



Partsbook
for
Concrete Crusher
DCC-30-A

Product	Part Number	Ref.
DCC-30-A Serie 2	DCC030B120AAB6	



Partsbook_dcc030b120aab6-d_2021-03-23.docx

March 2021

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Concrete Crusher

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Date

March 2021

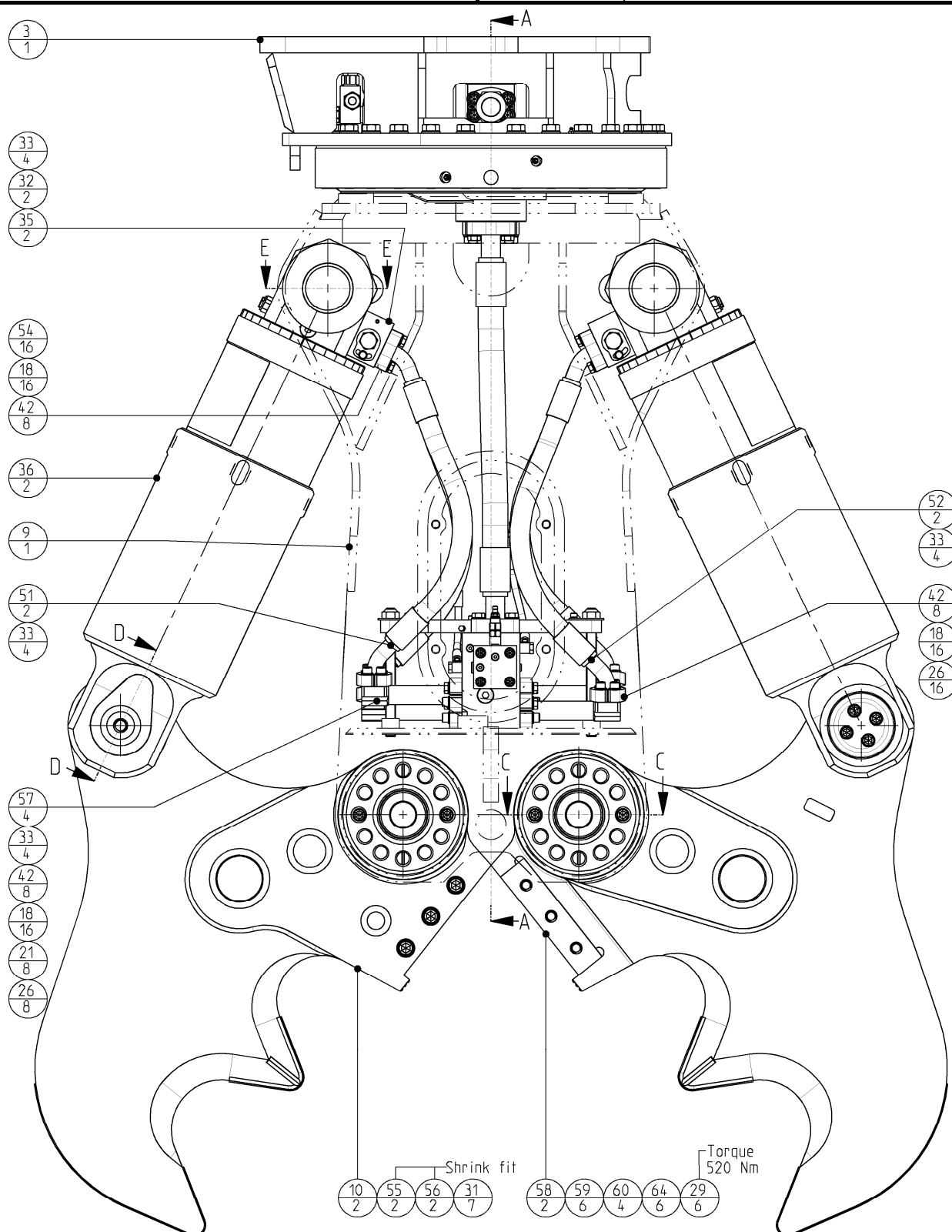
Product type

DCC-30-A

Housing GP

Number

DCC030B120AAB6-D



Parts marked with a letter in column "Set" can be ordered as a set with Itemnumber

Set	Description	Itemnumber
a	Shearblade set	408251
-	Service kit	408657
-	Tip (repair)	408664
-	Connection kit open/close 38S	408496
-	N.A. fitting kit (JIC)	406403

Remark:

For the order of (dis)assembling and adjusting jaw and blades see user manual.

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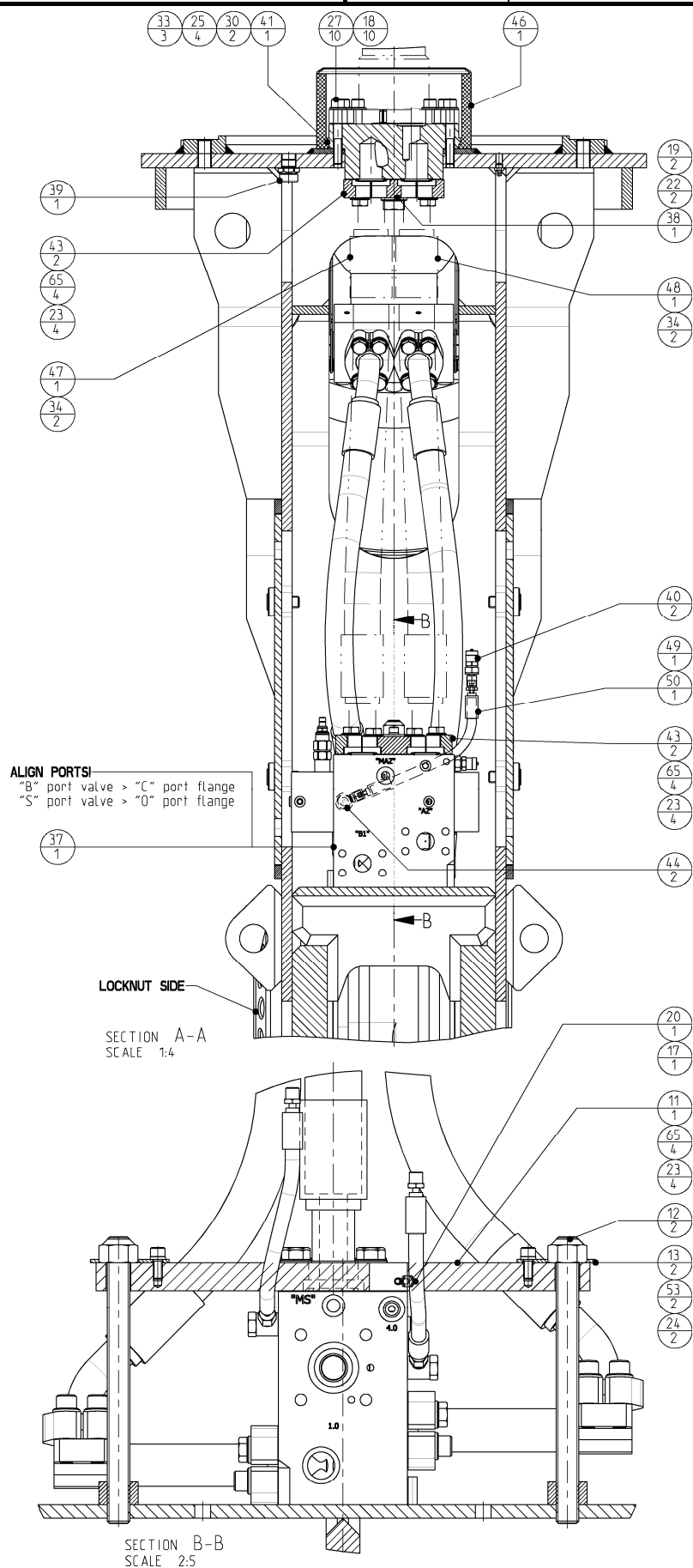
Product type

DCC-30-A

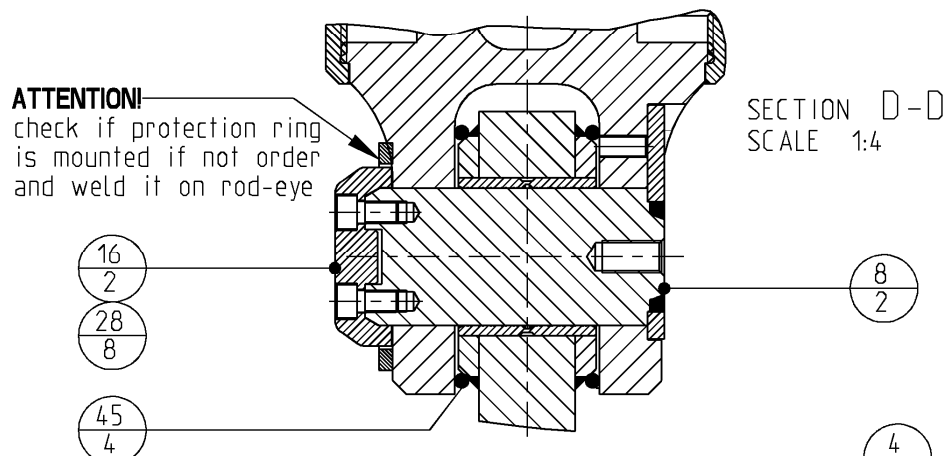
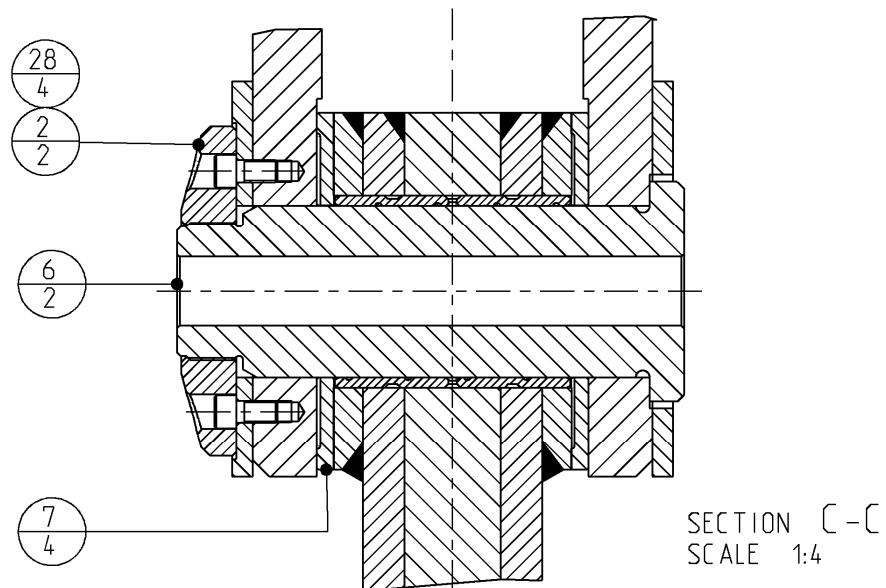
Housing GP

