



Spare parts

Overhead conveyor

RVS SIGMA/T90

Serial number: _____

Document number (Type): 4691195

Revision:

Language: ENG

Date: 23-10-2019

Machine code: B0161

Source: ENG (Engineering)

Marel Inc.

1024 Airport Parkway

Gainesville, GA 30501

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Gainesville, GA 30503

USA

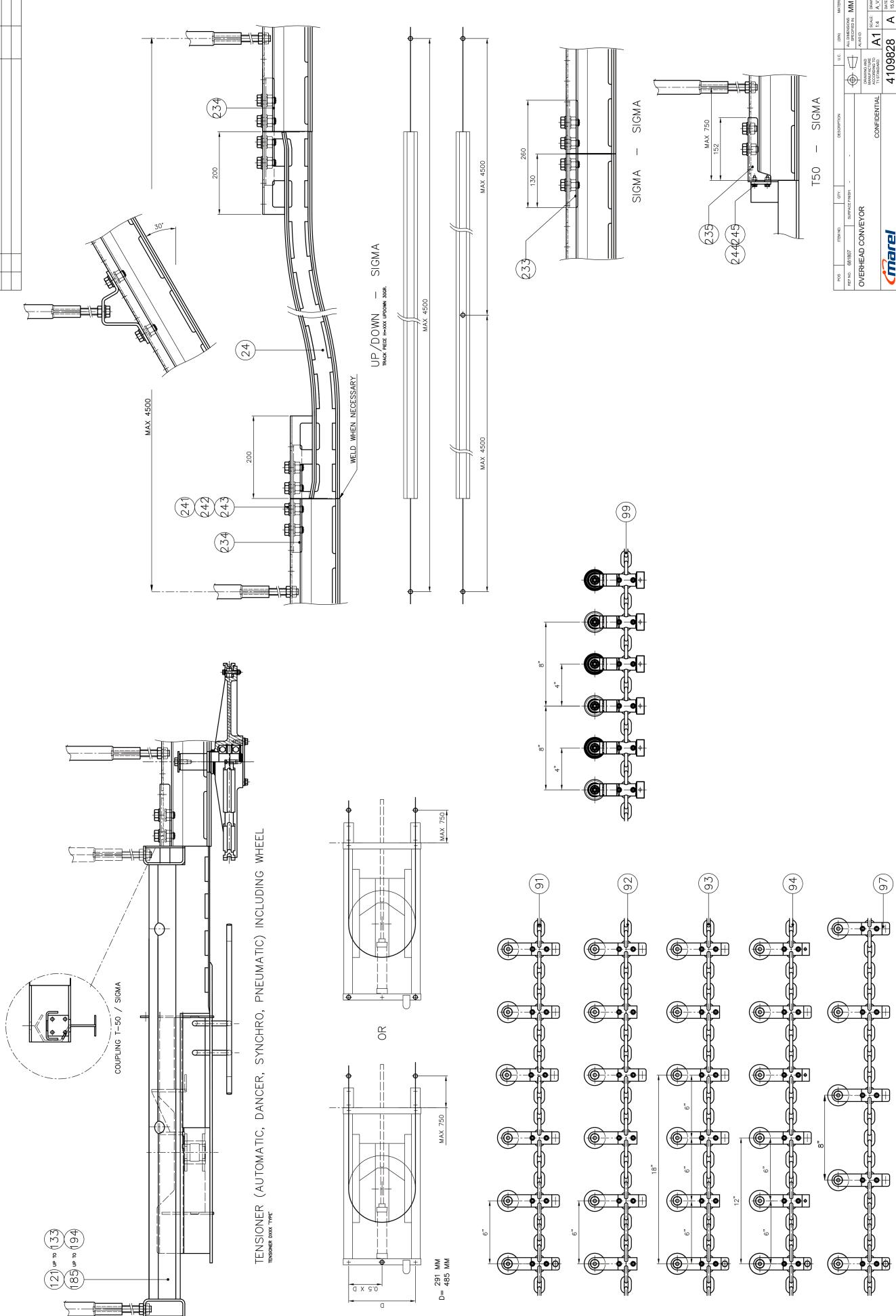
T: +1 770 5327041

F: +1 7705329867

I : www.marel.com

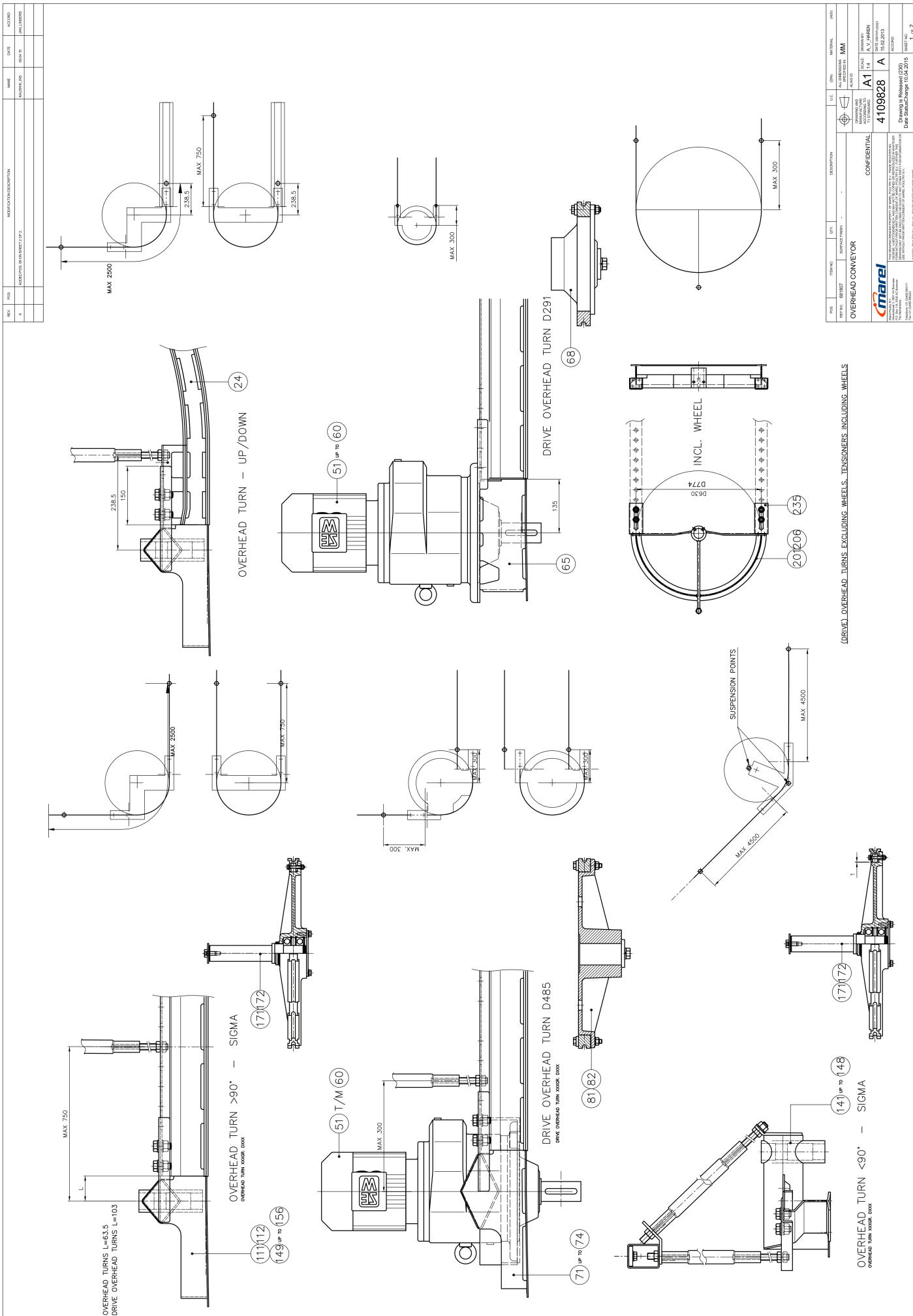
