

CATÁLOGO DE PRODUCTOS

Herramientas y Accesorios

PARA PERFORACIÓN DIAMANTINA



- ✓ Somos una empresa peruana de capitales privados con filial en México y presencia en más de 10 países de latinoamérica.
- ✓ Contamos con más de 20 años de experiencia dedicada a la fabricación de herramientas y accesorios para la perforación diamantina en la exploración geológica y geotécnica de la industria minera.
- ✓ Nuestros procesos de fabricación cumplen con los mas altos estándares de calidad internacionales según la norma D.C.D.M.A. generando productos compatibles de la mejor calidad a precios accesibles.
- ✓ Además de los productos, brindamos soporte y asesoría a nuestros clientes, desarrollando soluciones que logren la mayor eficiencia y rentabilidad en sus operaciones.



CONTENT

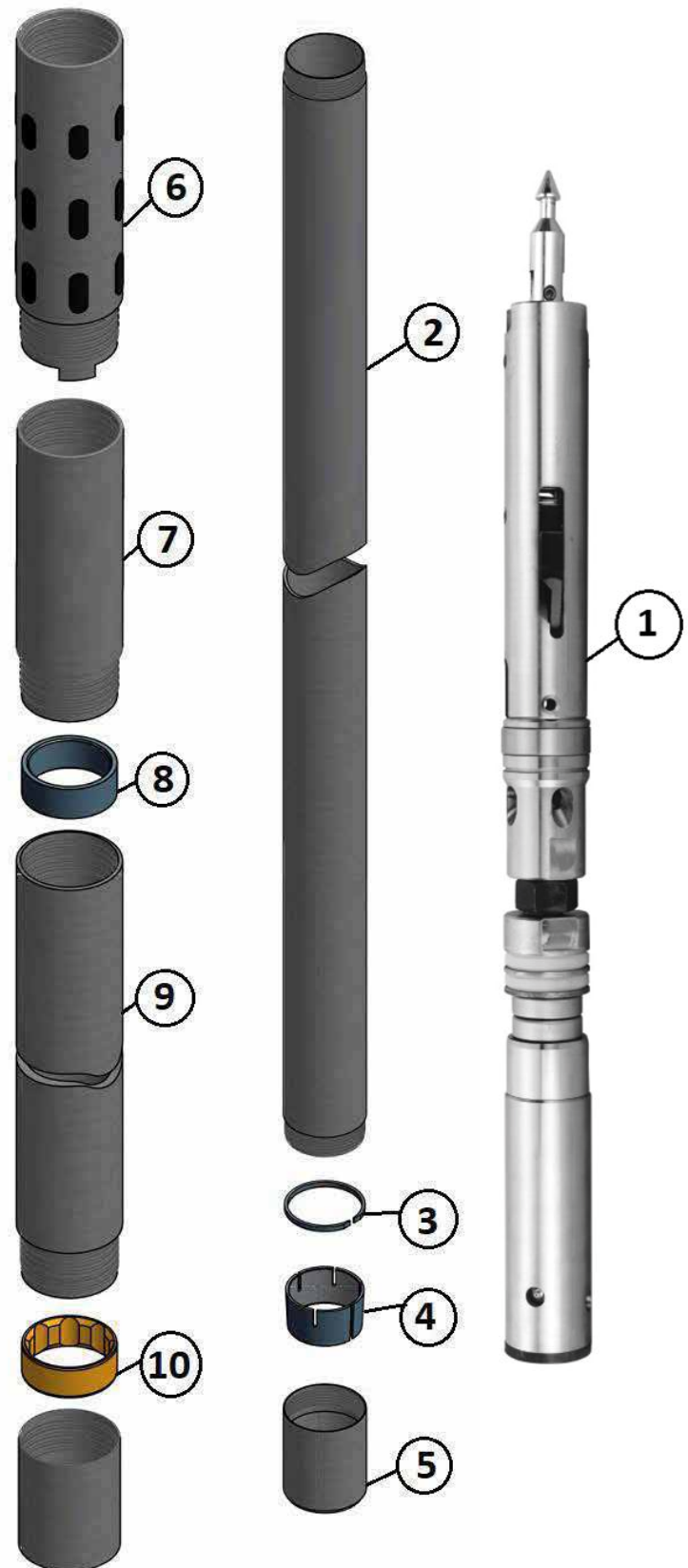


GLOINSER
World Quality Drilling Tools

Company Profile	2
Content	3
Core Barrels BQ	4
Head Assembly Link Latch BQ	5
Ezy lock Overshot Assy BQ	6
Core Barrels NQ	7
Head Assembly Link Latch NQ	8
Ezy lock Overshot Assy NQ	9
Core Barrels HQ	10
Head Assembly Link Latch HQ	11
Ezy lock Overshot Assy HQ	12
Core Barrels PQ	13
Head Assembly Link Latch PQ	14
Ezy lock Overshot Assy PQ	15
Road Runner Assembly	16
Head Assembly Link Latch BQU UNDERGROUND	17
Quick Pump - In Overshot Assy - BQU UNDERGROUND	18
Head Assembly Link Latch NQU UNDERGROUND	19
Quick Pump - In Overshot Assy - NQU UNDERGROUND	20
Head Assembly Link Latch HQU UNDERGROUND	21
Quick Pump - In Overshot Assy - HQU UNDERGROUND	22
Loading Chamber Assembly	23
Indicatos Bushing Spring	24
Conversion Kit Q3	25
Water Swivel Universal	26
Compact Plus Water Swivel	27
Hoisting Plug 30,000 Lbs	28
Lockin Coupling /Adapter	29
Adaptador Drill Rod	30
Inner / Outer Tube Wrench	31
Llave Stillson Heavy Dutty	32
Wireline Drill Rod Heat Treated	33
Casing Cutters	34
Rod Recovery Taps	35
Wireline Cable Tools	36
Rod Lifter / Split Tube Loader	37
FMC Bean 435 / 420	38
Pressure Relief Valve Assy	39
Notes	40



ID #	DESCRIPTION	PART #	QTY
1	BQ Head Assembly - 3542292	GG3542292	
2	BQ Inner Tube 1.5 m - 24356	GG24356	1
	BQ Inner Tube 3 m - 24339	GG24339	1
3	BQ Stop Ring - 24831	GG24831	1
4	BQ Core lifter Fluted - 24342	GG24342	1
	BQ Core lifter Slotted - 30487	GG30487	1
5	BQ Core lifter Case DL - 24830	GG24830	1
	BQ Core lifter Case DF	GGSDf	1
6	BQ Locking Coupling W/TANG - 24832	GG24832	1
	BQ Locking Coupling Full Hole - W/TANG 3545400	GG3545400	1
7	BQ Adapter Coupling 24833	GG24833	1
	BQ Adapter Coupling UG - 3546704	GG3546704	1
8	BQ Landing Ring - 24345	GG24345	1
9	BQ Outer Tube 1.5 m - 24357	GG24357	1
	BQ Outer Tube 3 m - 24346	GG24346	1
10	BQ Inner tube Stabilizer - 44406	GG44406	1



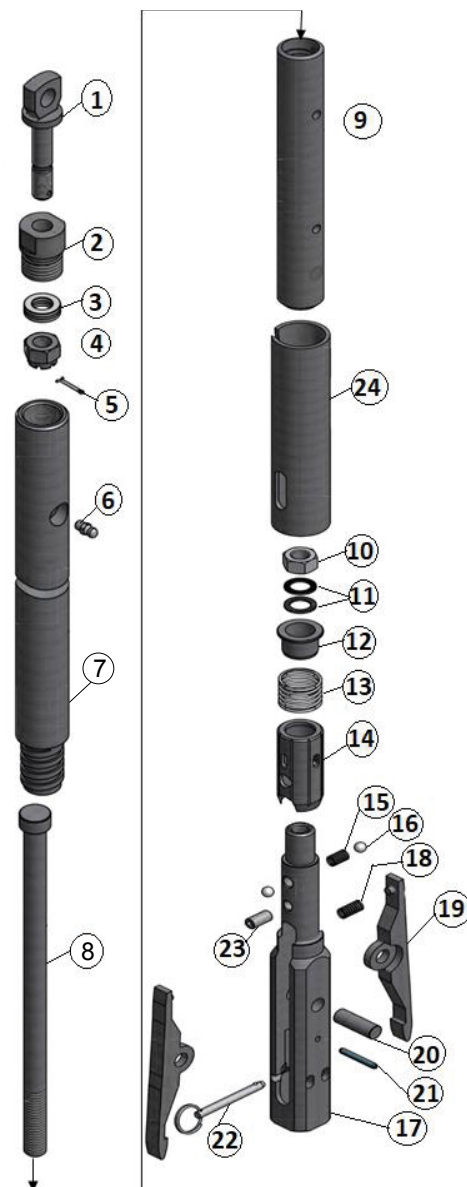
Head Assembly "Link Latch" BQ

ID	DESCRIPTION	PART #	QTY
#	BQ HEAD ASSEMBLY - 3542292	GG3542292	#
1	BQ Spearhead Point - 42913	GG342913	1
2	BQ Compression Spring - 15141	GG315141	1
3	BQ Detent Plunger - 42914	GG342914	1
4	BQ Spearhead Base - 3544135	GG3544135	1
5	BQ Spirol Pin 7/16" X 1" - 42905	GG342905	1
6	BQ Latch Retracting Case - 3541647	GG3541647	1
7	BQ Sping Pin 3/8" X 1-3/4" - 23941	GG323941	2
8	BQ Nylok Bolt 3/8" -16Unc X 3/4" - 3541932	GG3541932	1
9	BQ Washer - 306427	GG3306427	1
10	BQ Latch Compression Spring - 3543180	GG3543180	1
11	BQ Upper Latch Body - 3541621	GG3541621	1
12	BQ Latch - 306417	GG3306417	2
13	BQ Link - 306418	GG3306418	2
14	BQ Spring Pin 3/8" X 1-1/4" - 23944	GG323944	1
15	BQ Stainless Steel Ball, 22 Mm - 62374	GG362374	1
16	BQ Indicator Bushing - 62380	GG362380	1
17	BQ Landing Shoulder - 306421	GG3306421	1
18	BQ Lower Latch Body - 306578	GG3306578	1
19	BQ Washer, Nord-Lock - 3548183	GG3548183	2
20	BQ Hex Nut - 44601	GG344601	1
21	BQ Spindle - 24331	GG324331	1
22	BQ Shut-Off Valve, Hard - 44208	GG344208	2
23	BQ Valve Adjusting Washer - 24335	GG324335	2
24	BQ Thrust/Hanger Bearing - 24030	GG324030	2
25	BQ Spindle Bushing - 24336	GG324336	1
26	BQ Compression Spring - 24031	GG324031	1
27	BQ Stover Lock Nut 1 - 103144	GG3103144	1
28	BQ Inner-Tube Cap Assembly (28 A, B, C, D) - 40655	GG340655	1
28A	BQ Grease Fitting - 17447	GG317447	1
28B	BQ Stainless Steel Ball, 3/4" - 24943	GG324943	1
28C	BQ Check Valve Body - 40656	GG340656	1



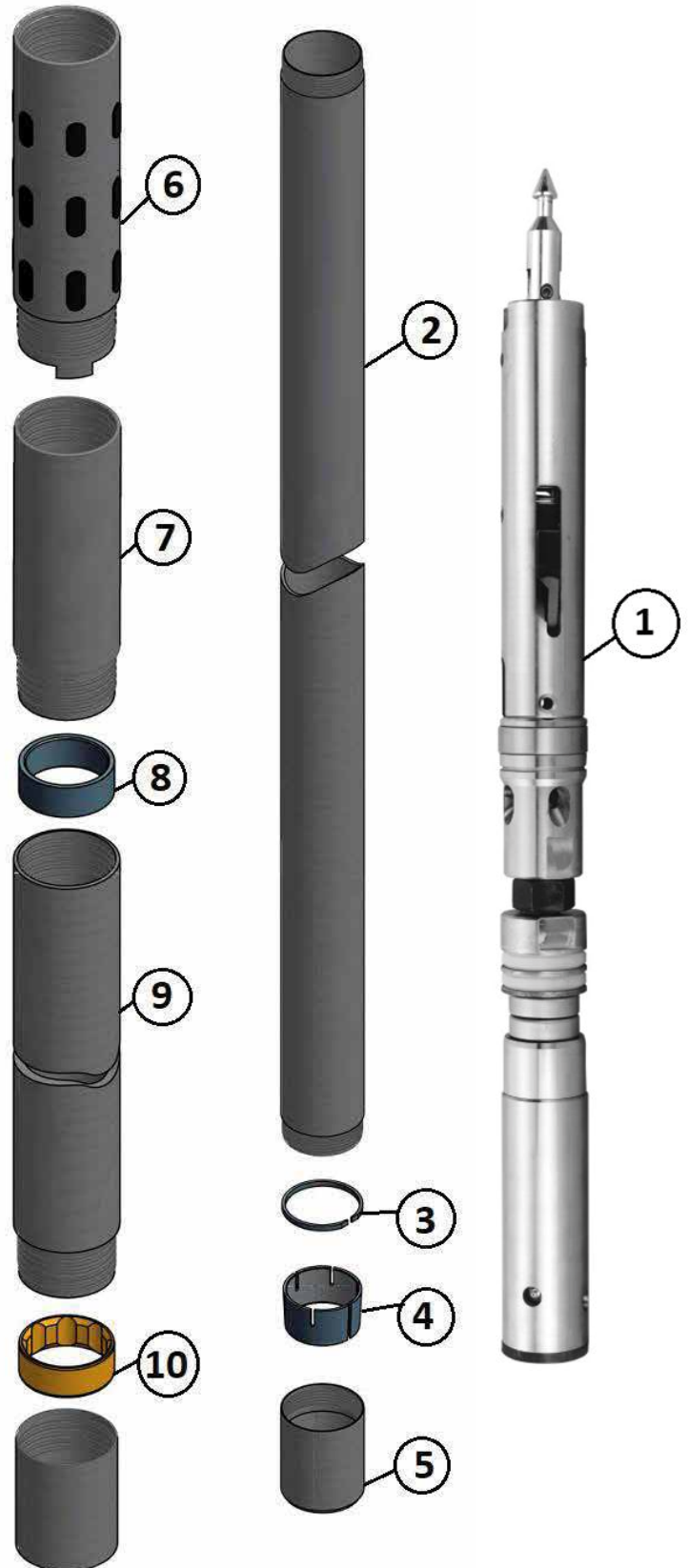
Ezy Lock Overshot Assy - BQ

ID	DESCRIPTION	PART #	QTY
#	BQ EZY LOCK OVERSHOT ASSEMBLY - 3546822	GG3546822	#
1	BQ Bolt, Cable Swivel Eye - 25991	GG325991	1
2	BQ Cable Swivel Collar - 25990	GG325990	1
3	BQ Thrust Bearing - 25986	GG325986	1
4	BQ Castle Nut - 25985	GG325985	1
5	BQ Cotter Pin - 44615	GG344615	1
6	BQ Grease Fitting - 17447	GG317447	1
7	BQ Cable Swivel Body - 44434	GG344434	1
8	BQ Jar Staff - 3546821	GG33546821	1
9	BQ Jar Tube - 44435	GG344435	1
10	BQ Hex Nut 9/16" Unc - 62904	GG362904	1
11	BQ Washer, Nord-Lock - 3548184	GG33548184	2
12	BQ Cap, Ezy Lock O/Shot - 3546823	GG33546823	1
13	BQ Copression Spring, Ezy Lock O/Shot - 3544104	GG33544104	1
14	BQ Sleeve, Ezy Lock O/Shot - 3546883	GG33546883	1
15	BQ Compression Spring Lifting Dog - 3545053	GG33545053	1
16	BQ Ball 11/32" - 3543772	GG33543772	2
17	BQ Ezy Lock Overshot Head - 3546825	GG33546825	1
18	BQ Compression Spring 11/32" - 6951	GG36951	1
19	BQ Lifting Dog - 6950	GG36950	2
20	BQ Plain Pin 1/2" X 1-1/2" - 42941	GG342941	1
21	BQ Spring Pin 3/16" X 1-3/8" - 29073	GG329073	1
22	BQ Locking Pin - 3546747	GG33546747	1
23	BQ Set Screw, 3/8" Unf X 3/4" Nylok - 3545073	GG33545073	1
24	BQ Locking Sleeve - 15575	GG315575	1