Number

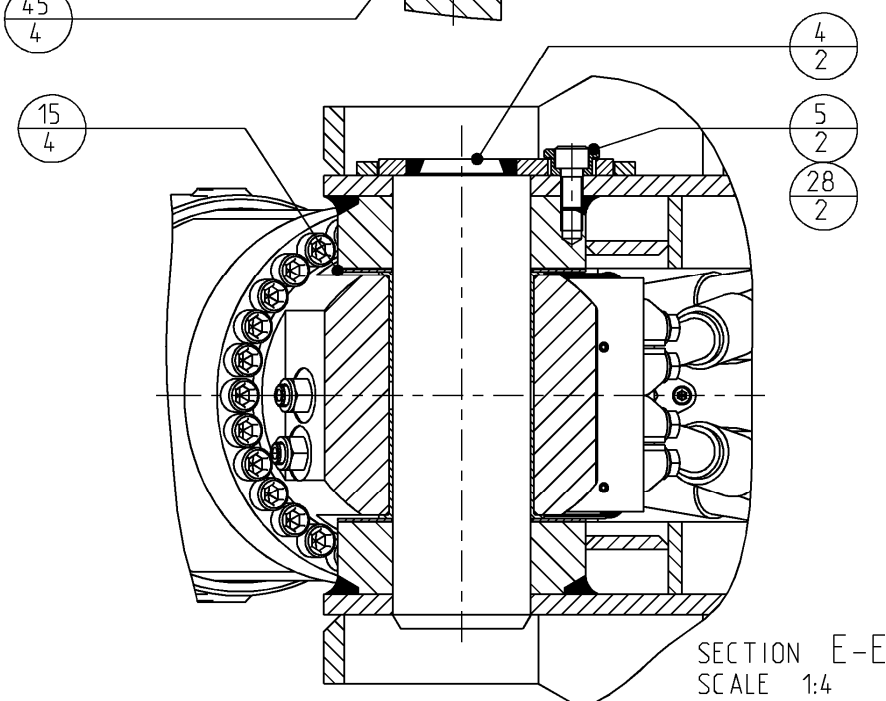
DCC030B120AAB6-D



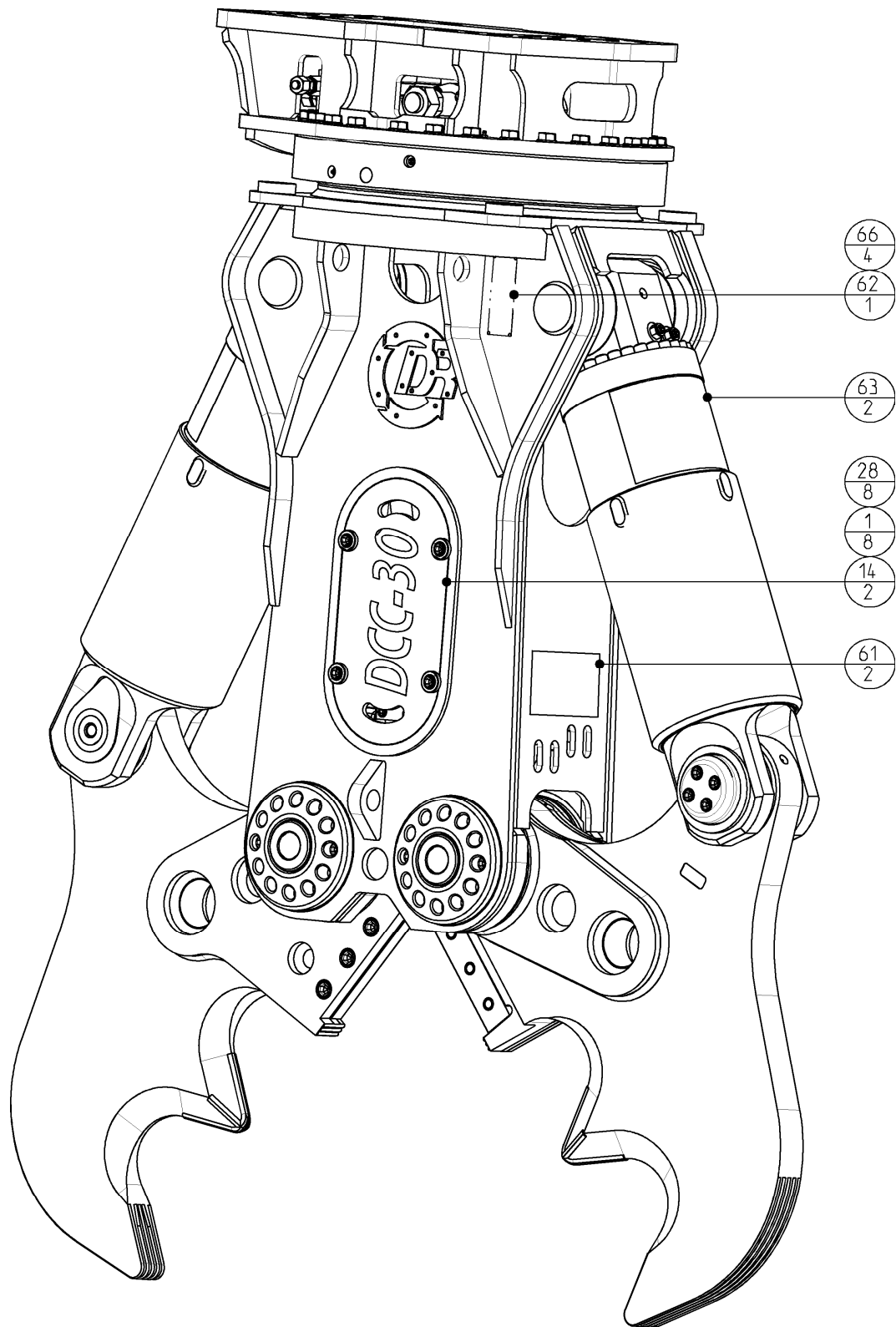
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Housing GP	Number	DCC030B120AAB6-D		



ATTENTION!
check if protection ring
is mounted if not order
and weld it on rod-eye



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Housing GP	Number	DCC030B120AAB6-D		



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Housing GP	Number	DCC030B120AAB6-D		

Caution;

- Take care of position of swivel-housing O + C and stator.
- Grease the swivel, with nipple on top, before operating the tool.

Optional;

Connection kit 38S
for open/close.
Fitting kit: 408496

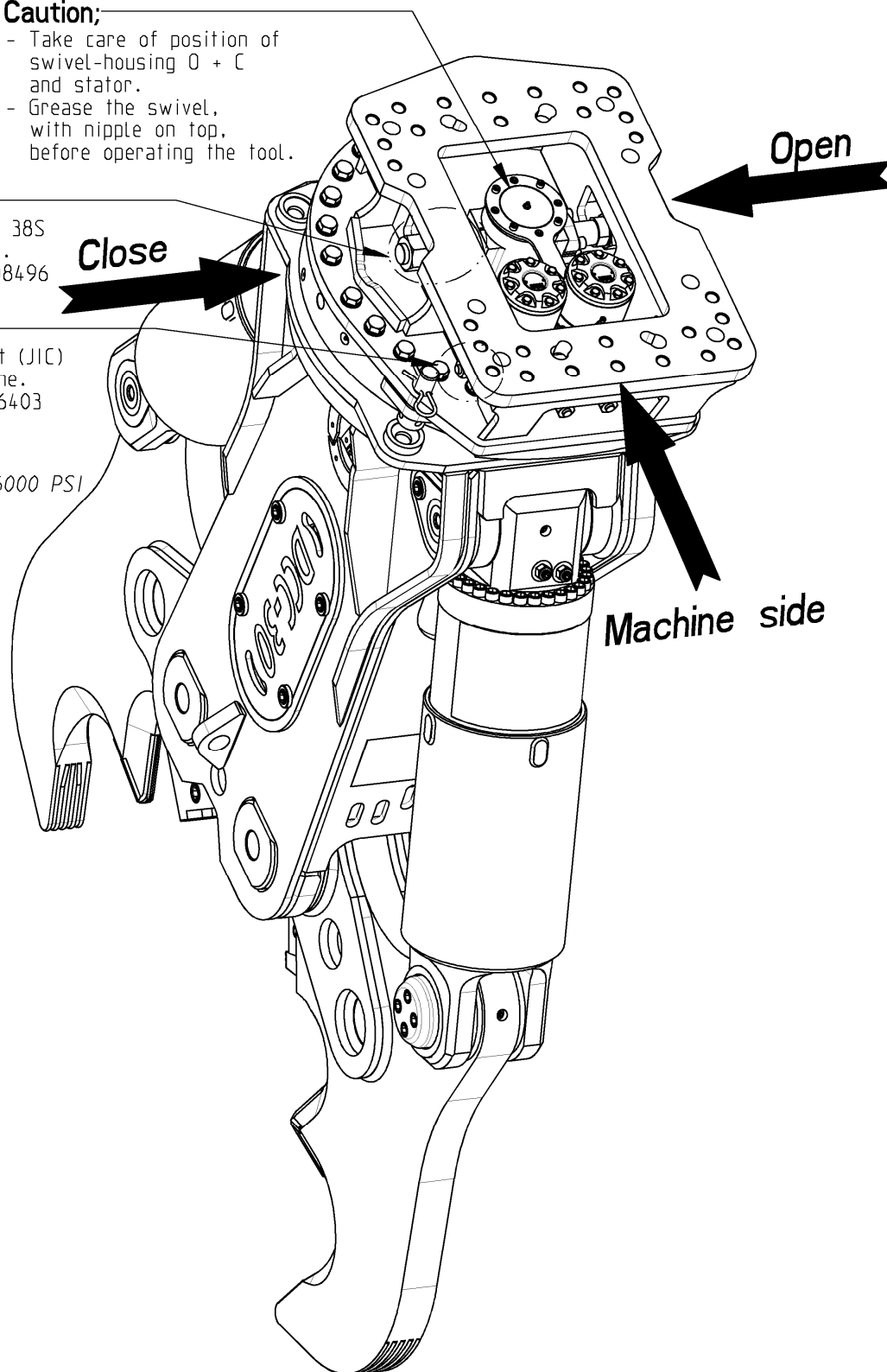
Close

Optional;

N.A. fitting kit (JIC)
for rotation line.
Fitting kit: 406403

Open/Close

- SAE 1-1/4" 6000 PSI
- Both sides



Concrete Crusher					Page	6	of	36	
					Date	March 2021			
					Product type	DCC-30-A			
Housing GP					Number	DCC030B120AAB6-D			
	66	130059276	Screw - drive	4		33	500601	Seal - flange	19
	65	122000163	Washer normal	12		32	500600	Seal - flange	2
a	64	508218	Shim - straight	6		31	500560	Grease - nipple	7
	63	508162_R135	Sticker	2		30	500540	Springtype straight pin	2
	62	508115	Type plate	1	a	29	500271	Hex. socket head cap screw	6
	61	508113	Sticker	2		28	500258	Hex. socket head cap screw	22
a	60	508003	Shim - straight	4		27	500254	Hex. socket head cap screw	10
a	59	508002	Shim - straight	6		26	500250	Hex. socket head cap screw	24
a	58	508001	Shearblade - straight	2		25	500224	Hex. socket head cap screw	4
	57	507481	Flange pipe 1" 6000 PSI	4		24	500222	Hex. socket head cap screw	2
	56	507053	Bushing	2		23	500205	Bolts Hexagon	12
	55	507014	Bushing	2		22	500160	Bolts Hexagon	2
	54	506084	Bolts Hexagon	16		21	500134	Bolts Hexagon	8
	53	506073	Lockwasher - Nordlock	2		20	500097	Bolts Hexagon	1
	52	505283_RM_DCC30	Hydr.Hose asm. 1" SAE 100R15	2		19	500055	Washer HV	2
	51	505282_RM_DCC30	Hydr. hose asm. 1" SAE 100R15	2		18	500053	Washer HV	58
	50	505236_DCC30-2	Hydr. hose asm. 1/4" SAE 100R2AT	1		17	500001	Nut Hexagon	1
	49	505236_DCC30-1	Hydr. hose asm. 1/4" SAE 100R2AT	1		16	409657	Endcap - pin Ø100 spec.	2
	48	505224_RM_DCC30-2	Hydr.hose asm. 1 1/4" SAE100R15	1		15	408701	Shim	4
	47	505224_RM_DCC30-1	Hydr.hose asm. 1 1/4" SAE100R15	1		14	408670	Cover Small DCC	2
	46	504216	Tube + V-ring	1		13	408483	Lockplate	2
	45	504190	O-ring	4		12	408481	Bolt asm.	2
	44	503612	Banjo Coupling	2		11	408480	Lockplate - valve	1
	43	503504	SAE split flange	4		10	407950	Jaw machined	2
	42	503503	SAE split flange	24		9	407934	Housing machined	1
	41	501997	Base flange - DCC/DXS	1		8	407817	Pin asm.	2
	40	501936	Test-point	2		7	407797	Spacer	4
	39	501935	Plug - breather	1		6	407791	Pin	2
	38	501927	SAE split flange - double	1		5	407787	Lock bushing	2
	37	501890	Speed valve GP	1		4	407771	Pin asm.	2
	36	501825	Hydraulic Cylinder GP	2		3	407650	Rotatorhead GP	1
	35	501795	Valve GP	2		2	405573	Locknut	2
	34	500603	Seal - flange	4	Set	1	405104	Lock bushing	8
						POS	PARTNUMBER	PARTNAME	QT

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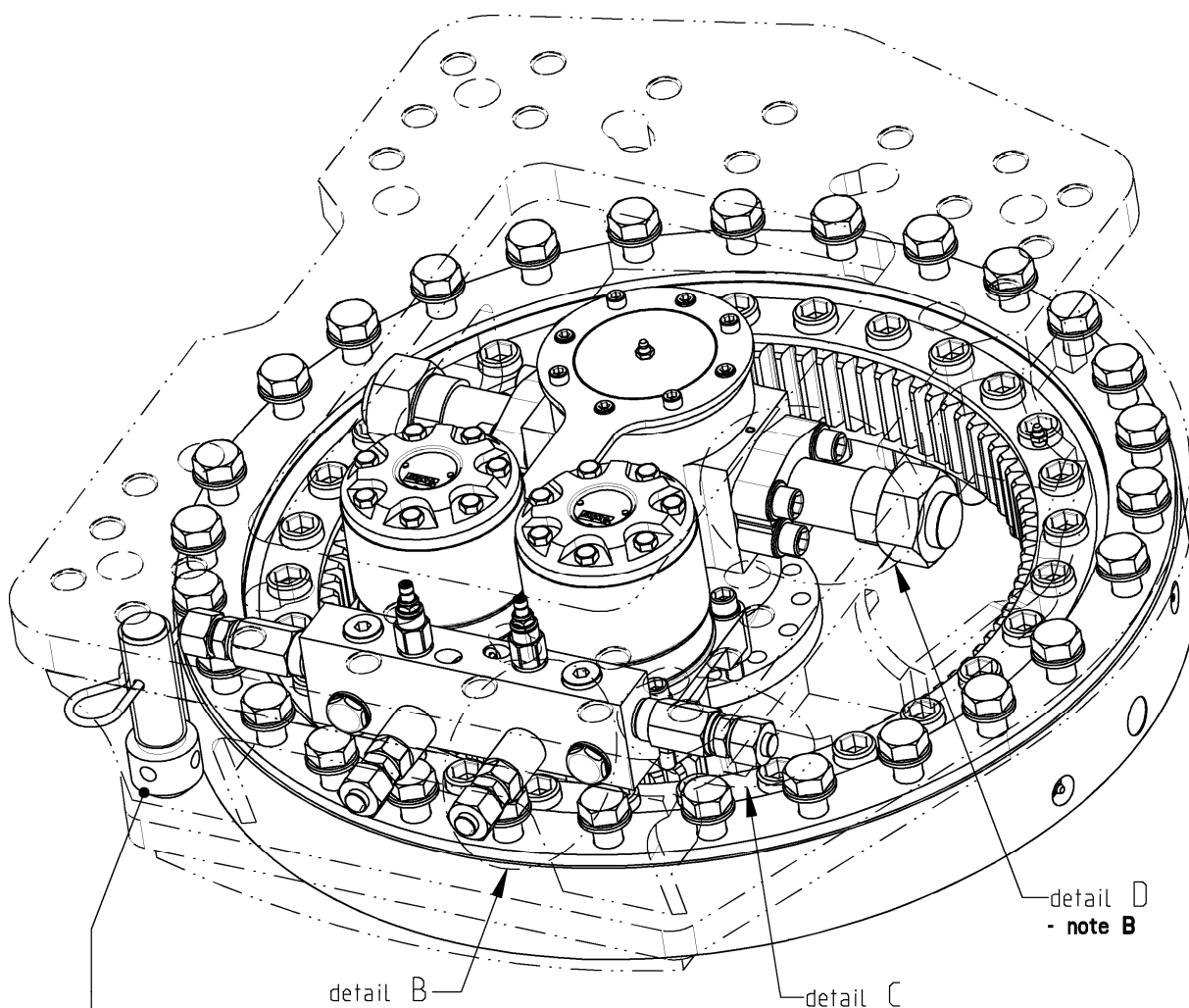
Product type

DCC-30-A

Rotatorhead GP

Number

407650-03



Note A

Mount with Cyberbound TT62 according instruction at the end of this partsbook.