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REV	FILE#	MODIFICATION DESCRIPTION	NAME	DATE	ACCORD
A	ACCO0015-09		KALPANA, MS	2020-04-15	JAN LINDSTEDT



Drawing number 4109828
23-10-2019

Page II



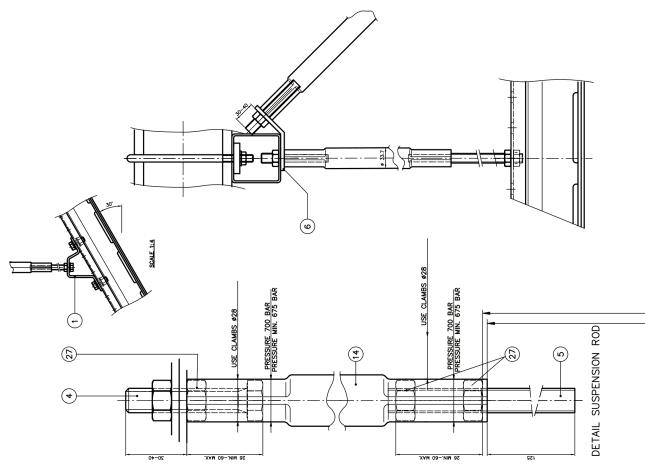
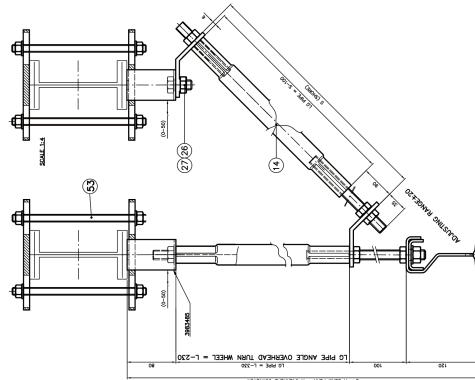
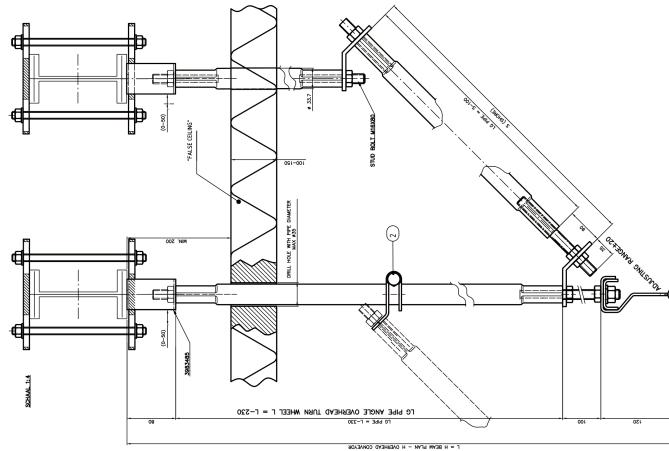
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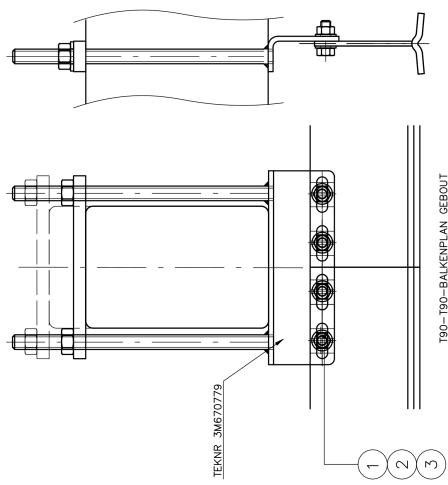
Overhead conveyor

