**

10,000 PSI WP

ADSP **2 1/16" & SMALLER**

ADSP **4 1/16" & SMALLER**

ADSP **7 1/16" & SMALLER**

ADSP **11" & SMALLER**

ADSP **13 5/8" & SMALLER**

ADSP **21 1/4" & SMALLER**

15,000 PSI WP

ADSP **2 1/16" & SMALLER**

ADSP **4 1/16" & SMALLER**

ADSP **7 1/16" & SMALLER**

ADSP **11" & SMALLER**

**Damaged ring grooves will be repaired and charged to customer.



Product Category	Description
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SPOOLS

SPACER SPOOLS

5,000 PSI WP

SPSP **7 1/16"**

SPSP **TO 3'**

SPSP **TO 5'**

SPSP **TO 10'**

SPSP **11"**

SPSP **TO 3'**

SPSP **TO 5'**

SPSP **TO 10'**

SPSP **TO 15'**

SPSP **13 5/8"**

SPSP **TO 3'**

SPSP **TO 5'**

SPSP **TO 10'**

SPSP **TO 15'**

SPSP **TO 20'**

SPSP **21 1/4" & SMALLER**

10,000 PSI WP

SPSP **7 1/16"**

SPSP **TO 3'**

SPSP **TO 5'**

SPSP **TO 10'**

SPSP **11"**

SPSP **TO 3'**

SPSP **TO 5'**

SPSP **TO 10'**

SPSP **TO 15'**

SPSP **TO 20'**

SPSP **13 5/8"**

SPSP **TO 3'**

SPSP **TO 5'**

SPSP **TO 10'**

SPSP **TO 15'**

SPSP **TO 20'**

SPSP **21 1/4" & SMALLER**



Product Category	Description
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SPOOLS (cont'd)

15,000 PSI WP

- SPSP **7 1/16"**
- SPSP **TO 3'**
- SPSP **TO 5'**
- SPSP **TO 10'**

- SPSP **11"**
- SPSP **TO 3'**
- SPSP **TO 5'**
- SPSP **TO 10'**
- SPSP **TO 15'**
- SPSP **TO 20'**

**Damaged ring grooves will be repaired and charged to customer.

STABBING GUIDES

TUBING

- SG **3/4" thru 3 1/2"**

DRILL PIPE

- SG **2 3/8" thru 3 1/2"**
- SG **4" thru 5"**

**Damaged rubbers and parts will be charged to customer.

SUBS - ROTARY

BLEEDER SUBS W/ VALVE

- SUB **2 7/8" & SMALLER CONN.**
- SUB **4 1/2" & SMALLER CONN.**

- **Add 25% for Hydril type conn.
- **Add 50% for HT & XT Non-API Rotary Conn.
- **Inspection will be performed after each job and charged to customer.
- **Damaged connections will be repaired and charged to customer.

XO SUBS - (BOX x BOX) - (PIN x PIN) - (BOX x PIN)

- SUB **2 7/8" & SMALLER CONN.**
- SUB **3 1/2" & SMALLER CONN.**
- SUB **4 1/2" & SMALLER CONN.**
- SUB **6 5/8" & SMALLER CONN.**
- SUB **7 5/8" & SMALLER CONN.**

- **Add 25% for Hydril type conn.
- **Add 50% for HT & XT Non-API Rotary Conn.
- **Add 75% for subs required over 3' and under 5': For subs required over 5' POR.
- **Inspection will be performed after each job and charged to customer.
- **Damaged connections will be repaired and charged to customer.



Product Category	Description
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SUBS - ROTARY (cont'd)

XO SUBS - (BOX x BOX) - (PIN x PIN) - (BOX x PIN) W/ FLOAT BORE

SUB **2 7/8" & SMALLER CONN.**

SUB **3 1/2" & SMALLER CONN.**

SUB **4 1/2" & SMALLER CONN.**

SUB **6 5/8" & SMALLER CONN.**

SUB **7 5/8" & SMALLER CONN.**

- **Add 25% for Hydril type conn.
- **Add 50% for HT & XT Non-API Rotary Conn.
- **Add 75% for subs required over 3' and under 5': For subs required over 5' POR.
- **Inspection will be performed after each job and charged to customer.
- **Float valve assemblies are sold to customer.
- **Damaged connections will be repaired and charged to customer.