Note B

Optional 38S kit, for open/close.
Fitting kit: 408496

Note C

Optional N.A. fitting kit (JIC)
Fitting kit: 406403

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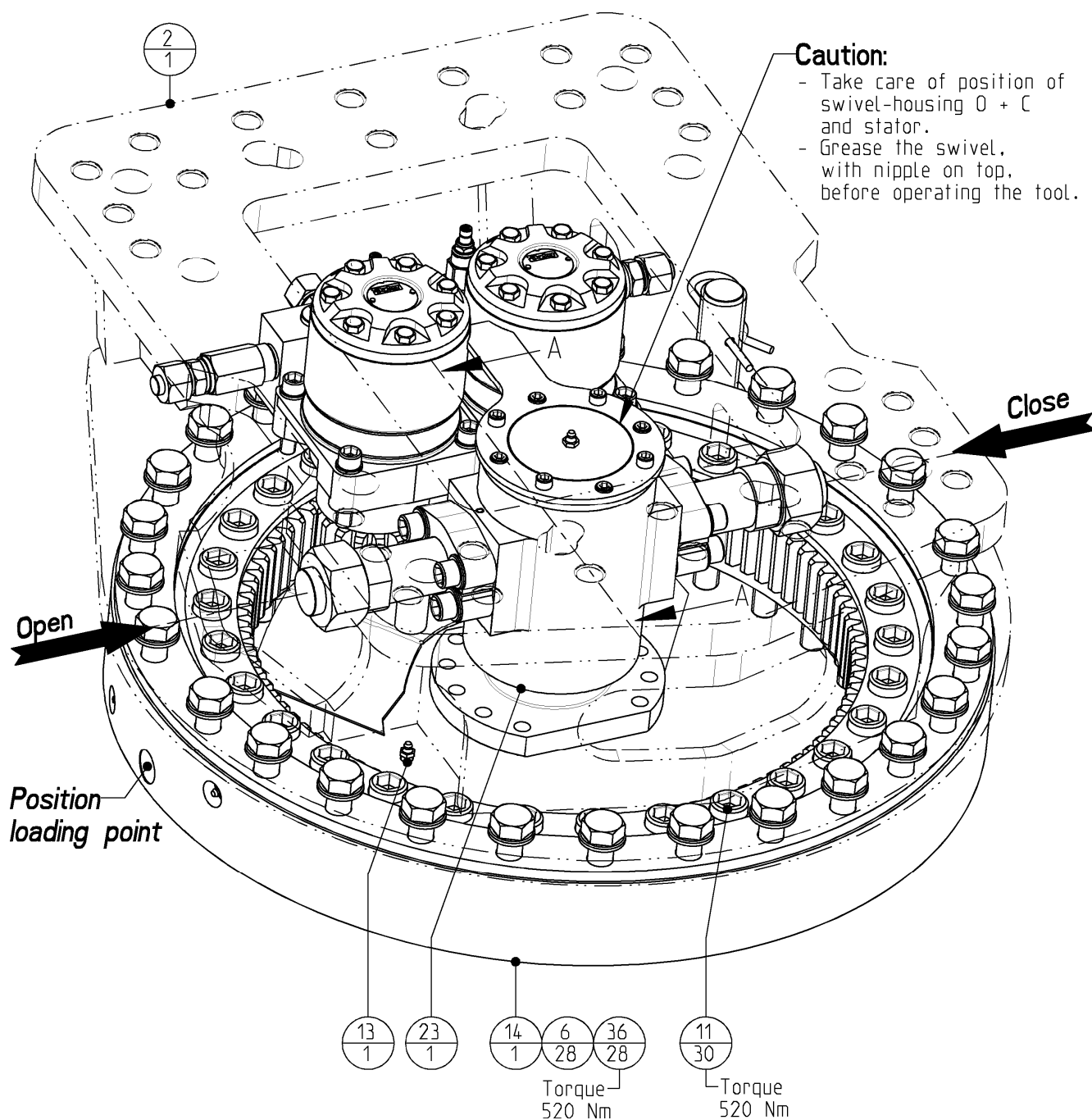
Product type

DCC-30-A

Rotatorhead GP

Number

407650-03



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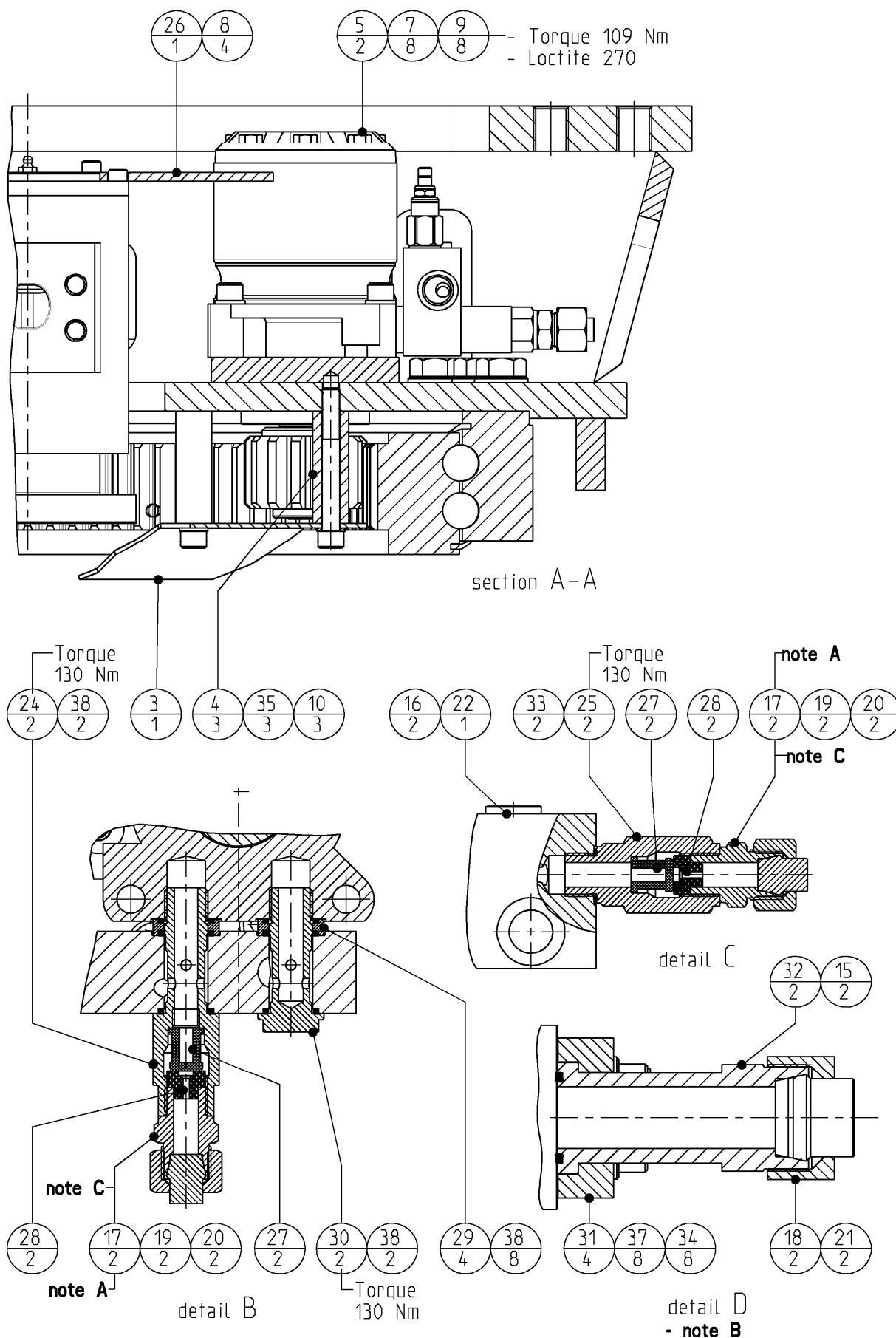
Product type

DCC-30-A

Rotatorhead GP

Number

407650-03



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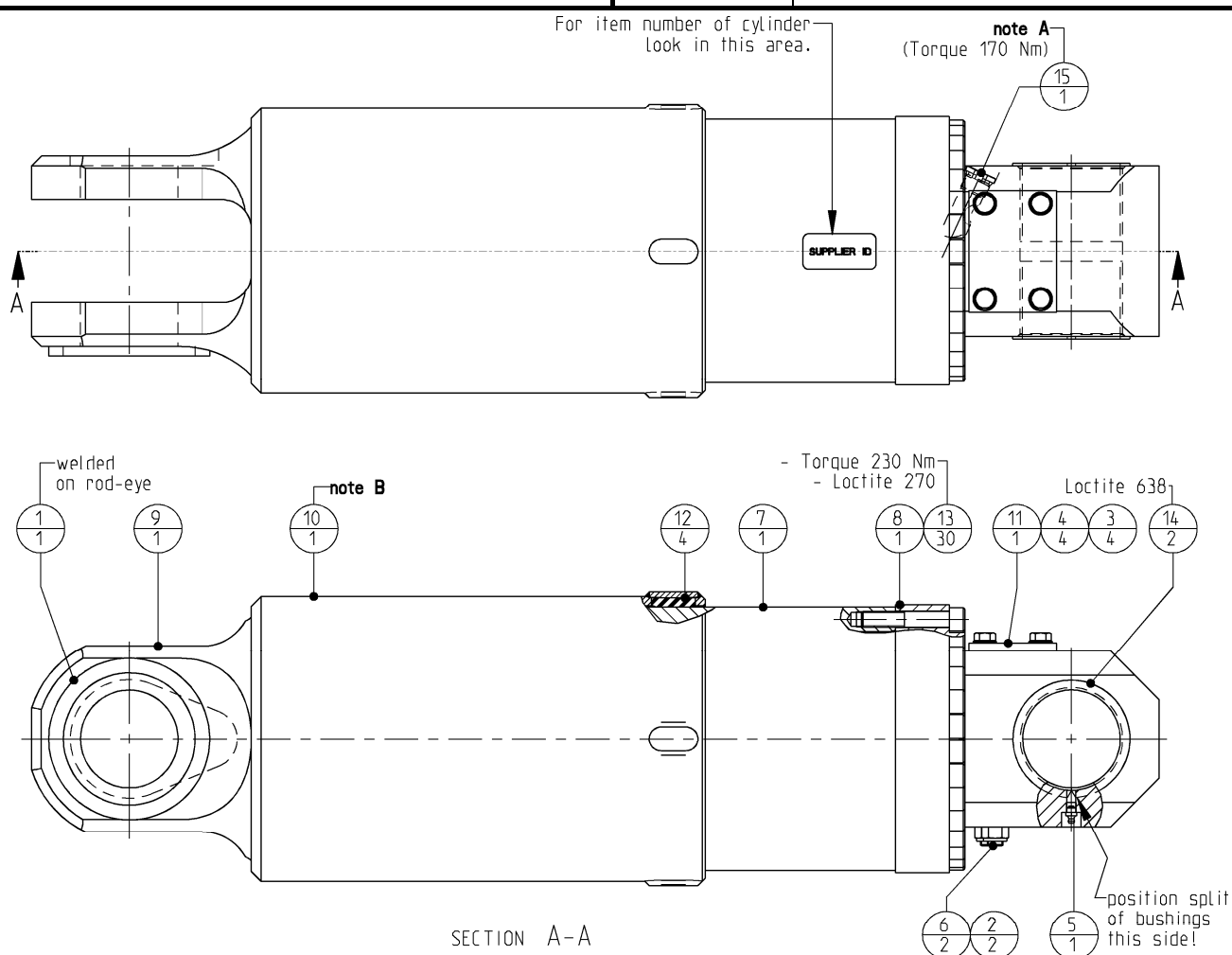
Product type

DCC-30-A

Cylinder GP

Number

501825-09



note A:

Mount with cyberbound TT62 according instructions at the end of this partsbook.

note B:

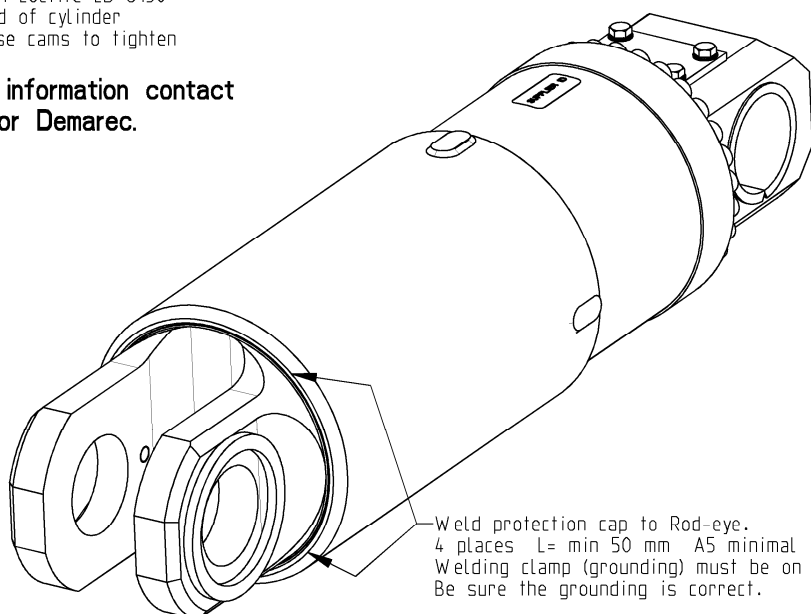
mounting order protection cap:
- lubricate thread with Loctite LB 8150
- turn cap on the head of cylinder fully to the end, use cams to tighten

Note

When seals inside the cylinder must be exchanged it is important to exchange also the bolts from bottom and head! Seals, bolts and Loctite can be ordered as one set, see below.

