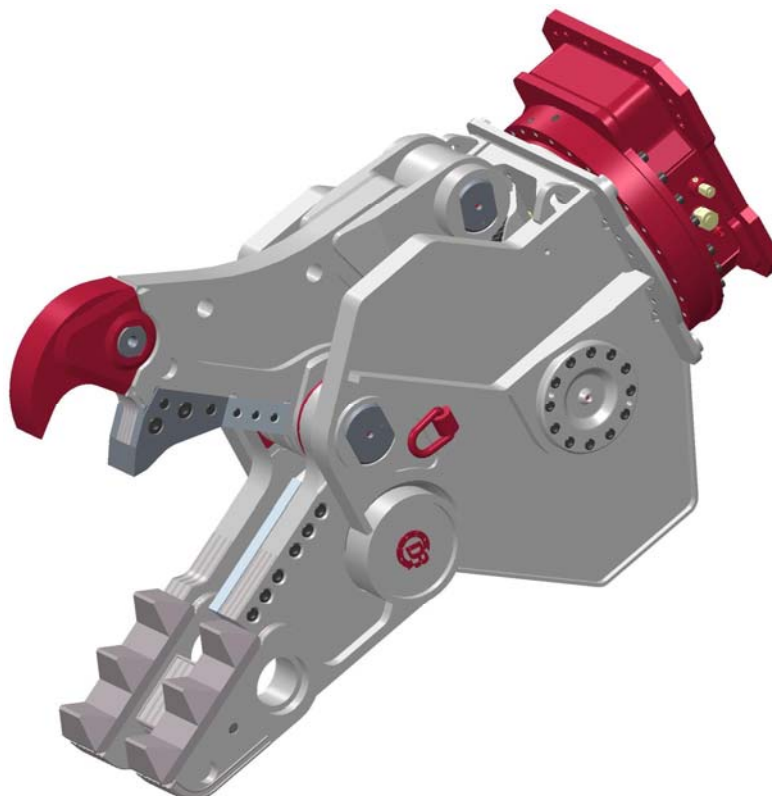




Partsbook
for
Rotatable Combi Shear
DRC-30

Product	Part Number	Ref.
DRC-30 Serie 3	DRC30H090CAA5	



Partsbook_drc30h090caa5-a.docx

August 2014

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Rotatable Combi Shear

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Date

August 2014

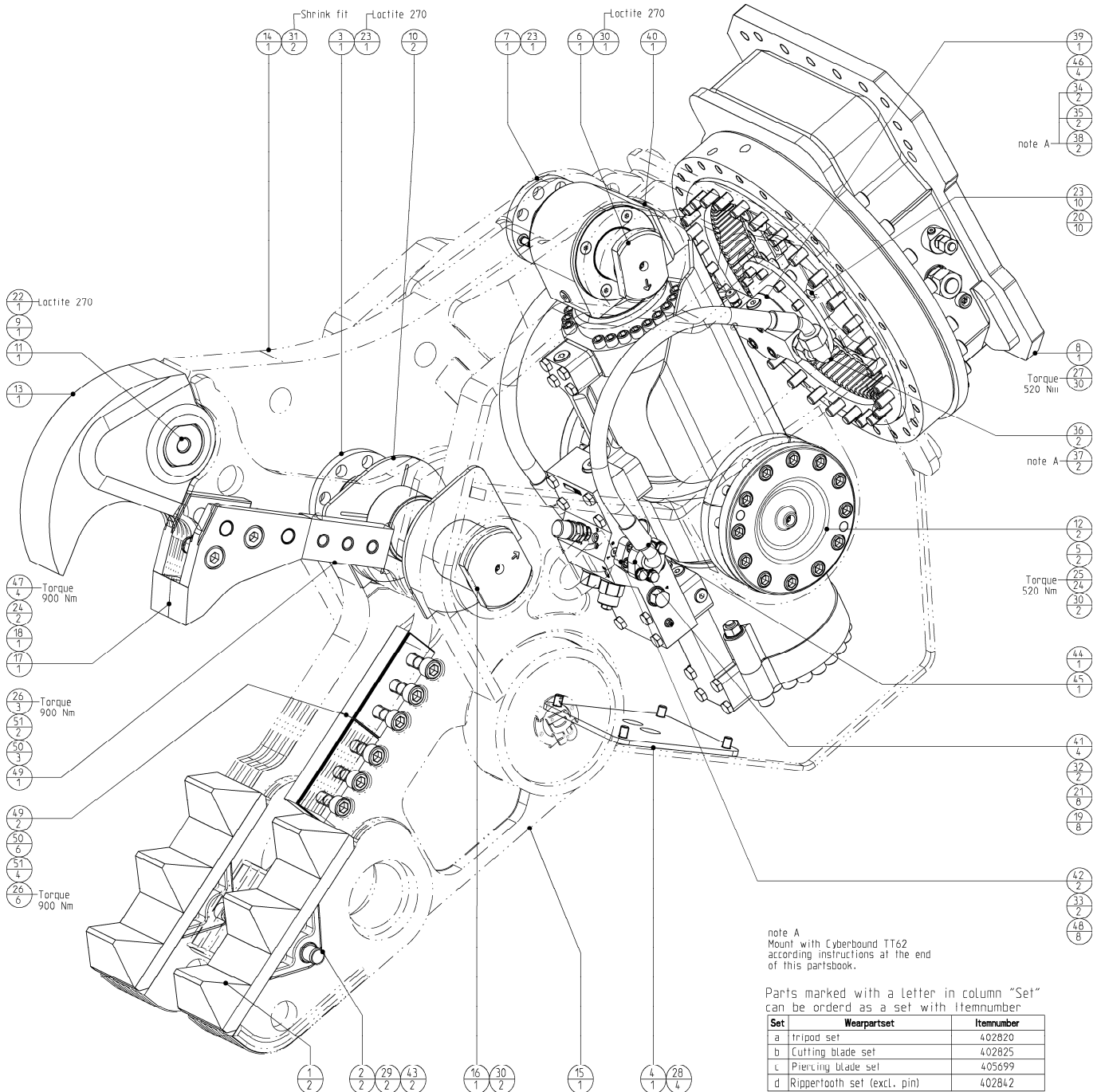