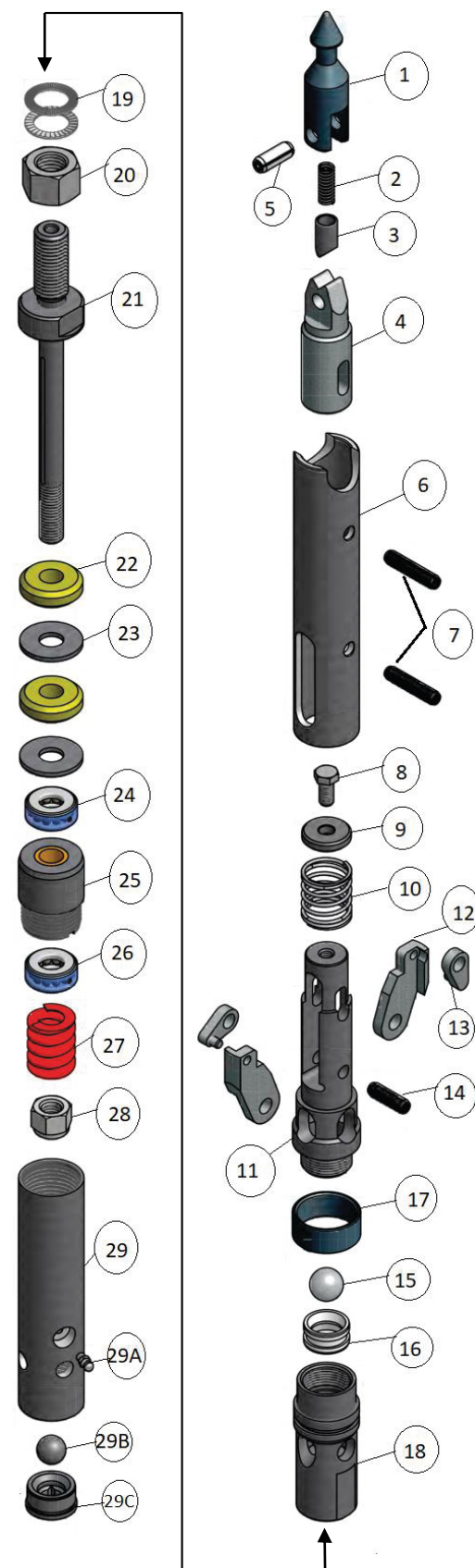
Core Barrels - NQ

ID #	DESCRIPTION	PART #	QTY
1	NQ Head Assembly - 3542751	GG3542751	1
2	NQ Inner Tube 1.5 m - 24909	GG324909	1
	NQ Inner Tube 3 m - 24891	GG324891	1
3	NQ Stop Ring - 24893	GG324893	1
4	NQ Core lifter Fluted - 24894	GG324894	1
	NQ Core lifter Slotted - 30488	GG330488	1
5	NQ Core lifter Case DL - 24892	GG324892	1
	NQ Core lifter Case DF	GG3SDF	1
6	NQ Locking Coupling W/TANG - 24895	GG324895	1
	NQ Locking Coupling Full Hole - W/TANG 3545405	GG33545405	1
7	NQ Adapter Coupling 24896	GG324896	1
	NQ Adapter Coupling UG - 3546706	GG33546706	1
8	NQ Landing Ring - 24897	GG324897	1
9	NQ Outer Tube 1.5 m - 24910	GG324910	1
	NQ Outer Tube 3 m - 24898	GG324898	1
10	NQ Inner tube Stabilizer - 44407	GG344407	1



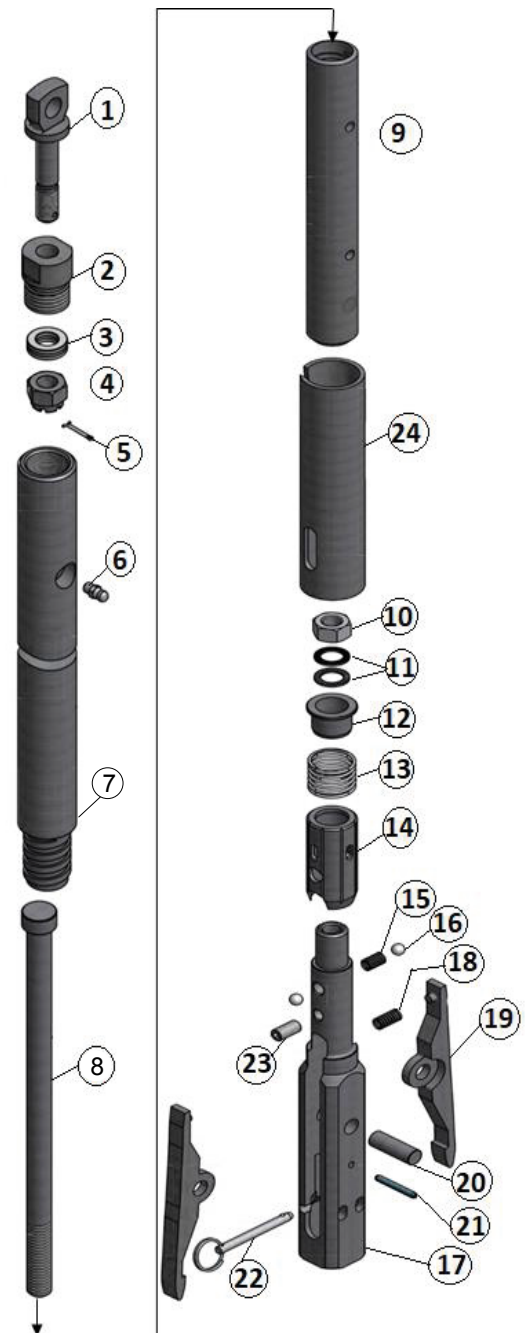
Head Assembly "Link Latch" NQ

ID	DESCRIPTION	PART #	QTY
#	NQ HEAD ASSEMBLY - 3542751	GG3542751	#
1	NQ Spearhead Point - 42913	GG342913	1
2	NQ Compression Spring - 15141	GG315141	1
3	NQ Detent Plunger - 42914	GG342914	1
4	NQ Spearhead Base - 3540329	GG33540329	1
5	NQ Spiral Pin 7/16" X 1" - 42905	GG342905	1
6	NQ Latch Retracting Case - 306455	GG3306455	1
7	NQ Spring Pin 1/2" X 2" - 24305	GG324305	2
8	NQ Nylok Bolt 3/8"-16Unc X 3/4" G8 - 3541932	GG33541932	1
9	NQ Washer - 306022	GG3306022	1
10	NQ Latch Compression Spring - 3543812	GG33543812	1
11	NQ Upper Latch Body - 3541778	GG33541778	1
12	NQ Latch - 104816	GG3104816	2
13	NQ Link - 306454	GG3306454	2
14	NQ Spring Pin 1/2" X 1-1/2" - 24548	GG324548	1
15	NQ Stainless Steel Ball, 22 Mm - 62374	GG362374	1
16	NQ Landing Indicator Bushing - 62380	GG362380	1
17	NQ Landing Shoulder - 306009	GG3306009	1
18	NQ Lower Latch Body - 306008	GG3306008	1
19	NQ Washer, Nord-Lock - 3548161	GG33548161	2
20	NQ Hex Nut - 24885	GG324885	1
21	NQ Spindle - 24886	GG324886	1
22	NQ Shut-Off Valve, Hard - 44209	GG344209	2
23	NQ Valve Adjusting Washer - 24888	GG324888	2
24	NQ Ball Thrust Bearing - 24312	GG324312	1
25	NQ Spindle Bearing Bushing - 24889	GG324889	1
26	NQ Hanger Bearing - 18298	GG318298	1
27	NQ Compression Spring Head - 24313	GG324313	1
28	NQ Stover Lock Nut - 22918	GG322918	1
29	NQ Inner Tube Cap Assembly (29 A, B, C, D) - 40664	GG340664	1
29A	NQ Fitting Grease, Hyd - 17447	GG317447	1
29B	NQ Stainless Steel Ball, 22 Mm - 62374	GG362374	1
29C	NQ Check Valve Body - 37382	GG337382	1



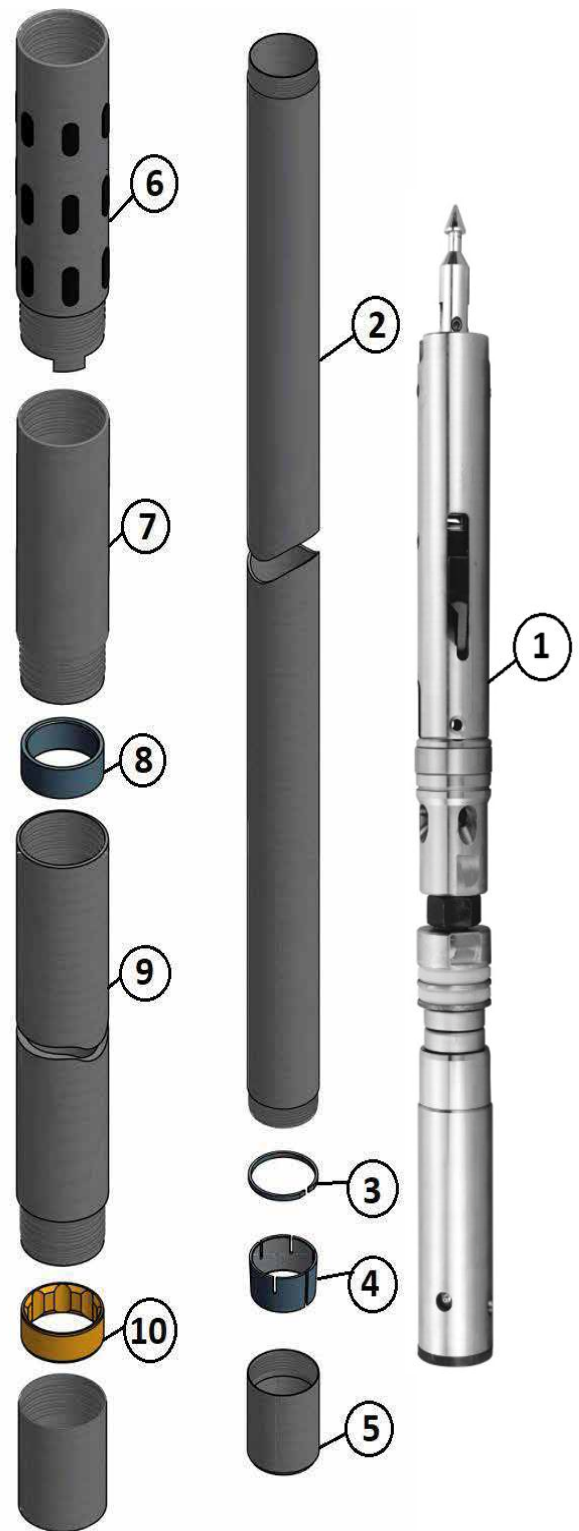
Ezy Lock Overshot Assy - NQ

ID	DESCRIPTION	PART #	QTY
#	NQ EZY LOCK OVERSHOT ASSEMBLY - 3546744	GG3546744	#
1	NQ Cable Swivel Eye Bolt - 25991	GG325991	1
2	NQ Cable Swivel Collar - 25990	GG325990	1
3	NQ Thrust Bearing - 25986	GG325986	1
4	NQ Castle Nut - 25985	GG325985	1
5	NQ Cotter Pin 3/32" X 3/4" - 44615	GG344615	1
6	NQ Fitting Grease, Hyd - 17447	GG317447	1
7	NQ Cable Swivel Body - 44444	GG344444	1
8	NQ Jar Staff - 3540516	GG33540516	1
9	NQ Jar Tube - 3540515	GG33540515	1
10	NQ Hex Nut 3/4" Unc - 44524	GG344524	1
11	NQ Washer, Nord-Lock - 3548178	GG33548178	2
12	NQ Cap, Ezy Lock O/Shot - 3544103	GG33544103	1
13	NQ Compression Spring, Ezy Lock O/Shot - 3544105	GG33544105	1
14	NQ Sleeve, Ezy Lock O/Shot - 3546745	GG33546745	1
15	NQ Compression Spring 11/32" - 6951	GG36951	1
16	NQ Ball 11/32" - 3543772	GG33543772	2
17	NQ Overshot Head, Ezy Lock - 3546746	GG33546746	1
18	NQ Lifting Dog Compression Spring - 3542027	GG33542027	1
19	NQ Lifting Dog - 3540529	GG33540529	2
20	NQ Plain Pin 1/2" X 1-15/16" - 42906	GG342906	1
21	NQ Spring Pin 1/4" X 1-3/4" - 37394	GG337394	1
22	NQ Locking Pin - 3546747	GG33546747	1
23	NQ Set Screw, 3/8" Unf X 3/4" Nylok - 3545073	GG33545073	1
24	NQ Locking Sleeve Slotted - 15965	GG315965	1