Service set	Itemnumber
Service seal set	504230
Service set (seals , bolts & Loctite)	504231

For more detailed information contact your local dealer or Demarec.



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	<i>Product type</i>	DCC-30-A		
Cylinder GP	<i>Number</i>	501825-09		

15	290058185	Blanking end ISO 6149	1
14	507050	Bushing - collar	2
13	506079	Hex. socket head cap screw	60
12	504224	Slide pad	4
11	501844	Blanking cover	1
10	501837	Protecion Cap asm.	1
9	501828	Rod GP	1
8	501827	Cylinder - bottom	1
7	501826	Tube - housing	1
6	501408	Bleeding screw GP	2
5	500560	Grease - nipple	1
4	500131	Bolts Hexagon	4
3	500043	Washer normal	4
2	500031	Nut Hexagon self-locking	2
1	409665	Ring - protection	1
POS	PARTNUMBER	PARTNAME	QT

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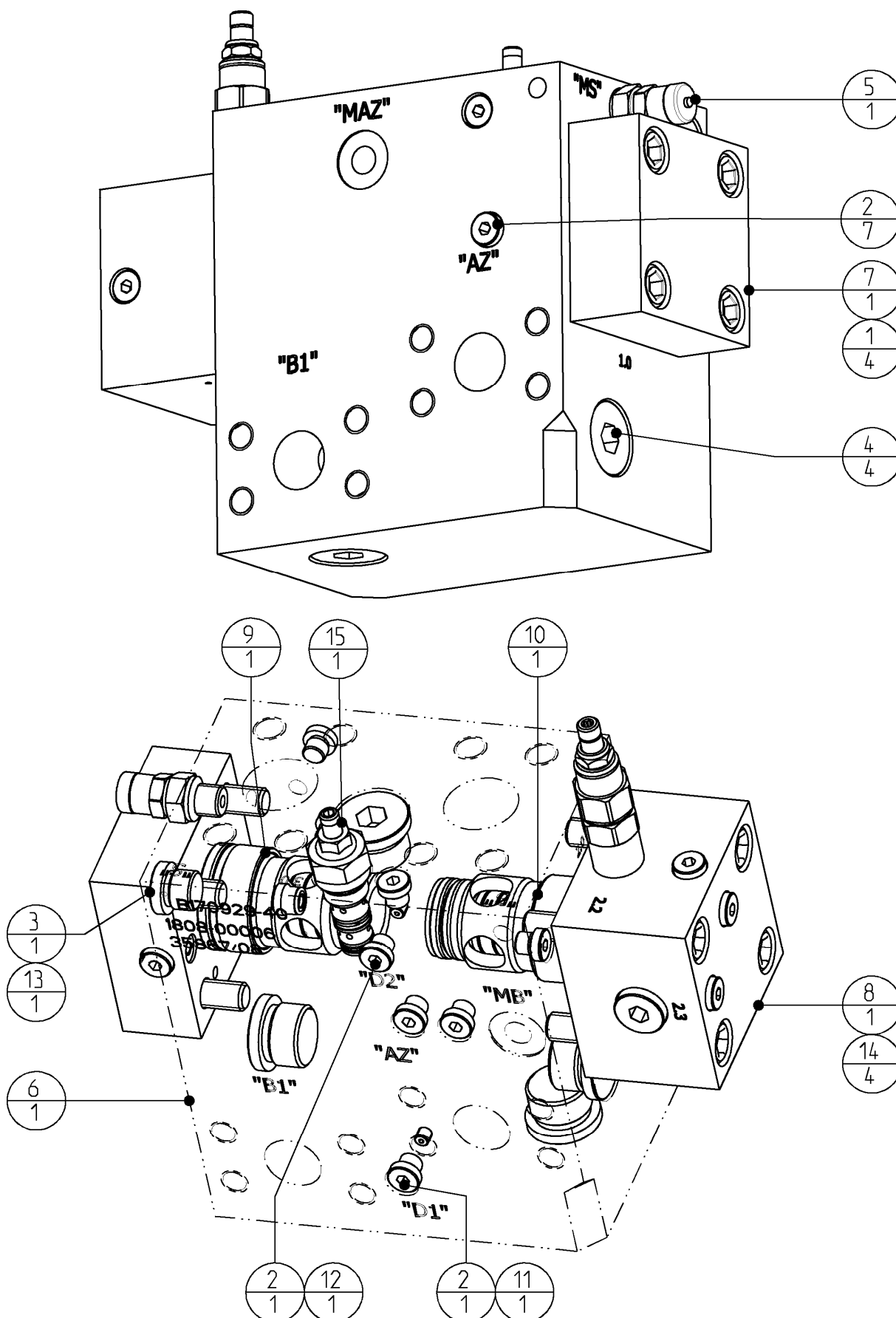
Product type

DCC-30-A

Valve GP

Number

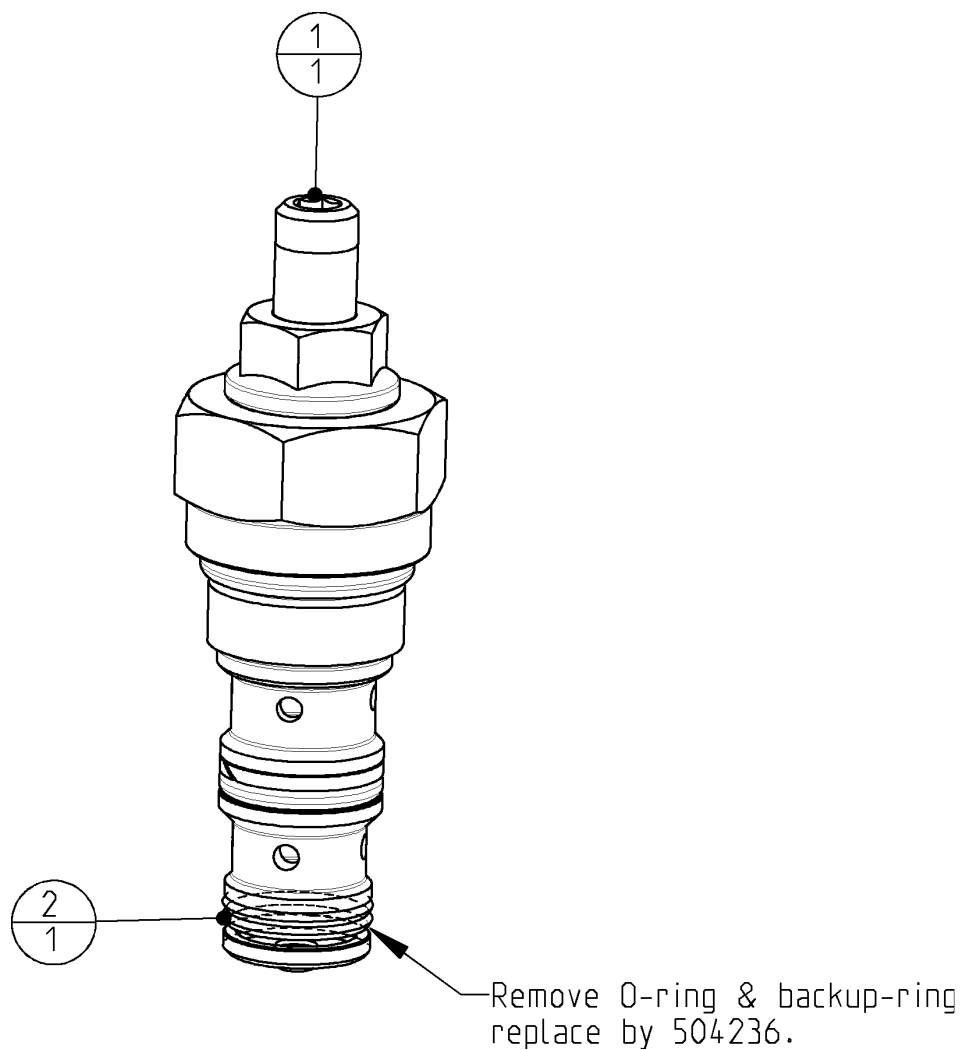
501890-02



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	<i>Product type</i>	DCC-30-A		
Valve GP	<i>Number</i>	501890-02		

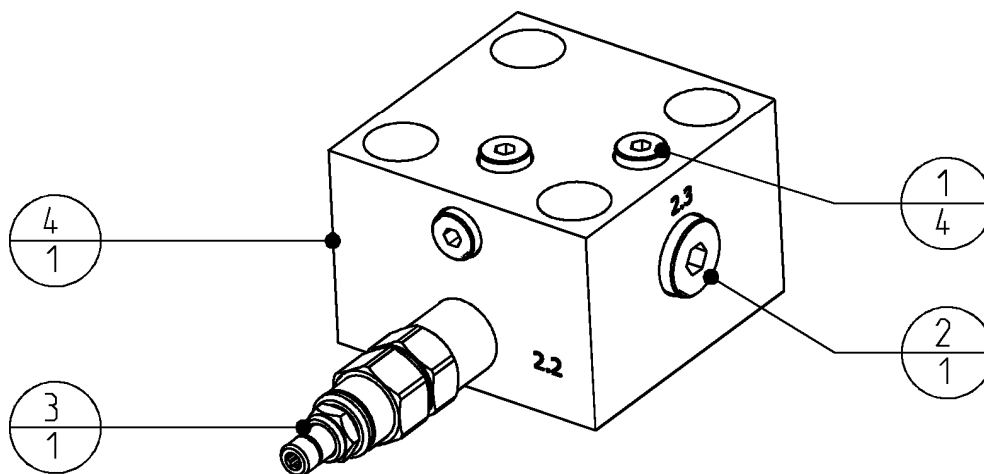
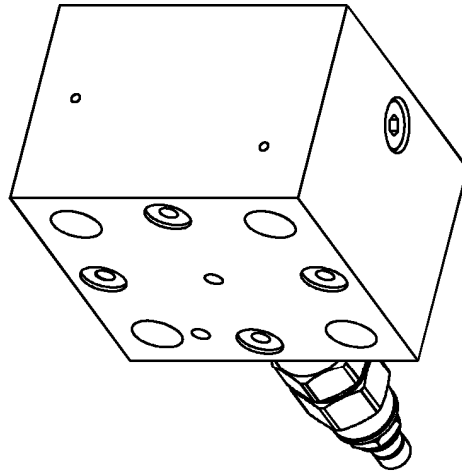
15	507391	Priority cartridge valve	1
14	506090	Hex. socket head cap screw	4
13	501934	Valve - non return	1
12	501929	Restrictor - plug	1
11	501928	Restrictor - plug	1
10	501897	Cartridge slip-in NG25	1
9	501896	Cartridge slip-in NG25	1
8	501894	Cover GP	1
7	501892	Cover GP	1
6	501891	Valve - housing	1
5	500740	Test-point	1
4	500653	Blanking end	4
3	500651	Blanking end	1
2	500649	Blanking end	9
1	500249	Hex. socket head cap screw	4
POS	PARTNUMBER	PARTNAME	QT

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	<i>Product type</i>	DCC-30-A		
Cartridge – priority valve	<i>Number</i>	507391-00		



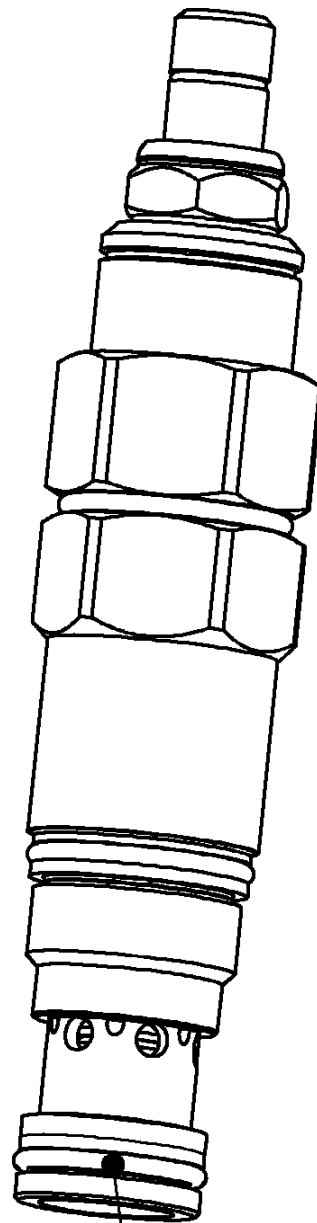
2	504236	Static seal	1
1	501538_REBUILD	Priority cartridge valve	1
POS	PARTNUMBER	PARTNAME	QT

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	Product type	DCC-30-A		
Cover GP	Number	501894-00		