Product type

DRC-30

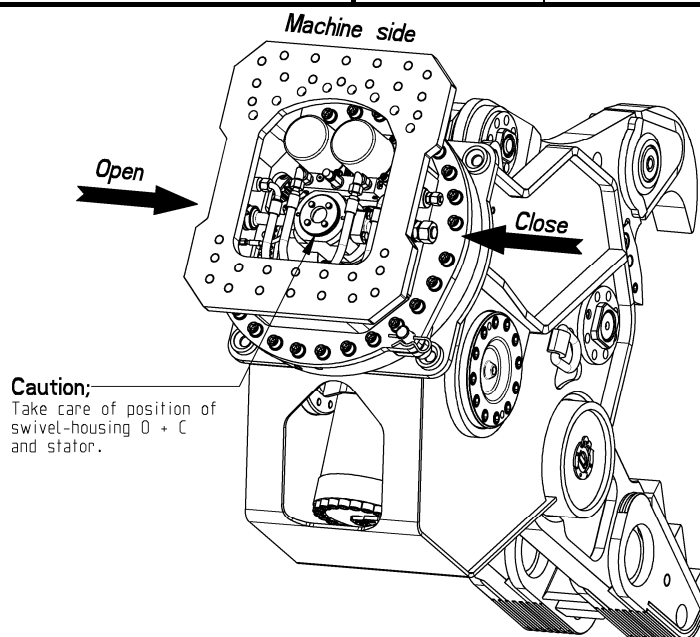
Housing GP

Number

DRC30H090CAA5-A

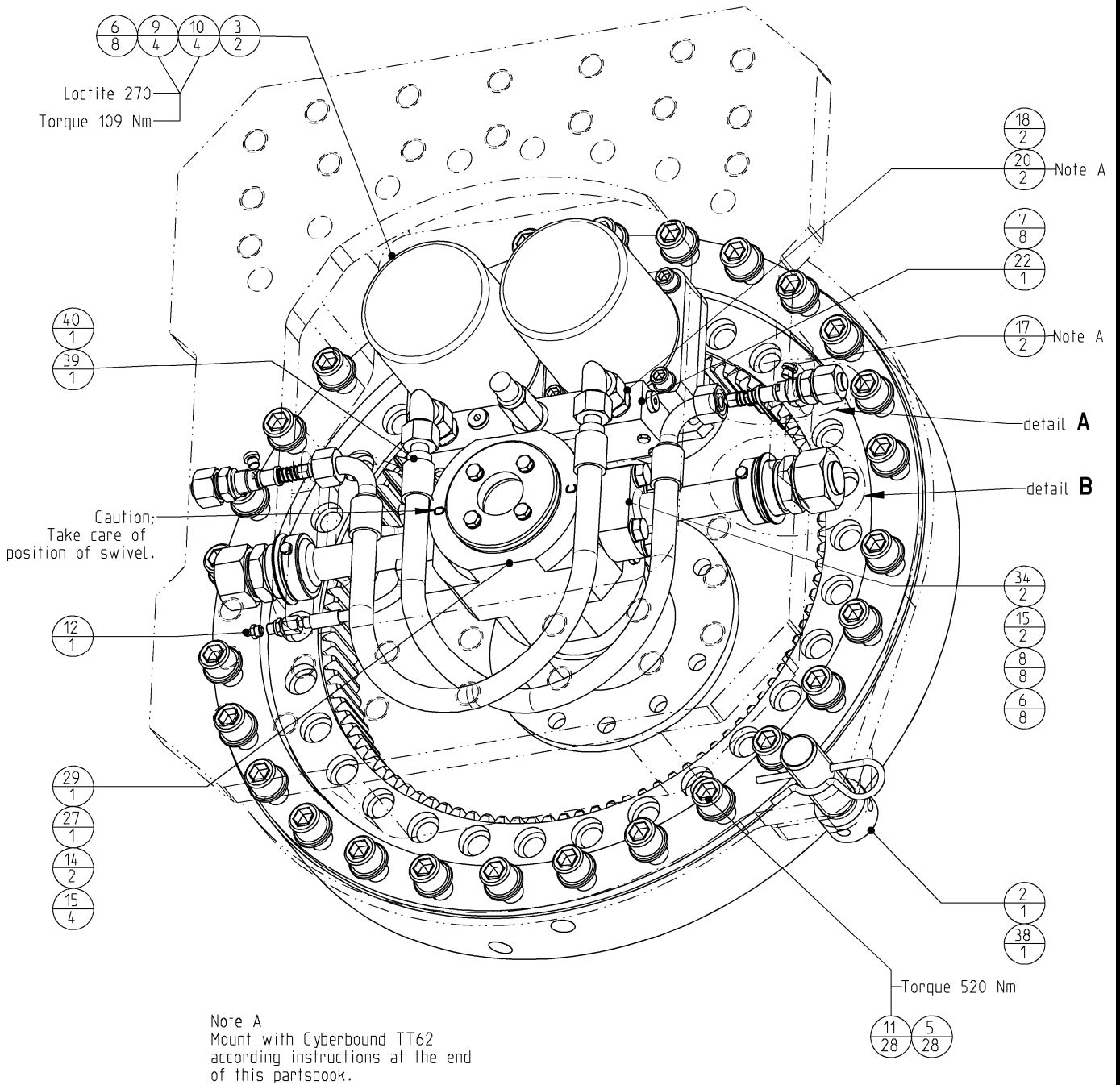


Rotatable Combi Shear	Page	2	of	23
	Date	August 2014		
	Product type	DRC-30		
Housing GP	Number	DRC30H090CAA5-A		

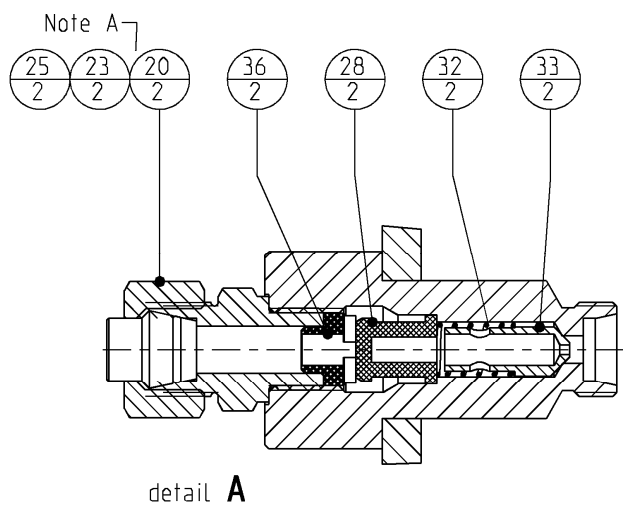
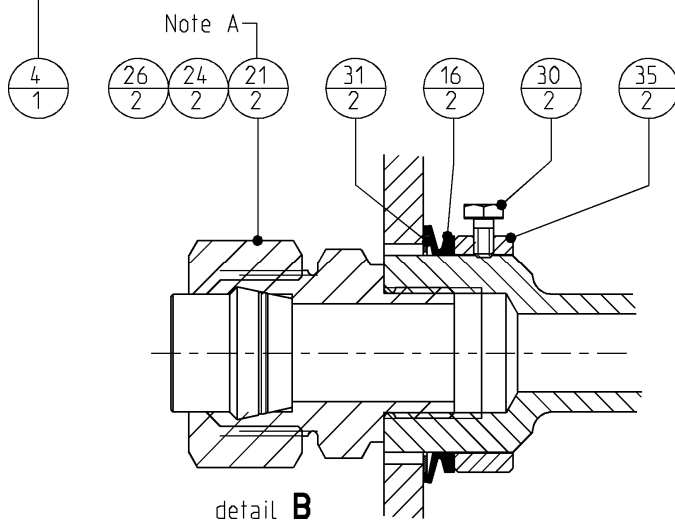
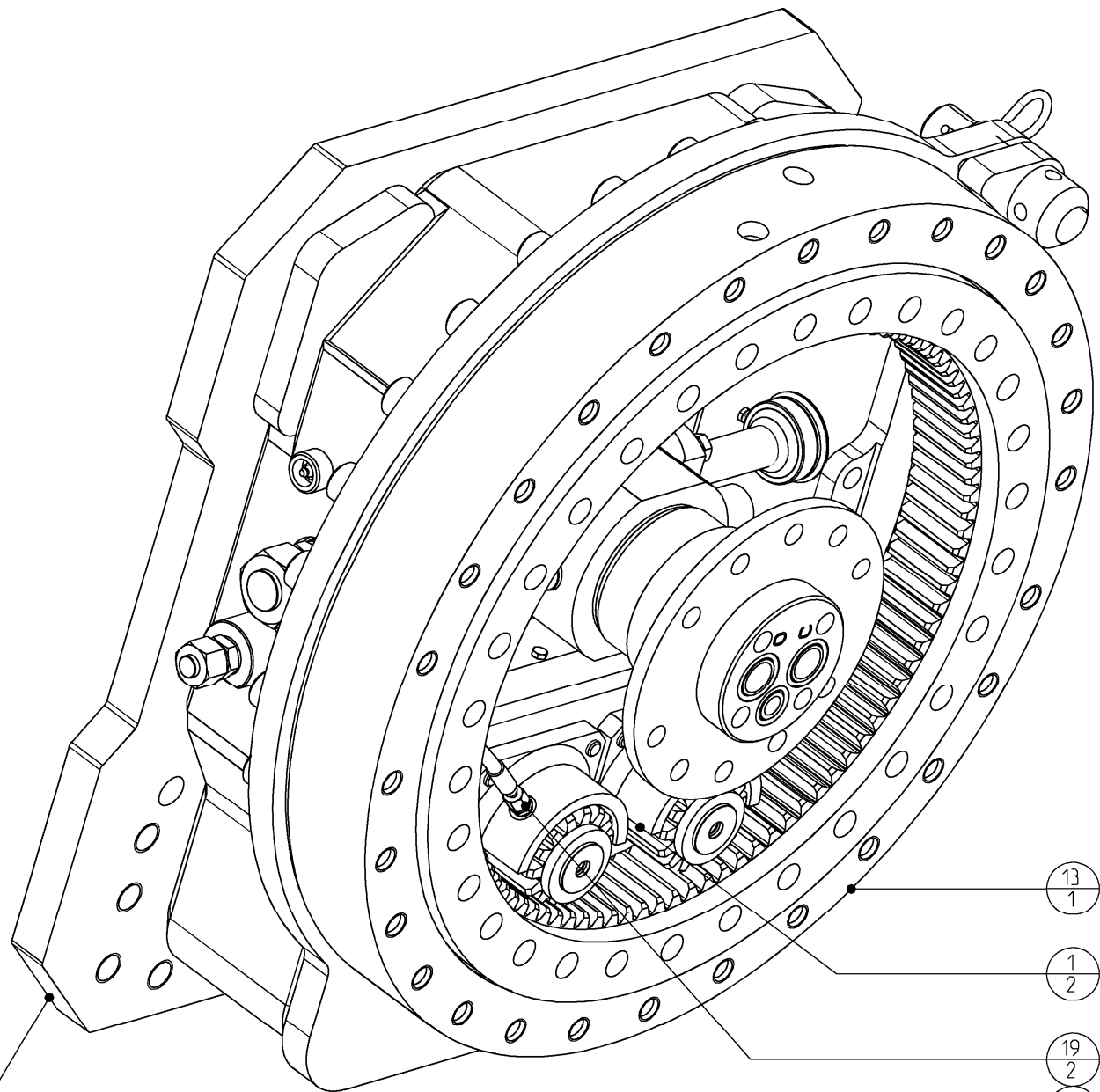