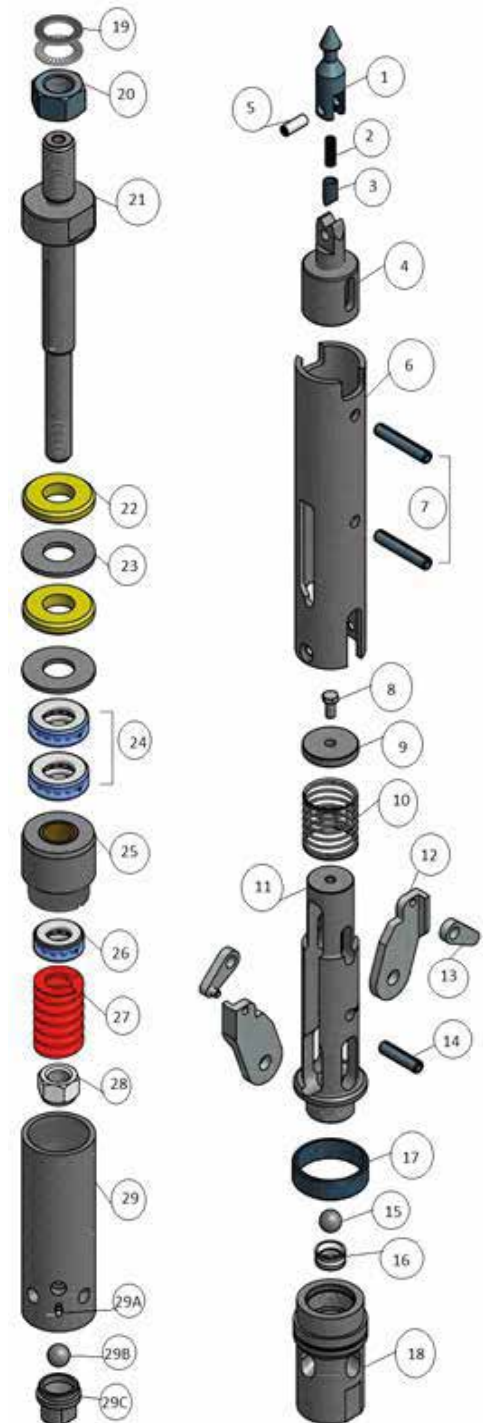
Core Barrels - HQ

ID #	DESCRIPTION	PART #	QTY
1	HQ Head Assembly - 5001440	GG5001440	
2	HQ Inner Tube 1.5 m - 25258	GG525258	
	HQ Inner Tube 3 m - 25236	GG525236	
3	HQ Stop Ring - 25238	GG525238	
4	HQ Core lifter Fluted - 25239	GG525239	1
	HQ Core lifter Slotted - 30489	GG530489	1
5	HQ Core lifter Case DL 25237	GG525237	1
	HQ Core lifter Case DF	GG5DF	1
6	HQ Locking Coupling W/TANG - 25240	GG525240	1
	HQ Locking Coupling Full Hole W/TANG - 3545409	GG53545409	1
7	HQ Adapter Coupling - 25241	GG525241	1
	HQ Adapter Coupling UG - 3546707	GG53546707	1
8	HQ Landing Ring - 25242	GG525242	1
9	HQ Outer Tube 1.5 m - 25259	GG525259	1
	HQ Outer Tube 3 m - 25243	GG525243	1
10	HQ Inner tube Stabilizer - 44408	GG544408	1



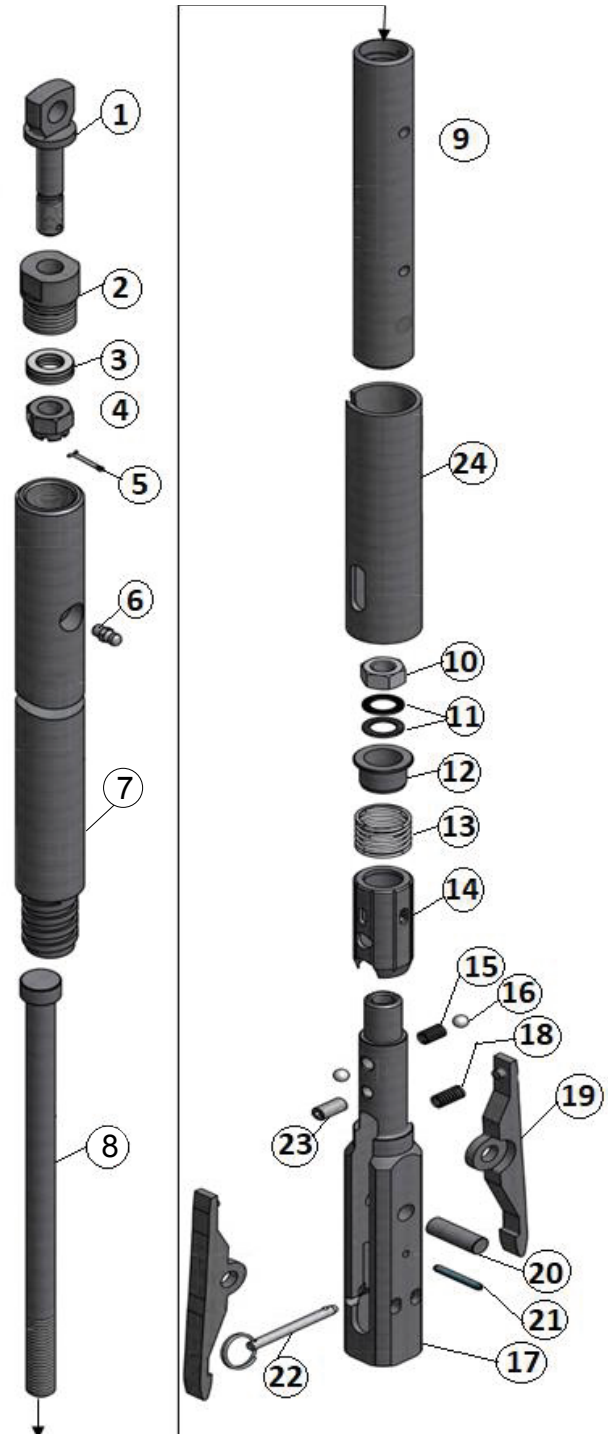
Head Assembly "Link Latch" HQ

ID	DESCRIPTION	PART #	QTY
#	HQ HEAD ASSEMBLY - 5001440	GG5001440	#
1	HQ Spearhead Point - 42913	GG542913	1
2	HQ Compression Spring - 15141	GG515141	1
3	HQ Detent Plunger - 42914	GG542914	1
4	HQ Spearhead Base - 3540330	GG53540330	1
5	HQ Spirol Pin 7/16" X 1" - 42905	GG542905	1
6	HQ Latch Retracting Case - 5001332	GG55001332	1
7	HQ Spring Pin 1/2" X 2-3/4" - 24524	GG524524	2
8	HQ Nylok Bolt 3/8"-16Unc X 3/4" G8 - 3541932	GG53541932	1
9	HQ Washer 104953	GG5104953	1
10	HQ Latch Compression Spring Hq/Pq - 3543619	GG53543619	1
11	HQ Upper Latch Body - 5001342	GG55001342	1
12	HQ Latch 104818	GG5104816	2
13	HQ Link 306216	GG5306216	2
14	HQ Spring Pin 1/2" X 2" 24305	GG524305	1
15	HQ Stainless Steel Ball, 22 Mm 62374	GG562374	1
16	HQ Landing Indicator Bushing - 62380	GG562380	1
17	HQ Landing Shoulder - 104958	GG5104958	1
18	HQ Lower Latch Body - 104957	GG5104957	1
19	HQ Washer, Nord-Lock - 3548105	GG53548105	2
20	HQ Hex Nut - 44574	GG544574	1
21	HQ Spindle - 25231	GG525231	1
22	HQ Shut-Off Valve, Hard - 43513	GG543513	2
23	HQ Valve Adjusting Washer - 25233	GG525233	2
24	HQ Ball Thrust Bearing - 24528	GG524528	2
25	HQ Spindle Bearing Bushing - 25234	GG525234	1
26	HQ Ball Thrust Bearing - 24312	GG524312	1
27	HQ Compression Spring Head - 24529	GG524529	1
28	HQ Stover Lock Nut - 103465	GG5103465	1
29	HQ Inner Tube Cap Assembly (29 A, B, C, D) - 40678	GG540678	0
29A	HQ Fitting Grease, Hyd - 17447	GG517447	1
29B	HQ Stainless Steel Ball, 22 Mm - 62374	GG562374	1
29C	HQ Inner Tube Cap - 40401	GG540401	1
29D	HQ Check Valve Body - 37382	GG537382	1



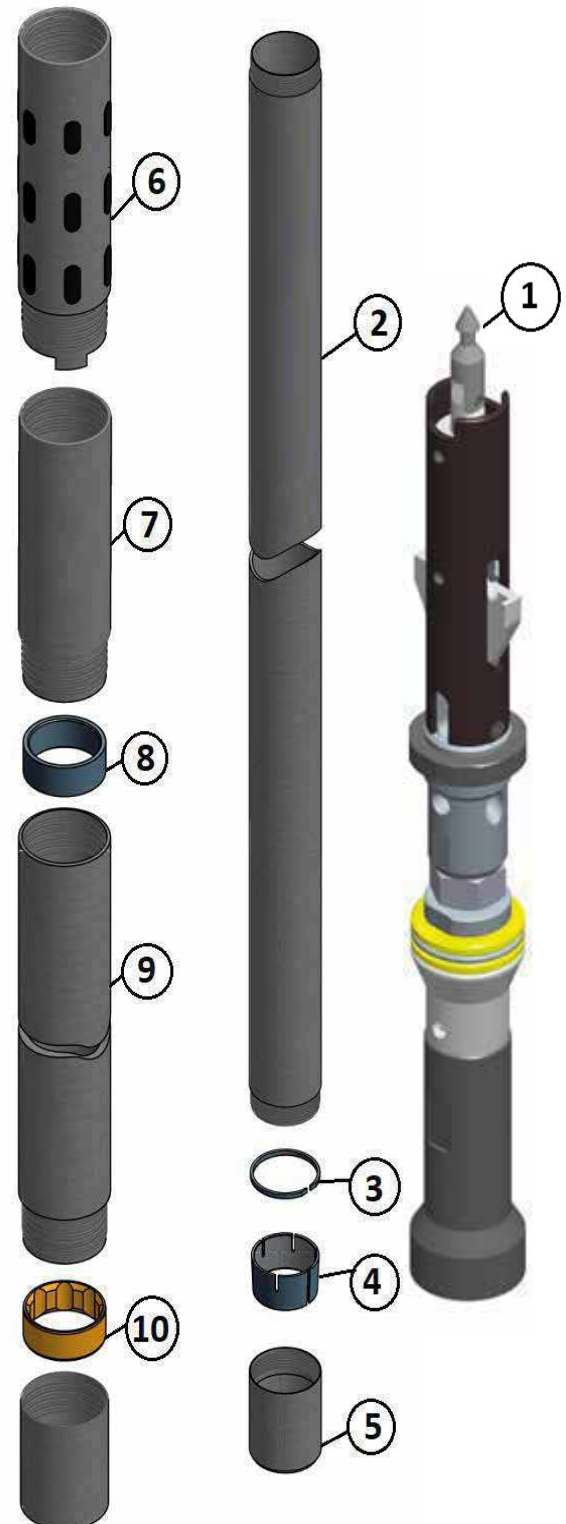
Ezy Lock Overshot Assy - HQ

ID	DESCRIPTION	PART #	QTY
#	HQ EZY LOCK OVERSHOT ASSEMBLY - 3546750	GG3546750	#
1	HQ Cable Swivel Eye Bolt - 25991	GG325991	1
2	HQ Cable Swivel Collar - 25990	GG325990	1
3	HQ Thrust Bearing - 25986	GG325986	1
4	HQ Castle Nut - 25985	GG325985	1
5	HQ Cotter Pin 3/32" X 3/4" - 44615	GG344615	1
6	HQ Fitting Grease, Hyd - 17447	GG317447	1
7	HQ Cable Swivel Body - 44444	GG344444	1
8	HQ Jar Staff - 3540516	GG33540516	1
9	HQ Jar Tube - 3540515	GG33540515	1
10	HQ Hex Nut 3/4" Unc - 44524	GG344524	1
11	HQ Washer, Nord-Lock - 3548178	GG33548178	1
12	HQ Cap, Ezy Lock O/Shot - 3544103	GG33544103	1
13	HQ Spring, Ezy Lock O/Shot - 3544105	GG33544105	1
14	HQ Sleeve, Ezy Lock O/Shot - 3546745	GG33546745	1
15	HQ Compression Spring - 6951	GG36951	1
16	HQ Ball 11/32" - 3543772	GG33543772	2
17	HQ Overshot Head, Ezy Lock - 3546748	GG33546748	1
18	HQ Lifting Dog Spring - 3542027	GG33542027	1
19	HQ Lifting Dog - 3540529	GG33540529	2
20	HQ Plain Pin 1/2" X 2-1/8" - 3540528	GG33540528	1
21	HQ Spring Pin 1/4" X 2"Lg - 24307	GG324307	1
22	HQ Locking Pin - 3546747	GG33546747	1
23	HQ Set Screw, 3/8" Unf X 3/4" Nylok - 3545073	GG33545073	1
24	HQ Locking Sleeve Slotted - 15965	GG315965	1



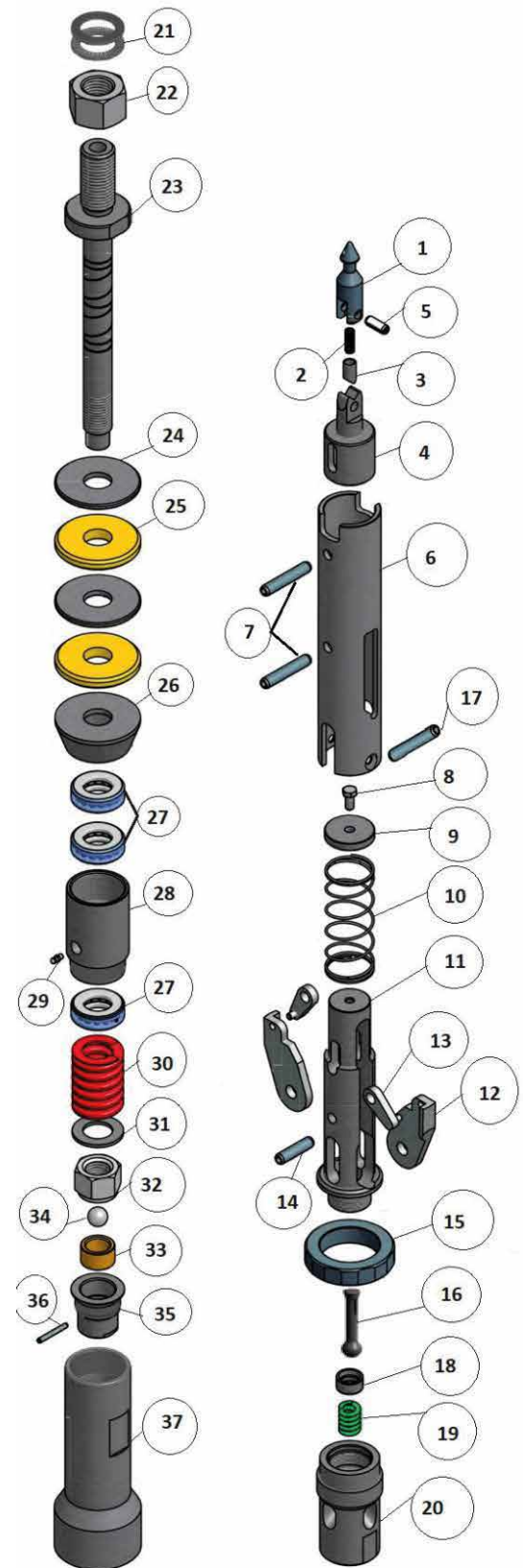
Core Barrels - PQ

ID #	DESCRIPTION	PART #	QTY
1	PQ Head Assembly - 5001444	GG5001444	
2	PQ Inner Tube 1.5 m - 26159	GG526159	
	PQ Inner Tube 3 m - 26534	GG526534	
3	PQ Stop Ring - 26161	GG526161	
4	PQ Core lifter Fluted - 26162	GG526162	1
	PQ Core lifter Slotted - 26162-A	GG526162A	1
5	PQ Core lifter Case DL - 52172	GG552172	1
	PQ Core lifter Case DF	GG5SDF	1
6	PQ Locking Coupling W/TANG - 101343	GG5101343	1
7	PQ Adapter Coupling - 3543808	GG53543808	1
8	PQ Landing Ring - 3543814	GG53543814	1
9	PQ Outer Tube 1.5 m - 3543802	GG53543802	1
	PQ Outer Tube 3 m - 3543801	GG53543801	1
10	PQ Inner tube Stabilizer - 44923	GG544923	1