Pos	Part number	Qty	Length/Unit	ABC	Description	Page
21	4696949	1			suspension material	4
22	4696950	1			safety components	12
24	4696951	1			up/down	14
27	4697036	1			active tension control components	16
90 L	3980671	1	63 MT	E	chain with trolleys	24
98	526579	5		BE	master link chain	
149	670688	8			overhead turn	
182 L	4066222	8			guide wheel	32
192 L	4542142	1			tensioner unit	36
195 L	4108906	1			tensioner	44
232	008364965	11	4500 MM		profile	
233	663120	8			profile	
234	673864	14			profile	
241	000138393	150			tap bolt	
242	000185074	150			nut	
243	000350212	300			flat washer	

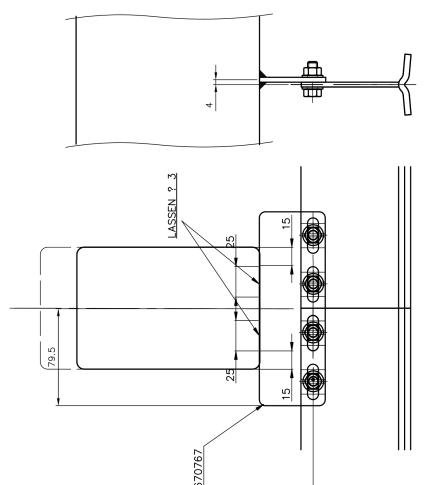
NAME	PHONE	ADDRESS	NAME	PHONE
G	IMPORTED DRAWING ACCORDING TO FILL IN INSTRUCTION	WADDELL INDUSTRIEGERÄTE	J. LIEBLMANN	20/711
G	UPDATED DRAWING ACCORDING TO FILL IN INSTRUCTION		J. LIEBLMANN	20/711
G	IMPORTED DRAWING TO FILL IN INSTRUCTION		J. LIEBLMANN	20/711



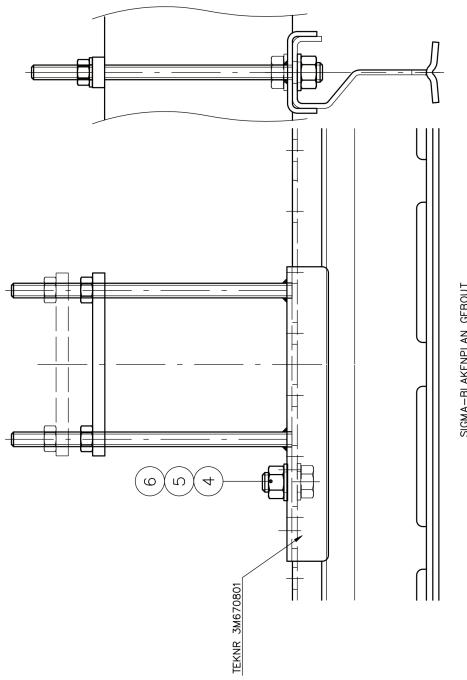
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LJERHOLM	20/07/11	
LJERHOLM	20/07/11	
LJERHOLM	20/07/11	



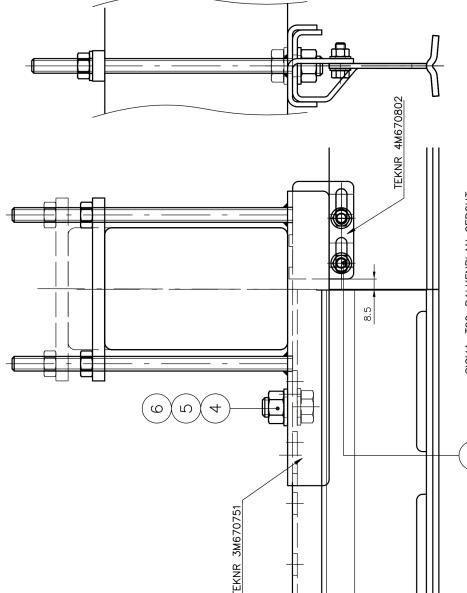
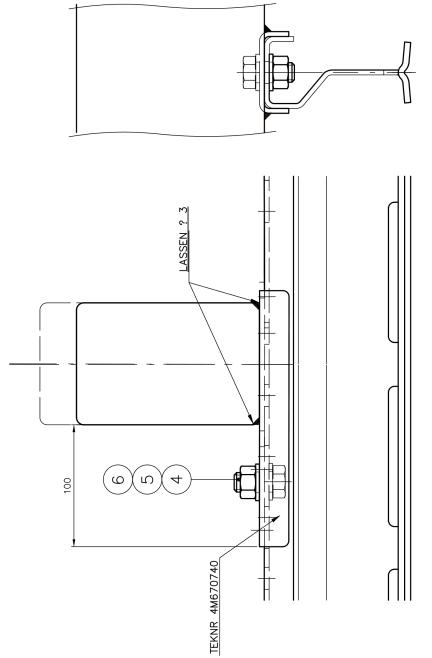
T90-T90-BALKENPLAN GEBOUT