						28	500358	Flat countersunk head cap screws	4
						27	500302	Hex. socket head cap screw	30
					b	26	500285	Hex. socket head cap screw	9
						25	500275	Hex. socket head cap screw	24
					c	24	500265	Hex. socket head cap screw	2
b	51	508022	Shim - straight	6		23	500258	Hex. socket head cap screw	12
b	50	508021	Shim - straight	9	d	22	500144	Bolts Hexagon	1
b	49	508020	Shear - blade straight	3		21	500134	Bolts Hexagon	8
	48	506051	Hex. socket head cap screw	8		20	500069	Washer spring	10
c	47	506023	Shoulder bolt	4		19	500053	Washer HV	8
	46	506021	Hex. socket head cap screw	4	c	18	405701	Blade - LH	1
	45	505151_RH_RM-DRC30	Hydr. hose RH asm. 3/4" SAE 100R10	1	c	17	405700	Blade - RH	1
	44	505151_LH_RM-DRC30	Hydr. hose RH asm. 3/4" SAE 100R10	1		16	404348	Pin	1
a	43	504053	O-ring	2		15	404321	Housing asm. machined	1
	42	503649	SAE Reducer flange	2		14	403131	Jaw - upper asm.	1
	41	503503	SAE split - flange	4	d	13	402922	Ripper - tooth	1
	40	501290	Hydraulic Cylinder & Valve GP	1		12	402916	Bearing housing	2
	39	501035	Swivel - flange	1		11	402163	Lock - pin	1
	38	500740	Test-point	2		10	402105	Spacer	2
	37	500695	Male stud coupling	2	d	9	401965	Lock - cover	1
	36	500675	Adjustable male stud elbow	2		8	401766	Rotatorhead GP	1
	35	500653	Blanking end	2		7	401441	Locknut	1
	34	500652	Blanking end	2		6	401440	Pin	1
	33	500603	O-ring	2		5	401437	Ring	2
	32	500601	O-ring	2		4	401416	Cover	1
	31	500572	Bushing	2		3	401313	Locknut	1
	30	500560	Grease - nipple	5	a	2	401311	Lock - pin	2
a	29	500559	Tension bush - outside	2	a	1	401194	Shroud - tripod	2
					Set	POS	PARTNUMBER	PARTNAME	QT

Rotatable Combi Shear	Page	3	of	23
	Date	August 2014		
	Product type	DRC-30		
Rotatorhead GP	Number	401766-11		

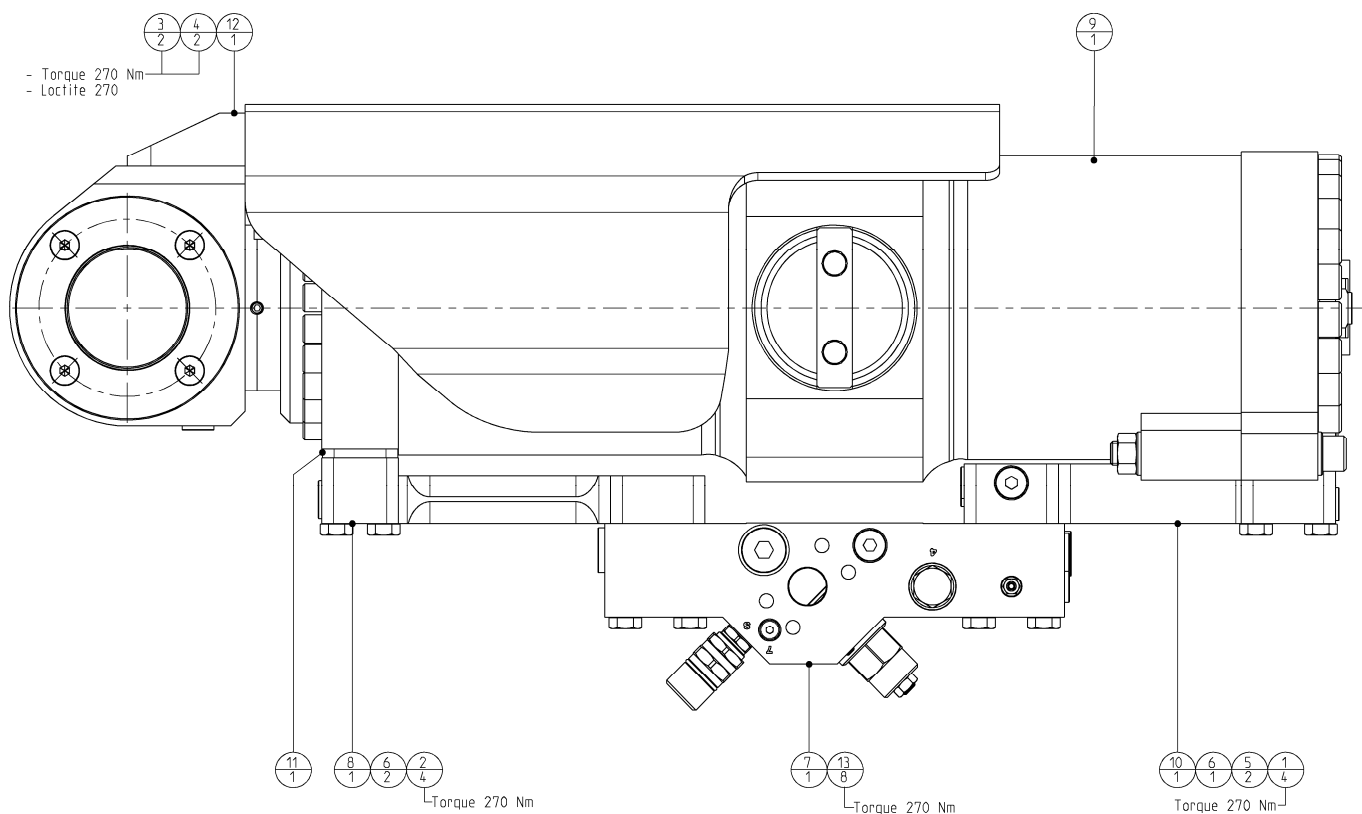


Rotatable Combi Shear	Page	4	of	23
	Date	August 2014		
	Product type	DRC-30		
Rotatorhead GP	Number	401766-11		



Rotatable Combi Shear				Page		5		of		23	
				Date		August 2014					
				Product type		DRC-30					
Rotatorhead GP				Number		401766-11					
					25	500945	Blanking plug				2
					24	500943	Nut coupling				2
					23	500940	Nut coupling				2
					22	500758	Valve GP				1
					21	500698	Male stud coupling				2
					20	500693	Male stud coupling				4
					19	500690	Male stud coupling				2
					18	500673	Adjustable male stud elbow				2
					17	500649	Blanking end				2
					16	500621	Seal				2
40	500840_VG02	Hydr. hose asm. 1/2" SAE 100 R2AT	1		15	500601	O-ring				6
39	500840_VG01	Hydr. hose asm. 1/2" SAE 100 R2AT	1		14	500600	O-ring				2
38	500504-3	Locking pin (hair-pin)	1		13	500591	Stewing Ring; Internal Gear				1
37	296012429_VG01	Hydr. hose asm. 3/16" SAE 100R1AT	1		12	500560	Grease - nipple				1
36	773058645	Drossel - ring	2		11	500302	Hex. socket head cap screw				28
35	773057512	Ring - adjusting	2		10	500255	Hex. socket head cap screw				4
34	773056990	Hydraulic flange - pipe	2		9	500253	Hex. socket head cap screw				4
33	273058601	Cone - valve + restriction	2		8	500135	Bolts Hexagon				8
32	165050749	Spring	2		7	500099	Bolts Hexagon				8
31	122010270	Ring - shim	2		6	500068	Washer spring				16
30	120014016	Bolts Hexagon	2		5	500055	Washer HV				28
29	502286	Swivel GP	1		4	404605	Rotatorhead asm. machined				1
28	502000	Filter	2		3	401201	Motor GP				2
27	501074	Swivel - Flange Intermed.	1		2	400066	Lock - pin				1
26	500948	Blanking plug	2		1	400063	Cap - Pinion				2
				POS	PARTNUMBER		PARTNAME				QT