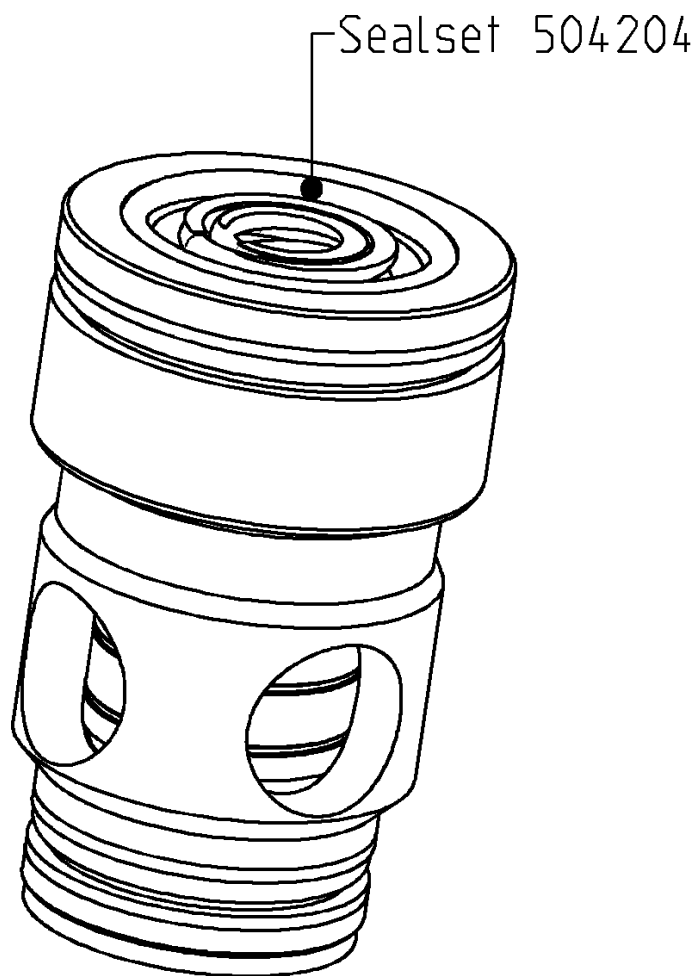
4	501895	Cover	1
3	501537	Cartridge - sequence valve	1
2	500651	Blanking end	1
1	500649	Blanking end	4
POS	PARTNUMBER	PARTNAME	QT

Concrete Crusher	<i>Page</i>	17	<i>of</i>	36
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	<i>Product type</i>	DCC-30-A		
Cartridge - sequence valve	<i>Number</i>	501537-00		

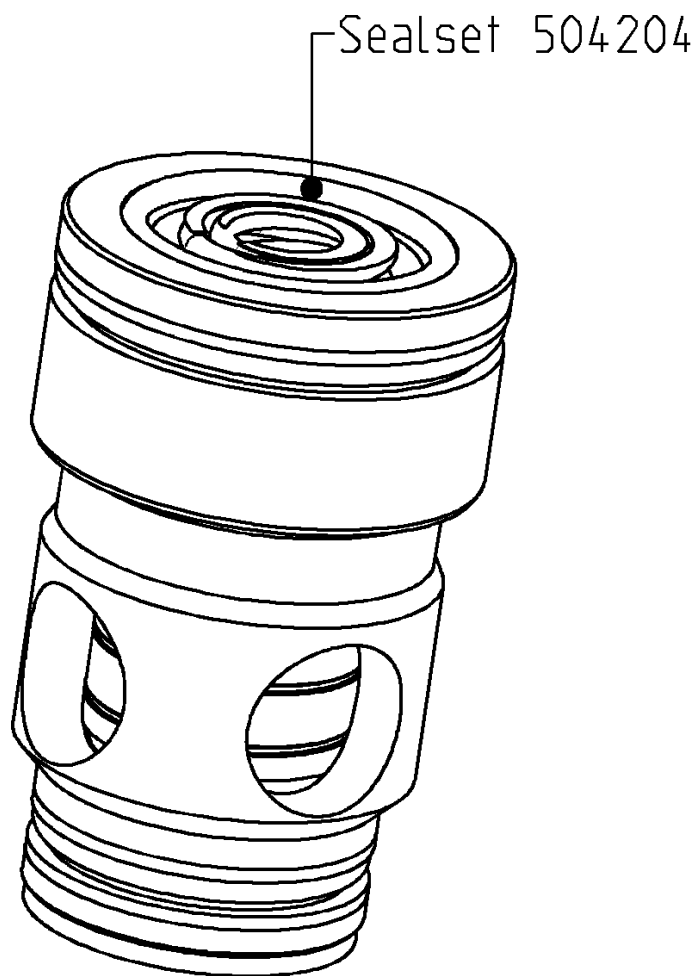


Sealset 504203

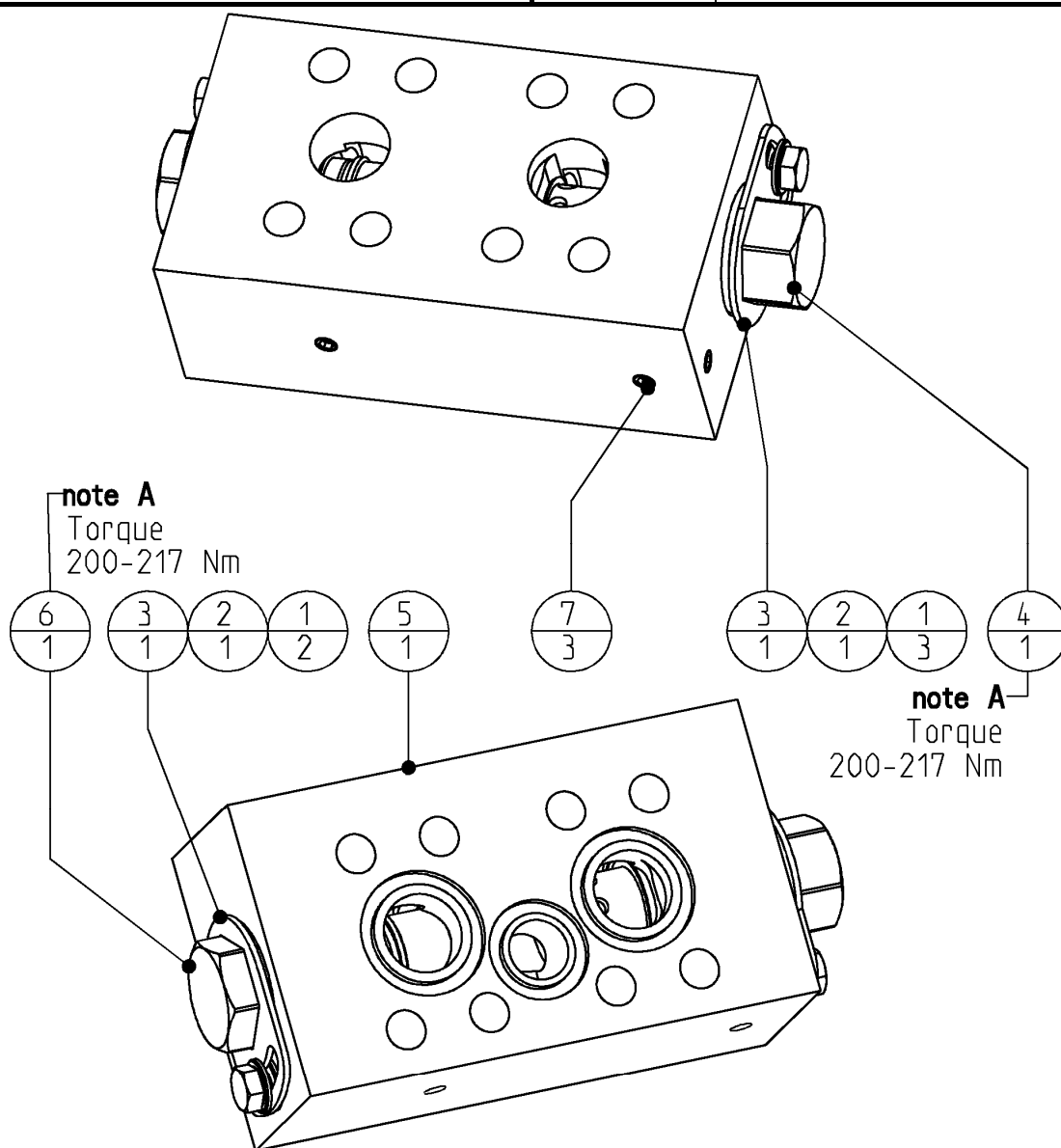
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	<i>Product type</i>	DCC-30-A		
Cartridge - slip-in valve	<i>Number</i>	501896-00		



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	<i>Product type</i>	DCC-30-A		
Cartridge - slip-in valve	<i>Number</i>	501897-00		



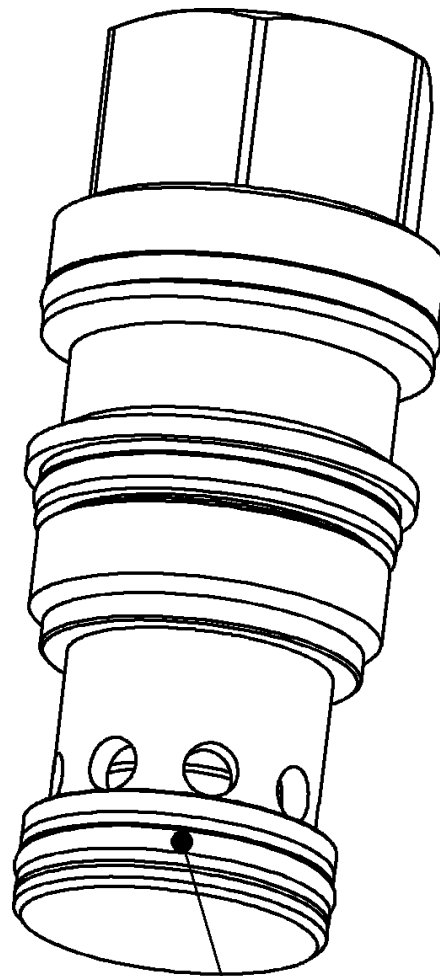
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	Product type	DCC-30-A		
DemaPower valve GP	Number	501795-01		



note A:
Mount with cyberbound TT62
according instruction at the
end of the partsbok.

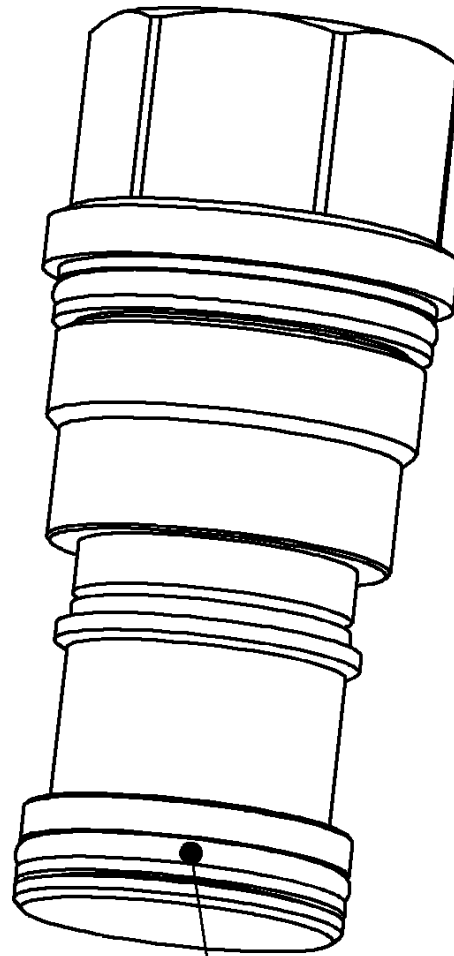
7	502132	Hex.socket plug-tappered	3
6	502117	Cartridge - check valve	1
5	501796	Valve - housing	1
4	501378	Cartridge - check valve	1
3	501347	Lockplate Key 32	2
2	500103	Bolts Hexagon	2
1	500041	Washer normal	5
POS	PARTNUMBER	PARTNAME	QT

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	<i>Product type</i>	DCC-30-A		
Cartridge – check valve	<i>Number</i>	501378-00		



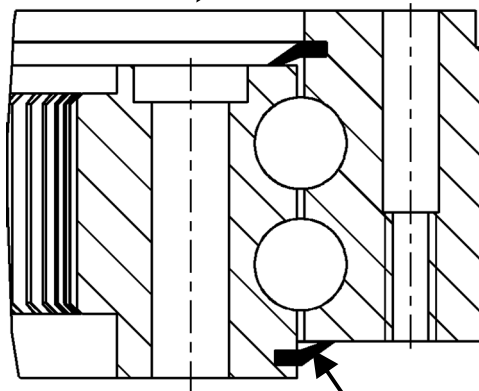
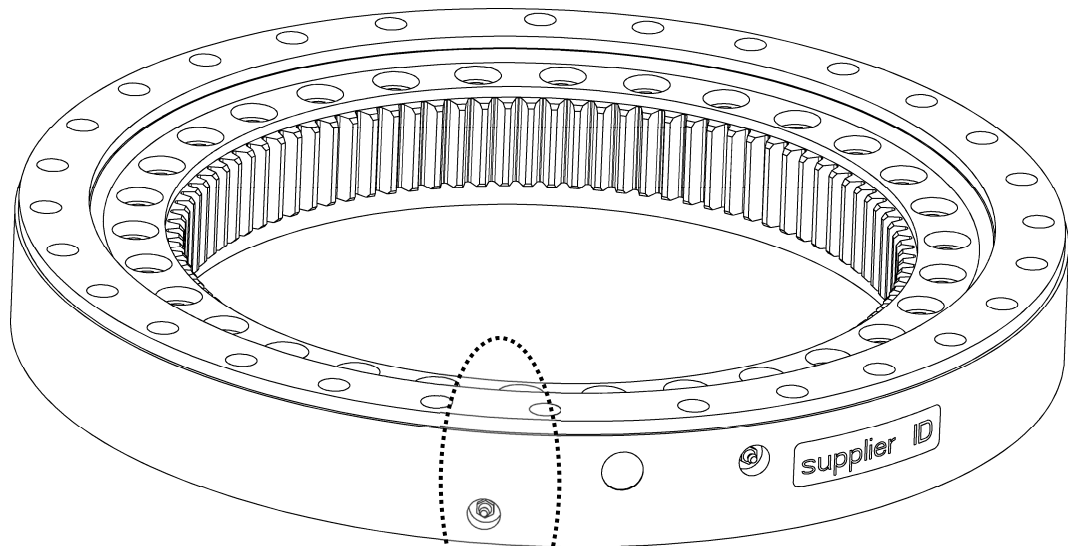
Sealset 504024