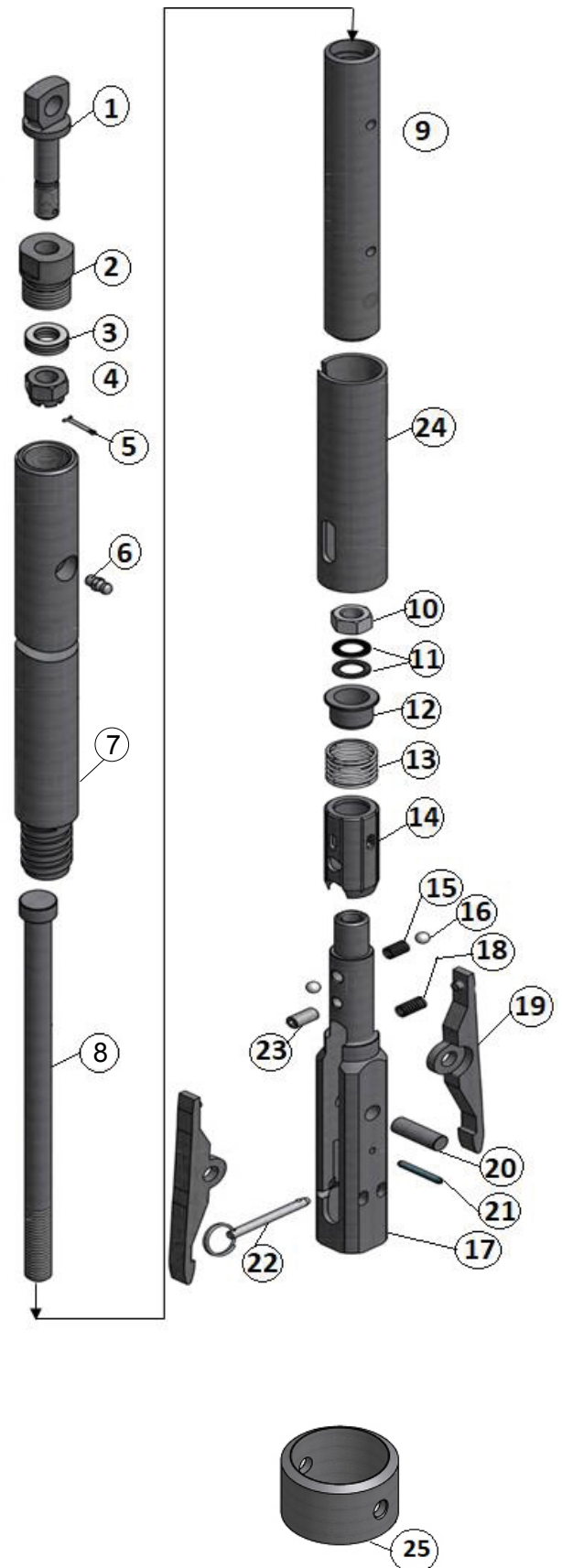
Head Assembly "Link Latch" PQ

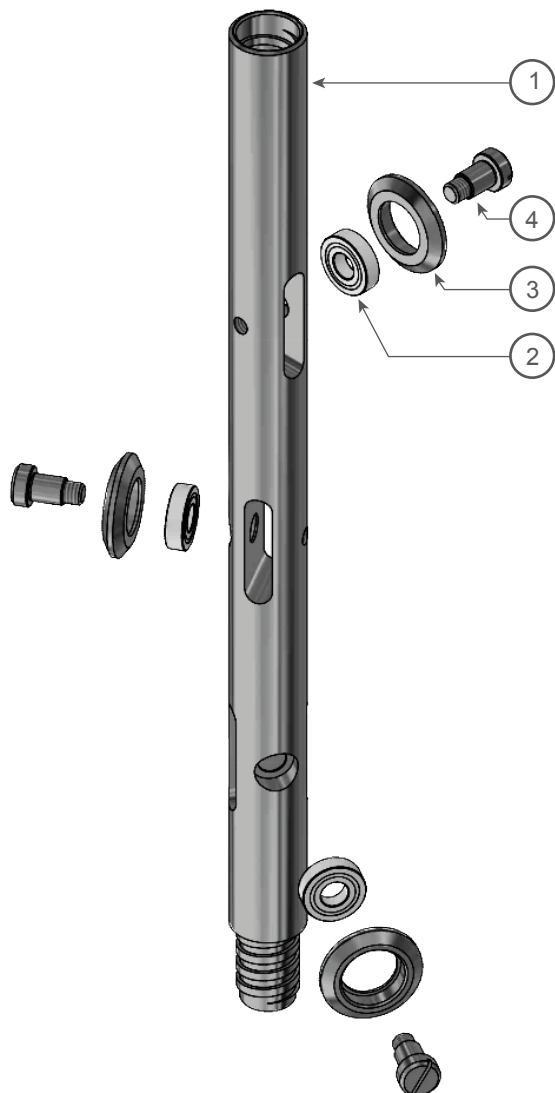
ID	DESCRIPTION	PART #	QTY
#	PQ HEAD ASSEMBLY - 5001444	GG5001444	#
1	PQ Spearhead Point - 42913	GG542913	1
2	PQ Compression Spring - 15141	GG515141	1
3	PQ Plunger, Detent - 42914	GG542914	1
4	PQ Base, Hq Spearhead - 3540330	GG53540330	1
5	PQ Pin, Spirol 7/16" X 1" - 42905	GG542905	1
6	PQ Case, Hq Latch Retracting - 5001332	GG55001332	1
7	PQ Pin, Spring 1/2" X 2-3/4" - 24524	GG524524	2
8	PQ Nylok Bolt 3/8-16 3/4" G8 C/Scr, - 3541932	GG53541932	2
9	PQ Washer, Hq - 104953	GG5104953	1
10	PQ Latch Compression Spring Hq/Pq - 3543619	GG53543619	1
11	PQ Upper Latch Body - 5001342	GG55001342	1
12	PQ Latch - 3543796	GG53543796	1
13	PQ Link, Hq - 306216	GG5306216	2
14	PQ Spring Pin 1/2" X 2" - 24305	GG524305	1
15	PQ Landing Shoulder, Pq - 3543797	GG53543797	1
16	PQ Valve Piston, Hq-Pq - 3548544	GG53548544	1
17	PQ Spring Pin, 1/4 X 2 3/4 - 3548718	GG53548718	1
18	PQ Bushing, Fluid Retention - 306131	GG5306131	1
19	PQ Spring, Fluid Retention Light - 104966	GG5104966	1
20	PQ Lower Latch Body, Hq/Pq Q/D - 3548072	GG53548072	1
21	PQ Washer, Nord-Lock 1-1/2" - 3545206	GG53545206	2
22	PQ Hex Nut 1-1/2 Unc - 37475	GG537475	1
23	PQ Spindle, Hq/Pq Q/D Hollow - 3548073	GG53548073	1
24	PQ Valve, Pq Hard Shut-Off - 3540308	GG53540308	2
25	PQ Shut-Off Valve, Hard - 3540300	GG53540300	2
26	PQ Washer, Tapered Shut-Off Pq - 3540299	GG53540299	1
27	PQ Ball Thrust Bearing - 24528	GG524528	2
28	PQ Spindle Bearing Bushing, Hq/Pq Q/D - 3540794	GG53540794	1
29	PQ Fitting Grease, Hyd - 17447	GG517447	1
30	PQ Spring, Compression - 3540755	GG53540755	1
31	PQ Washer, Flat 1-1/4" Narrow - 3544324	GG53544324	1
32	PQ L/Nut, 1-1/4 Unc Nylok - 103062	GG5103062	1
33	PQ Body, Check Valve Hq/Pq - 62374	GG562374	1
34	PQ Ball, 22Mm - 3540737	GG53540737	1
35	PQ Pin, Spring 3/16 X 1-3/4 - 3540745	GG53540745	1
36	PQ Bushing, Hq/Pq Q/D Valve - 100865	GG5100865	1
37	PQ Inner Tube Cap - 3543804	GG53543804	1



Ezy Lock Overshot Assy - PQ

ID	DESCRIPTION	PART #	QTY
#	HQ EZY LOCK OVERSHOT ASSEMBLY - 3546750	GG3546750	#
1	PQ Bolt, Cable Swivel Eye - 25991	GG325991	1
2	PQ Cable Swivel Collar - 25990	GG325990	1
3	PQ Thrust Bearing - 25986	GG325986	1
4	PQ Castle Nut - 25985	GG325985	1
5	PQ Cotter Pin - 44615	GG344615	1
6	PQ Grease Fitting - 17447	GG317447	1
7	PQ Cable Swivel Body - 44444	GG344444	1
8	PQ Jar Staff - 3540516	GG33540516	1
9	PQ Jar Tube - 3540515	GG33540515	1
10	PQ Hex Nut 3/4" Unc 44524	GG344524	1
11	PQ Washer, Nord Lock 3548178	GG33548178	1
12	PQ Cap, Ezy Lock O/Shot - 3544103	GG33544103	1
13	PQ Spring, Ezy Lock O/Shot 3544105	GG33544105	1
14	PQ Sleeve, Ezy Lock O/Shot - 3546745	GG33546745	1
15	PQ Compression Spring - 6951	GG36951	1
16	PQ Ball 11/32" - 3543772	GG33543772	2
17	PQ Ezy Lock Overshot Head - 3546748	GG33546748	1
18	PQ Lifting Dog Compression Spring - 3542027	GG33542027	1
19	PQ Lifting Dog - 3540529	GG33540529	2
20	PQ Plain Pin 1/2" X 3-1/4" - 3540213	GG33540213	1
21	PQ Spring Pin 1/4" X 2" - 24307	GG324307	1
22	PQ Locking Pin - 3546747	GG33546747	1
23	PQ Set Screw, 3/8" Unf X 3/4" Nylok 3545073	GG33545073	1
24	PQ Locking Sleeve Slotted - 15965	GG315965	1
25	PQ Sleeve - 3541072	GG33541072	1

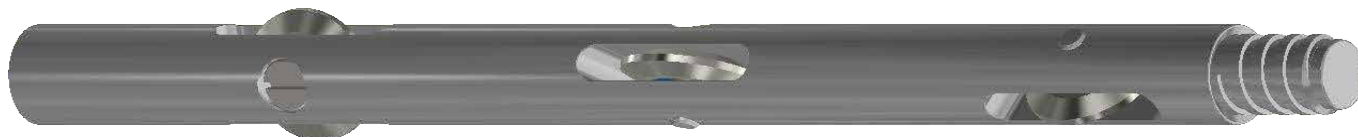




BQ	ITEM	DESCRIPCIÓN	CÓDIGO	CANT.
	1-4	BO ROAD RUNNER ASSY	GG1232358	1
	1	BO ROAD RUNNER BAR	GG1232350	1
	2	BO ROAD RUNNER BEARING	GG1232352	3
	3	BO ROAD RUNNER WHEEL	GG1232354	3
	4	BO BOLT SOCKET HEAD	GG1232356	3

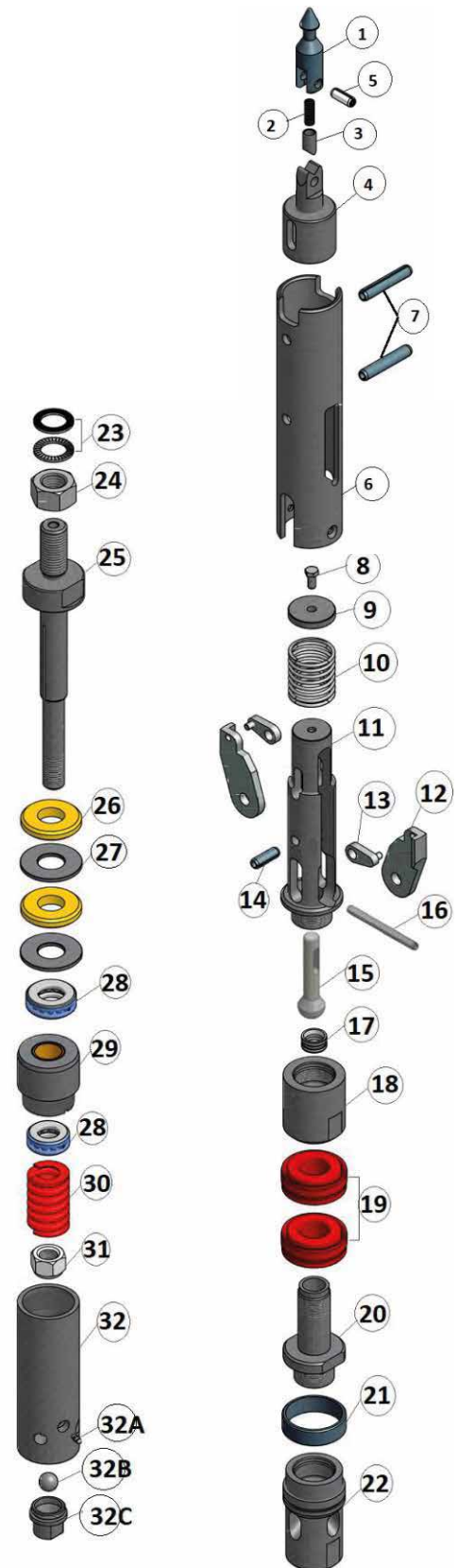
NQ	ITEM	DESCRIPCIÓN	CÓDIGO	CANT.
	1-4	NO ROAD RUNNER ASSY	GG1232458	1
	1	NO ROAD RUNNER BAR	GG1232450	1
	2	NO ROAD RUNNER BEARING	GG1232452	3
	3	NO ROAD RUNNER WHEEL	GG1232454	3
	4	NO BOLT SOCKET HEAD	GG1232456	3

HQ	ITEM	DESCRIPCIÓN	CÓDIGO	CANT.
	1-4	HO ROAD RUNNER ASSY	GG1232558	1
	1	HO ROAD RUNNER BAR	GG1232550	1
	2	HO ROAD RUNNER BEARING	GG1232552	3
	3	HO ROAD RUNNER WHEEL	GG1232554	3
	4	HO BOLT SOCKET HEAD	GG1232556	3