Rotatable Combi Shear	Page	6	of	23
	Date	August 2014		
	Product type	DRC-30		
Cylinder & Valve GP	Number	501290-00		



13	120013886	Bolts Hexagon	8
12	502708	Protection cap asm.	1
11	502688	Flange - intermed.	1
10	502686	Flange - bottom GP	1
9	502491	Hydraulic Cylinder GP	1
8	502386	Flange - rod GP	1
7	501240	Valve GP DemaPower 2.0	1
6	500601	O-ring	3
5	500600	O-ring	2
4	500265	Hex. socket head cap screw	2
3	500262	Hex. socket head cap screw	2
2	500150	Bolts Hexagon	4
1	500149	Bolts Hexagon	4
POS	PARTNUMBER	PARTNAME	QT

Rotatable Combi Shear

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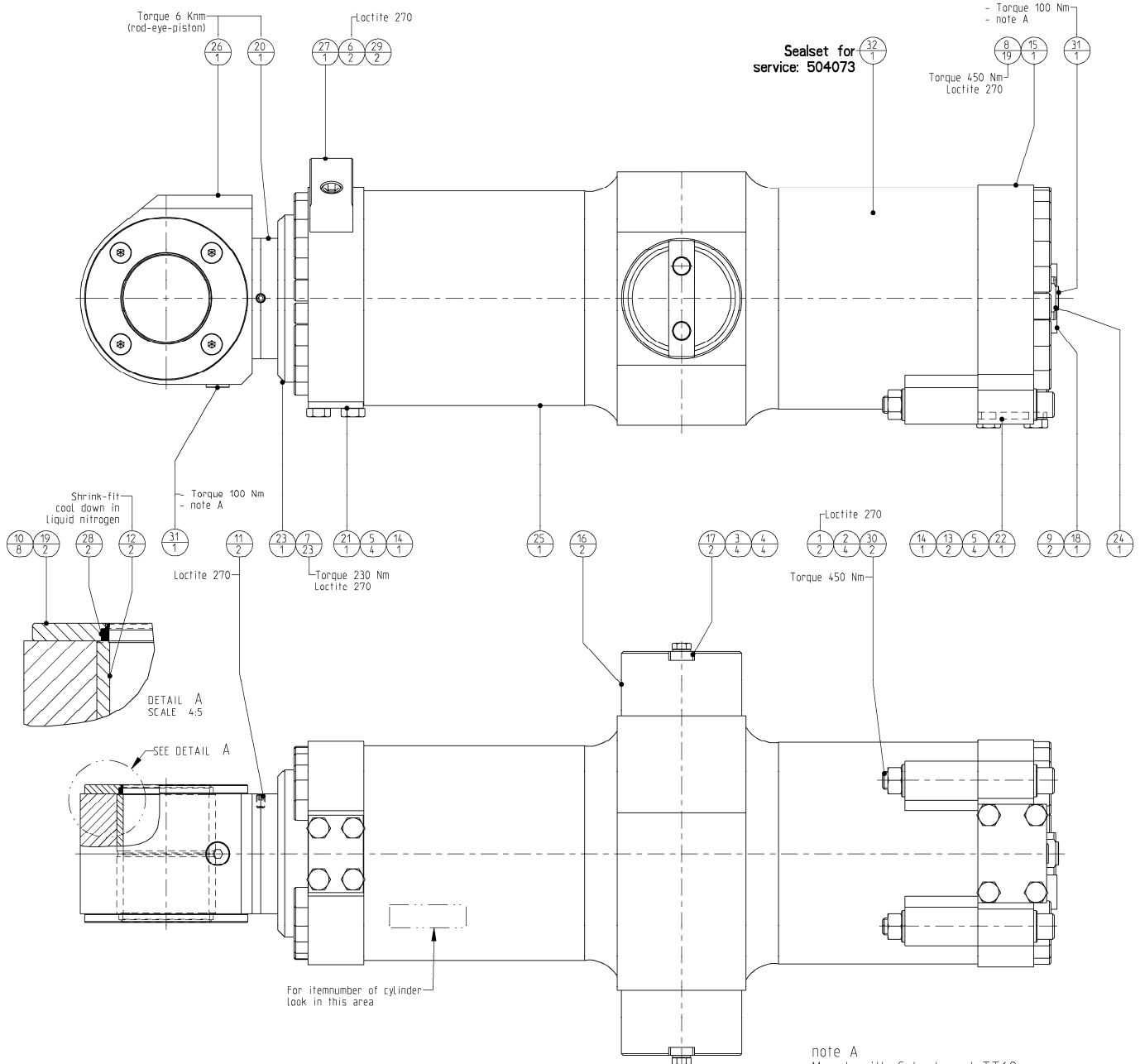
Product type

DRC-30

Cylinder GP

Number

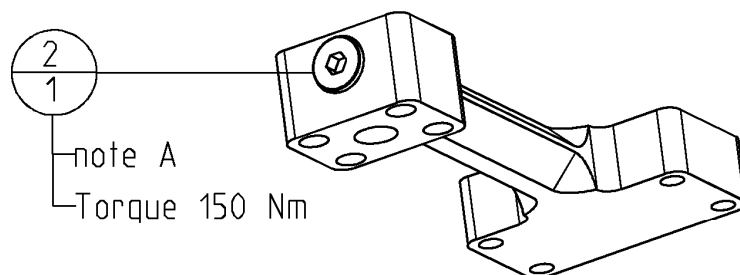
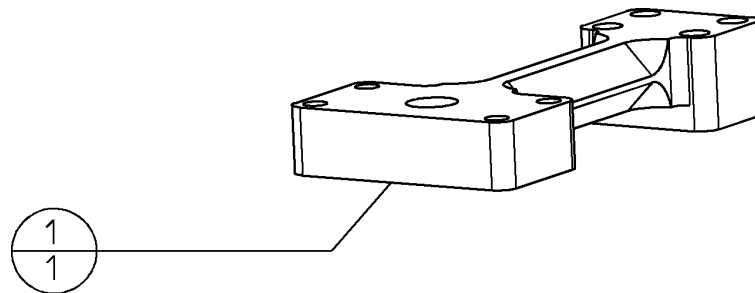
502491-02



Rotatable Combi Shear	Page	8	of	23
	Date	August 2014		
	Product type	DRC-30		
Cylinder GP	Number	502491-02		

32	502335_RM502490	Seal - set	1
31	290058184	Blanking end ISO 6149	2
30	506048	Hex. socket head cap screw	2
29	506033	Lockwasher - Schnorr	2
28	504021	Scraper	2
27	502713	Support - protection cap	1
26	502707	Rod - eye	1
25	502552	Cylinder - house asm.	1
24	502384	Bolt - banjo asm.	1
23	502333	Cylinder - head	1
22	502258	Blanking cover	1
21	502251	Blanking cover	1
20	502208	Rod - tube	1
19	502127	Spacer	2
18	502112	Lockplate	1
17	502050	Lockplate	2
16	502049	Bearing	2
15	501291	Bottom asm.	1
14	500601	O-ring	2
13	500600	O-ring	2
12	500571	Bushing	2
11	500417	Hex. socket set screw	2
10	500347	Flat countersunk head cap screws	8
9	500333	Flat countersunk head cap screws	2
8	500277	Hex. socket head cap screw	19
7	500267	Hex. socket head cap screw	23
6	500260	Hex. socket head cap screw	2
5	500144	Bolts Hexagon	8
4	500133	Bolts Hexagon	4
3	500068	Washer spring	4
2	500055	Washer HV	4
1	500006	Nut Hexagon	2
POS	PARTNUMBER	PARTNAME	QT