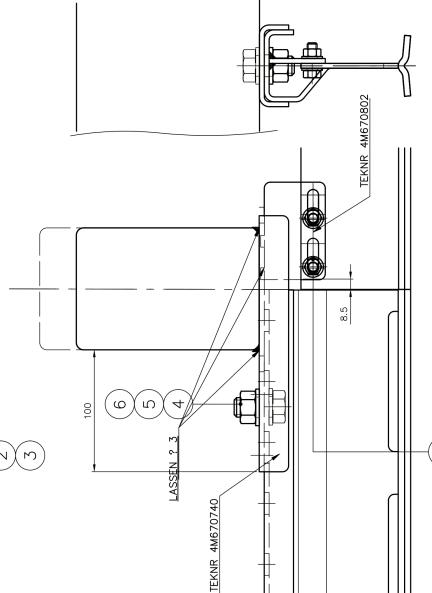
TODD SAWYER



SIGMA-BI AKENPI AN GEBOUT



卷之三



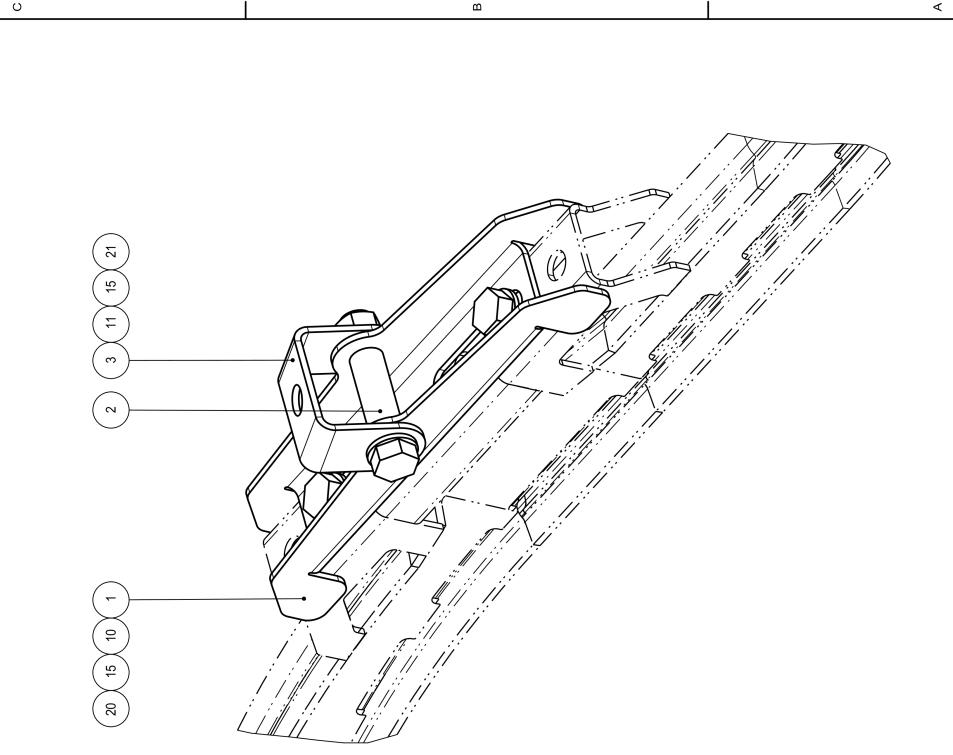
SCHOOL DRAFT KENDRICK CROWN

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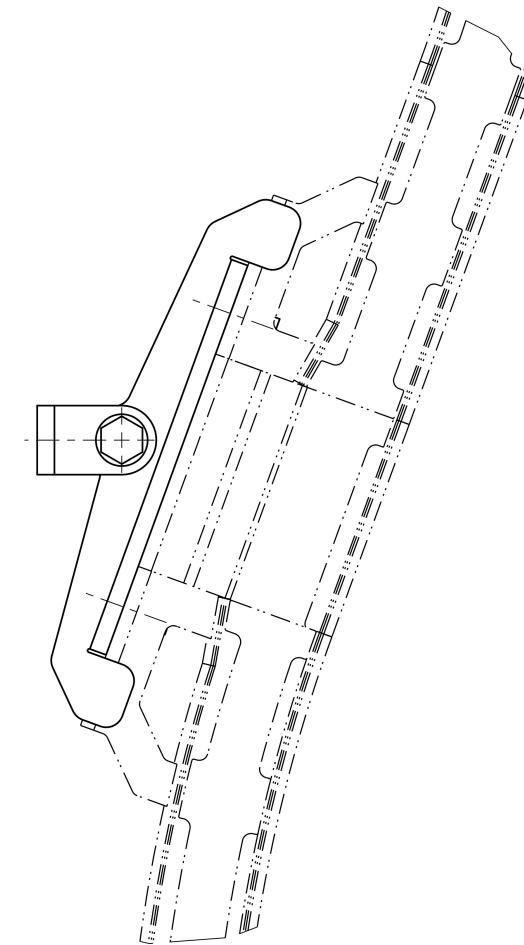
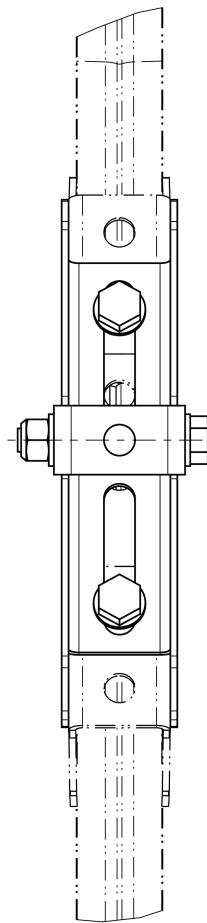
suspension material