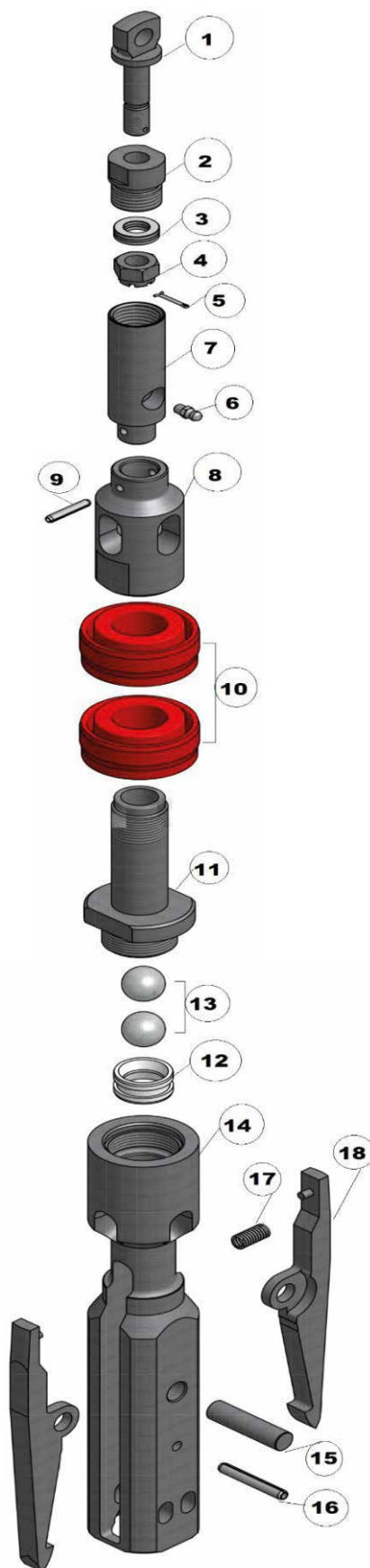


Head Assembly "Link Latch" BQU

ID	DESCRIPTION	PART #	QTY
#	BQU HEAD ASSEMBLY NG - 3544012	GG3544012	#
1	BQU Spearhead Point 42913	GG342913	1
2	BQU Compression Spring - 15141	GG315141	1
3	BQU Detent Plunger - 42914	GG342914	1
4	BQU Spearhead Base - 3544135	GG3544135	1
5	BQU Spirol Pin, 7/16" X 1" - 42905	GG342905	1
6	BQU Latch Retracting Case - 3547671	GG3547671	1
7	BQU Spring Pin, 3/8" X 1-3/4" - 23941	GG323941	2
8	BQU Nylok Bolt, 3/8" 16 X 3/4" 3541932	GG3541932	1
9	BQU Washer - 306427	GG3306427	1
10	BQU Compression Spring - 3541836	GG3541836	1
11	BQU Upper Latch Body - 3547725	GG3547725	1
12	BQU Latch - 306417	GG3306417	2
13	BQU Link - 306418	GG3306418	2
14	BQU Spring Pin, 3/8" X 1-1/4" - 23944	GG323944	1
15	BQU Valve Piston - 3547672	GG3547672	1
16	BQU Spring Pin, 1/4" X 1-5/8" - 23946	GG323946	1
17	BQU Latch Indicator Bushing - 3543904	GG3543904	1
18	BQU Adapter 3543905	GG3543905	1
19	BQU Pump-In Seal - 100690	GG3100690	2
20	BQU Seal Seat - 3543906	GG3543906	1
21	BQU Landing Shoulder - 306421	GG3306421	1
22	BQU Lower Latch Body - 306578	GG3306578	1
23	BQU Washer, Nord-Lock - 3548183	GG3548183	0
24	BQU Hex Nut - 44601	GG344601	1
25	BQU Spindle - 24331	GG324331	1
26	BQU Shut Off Valve, Hard 44208	GG344208	2
27	BQU Valve Adjusting Washer 24335	GG324335	2
28	BQU Thrust Bearing 24030		2
29	BQU Spindle Bushing - 24336	GG324336	1
30	BQU Compression Spring - 24031	GG324031	1
31	BQU Stover Lock Nut - 103144	GG3103144	1
32	BQU Inner-Tube Cap Assembly (31 A, B, C, D) 40655	GG340655	1
32A	BQU Grease Fitting - 17447	GG317447	1
32B	BQU Stainless Steel Ball, 3/4" - 24943	GG324943	1
32C	BQU Check Valve Body 40656	GG340656	1

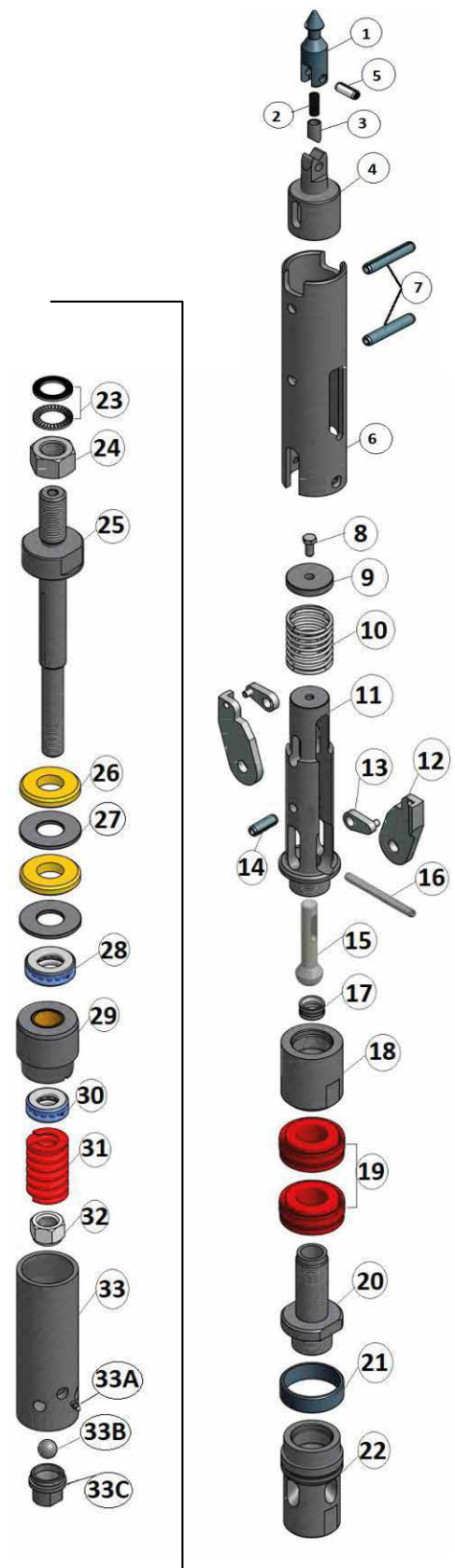


ID	DESCRIPTION	PART #	QTY
#	BQU QUICK PUMP-IN OVERSHOT - 3547700	GG3547700	#
1	BQU Bolt, Cable Swivel Eye - 25991	GG325991	1
2	BQU Collar, Cable Swivel - 25990	GG325990	1
3	BQU Bearing, Ball Thrust - 25986	GG325986	1
4	BQU Nut, Castle Hex 1/2" Unf - 25985	GG325985	1
5	BQU Cotter Pin 3/32" X 3/4" - 44615	GG344615	1
6	BQU Fitting, Hyd Grease - 17447	GG317447	1
7	BQU Body, Cable Swivel U/G O/Shot - 30183	GG330183	1
8	BQU Body Bqu Upper O/Shot Q/P - 3547807	GG33547807	1
9	BQU Pin, Shear 3/16" X 1-1/8"Lg - 3545136	GG33545136	1
10	BQU Lip Seal, Bq Pump-In - 100690	GG3100690	2
11	BQU Seat, Seal Bqu/Bqtku - 3543906	GG33543906	1
12	BQU Indicator Bushing - 62380	GG362380	1
13	BQU Ball, 22Mm - 62374	GG362374	2
14	BQU Head, Bqu O/Shot Q/P - 3547848	GG33547848	1
15	BQU Pin, Plain 1/2" X 1-1/2" - 42941	GG342941	1
16	BQU Pin, Spring 3/16" X 1-3/8" - 29073	GG329073	1
17	BQU Compression Spring 11/32" - 6951	GG36951	1
18	BQU Lifting Dog, Bq - 6950	GG36950	2

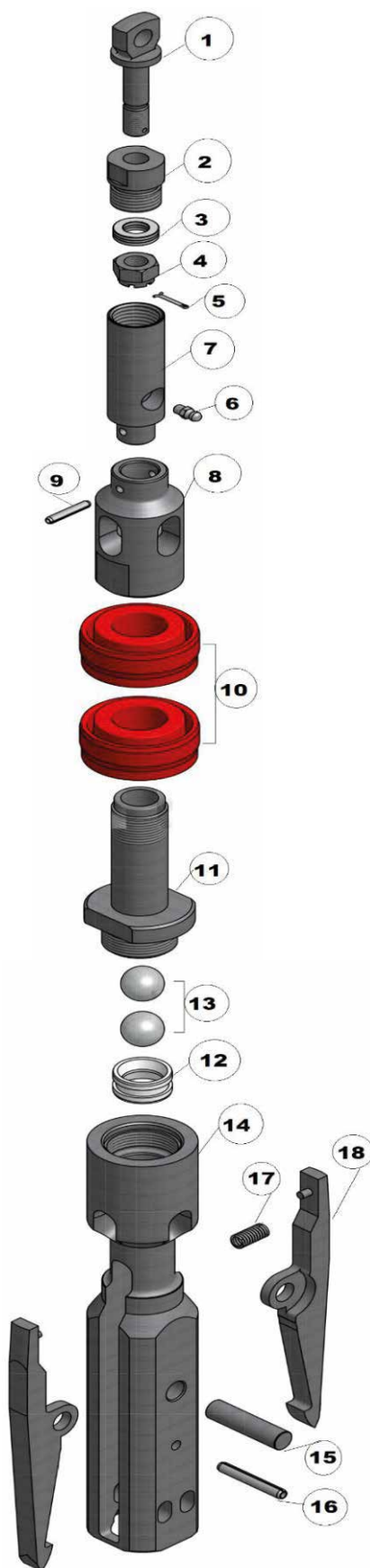


Head Assembly Link Latch" NQU

ID	DESCRIPTION	PART #	QTY
#	NQU HEAD ASSEMBLY - 3544015	GG3544015	#
1	NQU Spearhead, Point - 42913	GG342913	1
2	NQU Compression Spring - 15141	GG315141	1
3	NQU Detent Plunger - 42914	GG342914	1
4	NQU Spearhead Base 3544136	GG3544136	1
5	NQU Spirol Pin, 7/16" X 1" - 42905	GG342905	1
6	NQU Latch Retracting Case - 3548623	GG3548623	1
7	NQU Spring Pin 1/2" X 2" - 24305	GG324305	2
8	NQU Nylok Bolt, 3/8" 16 X 3/4" G8 3541932	GG3541932	1
9	NQU Washer - 306022	GG3306022	1
10	NQU Compression Spring - 3543136	GG3543136	1
11	NQU Upper Latch Body - 3548336	GG3548336	1
12	NQU Latch - 104816	GG3104816	2
13	NQU Link 104817	GG3104817	2
14	NQU Spring Pin, 1/2" X 1 1/2" 24548	GG324548	1
15	NQU Valve Piston Ball 22Mm - 3547672	GG3547672	1
16	NQU Spring Pin 1/4" X 2"Lg - 24307	GG324307	1
17	NQU Latch Indicator Bushing - 3543904	GG3543904	1
18	NQU Adapter - 3543948	GG3543948	1
19	NQU Pump-In Lip Seal - 64302	GG364302	2
20	NQU Seal Seat - 3543949	GG3543949	1
21	NQU Landing Shoulder - 306009	GG3306009	1
22	NQU Lower Latch Body - 306008	GG3306008	1
23	NQU Washer Nord-Lock - 3548161	GG3548161	1
24	NQU Hex Nut 1-1/8 Unc - 24885	GG324885	1
25	NQU Spindle - 24886	GG324886	1
26	NQU Shut-Off Valve, Hard - 44209	GG344209	2
27	NQU Valve Adjusting Washer - 24888	GG324888	2
28	NQU Ball Thrust Bearing - 24312	GG324312	2
29	NQU Spindle Bearing Bushing - 24889	GG324889	1
30	NQU Hanger Bearing - 18298	GG318298	1
31	NQU Compression Spring Head - 24313	GG324313	1
32	NQU Stover Lock Nut - 22918	GG322918	1
33	NQU Inner Tube Cap Assembly (34 A, B, C, D) - 40664	GG340664	1
33A	NQU Fitting Grease, Hyd - 17447	GG317447	1
33B	NQU Stainless Steel Ball, 22Mm - 62374	GG362374	1
33C	NQU Check Valve Body - 37382	GG337382	1

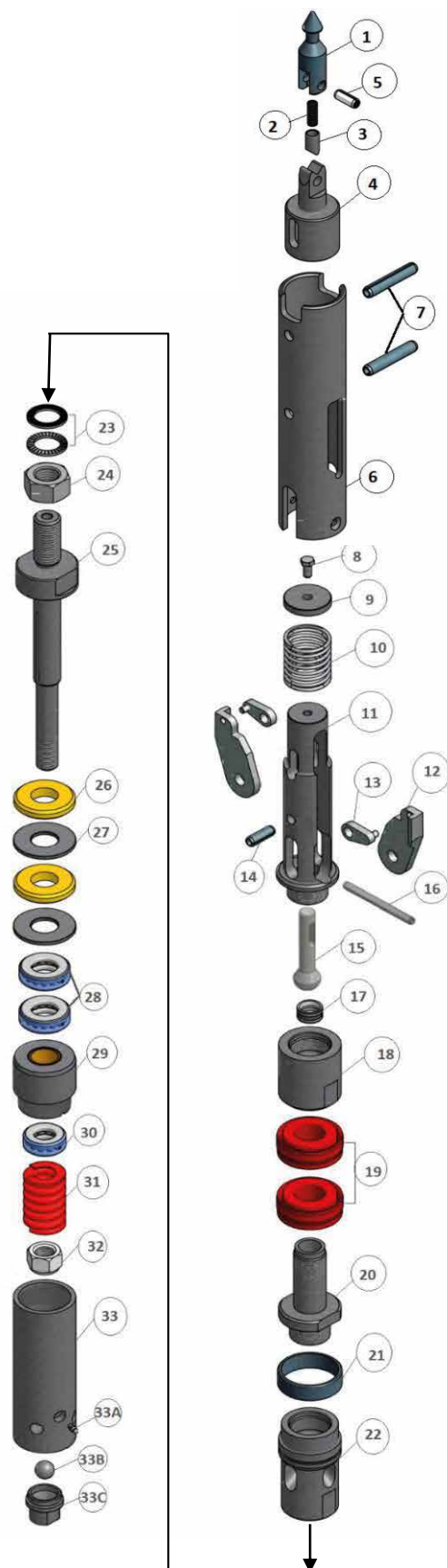


ID	DESCRIPTION	PART #	QTY
#	NQU QUICK PUMP-IN OVERSHOT - 3547850	GG3547850	#
1	NQU Cable Swivel Eye Bolt - 25991	GG325991	1
2	NQU Collar, Cable Swivel - 25990	GG325990	1
3	NQU Bearing, Ball Thrust - 25986	GG325986	1
4	NQU Nut, Castle Hex 1/2" Unf G2 - 25985	GG325985	1
5	NQU Pin, Cotter 3/32" X 3/4" - 44615	GG344615	1
6	NQU Fitting Grease, Hyd - 17447	GG317447	1
7	NQU Body, Cable Swivel U/G O/Shot - 30183	GG330183	1
8	NQU Body, Nqu Upper O/Shot L/I - 3547849	GG33547849	1
9	NQU Pin, Shear 3/16" X 1-1/8" Lg - 3545136	GG33545136	1
10	NQU Pump-In Lip Seal - 64302	GG364302	2
11	NQU Seat, Seal Nqu 3543949	GG33543949	1
12	NQU Landing Indicator Bushing - 62380	GG362380	1
13	NQU Ball, 22Mm - 62374	GG362374	2
14	NQU Head, Nqu O/Shot L/I - 3547851	GG33547851	1
15	NQU Pin, Plain 1/2" X 1-15/16" - 42906	GG342906	1
16	NQU Spring Pin 1/4" X 1-3/4" - 37394	GG337394	1
17	NQU Lifting Dog Spring - 3542027	GG33542027	1
18	NQU Lifting Dog, O/Shot - 3540529	GG33540529	2