PUMP IN SUBS (BOX or PIN) W/ 1502 UNION

SUB **4 1/2" & SMALLER CONN.**

SUB **4 1/2" & SMALLER CONN. W/ INTEGRAL 1502 UNION HALF**

- **Add 25% for Hydril type conn.
- **Add 50% for HT & XT Non-API Rotary Conn.
- **Inspection will be performed after each job and charged to customer.
- **Damaged connections will be repaired and charged to customer.

PUMP IN SUBS (SIDE-OUTLET) W/ 1502 UNION

SUB **4 1/2" & SMALLER CONN.**

SUB **4 1/2" & SMALLER CONN. W/ INTEGRAL 1502 UNION HALF**

- **Add 25% for Hydril type conn.
- **Add 50% for HT & XT Non-API Rotary Conn.
- **Inspection will be performed after each job and charged to customer.
- **Damaged connections will be repaired and charged to customer.

KELLY SAVER SUBS W/ RUBBER

SUB **2 7/8" & SMALLER CONN.**

SUB **3 1/2" & SMALLER CONN.**

SUB **4 1/2" & SMALLER CONN.**

- **Inspection will be performed after each job and charged to customer.
- **Add 25% for Hydril type conn.
- **Add 50% for HT & XT Non-API Rotary Conn.
- **Damaged rubbers will be sold to customer.
- **Add 100% for subs required with BRASS wear pad, plus re-build charge after each job.
- **Damaged connections will be repaired and charged to customer.



Product Category	Description
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TONGS

ROTARY

<u>TONG</u>	TYPE "C" TONG W/ LUG JAW	each
<u>TONG</u>	TYPE "C" LUG JAW (EXTRA)	each
K20	K-20 ASSEMBLY COMPLETE	each
K25	K-25 ASSEMBLY COMPLETE	each
K30	K-30 ASSEMBLY COMPLETE	each
K50	K-50 ASSEMBLY COMPLETE	each

**All tongs are dressed to size with new dies before each job. All dies will be charged to customer.

**Parts and repairs will be charged to customer.

**Critical area Black-Light or Dry-Magnetic Particle Inspection will be performed after each job and charged to customer.

TUBING

PREMIUM CONNECTION (WORKSTRINGS)

TUB114	1 1/4" OD "CS TYPE", 3.02# P/F (1.927" OD x 1.184" DRIFT)
TUB1141	N-80
TUB1142	P-110
TUB112	1 1/2" OD "CS TYPE", 3.64# P/F (2.162" OD x 1.406" DRIFT)
TUB1121	N-80
TUB1122	P-110
TUB2116	2 1/16" OD "CS TYPE", 5.95# P/F (2.906" OD x 1.773" DRIFT)
TUB21161	N-80
TUB21162	P-110
TUB23	2 3/8" OD "CS TYPE", 4.70# P/F (2.700" OD x 1.901" DRIFT)
TUB234	N-80
TUB235	P-110
TUB23	2 3/8" OD "PH-6 TYPE", 5.95# P/F (2.906" OD x 1.773" DRIFT)
TUB231	N-80
TUB232	P-110
TUB27	2 7/8" OD "CS TYPE", 6.50# P/F (3.210" OD x 2.347" DRIFT)
TUB278	N-80
TUB279	P-110
TUB27	2 7/8" OD "PH-6 TYPE", 7.90# P/F (3.438" OD x 2.227" DRIFT)
TUB271	N-80
TUB272	P-110



Product Category	Description
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TUBING (cont'd)

TUB27	2 7/8" OD "PH-6 TYPE", 8.70# P/F (3.500" x 2.165" DRIFT)
TUB274	N-80
TUB275	P-110
TUB277	T-95
TUB35	3 1/2" OD "CS TYPE", 9.30# P/F (3.915" x 2.867" DRIFT)
TUB355	N-80
TUB356	P-110
TUB35	3 1/2" OD "PH-6 TYPE", 12.95# P/F (4.313 OD" x 2.625" DRIFT)
TUB351	N-80
TUB352	P-110
TUB354	T-95

API COUPLED "EUE 8 RD" (WORKSTRINGS)

TUB23E	2 3/8" OD "EUE 8RD", 4.70# P/F (3.063" x 1.901" DRIFT)
TUB23E1	N-80
TUB23E2	L-80
TUB27E	2 7/8" OD "EUE 8RD", 6.50# P/F (3.668" x 2.347" DRIFT)
TUB27E1	N-80
TUB27E2	L-80
TUB35E	3 1/2" OD "EUE 8RD", 9.30# P/F (4.500" x 2.867" DRIFT)
TUB35E1	N-80
TUB35E2	L-80

**All prices listed are for PREMIUM CLASS DRILL PIPE as defined in the API manual.

**Prices are per/ft - per/day, with a minimum of 5-days rental and a minimum of 1,000'. For PIPE rentals of 4-Joints or less PUP JOINT PRICES will be used for each jt.