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	<i>Product type</i>	DCC-30-A		
Cartridge – check valve	<i>Number</i>	502117-02		

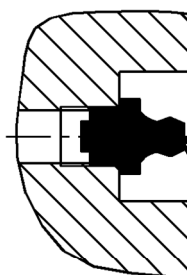


Sealset 504024

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	Product type	DCC-30-A		
Slewing ring	Number	500591-01		

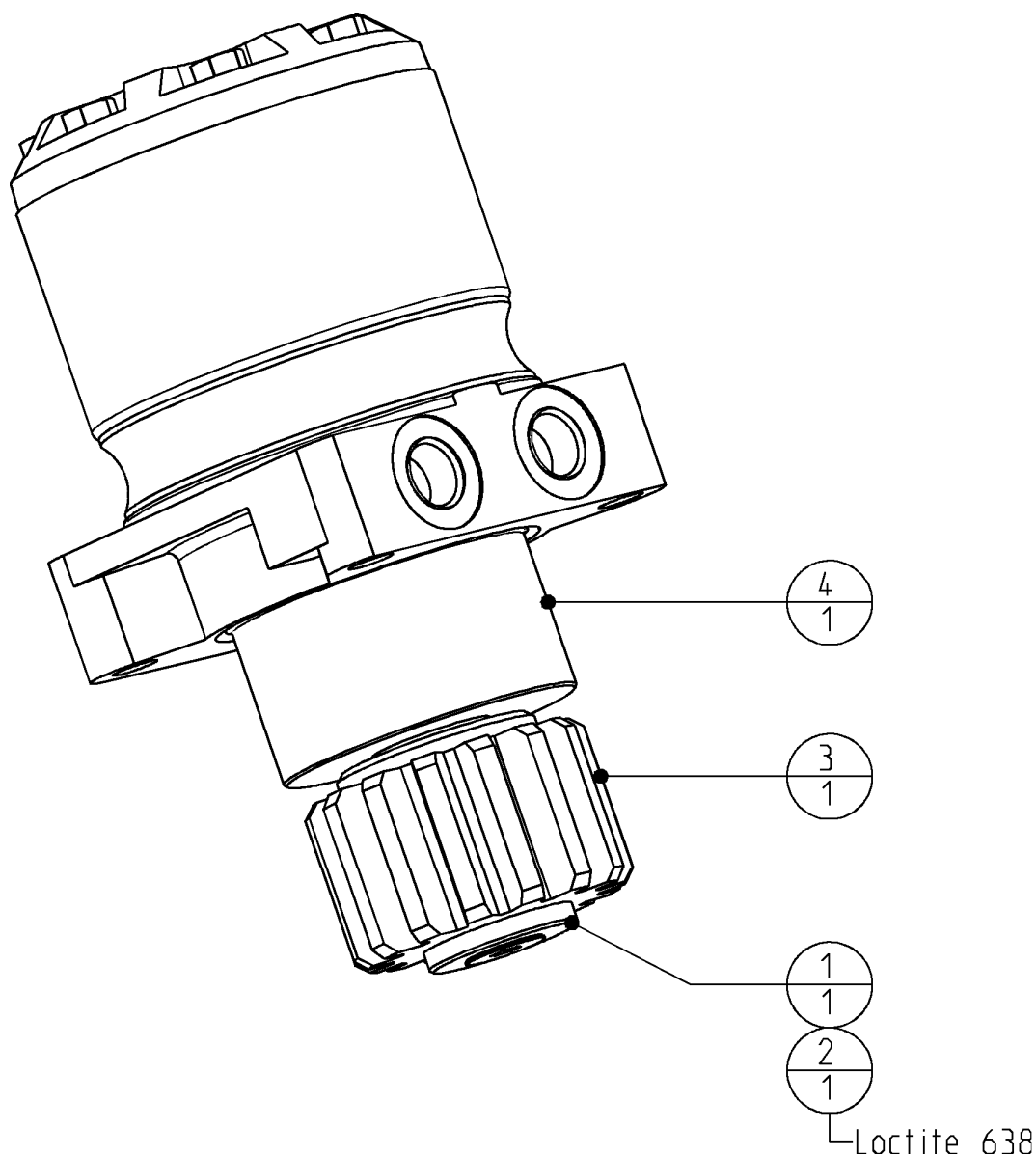


**2x seal 256060900
mount with Loctite 480**



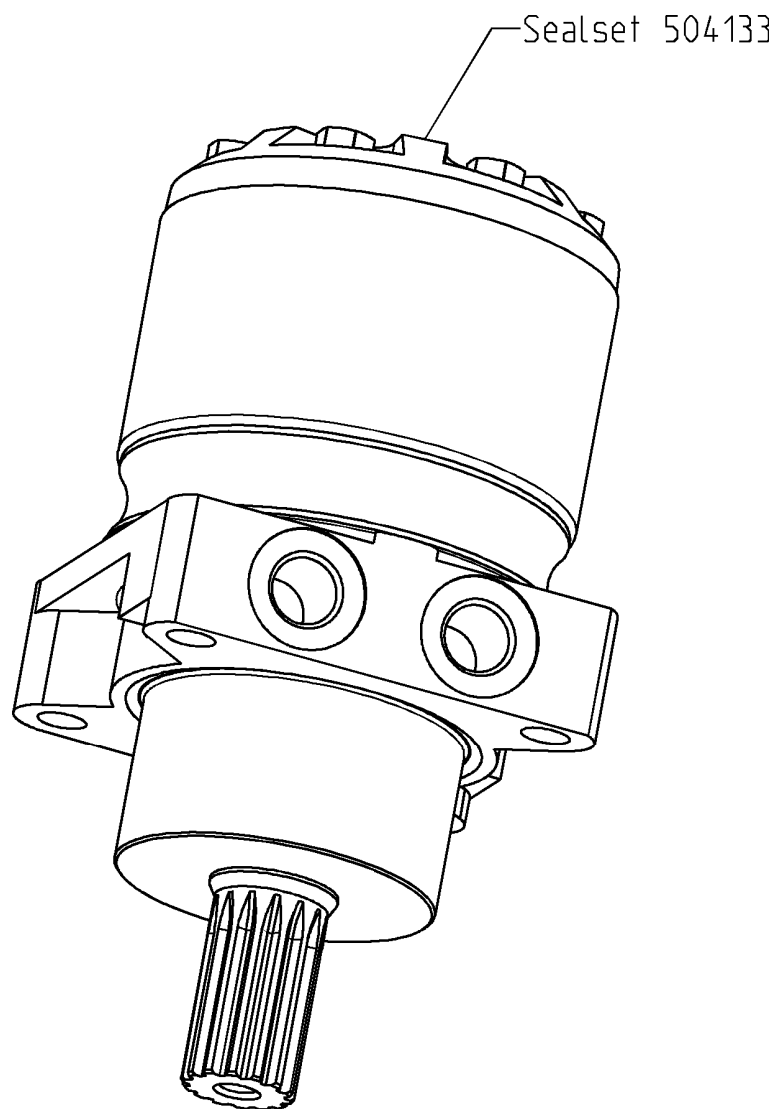
**2x grease nipple
500560**

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	Product type	DCC-30-A		
Hydraulic motor GP	Number	407855-02		



4	501801	Hydraulic motor	1
3	501099	Pinion	1
2	500347	Flat countersunk head cap screws	1
1	407692	Washer	1
POS	PARTNUMBER	PARTNAME	QT

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	<i>Product type</i>	DCC-30-A		
Hydraulic motor	<i>Number</i>	501801-00		



Concrete Crusher

Swivel GP

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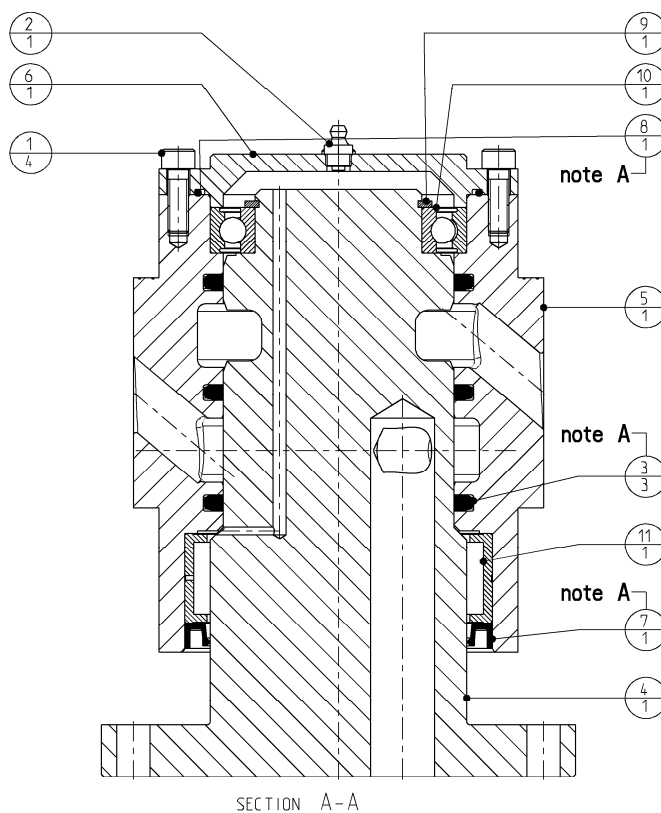
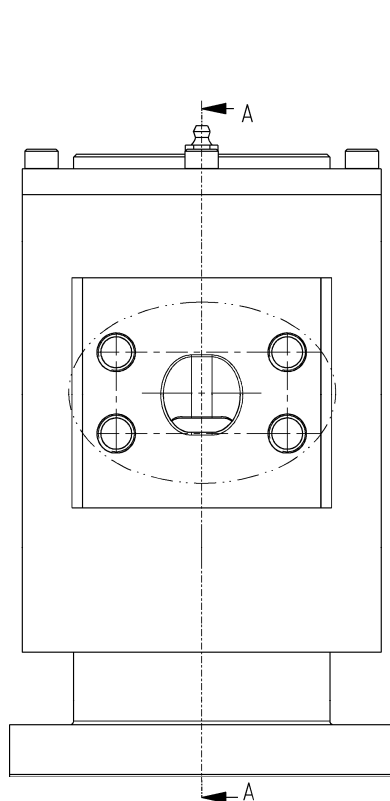
March 2021

Product type

DCC-30-A

Number

501900-02

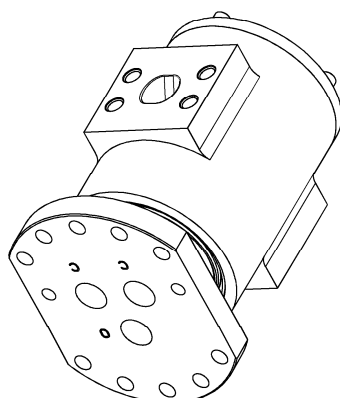
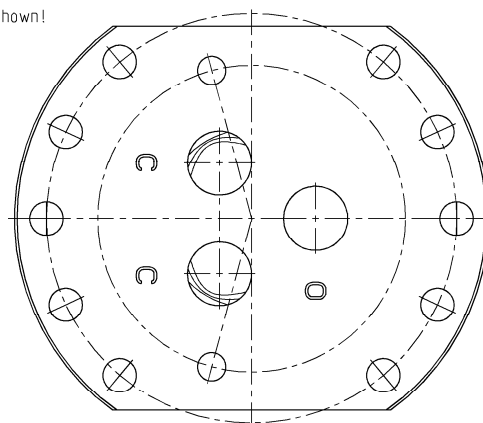
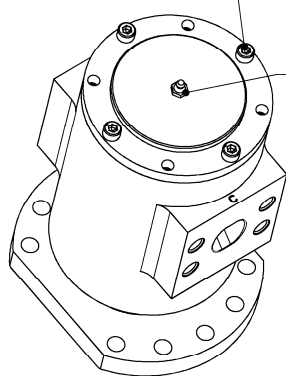


Note A:

Part of sealset 504199

Mount bolts on positions as shown!

Grease complete swivel after assembling!