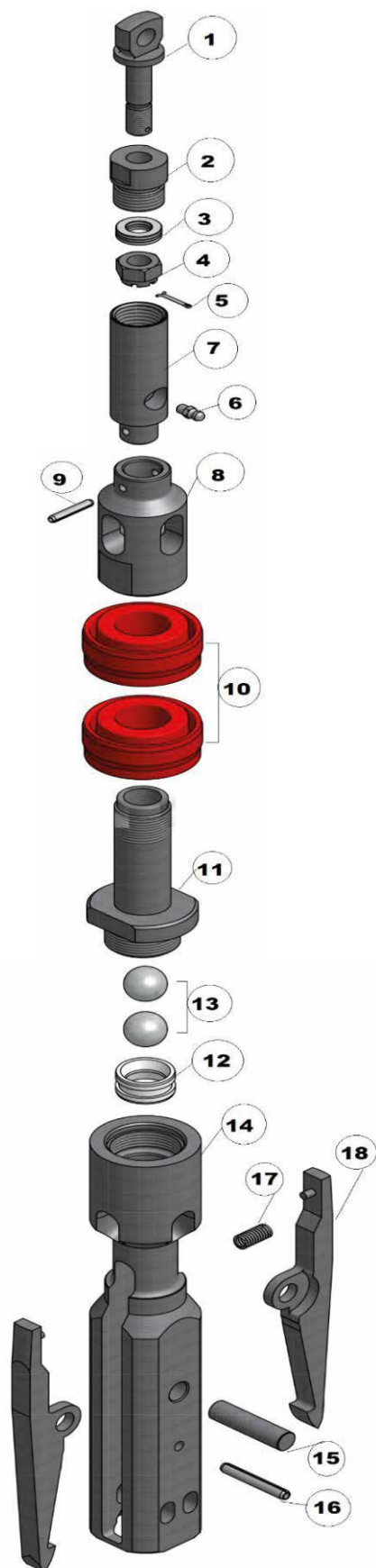


Head Assembly "Link Latch" HQU

ID	DESCRIPTION	PART #	QTY
#	HQU HEAD ASSEMBLY - 3548750	GG3548750	#
1	HQU Spearhead, Point - 42913	GG342913	1
2	HQU Compression Spring - 15141	GG315141	1
3	HQU Detent Plunger - 42914	GG342914	1
4	HQU Spearhead Base - 3540330	GG33540330	1
5	HQU Spirol Pin, 7/16" X 1" - 42905	GG342905	1
6	HQU Latch Retracting Case - 3548749	GG33548749	1
7	HQU Spring Pin, 1/2" X 2-3/4" - 24524	GG324524	2
8	HQU Nylok Bolt, 3/8"-16 X 3/4" G8 - 3541932	GG33541932	1
9	HQU Washer - 104953	GG3104953	1
10	HQU Compression Spring - 3548738	GG33548738	1
11	HQU Upper Latch Body - 3548546	GG33548546	1
12	HQU Latch - 104818	GG3104818	2
13	HQU Link - 3543999	GG33543999	2
14	HQU Spring Pin 1/2" X 2" - 24305	GG324305	1
15	HQU Valve Piston Ball 22Mm - 3548544	GG33548544	1
16	HQU Spring Pin 1/4" X 2-3/4" - 3548718	GG33548718	1
17	HQU Bushing Indicator - 3543904	GG33543904	2
18	HQU Adapter - 3543995	GG33543995	1
19	HQU Pump-In Lip Seal - 100696	GG3100696	2
20	HQU Seal Seat - 3543997	GG33543997	1
21	HQU Landing Shoulder - 104958	GG3104958	1
22	HQU Lower Latch Body - 104957	GG3104957	1
23	HQU Washer Nord-Lock - 3548105	GG33548105	1
24	HQU Hex Nut - 44574	GG344574	1
25	HQU Spindle - 25231	GG325231	1
26	HQU Shut-Off Valve, Hard - 43513	GG343513	2
27	HQU Valve Adjusting Washer - 25233	GG325233	2
28	HQU Ball Thrust Bearing - 24528	GG324528	2
29	HQU Spindle Bearing Bushing - 25234	GG325234	1
30	HQU Ball Thrust Bearing - 24312	GG324312	1
31	HQU Compression Spring Head - 24529	GG324529	1
32	HQU Stover Lock Nut - 103465	GG3103465	1
33	HQU Inner Tube Cap Assembly (34 A, B, C, D) 40678	GG340678	1
33A	HQU Fitting Grease, Hyd - 17447	GG317447	1
33B	HQU Stainless Steel Ball, 22Mm - 62374	GG362374	1
33C	HQU Check Valve Body - 37382	GG337382	1



ID	DESCRIPTION	PART #	QTY
#	HQU QUICK PUMP-IN OVERSHOT - HQU 3547855 - 3547855	GG3547855	#
1	HQU Cable Swivel Eye Bolt - 25991	GG325991	1
2	HQU Collar, Cable Swivel - 25990	GG325990	1
3	HQU Bearing, Ball Thrust - 25986	GG325986	1
4	HQU Nut, Castle Hex 1/2" Unf G2 - 25985	GG325985	1
5	HQU Pin, Cotter 3/32" X 3/4" - 44615	GG344615	1
6	HQU Fitting Grease, Hyd - 17447	GG317447	1
7	HQU Body, Cable Swivel U/G O/Shot - 30183	GG330183	1
8	HQU Body, Hqu Upper O/Shot L/I - 3547853	GG33547853	1
9	HQU Pin, Shear 3/16" X 1-1/8"Lg - 3545136	GG33545136	1
10	HQU Pump-In Lip Seal - 100696	GG3100696	2
11	HQU Seat, Seal Hqu - 3543997	GG33543997	1
12	HQU Landing Indicator Bushing - 62380	GG362380	1
13	HQU Ball, 22Mm - 62374	GG362374	2
14	HQU Head, Hqu O/Shot L/I - 3547854	GG33547854	1
15	HQU Pin, Plain 1/2" X 2 1/8"Lg 3540528	GG33540528	1
16	HQU Spring Pin 1/4" X 2"Lg - 24307	GG324307	1
17	HQU Lifting Dog Spring - 3542027	GG33542027	1
18	HQU Lifting Dog, O/Shot - 3540529	GG33540529	2

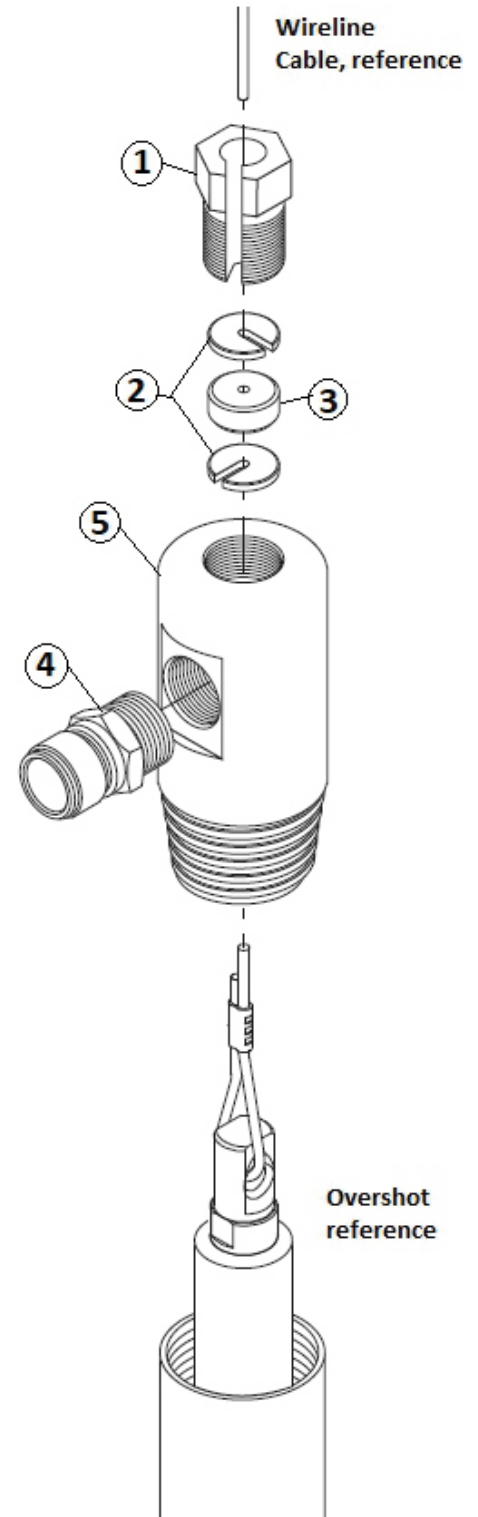


LOADING CHAMBER ASSY NQU

ID #	DESCRIPTION	PART #	QTY
1-5	NQU Loading Chamber Assembly - 3542496	GG3542496	#
1	NQU Packing Plug - 3541817	GG3541817	1
2	NQU Cable Guide Washer 3/16" - 3541816	GG3541816	2
3	NQU Cable Packing - 25546	GG25546	1
4	NQU Quick Coupler Tip #16 Npt - 104597	GG104597	1
5	NQU Loading Chamber Body - 3542497	GG3542497	1
	OPTIONAL		
2A	NQU Cable Guide Washer 1 /4" -	GG3	2
3A	NQU Cable Packing 1 /4" - 66332	GG66332	2

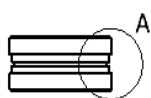
LOADING CHAMBER ASSY HQU

ID #	DESCRIPTION	PART #	QTY
1-5	HQU Loading Chamber Assembly - 3542498	GG3542498	#
1	HQU Packing Plug - 3541817	GG3541817	1
2	HQU Cable Guide Washer 3/16" - 3541816	GG3541816	2
3	HQU Cable Packing - 25546	GG25546	1
4	HQU Quick Coupler Tip #16 Npt - 104597	GG104597	1
5	HQU Loading Chamber Body 3542499	GG3542499	1
	OPTIONAL		
2A	HQU Cable Guide Washer 1 /4" - 66332	GG66332	2
3A	HQU Cable Packing 1 /4" - 1340222	GG1340222	2



INDICATOR BUSHING NYLON

ID #	DESCRIPTION	PART #	QTY
A	Light 22 Mm - 3543904	GG3543904	1
B	Standard Hole 22 Mm 623800	GG3623800	1
C	Deep Hole 22Mm - 3542834	GG35428341	1



HORIZONTALES



ESTÁNDAR



PROFUNDOS



INDICATOR BUSHING STEEL

ID #	DESCRIPTION	PART #	QTY
1	Standard 22 Mm 306131	GG306131	1
2	Heavy Mud 22 Mm - 3543378	GG3543378	1



FLUID RETENTION SPRING

ID #	DESCRIPTION	PART #	QTY
1	Fluid Retention Spring, Light - 104966	GG104966	1
2	Fluid Retention Spring, Medium 104971	GG104971	1
3	Fluid Retention Spring, Heavy 104972	GG104972	1



NQ3 CONVERSION KIT

ID #	DESCRIPTION	PART #	QTY
1	NQ3 Split Tube, 1.5 M (5 Ft) - 26527	GGs26527	1
1A	NQ3 Split Tube, 3.0 M (10 Ft) - 26528	GGs26528	1
2	NQ3 Stop Ring - 26530	GGs26530	1
3	NQ3 Core Lifter, Fluted - 26531	GGs26531	1
4	NQ3 Core Lifter Case - 26529	GGs26529	1
5	NQ3 Core Ejection Piston - 26526	GGs26526	1
6	NQ3 O Ring - 26134	GGs26134	1
7	NQ3 Piston Plug - 26662	GGs26662	1
8	NQ3 Pump-Out Adapter - 26532	GGs26532	1

HQ3 CONVERSION KIT

ID #	DESCRIPTION	PART #	QTY
1	HQ3 Split Tube, 1.5 M (5 Ft) - 26512	GGs26512	1
1A	HQ3 Split Tube, 3.0 M (10 Ft) - 26513	GGs26513	1
2	HQ3 Stop Ring - 26515	GGs26515	1
3	HQ3 Core Lifter, Fluted - 26516	GGs26516	1
4	HQ3 Core Lifter Case - 26514	GGs26514	1
5	HQ3 Core Ejection Piston - 26510	GGs26510	1
6	HQ3 O Ring - 20651	GGs20651	1
7	HQ3 Piston Plug - 26662	GGs26662	1
8	HQ3 Pump-Out Adapter - 26517	GGs26517	1

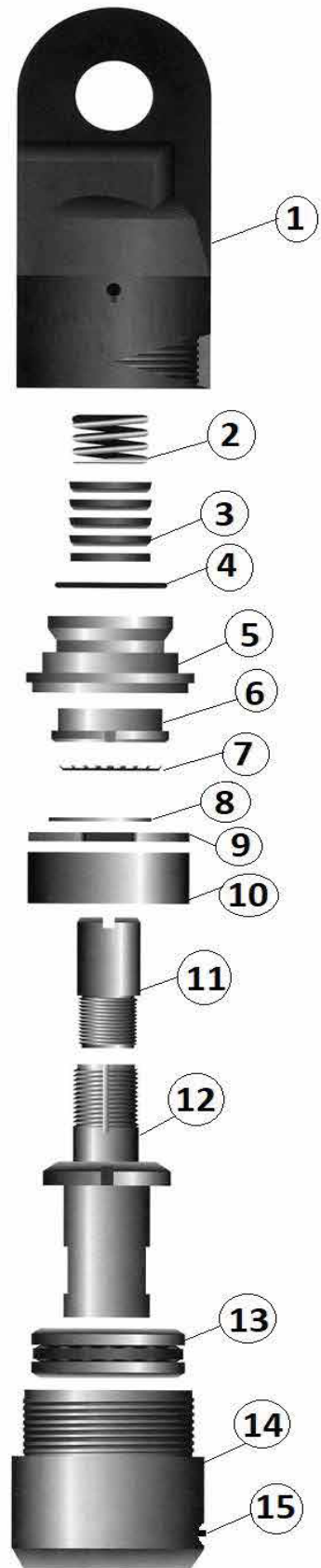
PQ3 CONVERSION KIT

ID #	DESCRIPTION	PART #	QTY
1	PQ3 Split Tube, 1.5 M (5 Ft) - 26180	GGs26180	1
1A	PQ3 Split Tube, 3.0 M (10 Ft) - 26710	GGs26710	1
2	PQ3 Stop Ring - 26176	GGs26176	1
3	PQ3 Core Lifter, Fluted - 26177	GGs26177	1
4	PQ3 Core Lifter Case - 26160	GGs26160	1
5	PQ3 Core Ejection Piston - 26179	GGs26179	1
6	PQ3 O Ring - 26178	GGs26178	1
7	PQ3 Piston Plug - 26662	GGs26662	1
8	PQ3 Pump-Out Adapter - 26182	GGs26182	1