**DS-1, CAT-5 plus Inspection is applied after each rental job and charged to customer.

**Repairs (straightening, recutting connections) will be charged to customer. Tubing will be sold to customer if damaged beyond repair or lost in hole.

**Customer requested third-party inspections and associated charges will be handled directly by customer.

**Abnormal clean up of tubing returned with hazardous waste, cement, oil base or dehydrated drilling mud, will be cleaned and disposed of at customer's expense.

**Tubing returning with corrosive chemical contamination, WILL BE TREATED IMMEDIATELY with a corrosion inhibitor at customer's expense. If additional cleaning of Tubing is required to remove scale, it will be charged to customer.

****WARNING:** Rotating Tubing in compression or other improper use of Tubing may result in premature failure down-hole. Tensile values are significantly reduced, with applied torque in the string. **NOTE:** Improper use may result in down-hole failures. **Such failures are the sole responsibility of the customer.**



Product Category	Description
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VALVES

SAFETY - BALL TYPE (FULL OPENING)

FOV 2 7/8" & SMALLER, 10,000 psi
 EUE & API ROTARY CONN.
 PH-6, CS or SPECIAL CONN.
 HT, XT - NON-API ROTARY CONN

FOV 2 7/8" & SMALLER, 15,000 psi
 PH-6, CS or SPECIAL CONN.

FOV 3 1/2" & SMALLER, 10,000 psi
 EUE & API ROTARY CONN.
 PH-6, CS or SPECIAL CONN.
 HT, XT - NON-API ROTARY CONN

FOV 3 1/2" & SMALLER, 15,000 psi
 PH-6, CS or SPECIAL CONN.

SAFETY - BALL TYPE (FULL OPENING)

FOV 4 1/2" & SMALLER, 10,000 psi
 EUE & API ROTARY CONN.
 PH-6, CS or SPECIAL CONN.
 HT, XT - NON-API ROTARY CONN

FOV 4 1/2" & SMALLER, 15,000 psi
 PH-6, CS or SPECIAL CONN.

FOV 5 1/2" & SMALLER, 10,000 psi
 EUE & API ROTARY CONN.

LOWER KELLY

KV 2 7/8" & SMALLER, 10,000 psi
 EUE & API ROTARY (FH, IF, XH, H-90) CONN.
 PH-6, CS or SPECIAL CONN.
 HT, XT - NON-API ROTARY CONN

KV 3 1/2" & SMALLER, 10,000 psi
 EUE & API ROTARY (FH, IF, XH, H-90) CONN.
 PH-6, CS or SPECIAL CONN.
 HT, XT - NON-API ROTARY CONN



Product Category	Description
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VALVES (cont'd)

- KV **4 1/2" & SMALLER, 10,000 psi**
- KV **EUE & API ROTARY (FH, IF, XH, H-90) CONN.**
- KV **PH-6, CS or SPECIAL CONN.**
- KV **HT, XT - NON-API ROTARY CONN**

INSIDE BOP w/RELEASING ASSEMBLY TOOL

- IBOP **2 7/8" & SMALLER, 10,000 psi**
- IBOP **EUE & API ROTARY (FH, IF, XH, H-90) CONN.**
- IBOP **PH-6, CS or SPECIAL CONN.**
- IBOP **HT, XT - NON-API ROTARY CONN**

- IBOP **3 1/2" & SMALLER, 10,000 psi**
- IBOP **EUE & API ROTARY (FH, IF, XH, H-90) CONN.**
- IBOP **PH-6, CS or SPECIAL CONN.**
- IBOP **HT, XT - NON-API ROTARY CONN**

- IBOP **4 1/2" & SMALLER, 10,000 psi**
- IBOP **EUE & API ROTARY (FH, IF, XH, H-90) CONN.**
- IBOP **PH-6, CS or SPECIAL CONN.**
- IBOP **HT, XT - NON-API ROTARY CONN**

**Inspection will be performed after each job and charged to customer. Damaged connections will be repaired and charged to customer.

**Tear down, chart record and test will be charged at \$100.00 plus parts.

**Seal Kits will be charged to customer after each job.

**Damaged parts will be replaced and charged to customer.