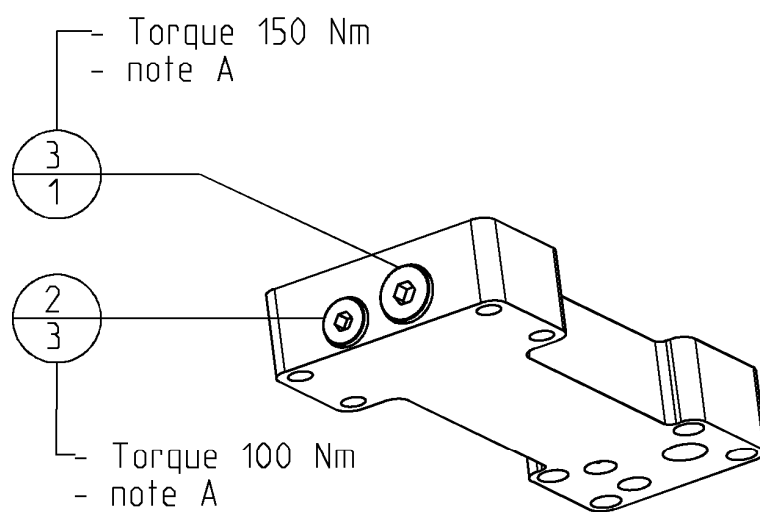
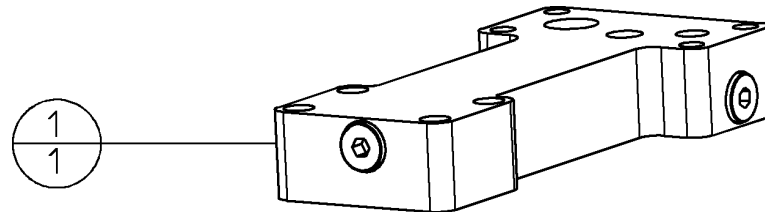
Rotatable Combi Shear	Page	9	of	23
	Date	August 2014		
	Product type	DRC-30		
Flange GP rod	Number	502386-02		



Note A;
Mount with Cyberbound TT62
according instructions at the end
of this partsbook.

2	290058185	Blanking end ISO 6149	1
1	502097	Flange - rod	1
POS	PARTNUMBER	PARTNAME	QT

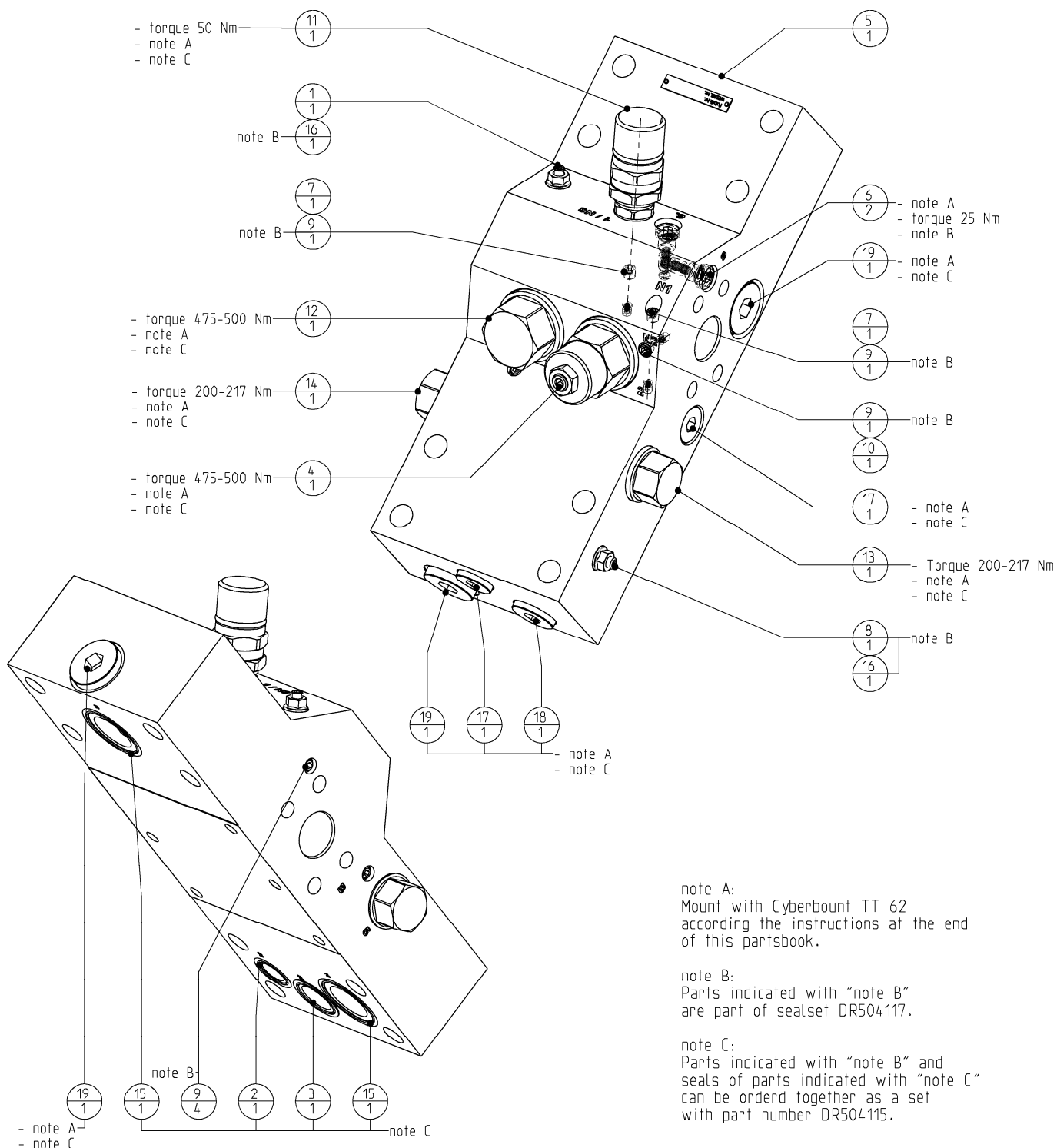
Rotatable Combi Shear	Page	10	of	23
	Date	August 2014		
	Product type	DRC-30		
Flange GP bottom	Number	502686-01		



note A
Mount with Cyberbound TT62
according intructions at the end
of this partsbook.

3	290058185	Blanking end ISO 6149	1
2	290058184	Blanking end ISO 6149	3
1	502687	Flange - bottom	1
POS	PARTNUMBER	PARTNAME	QT

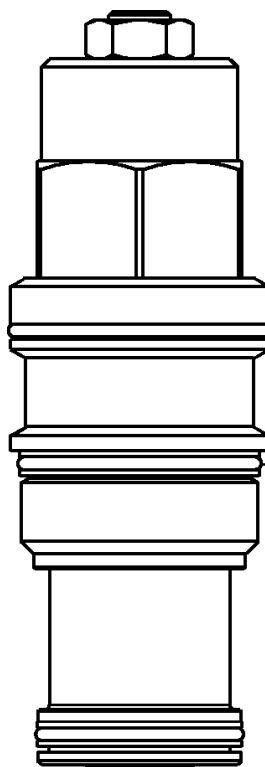
Rotatable Combi Shear	Page	11	of	23
	Date	August 2014		
	Product type	DRC-30		
Valve GP	Number	501240-00		



Rotatable Combi Shear	Page	12	of	23
	Date	August 2014		
	Product type	DRC-30		
Valve GP	Number	501240-00		

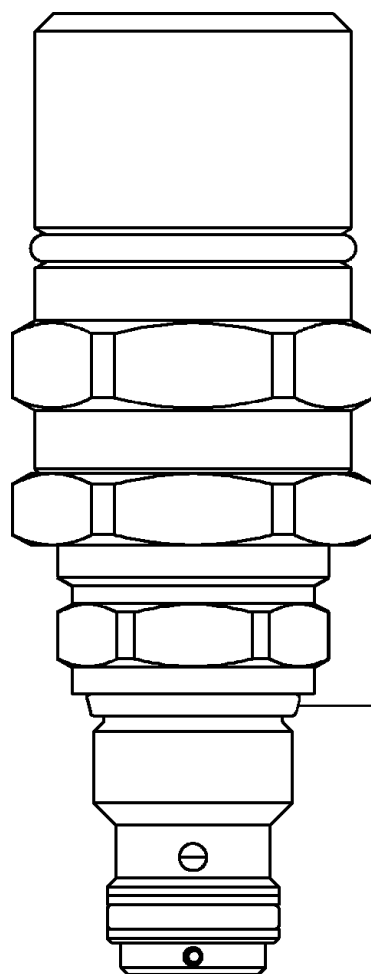
19	290058186	Blanking end ISO 6149	3
18	290058185	Blanking end ISO 6149	1
17	290058184	Blanking end ISO 6149	2
16	121067231	Nut Hexagon sealing	2
15	504009	Quad-ring	2
14	502117	Valve - check	1
13	501378	Valve - check	1
12	501377	Valve - check	1
11	501376	Valve - overload protection	1
10	501246	Blanking end	1
9	501245	Blanking plug	7
8	501244	Bleeding screw	1
7	501243	Orifice Ø0,5	2
6	501242	Valve - check	2
5	501241	Housing	1
4	501235	Valve - counter balance	1
3	500601	Seal - flange	1
2	500600	Seal - flange	1
1	500412	Hex. socket set screw	1
POS	PARTNUMBER	PARTNAME	QT