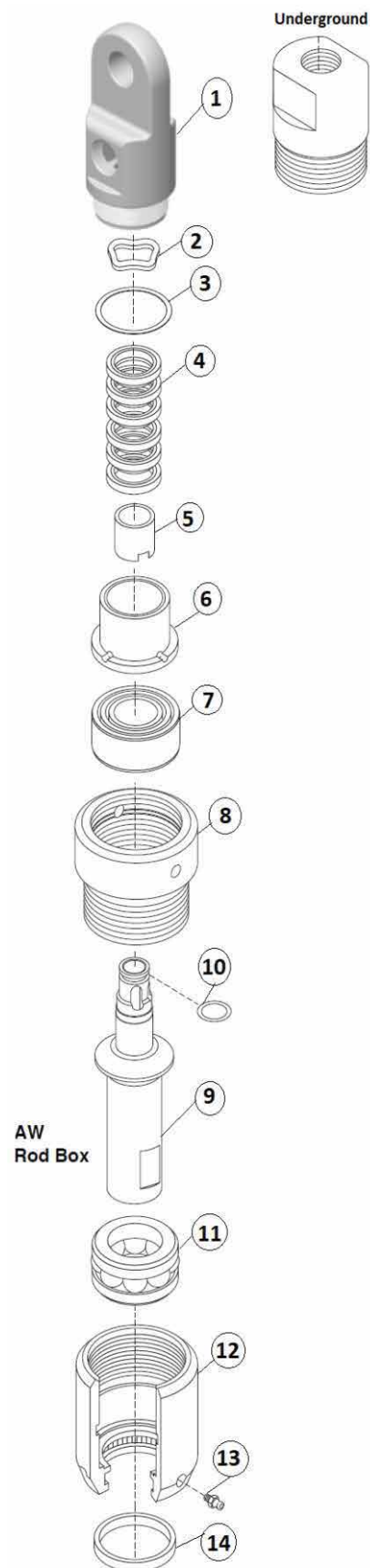


Water Swivel Universal

ID	DESCRIPTION	PART #	QTY
#	UWS Universal Water Swivel Assy - 67321	GG67321	#
1	UWS Hoisting Cap - 39169	GG639169	1
2	UWS Compression Spring - 39168	GG639168	1
3	UWS Swivel Packing - 39171	GG639171	1
4	UWS O Ring - 29737	GG629737	1
5	UWS Package Housing - 39172	GG639172	1
6	UWS Spindle Nut - 67325	GG667325	1
7	UWS Lock Washer - 67186	GG667186	1
8	UWS Spacer - 67322	GG667322	1
9	UWS Retaining Ring - 40965	GG640965	1
10	UWS Ball Bearing - 19906	GG619906	1
11	UWS Spindle Extension - 39170	GG639170	1
12	UWS Spindle - 67324	GG667324	1
13	UWS Ball Thrust Bearing - 67187	GG667187	1
14	UWS Swivel Body, Bw R/B - 67631	GG667631	1
15	UWS Grease Fitting - 17447	GG617447	1

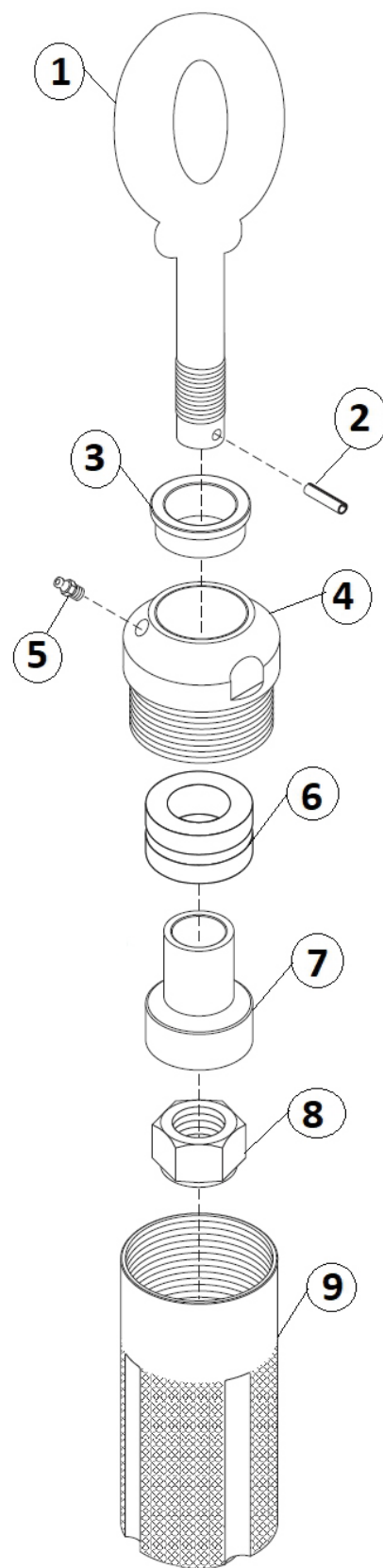


ID	DESCRIPTION	PART #	QTY
#	Compact Plus Water Swivel Assy - 3546952	GG3546952	#
1	Swivel Cap - 3546529	GG3546529	1
2	Wavy Washer - 23863	GG23863	1
3	O Ring - 19678	GG19678	1
4	Swivel Packing 23861	GG23861	1
5	Slotted Wear Sleeve - 3546530	GG3546530	1
6	Packing Cage - 23866	GG23866	1
7	Thrust Ball Bearing - 20324	GG20324	1
8	Upper Swivel Body - 3546531	GG3546531	1
9	Spindle - 3546907	GG3546907	1
10	O Ring - 20169	GG20169	1
11	Thrust Ball Bearing 3546908	GG3546908	1
12	Lower Swivel Body - 3546909	GG3546909	1
13	Grease Fitting - 17447	GG17447	1
14	Felt Seal - 25612	GG25612	1



Hoisting Plug 30,000 Lbs

ID	DESCRIPTION	PART #	QTY
#	Hoisting Plug Assy 30,000 Lbs - 3542898	GG3542898	#
1	Eye Bolt - 3542899	GG3542899	1
2	Spring Pin 1/4" X 2" - 24307	GG24307	1
3	Wear Sleeve - 3542900	GG3542900	1
4	Bearing Housing - 3542901	GG3542901	1
5	Grease Fitting - 17447	GG17447	1
6	Thrust Bearing - 3542902	GG3542902	1
7	Shaft Sleeve - 3542903	GG3542903	1
8	Stover Lock Nut - 3542914	GG3542914	1
9	Lower Housing - 3542904	GG3542904	1



LOCKING COUPLING

ID #	DESCRIPTION	PART #
1	BQ Locking Coupling W/TANG – 12-21-334 / 24832	GGs24832
2	NQ Locking Coupling W/TANG – 12-21-435 / 24895	GGs24895
3	HQ Locking Coupling W/TANG – 12-21-535 / 25240	GGs25240
4	PQ Locking Coupling W/TANG – 12-21-635 / 101343	GGs101343



LOCKING COUPLING FULL HOLE

ID #	DESCRIPTION	PART #
1	BQ Locking Coupling FH W/TANG - 3545400	GGs3545400
2	NQ Locking Coupling FH W/TANG - 3545405	GGs3545405
3	HQ Locking Coupling FH W/TANG - 3545409	GGs3545409

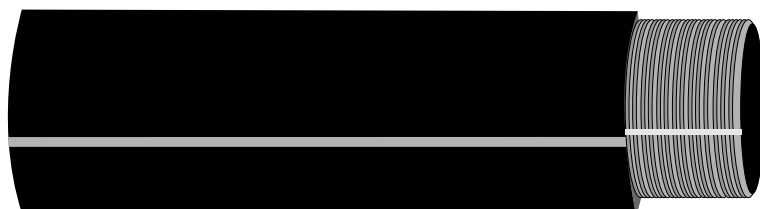


ADAPTER COUPLING

ID #	DESCRIPTION	PART #
1	BQ Adapter Coupling – 12-21-335 / 24833	GGs24833
	NQ Adapter Coupling – 12-21-435 / 24896	GGs24896
	HQ Adapter Coupling – 12-21-535 / 25241	GGs25241
4	PQ Adapter Coupling – 12-21-635	GGs1221635

ADAPTER COUPLING UNDERGROUND

ID #	DESCRIPTION	PART #
1	BQU Adapter Coupling – 3546704	GGs3546704
2	NQU Adapter Coupling – 3546706	GGs3546706
3	HQU Adapter Coupling – 3546707	GGs3546707

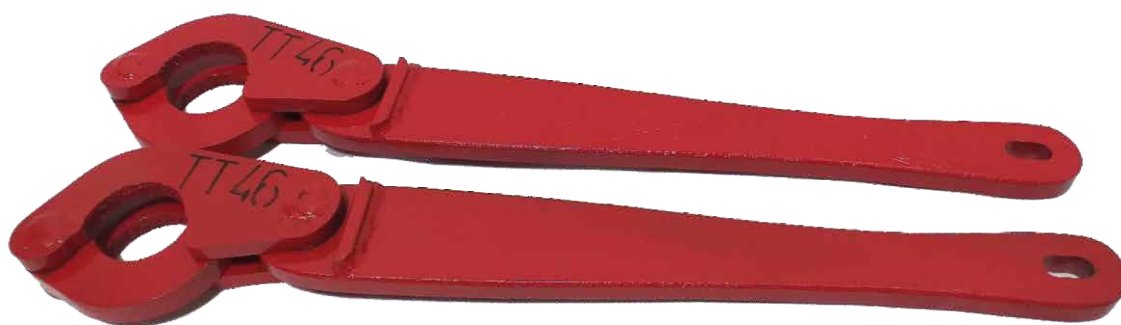


ID #	DESCRIPTION	PART #
1	ADAPTADOR AW PIN – HQ DRILL ROD PIN	GGs
2	ADAPTADOR AW PIN – NQ DRILL ROD PIN	GGs
3	ADAPTADOR AW PIN – BQ DRILL ROD PIN	GGs
4	ADAPTADOR BW PIN HQ DRILL ROD PIN	GGs
5	ADAPTADOR BW PIN – NQ DRILL ROD PIN	GGs
6	ADAPTADOR BW PIN – BQ DRILL ROD PIN	GGs
7	ADAPTADOR NW PIN – HQ DRILL ROD PIN	GGs
8	ADAPTADOR NW PIN NQ DRILL ROD PIN	GGs
9	ADAPTADOR NQ BOX– HQ DRILL ROD PIN	GGs
10	ADAPTADOR HWT BOX– HQ DRILL ROD PIN	GGs



INNER TUBE WRENCH

ID #	DESCRIPTION	PART #	QTY
1	AQ Inner Tube Wrench - 52604	GG52604	1
2	BQ Inner Tube Wrench - 25318	GG525318	1
3	NQ Inner Tube Wrench - 25319	GG525319	1
4	HQ Inner Tube Wrench - 28255	GG528255	1
5	PQ Inner Tube Wrench - 26171	GG526171	1



OUTER TUBE WRENCH

ID #	DESCRIPTION	PART #	QTY
1	AQ Outer Tube Wrench -	GG5	0
2	BQ Outer Tube Wrench - 25319	GG525319	0
3	NQ Outer Tube Wrench - 28255	GG528255	0
4	HQ Outer Tube Wrench - 28260	GG528260	0
5	PQ Outer Tube Wrench - 45804	GG545804	0



LLAVE STILLSON HEAVY DUTY ASSY

Part Number	Description	Weight	
		Lbs.	Kgs.
GG31025	Straight Pipe Wrench x 18"	5.79	2.63
GG31030	Straight Pipe Wrench x 24"	9.36	4.25
GG31035	Straight Pipe Wrench x 36"	18.68	8.48
GG31040	Straight Pipe Wrench x 48"	30.79	13.98

PARTS

#	Description
1	Wrench Nut
2	Heel Jaw & Pin
3	Coil & Flat Spring
4	Hook Jaw



Wireline Drill Rod Heat Treated



Size	Length	Part Number	Weight
B W/L	5FT/1.5M	C-30-31-305	20 lbs.
B W/L	10FT/3M	C-30-31-310	40 lbs.
N W/L	5FT/1.5M	C-30-31-405	25 lbs.
N W/L	10FT/3M	C-30-31-410	51 lbs.
H W/L	5FT/1.5M	C-30-31-505	39 lbs.
H W/L	10FT/3M	C-30-31-510	77 lbs.



ID#	PART #	DESCRIPTION	QTY
1-12	52775	BW Casing Cutter Assembly	
1	61265	Retaining Ring	1
2	52776	Plunger Case	1
3	21837	Stainless Steel Ball, 15/16"	1
4	14520	Water Tube	1
5	14519	Plunger	1
6	15260	Shear Pin	1
7	14522	Spring	1
8	14521	Spring Rest	1
9	14517	Body	1
10	14523	Casing Cutter Lug	2
11	14587	Casing Cutter Pin	2
12	44663	Set Screw, 1/4" UNC x 3/8"	1

ID#	PART #	DESCRIPTION	QTY
1-12	52777	NW Casing Rod Cutter Assembly	
1	61460	Retaining Ring	1
2	52778	Plunger Case	1
3	26157	Stainless Steel Ball, 1-1/8"	1
4	14529	Water Tube	1
5	14528	Plunger	1
6	22834	Shear Pin, 3/16" x 1-11/16"	1
7	14531	Spring	1
8	14530	Spring Rest	1
9	14526	Body	1
10	14532	Casing Cutter Lug	2
11	14588	Casing Cutter Pin	2
12	44663	Set Screw, 1/4" x 3/8" UNC	1

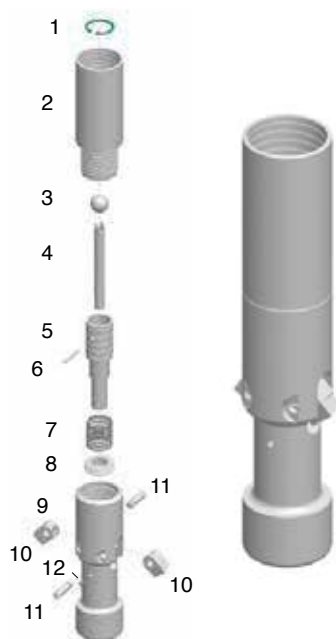
ID#	PART #	DESCRIPTION	QTY
2-9	60879	HW Casing Cutter Assembly	
2	61460	Retaining Ring	1
3	26157	Stainless Steel Ball, 1-1/8"	1
4	14528	Plunger	1
5	22834	Pin, 3/16" / 5 mm	1
6	14531	Spring	1
7	60880	Body	1
8	62830	Casing Cutter Lug	2
9	36216	Spring Pin, 7/16" x 3"	2

Aplicaciones del cortador de revestimiento HW:

- Se utiliza para cortar tubería de revestimiento HW/HWT o varilla "P" en cualquier punto en un pozo de perforación cuando el no se puede recuperar toda la cadena de tuberías. y
- Conexión a caja HQ rod box.