Pos	Part number	Qty	Length/Unit	ABC	Description
1	L 4126261	2			bracket
4	000138410	60			tap bolt
5	505504	60			threaded rod
6	642712	70			strip
14	008377233	18	6000 MM		welded pipe
26	000138395	20			tap bolt
27	000185074	380			nut
49	000028144	26	1000 MM		rod with threaded ends
53	L 4058865	51			mounting

21



32

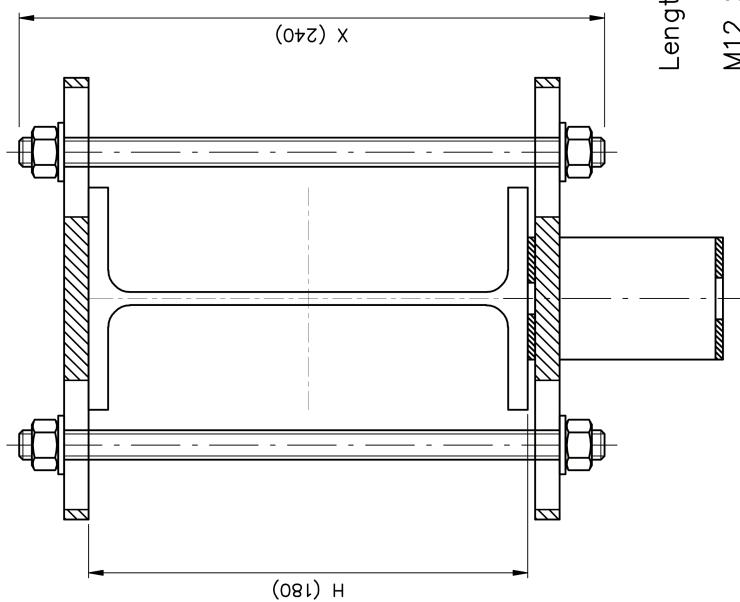
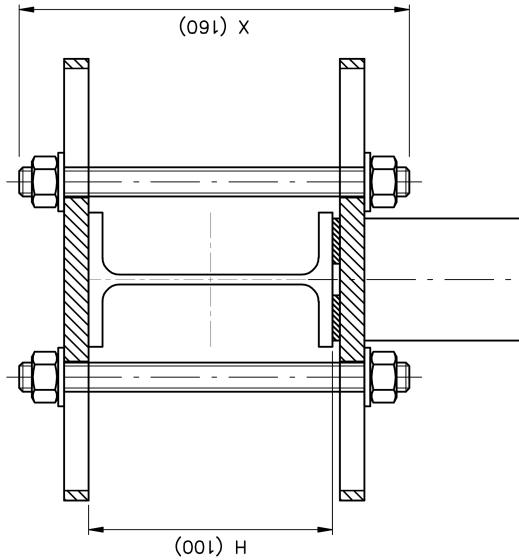


REF. No. -	SURFACE FINISH: -	-		ALL DIMENSIONS SPECIFIED IN MM
BRACKET				ALIAS ID
UPDOWN UNIVERSAL				
CONFIDENTIAL				
DRAWING AND MANUFACTURE ACCEPTED TO STANDARD	SIZE: A2	SCALE: 1:2	DRAWN BY: J. ABEN	ACCORD:
4126262				DATE DRAWN/REV'D/ 2013
Drawing 1 of 1 Drawing 1 of 1 Drawing 1 of 1	MODIFICATION DESCRIPTION	NAME	DATE (ddmmyy)	SHEET NO. 1 OF 1
REV: POS:				

THE DRAWINGS REAINED PROPERTY OF STORK POLY-PROCESSING B.V. Maastrichtseweg 3, 5806 CB, Breda, The Netherlands. P.O. Box 300, 5800 AB, Breda, The Netherlands. Telephone +31 (0) 46 386 9801 Fax +31 (0) 46 386 2622.				
NOTICE: THIS DRAWING IS THE PROPERTY OF STORK POLY-PROCESSING B.V. REPRODUCTION OR DUPLICATING IN WHOLE OR IN PART IS PROHIBITED UNLESS THE DRAWING IS OWNED BY THE CONTRACTOR OR IS PURCHASED BY THE CONTRACTOR FROM STORK POLY-PROCESSING B.V. STORK POLY-PROCESSING B.V. IS NOT RESPONSIBLE FOR ANY DAMAGE CAUSED BY USE OF THIS DRAWING.				
REF. NO. -	4126262	NAME	DATE (ddmmyy)	SHEET NO. 1 OF 1