Rotatable Combi Shear	Page	13	of	23
	Date	August 2014		
	Product type	DRC-30		
Counter balance valve	Number	501235-00		



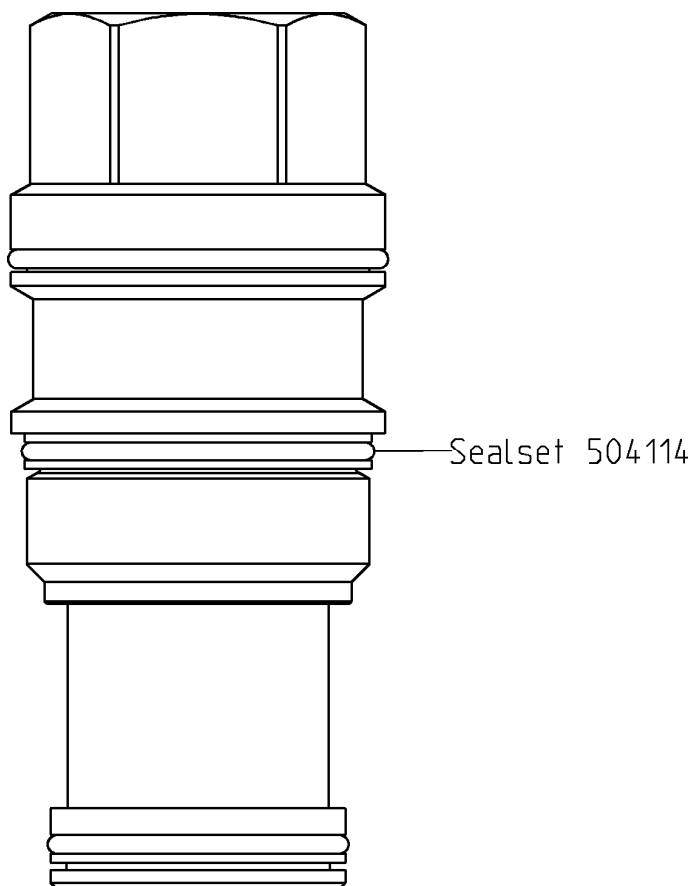
Sealset 504114

Rotatable Combi Shear	Page	14	of	23
	Date	August 2014		
	Product type	DRC-30		
Overload protection valve	Number	501376-00		

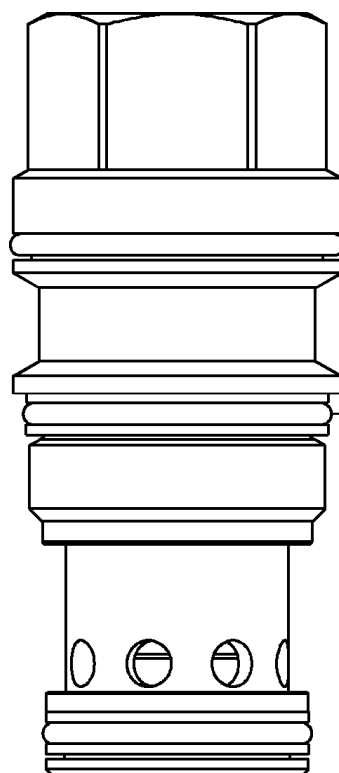


Sealset 504119

Rotatable Combi Shear	Page	15	of	23
	Date	August 2014		
	Product type	DRC-30		
Check valve	Number	501377-00		

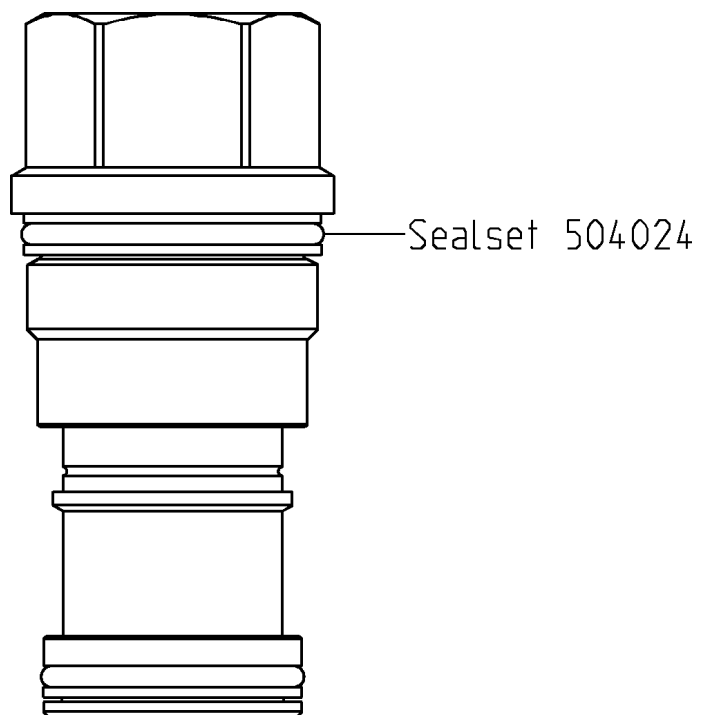


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	Date	August 2014		
	Product type	DRC-30		
Check valve	Number	501378-00		

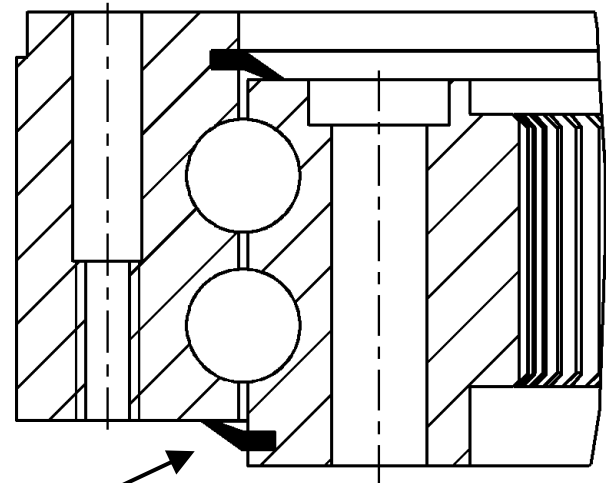
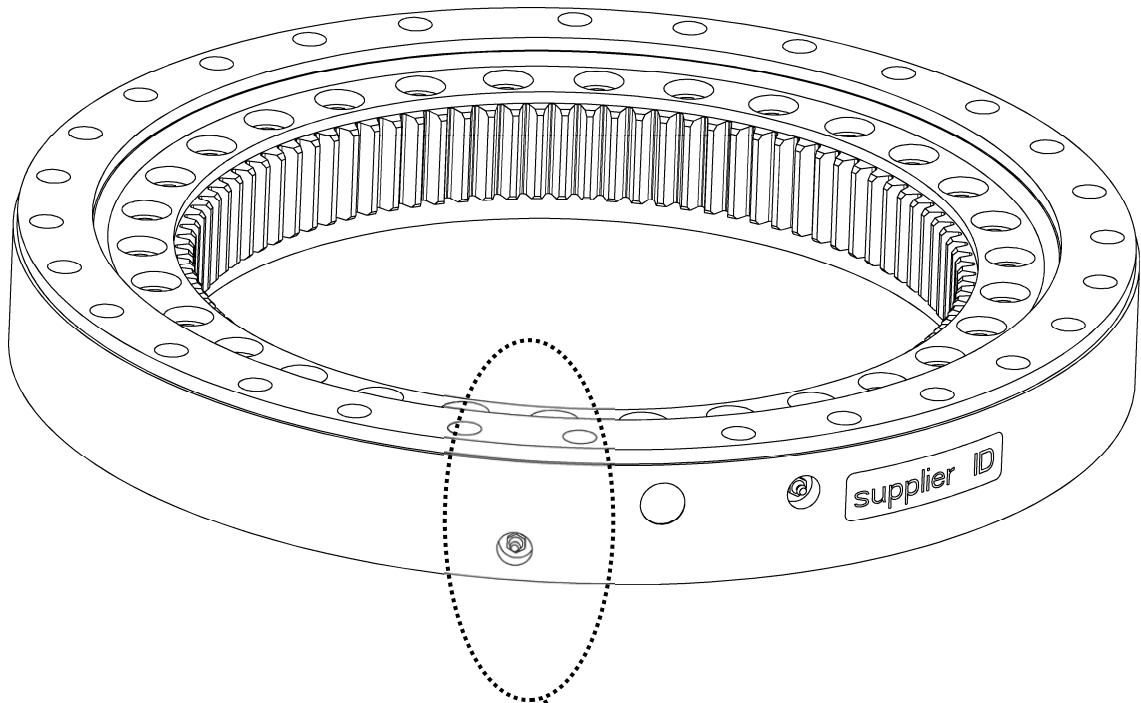