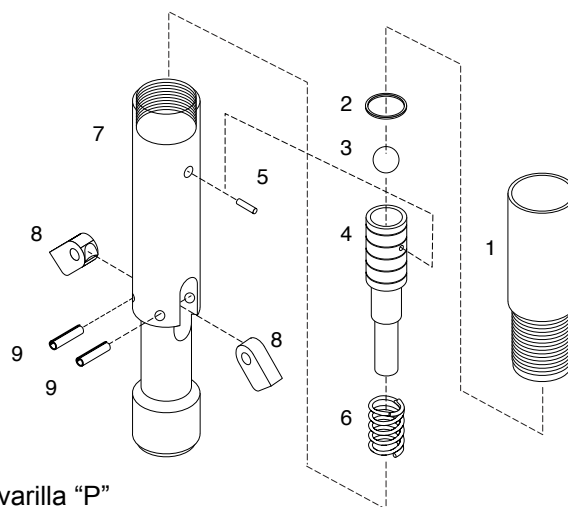
Aplicaciones del cortador de revestimiento BW:

- Se utiliza para cortar tubería de revestimiento BW o varilla "N" en cualquier punto en un pozo de perforación cuando elno se puede recuperar toda la cadena de tuberías.
- Conexión de caja BQ rod box.



Aplicaciones del cortador de revestimiento NW:

- Se utiliza para cortar tubería de revestimiento NW o varilla "H" en cualquier punto en un pozo de perforación cuando el no se puede recuperar toda la cadena de tuberías.
- Conexión a caja NQ rod box.



Rod Recovery Taps

PART #	DESCRIPTION	KG	LB
Rod Recovery Taps			
306076	BQ Rod Recovery Tap	2.60	5.70
306034	NQ Rod Recovery Tap	3.90	8.50
306079	HQ/HRQ Rod Recovery Tap	5.50	12.10
3542968	HW/HWT Rod Recovery Tap	11.34	24.95

Características de los Machuelos de recuperación de varillas:

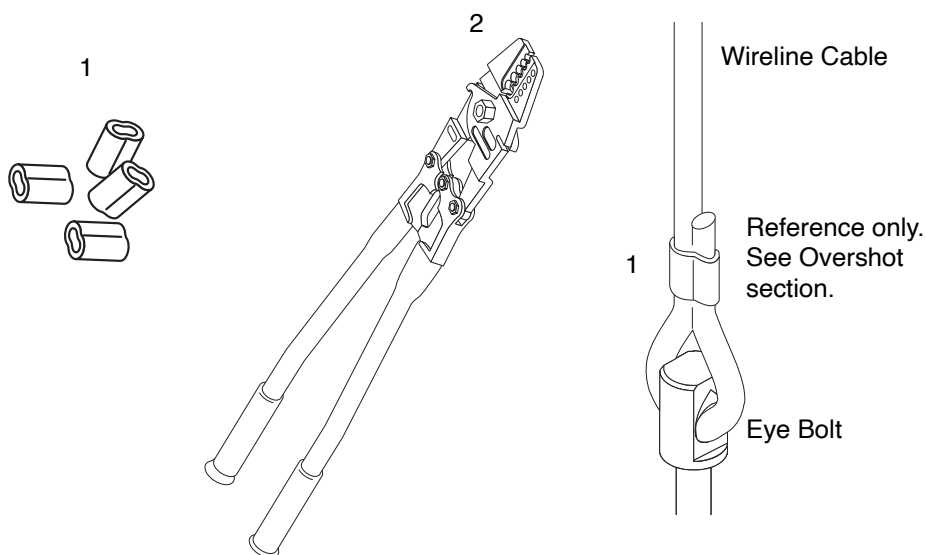
- Ofrecemos machuelos de recuperación de varillas que tienen paredes paralelas y autorroscantes con hilos para una penetración completa, mejorado la conexión de recuperación y vida útil mas prolongada
- Rosca a la derecha
- Conexión a caja "Q" rod box.



These items are used in conjunction with wireline cable.

ID #	PART #	DESCRIPTION	KG	LB
1	30172	Oval Sleeve, 3/16" or 5 mm	0.05	0.10
1	60382	Oval Sleeve, 1/4"	0.02	0.05
2	30171	Crimping Tool	2.10	4.60

CAUTION: Sleeves elongate after compression. To assure maximum holding, allow the end of the cable to extend beyond the sleeve after it is compressed. All compressions must be gauged to assure maximum holding strength, and it is recommended that all assemblies should be proof-tested.



Rod Lifter

Entendemos que las principales lesiones en los lugares de trabajo involucran las manos. Para mantener a los trabajadores seguros, hacemos esfuerzos significativos para eliminar los riesgos relacionados con el trabajo a través de la ingeniería de productos.

Presentamos la herramienta manual para sujetar, elevar y transportar la tubería de perforación, con superficie de agarre especial que no daña ni deforma la tubería.

Beneficios:

- Los insertos reemplazables prolongan significativamente la vida útil total de la llave.
- La superficie de inserción especialmente diseñada para fuerza de agarre mientras minimiza la fricción y daño en hilo.
- Mantiene el adecuado transporte de la tubería manteniendo la ergonomía del cuerpo.
- Evita accidentes de corte por aprisionamiento y otras lesiones en las manos.
- Mango ergonómico con superficie sintética anti deslizante



Split Tube Loader

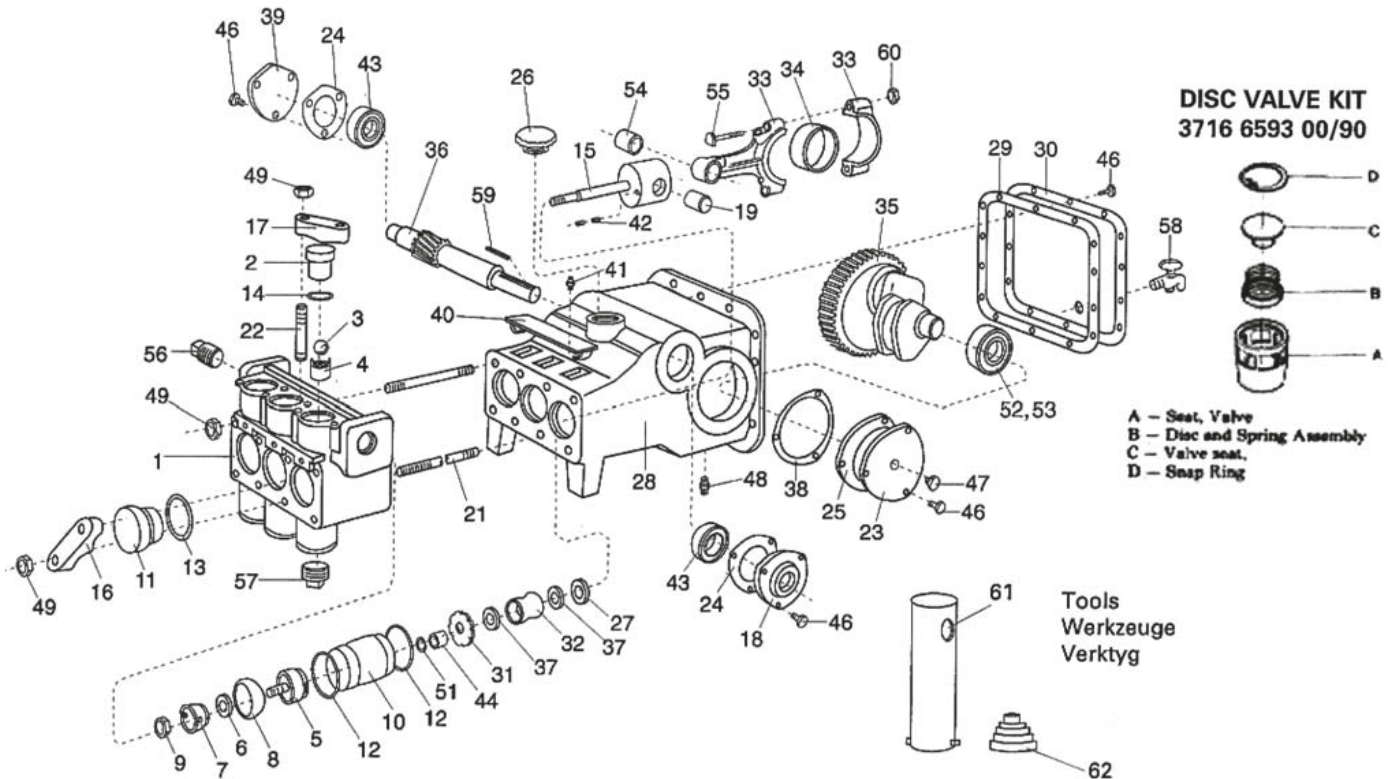
Presentamos el guiador de tubos divididos SPLIT TUBE LOADER.

En el campo, a menudo se documenta que los tubos partidos y la cubierta exterior se vuelven afilados y contienen rebabas de metal. Los empleados han recibido continuamente laceraciones y lesiones en las manos debido a estas condiciones, muchas veces incluso a través de los guantes.

El Split Tube Loader es una herramienta innovadora diseñada para eliminar estas lesiones y una mejor guía de las cañas partidas.

Beneficios:

- Se adapta ergonómicamente a las manos de los perforadores, manteniendo los dedos alejados de áreas peligrosas
- Se adapta a múltiples diámetros de tubo partido para una mejor alineación y guía con un solo dispositivo
- Elimina el contacto de la mano con bordes afilados



Item	Description	No. req'd	420	Longyear#	435	Longyear#	Item	Description	No. req'd	420	Longyear#	435	Longyear#
1	Chamber	1	6321	79319	1-284-777	79325	35	Eccentric gear assy	1	1-279-071	79214	1-285-094	79122
2	Valve cover	3	A5003	75009	1-285-113	79882	36	Pinion shaft	1	1-265-098	79086	1-266-790	79116
3	Ball	6	1-101-418	25307	1-101-419	26157		Pinion shaft - double-sided (not shown)	1			34654	
4	Valve seat	6	1-225-327	79614	1-284-740	79324	37	Plunger rod seal	6	1-283-603	79316	1-177-489	79321
	Valve seat (special)	6			1-225-326		38	Shim	A/R	1-252-594	79084	1-252-595	79113
	Valve seat (mud type)	6	1-256-641		1-278-104		39	Bearing cap	1	1-225-769	79073	1-266-789	79108
5	Plunger cup	3	8495	75028	91663	75037	40	Cover plate assy	1	1-214-260	79071	1-215-009	
6	Washer	3	1-207-289	75059	1-216-753	75062	41	Lube fitting	3	70-10-119	16634	70-10-119	16634
7	Plunger nut	3	A5016	75021	A5016	75012	42	Set screw	6	1-103-470	79090	1-182-554	79904
8	Packing	3	A3434N		A268N	79606	43	Ball bearing	2	1-104-444	19720	1-272-558	75081
9	Spec nut	3	8309	75027	8309	75027	44	Seal holder	3	1-281-655	79335		
10	Cylinder						46	Capscrew hex head	14	1-106-910	44538	1-106-980	44529
	(porcelain lined steel)	3	A5034	79066	91664	75038	46	Capscrew hex head	12	1-106-914	44511		44530
11	Cylinder head	3	A5002	75008	1-285-112	63684	47	Capscrew hex head	2		44529		44525
12	Gasket cyl	6	1-280-024	75066	1-279-676	79322	48	Plug 1/2	2	1-187-048	79112	1-187-048	79112
13	Gasket cyl head	3	1-280-025	75068	1-279-674	79323	49	Nut hex 1/2-13	14	1-121-497	44525	1-121-499	44526
14	Gasket valve cover	3	1-280-026	75067	1-279-675	79334	50	Washer, lock			79901		
15	Crosshead & rod	3	1-250-876	79087	1-252-939	75072		(not shown)	1				
16	Clamp cyl head	3	1-271-415	79060	80392	79101	51	O-Ring for plunger cup	3	1-101-176	79327	1-101-176	79327
17	Clamp valve cover	3	1-271-716	79063	80391	78541	52	Cone bearing	2	1-101-242	79218	1-177-473	79121
18	Bearing cap	1	A5005	79074	80795	79109	53	Cup bearing	2	1-177-287	79219	1-177-474	79120
19	Pin	3	A5006	78540	91014	75076	54	Bushing	3	A5046	78544	9226	75032
20	Stud cyl	2	A5009	75010	91672	75042	55	Bolt	6	18743	79091	18744	78547
21	Cyl cover stud	6	A5011	75011	1-279-602	75041	56	Cap plug	2	1-177-201	19109		
22	Valve clamp stud	6	A5012	78545	A5076	75022	57	Cap plug	3	1-177-203	18475		
23	Bearing Housing	2	1-279-064	79215	1-248-369	79114		Plunger rod packing					
24	Gasket	2	A5026	79075	91674	75044		(not shown)	3	5120			
25	Gasket	2	A5025	79083	A91675	75043	58	Petcock	1	1-187-039	79098	1-187-039	79098
26	Oil Cap	1	A5054	79081	A5054	79081	60	Nut 1/2-20 elas. Stop	6			1-101-270	60899
27	Packing Washer	3	1-283-602	79318	19510	79748		Plunger cup remover	1	A5049	75019	A5049	75019
28	Pump case	1	5260537	79212	5-257-698	79105		Baffle retaining screw					
29	Gasket cover	1	1-279-065	79217	A91676	75045		(not shown)	4	1-101-151		1-101-151	
30	Cover assembly	1	1-279-063	79096	1-250-332	79123		Baffle, upper					
31	Packing nut	3	1-283-600	79317	1-266-323	79326		(not shown)	1	1-265-075		1-265-823	
32	Sleeve	3	1-283-601	79332	1-266-365	79320		Baffle, lower(not shown)	1	1-265-075		1-265-825	
33	Connecting rod	3	18710	78538	18711	75077							
34	Bearing insert (pair)	3	1-280-909	75079	1-280-910	75033							



ASSEMBLY - BRADLEY

Description	Part No.	Weight	
		lb	kg
Relief Valve Assy	72 00 016	7.5	3.4
Capacity: 0-1500 p.s.i.			
Maximum Load: 1500 p.s.i./ 10.3 Mpa			

ASSEMBLY - LONGYEAR

Description	Part No .	Weight	
		lb	kg
Relief Valve Assy	3546492	7.5	3.4
Capacity: 0-1500 p.s.i.			
Maximum Load: 1500 p.s.i./ 10.3 Mpa			

NOTES



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