suspension material / bracket

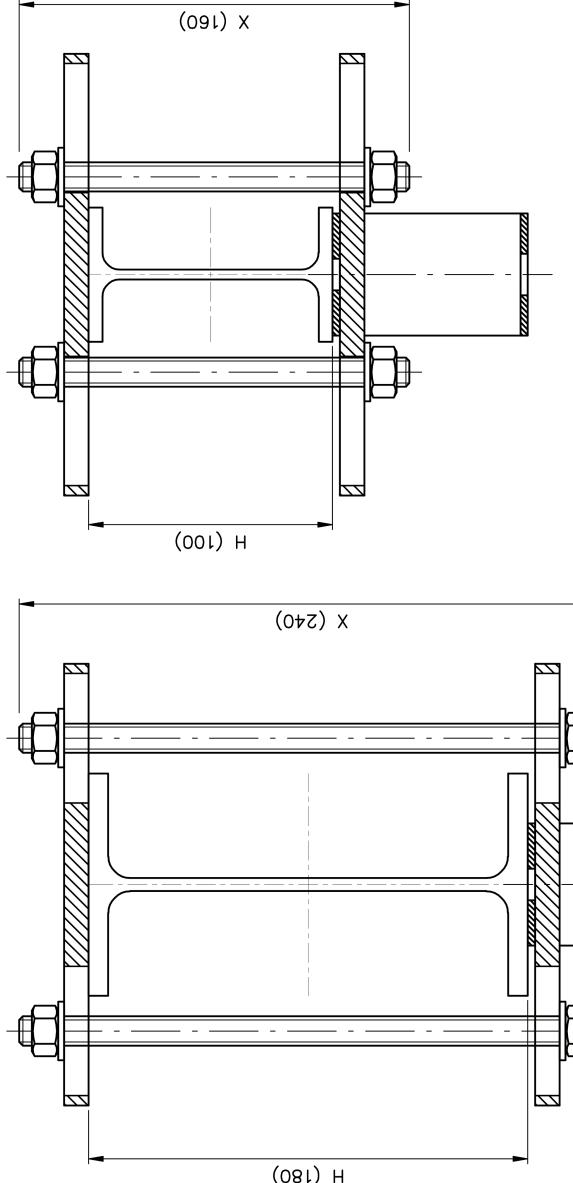
Pos	Part number	Qty	Length/Unit	ABC	Description
1	4126266	1			bracket
2	4126272	1			pipe
3	4126273	1			bracket
10	000138393	2			tap bolt
11	000137151	1			bolt
15	000350212	6			flat washer
20	000185074	2			nut
21	000163354	1			lock nut



Length "X" = Height "H" + 60mm

M12 STUD BOLT ($I=1000\text{mm}$): 000028144
(Specified separately)

POS. REF. NO.	ITEM NO. SURFACE FINISH:	QTY.	DESCRIPTION	U.C.		MATERIAL (ANSI) ALL DIMENSIONS SPECIFIED IN MM. DRAWING AND MANUFACTURE ACCORDING STORK PMT NORM
				THIRD ANGLE PROJ.	SCALE:	
	BRACKET CLAMP –		BEUGEL KLEM –	A3	1:2	DRAWN BY: JORIS_ARTS
	ED BRACKET					ACCORDING: S_ARTS
	STORK®		Stork PMT B.V., trade register, 's-Hertogenbosch number 35099, is member of Stork N.V.	4058856		
	Stork PMT B.V.		This drawing remains property of Stork PMT B.V. and may not be copied or given to any other party for information or use without our written consent.			
			Handelstraat 3, P.O. Box 118 5330 AC Boxtel-Holland Telephone (31) 0495-586111 Fax (31) 0495-582222			
REV. POS.	MODIFICATION DESCRIPTION	NAME	DATE	ACCORD		Drawing is Released (230) Date StatusChange 05.04.2011 SHEET NO: 1 of 1



Length "X" = Height "H" + 60mm

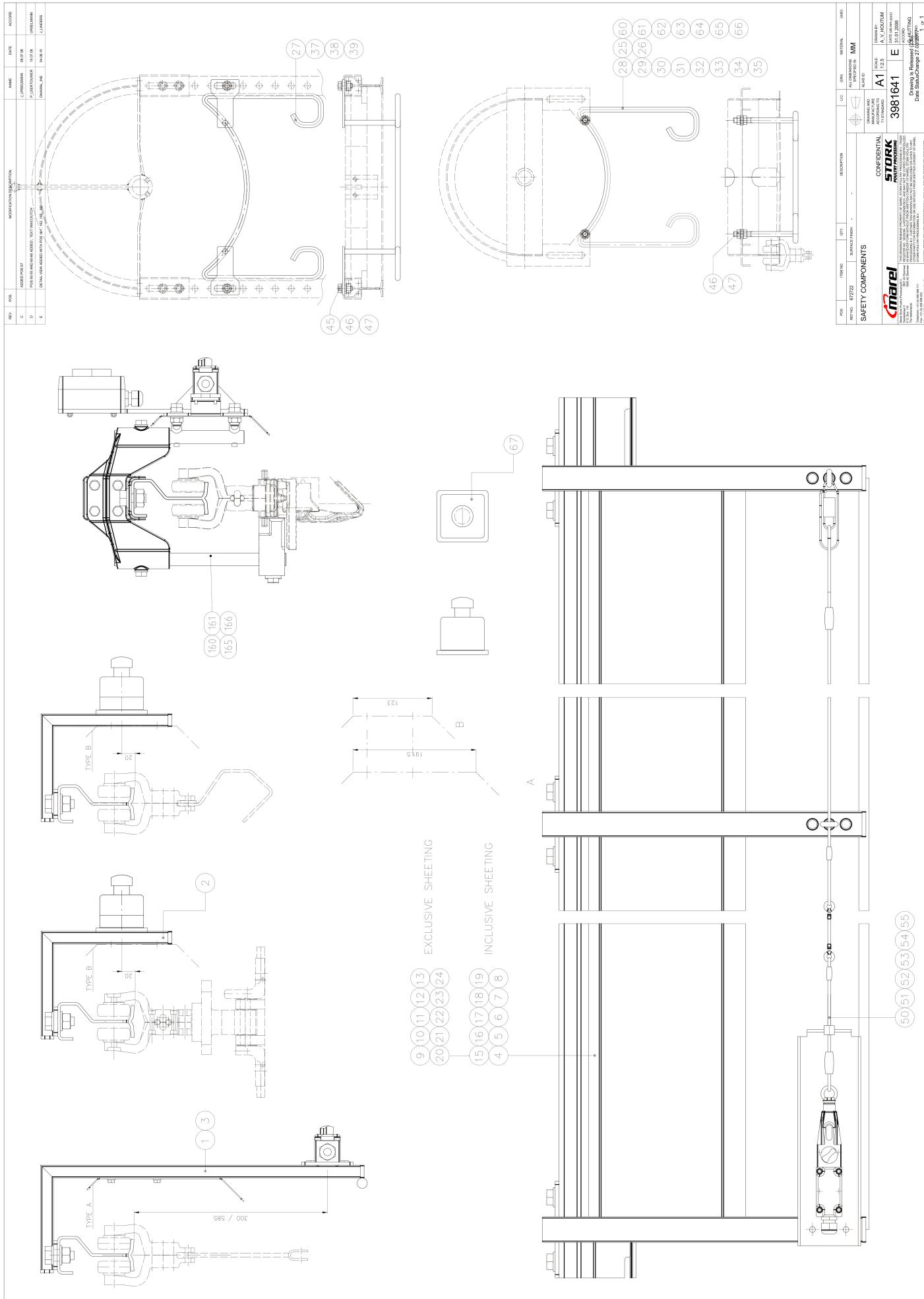
M12 STUD BOLT (l=1000mm): 000028144
(Specified separately)