Sealset 504057

Rotatable Combi Shear	Page	17	of	23
	Date	August 2014		
	Product type	DRC-30		
Check valve	Number	502117-01		

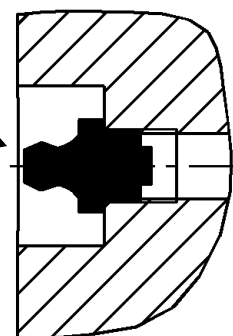


Rotatable Combi Shear	Page	18	of	23
	Date	August 2014		
	Product type	DRC-30		
Slewing ring	Number	500591-01		

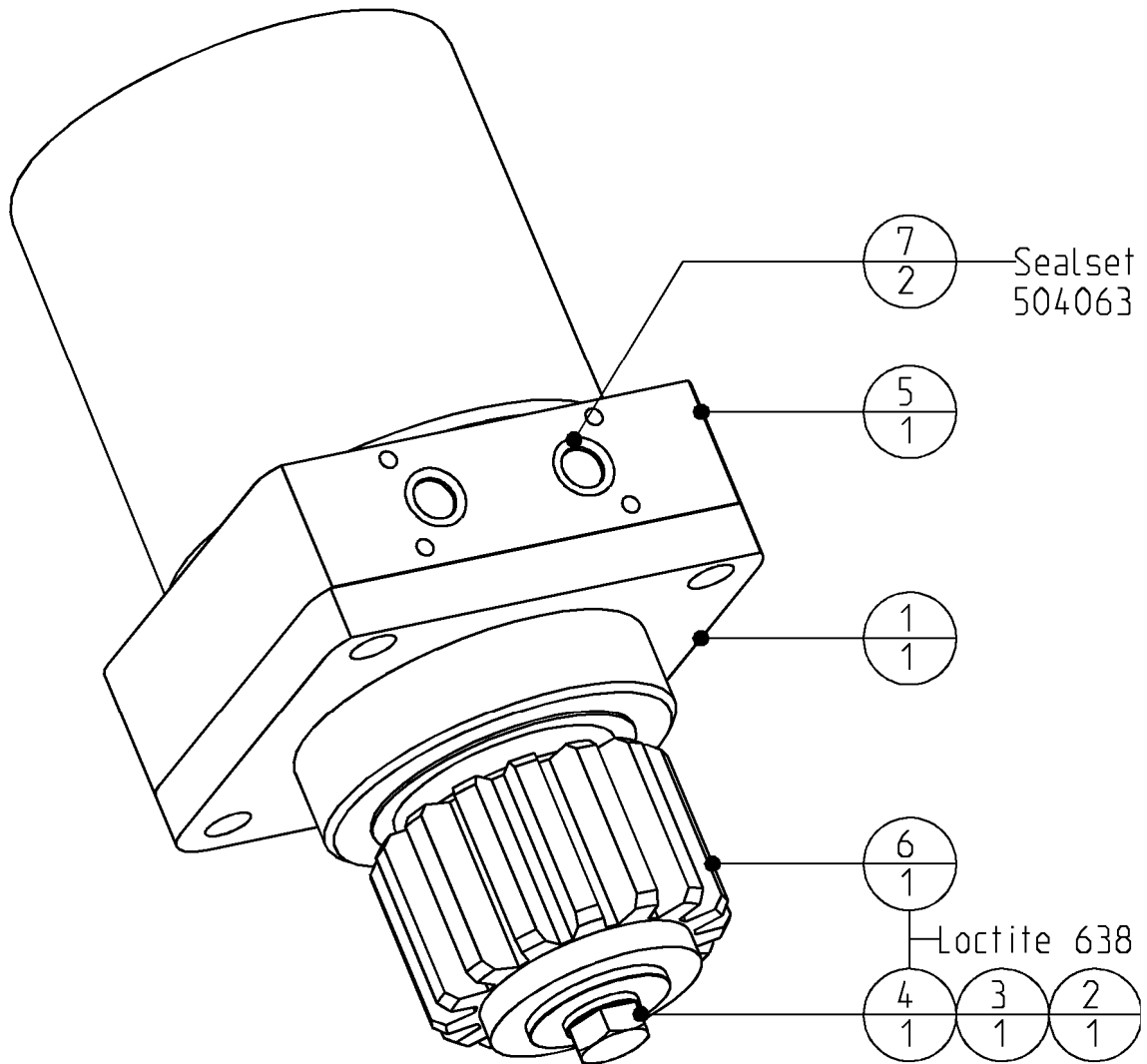


**2x seal 256060900
mount with Loctite**

**4x grease nipple
500560**

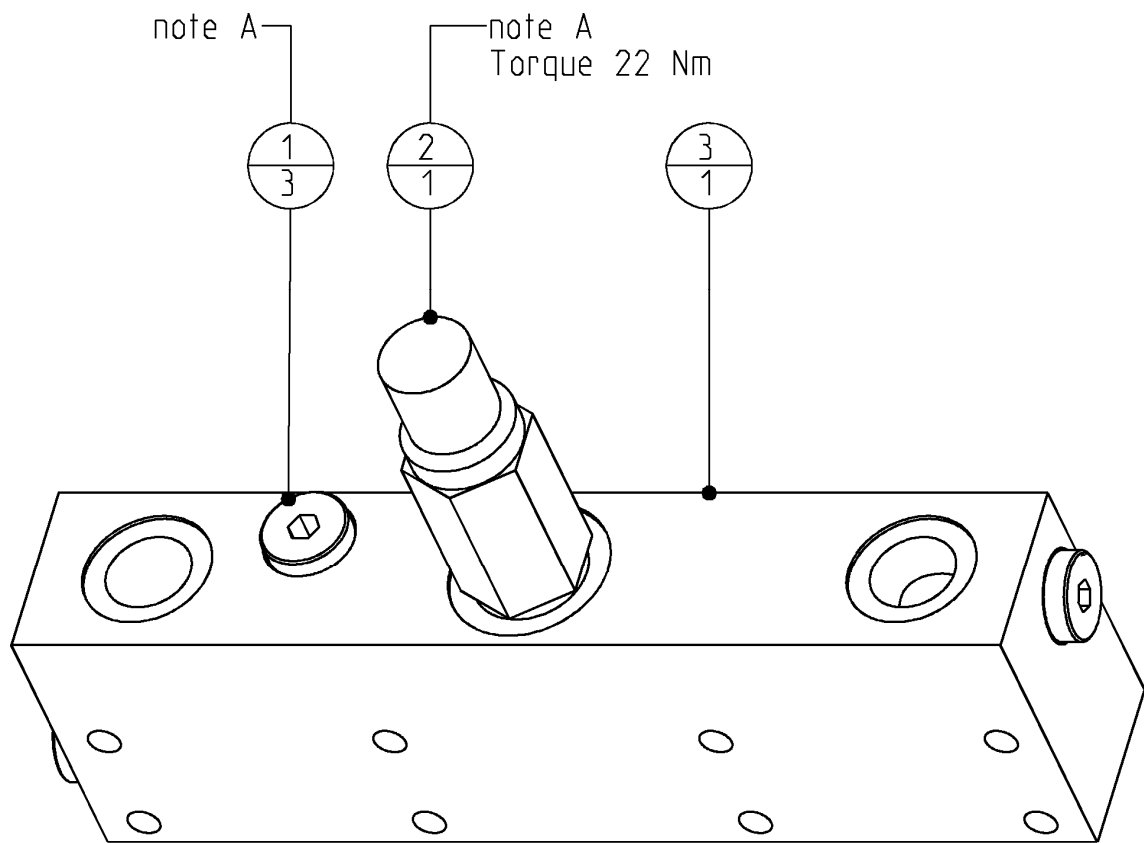


Rotatable Combi Shear	Page	19	of	23
	Date	August 2014		
	Product type	DRC-30		
Hydraulic motor GP	Number	401201-01		



7	504070	O-ring	2
6	500851	Pinion	1
5	500763	Hydro-motor	1
4	500131	Bolts Hexagon	1
3	500068	Washer spring	1
2	500062	Washer car	1
1	400593	Motor-flange	1
POS	PARTNUMBER	PARTNAME	QT