11	507055	Bearing needle	1
10	507054	Ball bearing	1
9	506085	Retainingring	1
8	504192	O-ring	1
7	504191	Radial Oil Seal	1
6	501903	Cover	1
5	501902	Housing	1
4	501901	Stator	1
3	500630	Roto seal Ø90xØ105,5x6,3	3
2	500560	Grease - nipple	1
1	500223	Hex. socket head cap screw	4
POS	PARTNUMBER	PARTNAME	QT

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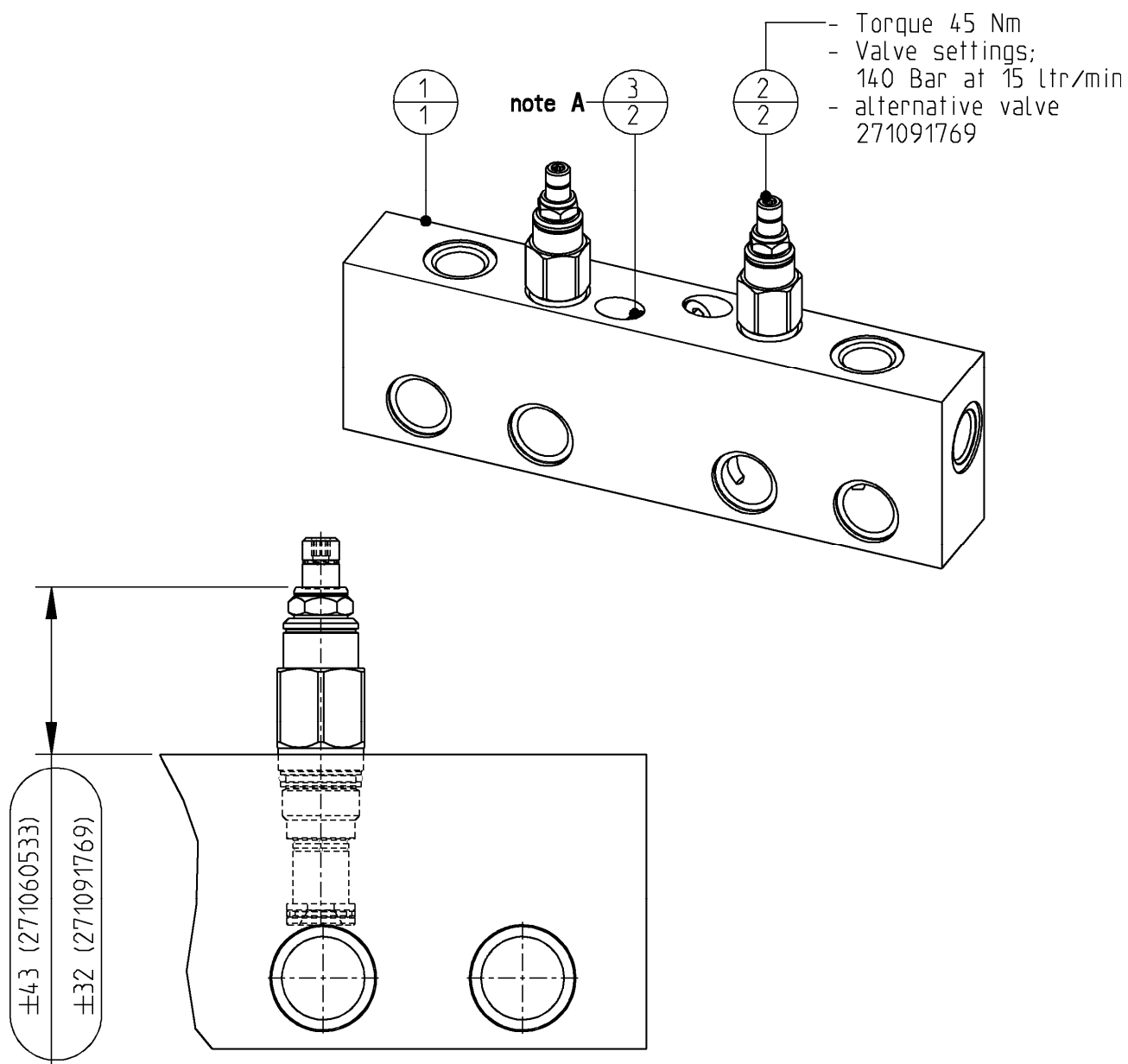
Product type

DCC-30-A

Valve GP

Number

501733-01

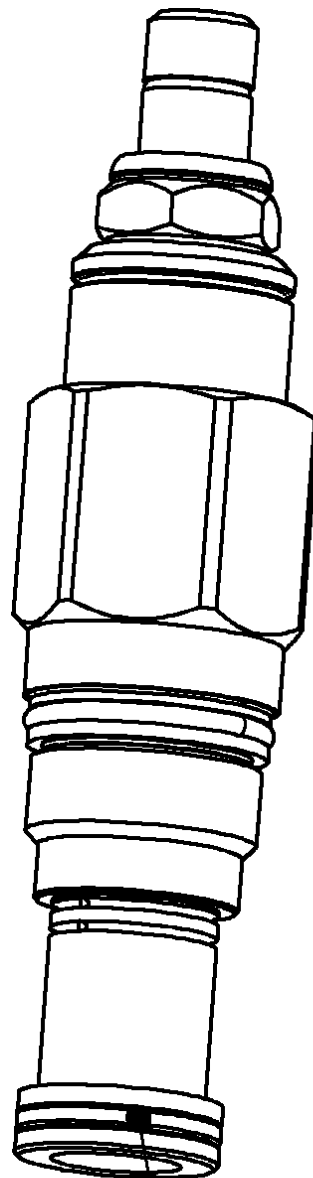


Note A:

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

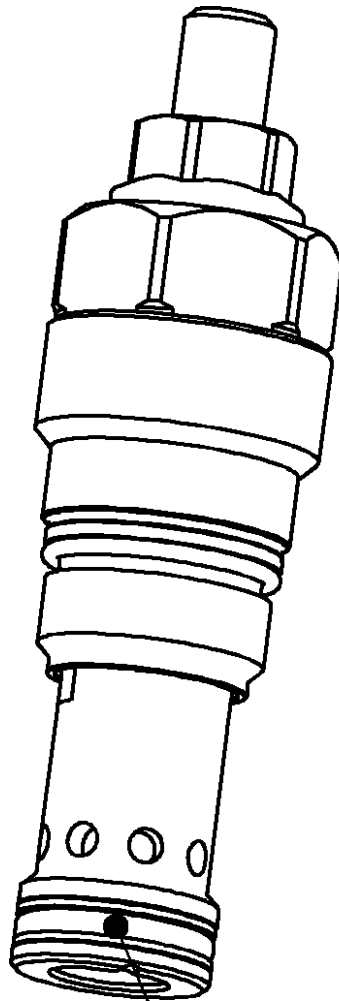
3	290066544	Blanking end ISO 6149	2
2	271060533	Cartridge- relief valve	2
1	501734	Baseplate	1
POS	PARTNUMBER	PARTNAME	QT

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	<i>Product type</i>	DCC-30-A		
Cartridge – relief valve	<i>Number</i>	271060533-C		



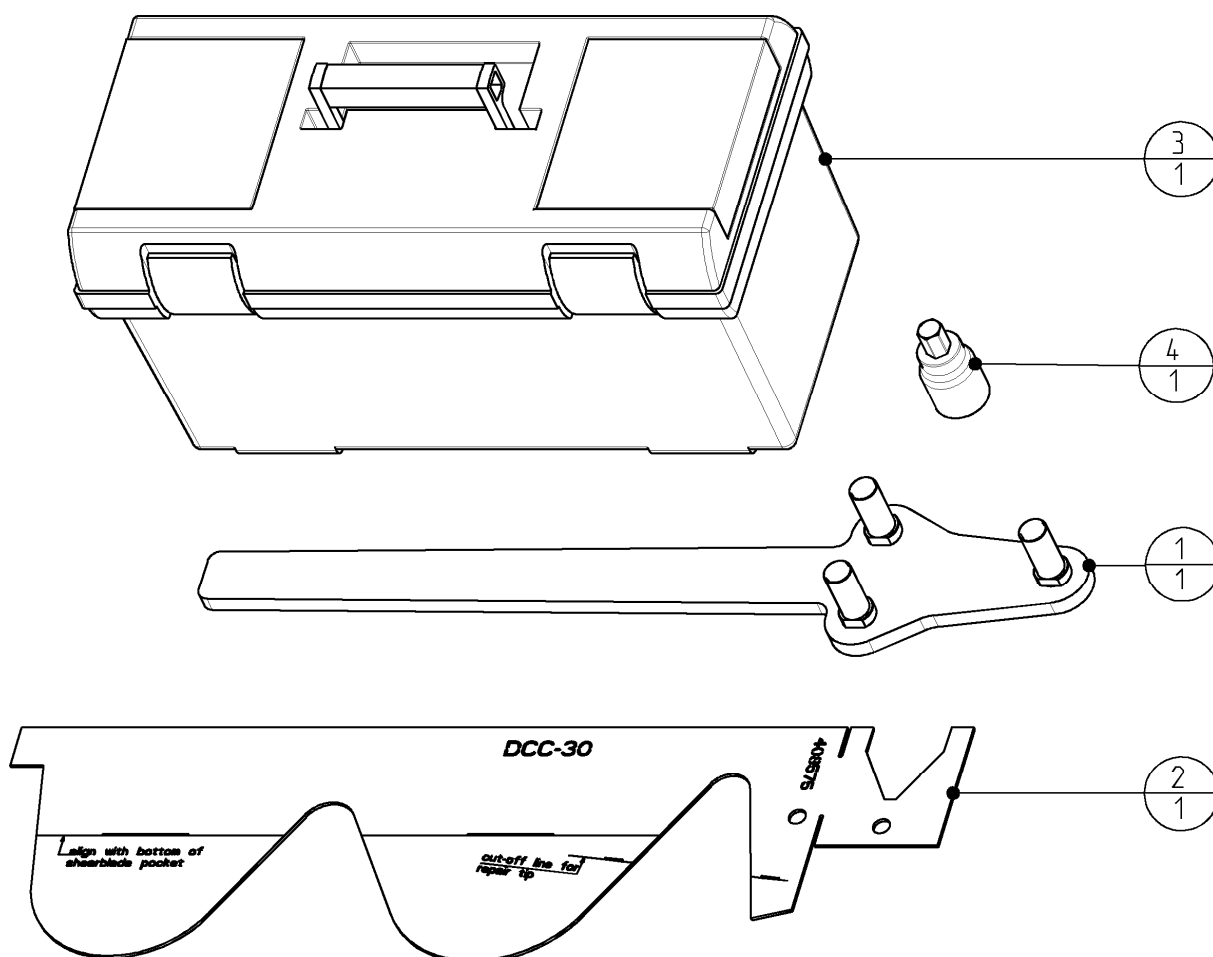
Sealset 504203

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	<i>Product type</i>	DCC-30-A		
Cartridge – relief valve	<i>Number</i>	271091769-A		



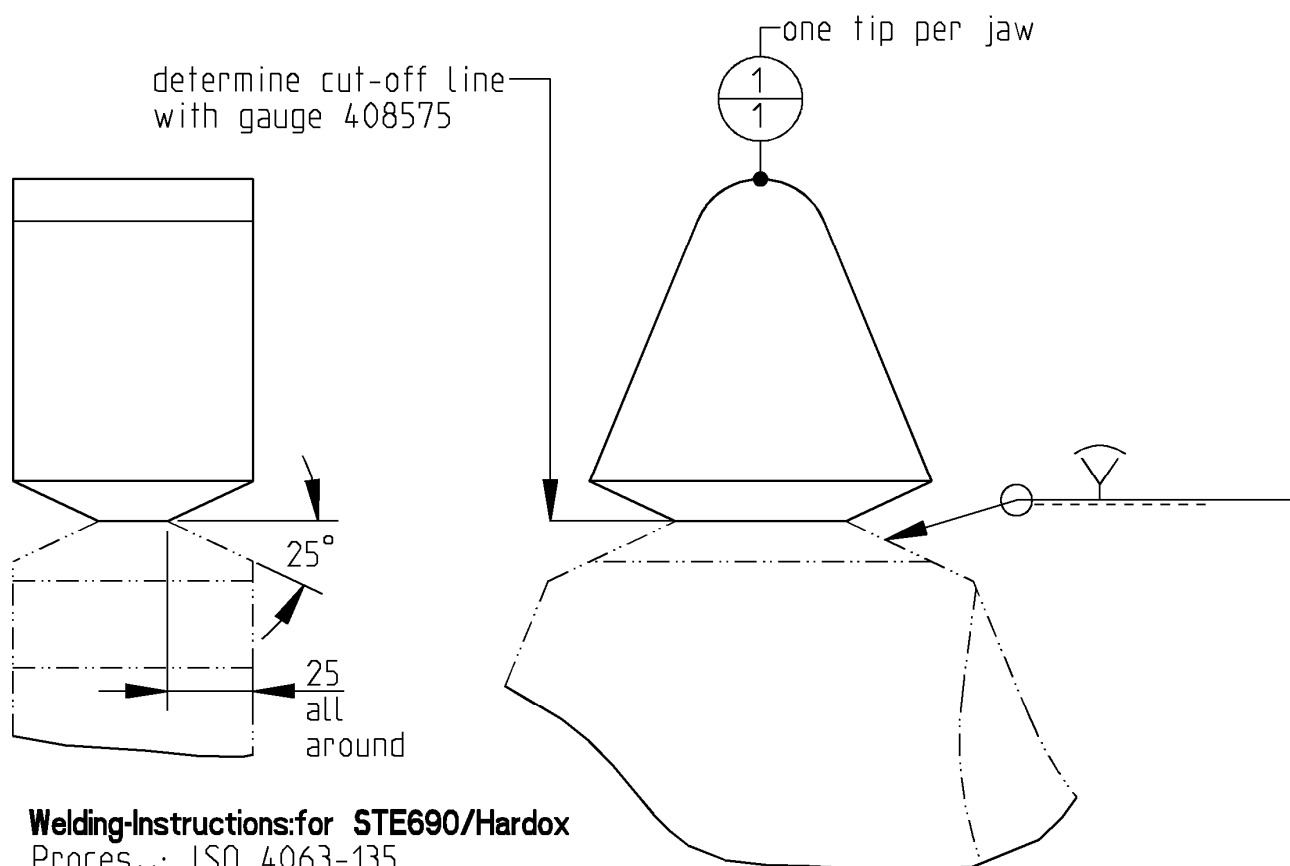
Sealset 504213

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	Product type	DCC-30-A		
Service kit (optional)	Number	408657-00		



4	192072798	Screwdriver bit socket	1
3	508136	Toolbox GP	1
2	408575	Gauge DCC-30 jaw	1
1	404990	Key GP	1
POS	PARTNUMBER	PARTNAME	QT

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	Date	March 2021		
	Product type	DCC-30-A		
Tip repair (optional)	Number	408664-00		