POS REF NO.	ITEM NO. SURFACE FINISH:	QTY.	DESCRIPTION	U.C. DIN)	MATERIAL (AISI)	ALL DIMENSIONS SPECIFIED IN MM. DRAWING AND MANUFACTURE ACCORDING STORK PMT NORM		
						THIRD ANGLE PROJ. 	SCALE: A3	DATE: 05.04.2011
1	BRACKET CLAMP – ED BRACKET	1	BEUGEL KLEM –	1:2	4058856	STORK PMT B.V. Stork PMT B.V., trade register, "s-Hertogenbosch number 35099, is member of Stork N.V. Handelstraat 13, 5630 AC Boxmeer-Holland P.O. Box 118, 5630 AC Boxmeer-Holland Telephone (+31) 046-5861111 Fax (+31) 046-5862222	ACCORD SARTS	Drawing is Released (220) Date StatusChange 05.04.2011 Drawing is Released (220) Date StatusChange 05.04.2011
								SHEET NO.: 1 OF 1
			MODIFICATION DESCRIPTION					
			REV. POS.					

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suspension material / mounting

<i>Pos</i>	<i>Part number</i>	<i>Qty</i>	<i>Length/Unit</i>	<i>ABC</i>	<i>Description</i>
1	3883162	2			closing strip
2	3983485	1			profile
3	000350210	4			flat washer
4	000185072	4			nut



safety components

<i>Pos</i>	<i>Part number</i>	<i>Qty</i>	<i>Length/Unit</i>	<i>ABC</i>	<i>Description</i>
29	671250	10			bracket
46	000185074	50			nut
47	000350212	50			flat washer

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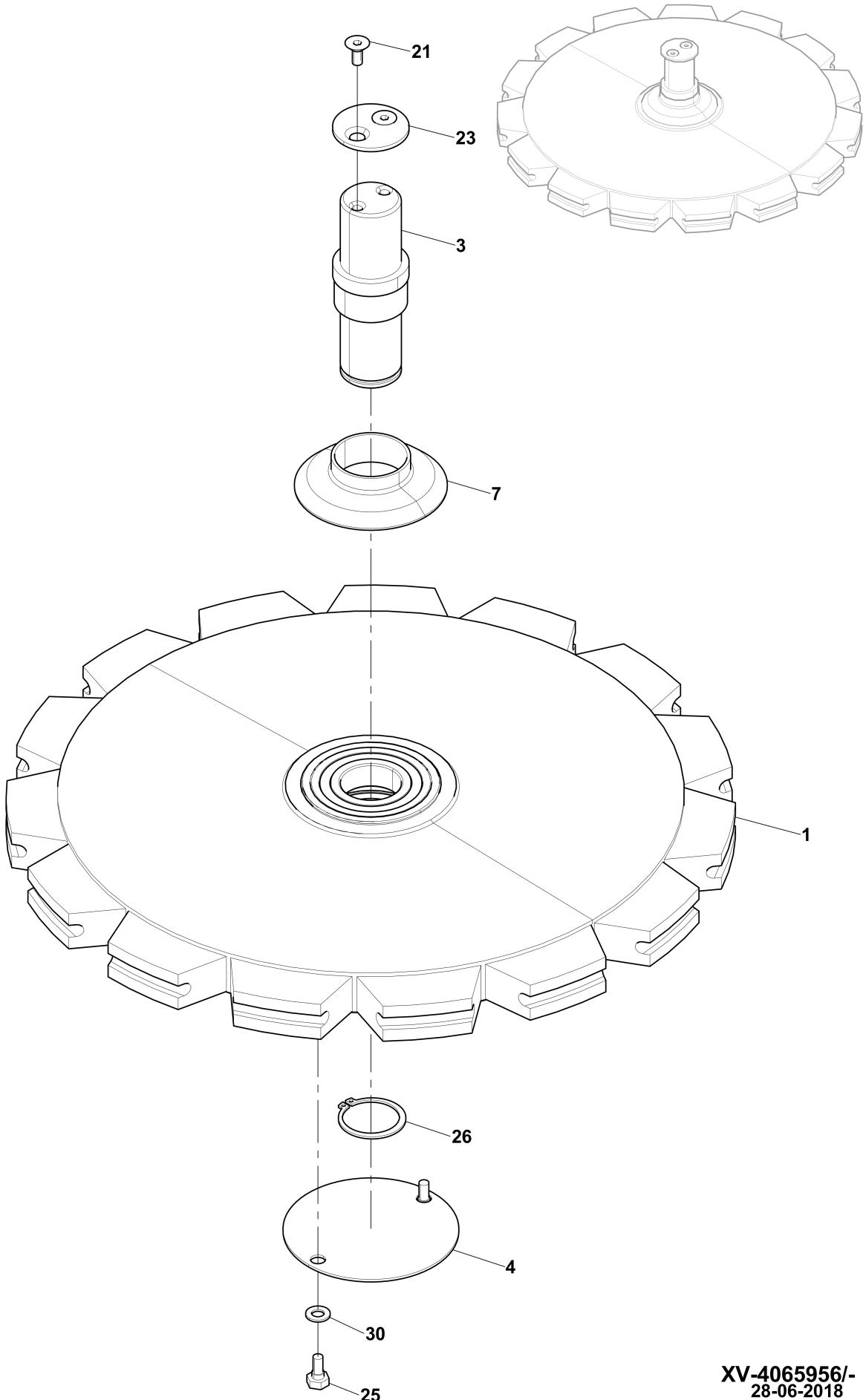
up/down