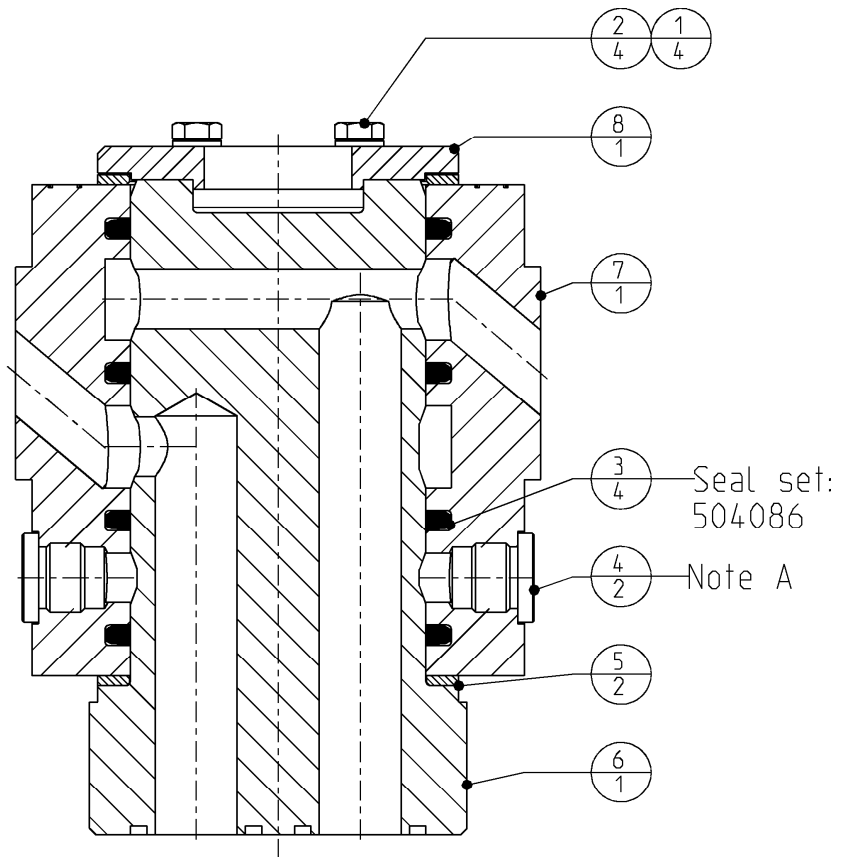
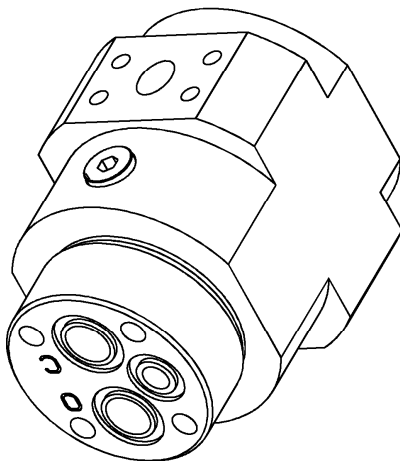
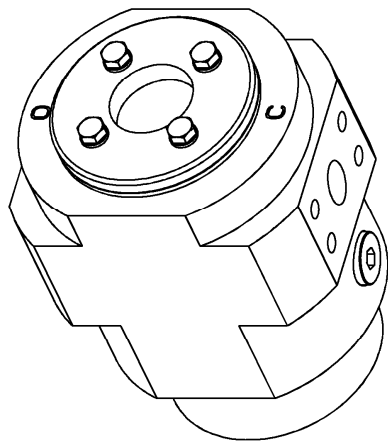
Rotatable Combi Shear	Page	20	of	23
	Date	August 2014		
	Product type	DRC-30		
Valve GP	Number	500758-03		



note A
Mount with Cyberbound TT62
according instructions at the end
of this partsbook.

3	500759	Baseplate	1
2	500757	cross-over relieve valve	1
1	500650	Blanking end	3
POS	PARTNUMBER	PARTNAME	QT

Rotatable Combi Shear	Page	21	of	23
	Date	August 2014		
	Product type	DRC-30		
Swivel GP	Number	502286-05		



note A
Mount with Cyberbound TT62
according instructions at the end
of this partsbook.

8	502289	Cover	1
7	502288	Housing	1
6	502287	Stator	1
5	500832	Axial ring	2
4	500652	Blanking end	2
3	500630	Seal - Roto Glyd Ring	4
2	500105	Bolts Hexagon	4
1	500066	Washer spring	4
POS	PARTNUMBER	PARTNAME	QT

Rotatable Combi Shear	Page	22	of	23
	Date	August 2014		
	Product type	DRC-30		
Additional parts	Number	n.a.		

Chemical lock

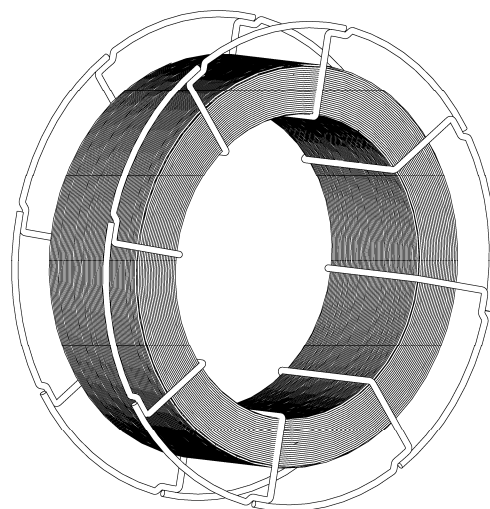
195050158	Cyberbond TT62 Pumpgel	1
506018	Loctite 480 Flacon 20 gr	1
506017	Loctite 638 Flacon 50 ml	1
506016	Loctite 270 Flacon 50 ml	1
PARTNUMBER	PARTNAME	QT



MAG welding wire

- for hard facing cutting blades
- 48-52 HRc

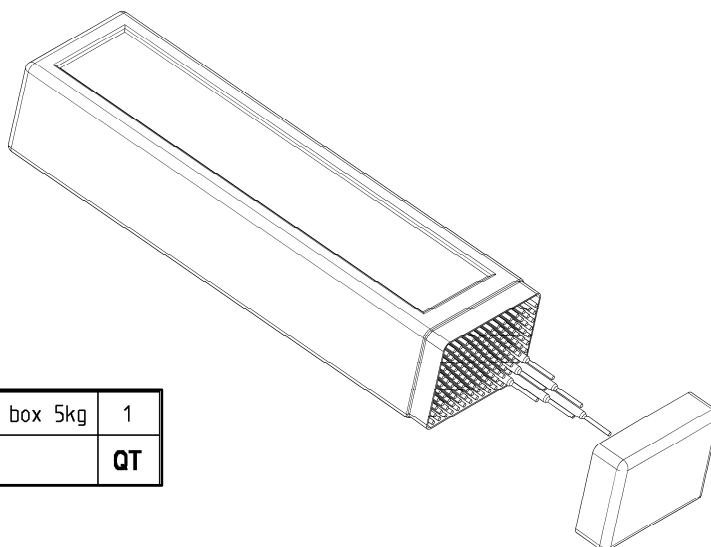
501237	Welding wire MAG; 1.8425, coil 15kg	1
PARTNUMBER	PARTNAME	QT



Welding electrodes

- for hard facing cutting blades
- 48-52 HRc

501238	Weld. electr.:1.8425, Ø 2,5mm, box 5kg	1
PARTNUMBER	PARTNAME	QT



Rotatable Combi Shear	Page	23	of	23
	Date	August 2014		
	Product type	DRC-30		
Instructions	Number	n.a.		

Mounting instructions for Cyberbound TT 62

This instruction shall guarantee that all hydraulic fittings and cartridges will be mounted and glued in correctly.

Procedure:

Clean and degrease thoroughly all components with a special cleaner for anarobic adhesives (e.g. Loctite cleaner 7063) or acetone.

Apply on the outside thread only a bead of Cyberbond TT62 pump gel to approx. 2/3 of the girth of the second thread for fittings up to a diameter of 20mm or to the entire girth for fittings with a diameter larger than 20mm.



Cyberbound
TT 62



Clean from adhesive residues pressed out from the bore hole after fitting.

ATTENTION. The sealings shall be free of adhesive residues!

Tighten fittings with given fastening torques.

Standard torque values for bolts (when not indicated)

Thread size	Torque (Nm) for quality		
	8.8	10.9	12.9
M8	22,5	32,4	38,7
M10	45,0	63,0	75,6
M12	77,4	109,0	131,0
M16	194,0	270,0	324,0
M20	369,0	522,0	630,0
M24	639,0	900,0	1080,0
M27	945,0	1305,0	1575,0
M30	1260,0	1800,0	2160,0



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