Welding-Instructions:for STE690/Hardox

Proces.: ISO 4063-135

Quality.: ISO 5817-C

Position: ISO 6947-PA/PB

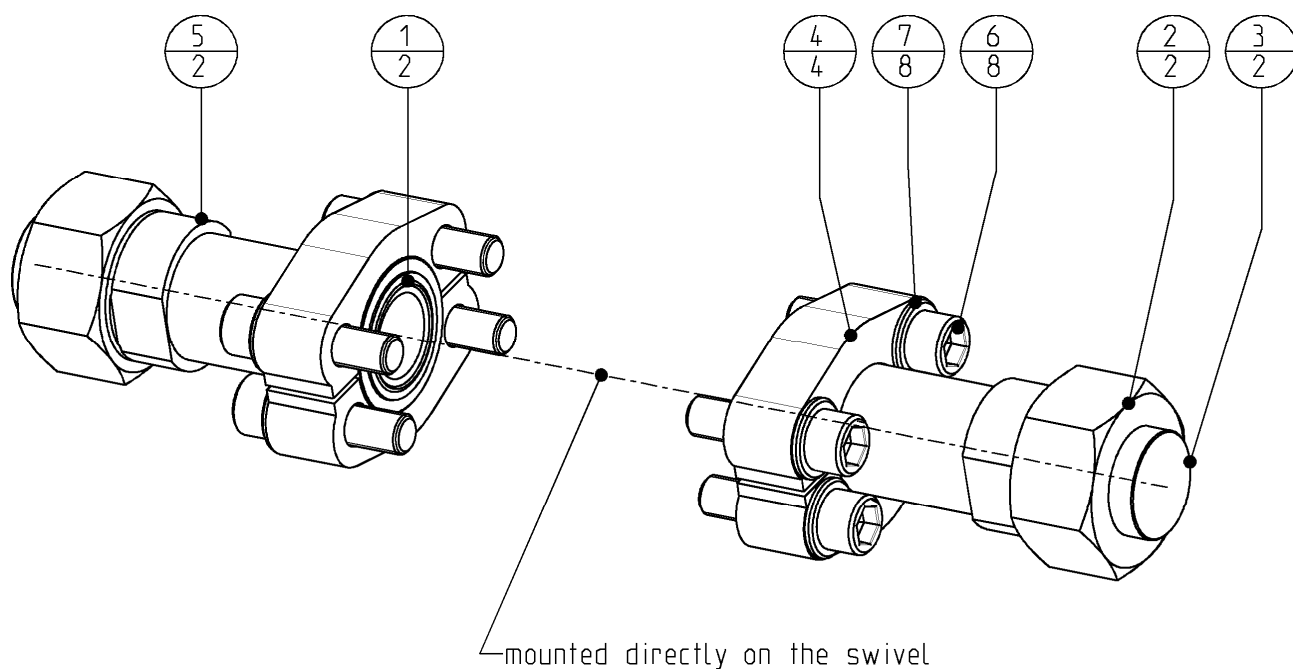
Material: Lastek 10015

AWS A5.28: ER100 S-1

- Pre-heat welding seams 100-150°C
- All welds not specified: a6
- After welding, gradually cooling down

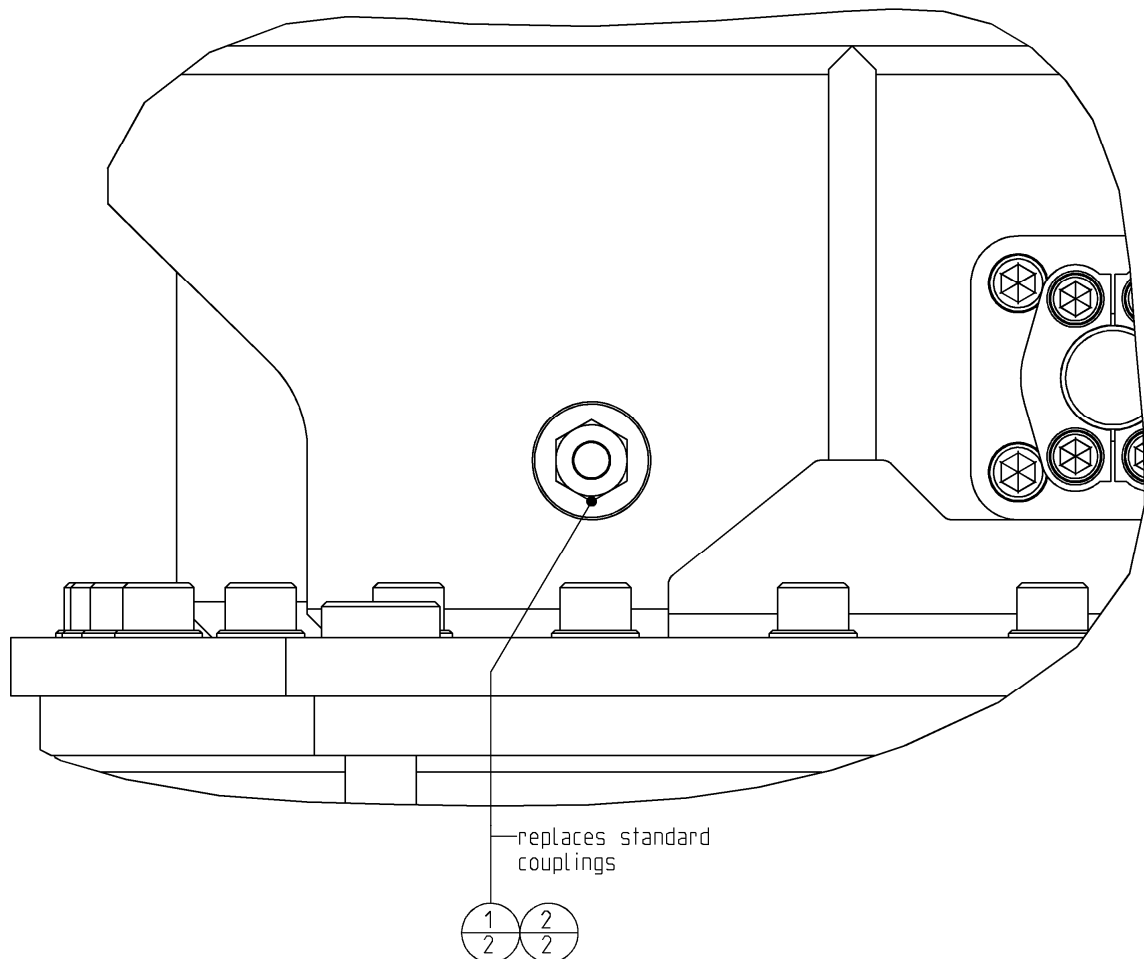
1	408664	DCC-30 tip-repair	1
POS	PARTNUMBER	PARTNAME	QT

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	Date	March 2021		
	Product type	DCC-30-A		
Fitting kit 38S (optional)	Number	408496-01		



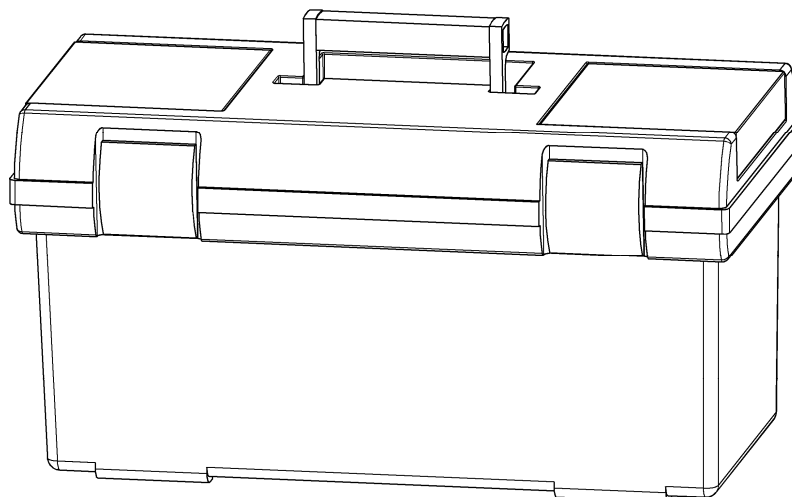
7	122000163	Washer normal	8
6	506005	Hex. socket head cap screw	8
5	503912	SAE flange adapter XLong	2
4	503504	SAE split flange	4
3	500949	Blanking plug	2
2	500930	Nut coupling	2
1	500603	Seal - flange	2
POS	PARTNUMBER	PARTNAME	QT

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	Date	March 2021		
	Product type	DCC-30-A		
Fitting kit JIC (optional)	Number	406403-00		



2	503662	Blanking cap	2
1	503650	Male stud coupling	2
POS	PARTNUMBER	PARTNAME	QT

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	Date	March 2021		
	Product type	DCC-30-A		
Toolbox	Number	508136-02		



**Content of toolbox,
completed with shims, partsbook and manual of the shear**

				25	257013302	Kantseal 15,54 x 2,51	2
				24	121060762	Locknut M10 SEAL LOCK	2
				16	504009	O-ring 44,04x 3,53	3
				17	504017	O-ring 36,09x 3,53	2
				18	504048	O-ring 25,3 x 2,4	3
				19	504047	O-ring 20,3 x 2,4	3
				20	504046	O-ring 16,3 x 2,4	3
				21	504070	O-ring 12,37x 2,62	3
				22	504045	O-ring 12,0 x 2,0	3
				23	504043	O-ring 6,0 x 1,5	3
				15	504041	Seal 1-1/4" 38,8x45,8x2	2
				14	504040	Seal 1" 29,7x35,7x2	2
				13	504039	Seal 3/4" 23,9x29,2x1,5	2
				12	504036	Seal 1/4" 11,6x16,5x1,5	2
				11	504038	Seal 1/2" 18,5x23,9x1,5	2
				10	504097	Seal Flange 1-1/2"	3
				9	500603	Seal Flange 1-1/4"	3
				8	500601	Seal Flange 1"	3
				7	500600	Seal Flange 3/4"	3
				6	189069365	Sticker "Free to tank"	2
				5	508152	Sticker "Maintenance"	4
				4	508113	Sticker "Safety"	4
				3	503638	Testpoint 7/16"UNF	2
				2	500740	Testpoint G1/4"	2
				1	508137	Toolbox 580x290x300	1
45	251065237	Back-up ring 50,0x 44,6x1,4	2	POS	PARTNUMBER	PARTNAME	QT
44	504026	Back-up ring 44,5x42,5x2,9	2				
43	290058186	Blanking end M33x2 OR	1				
42	290058185	Blanking end M27x2 OR	1				
41	290058184	Blanking end M22x1,5 OR	1				
40	290066544	Blanking end M10x1,0 OR	1				
39	500654	Blanking end 1" -WD	1				
38	500653	Blanking end 3/4"-WD	1				
37	500652	Blanking end 1/2"-WD	1				
36	500651	Blanking end 3/8"-WD	1				
35	500650	Blanking end 1/4"-WD	1				
34	500649	Blanking end 1/8"-WD	1				
33	502562	Bleedingscrew M10 L=58,5	2				
32	120075770	Blanking screw M8x1,0	4				
31	502000	Filter line built-in	2				
30	506046	Glue Loctite 2701 5ml	1				
29	195050158	Glue TT62 pump gel	1				
28	508139	Grease cartridge	1				
27	508138	Grease pistol	1				
26	500560	Grease-nipple, straight M10x1	10				

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	Date	March 2021		
	Product type	DCC-30-A		
Additional parts	Number	n.a.		

Chemical lock

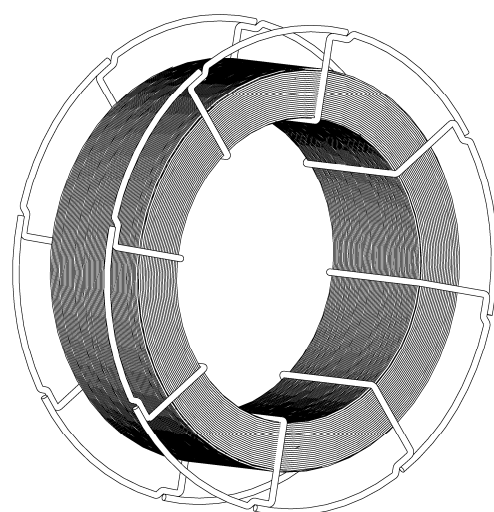
195050158	Cyberbond TT62 Pumpgel	1
506018	Loctite 480 Flacon 20 gr	1
506017	Loctite 638 Flacon 50 ml	1
506016	Loctite 270 Flacon 50 ml	1
PARTNUMBER	PARTNAME	QT



MAG welding wire

- for hard facing cutting blades
- 48-52 HRc
- Standards;
 - AWS A 5.21: no standard
 - EN ISO 14700: ~S Fe14
 - DIN: W.Nr. 1.8425
 - DIN 8555: MSG 2-GZ-500

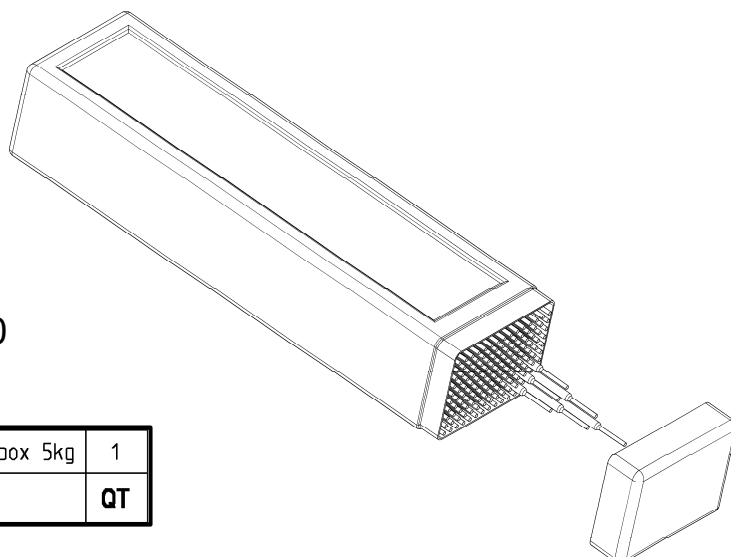
501237	Welding wire MAG; 1.8425. coil 15kg	1
PARTNUMBER	PARTNAME	QT



Welding electrodes

- for hard facing cutting blades
- 48-52 HRc
- Standards;
 - AWS A 5.21: no standard
 - EN ISO 14700: ~S Fe14
 - DIN: W.Nr. 1.8425
 - DIN 8555: MSG 2-GZ-500

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



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	Date	March 2021		
	Product type	DCC-30-A		
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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