Pos	Part number	Qty	Length/Unit	ABC	Description
14	672274	1			overhead piece
67	3902547	2			overhead piece
75	691353	1			overhead piece
117	3903203	1			overhead piece
301	670950	2			overhead piece
302	670952	2			overhead piece

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active tension control components

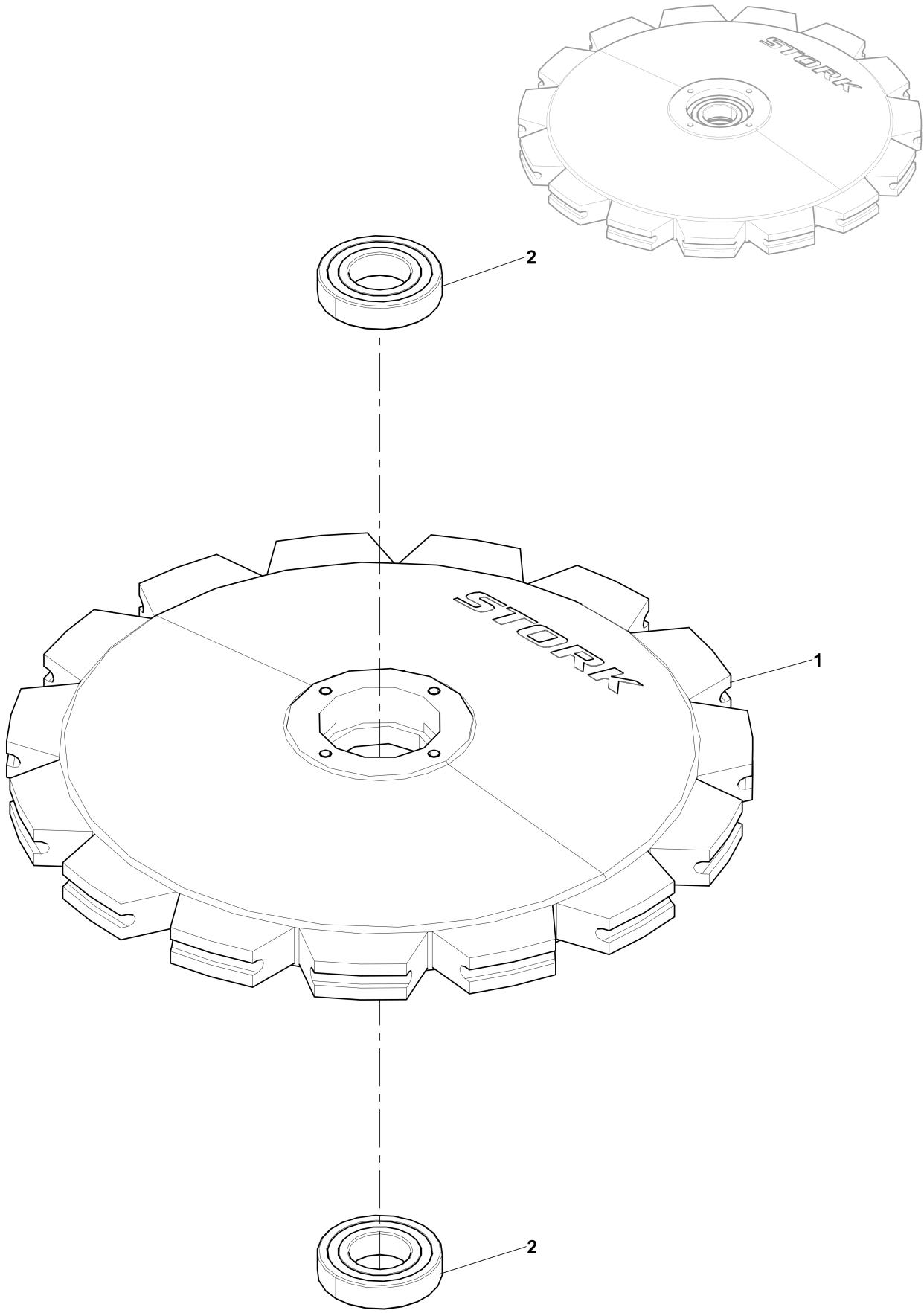
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16	L	4065886	2		guide wheel
60	L	677296	2		track force measurement instrument



XV-4065956/
28-06-2018

active tension control components / guide wheel

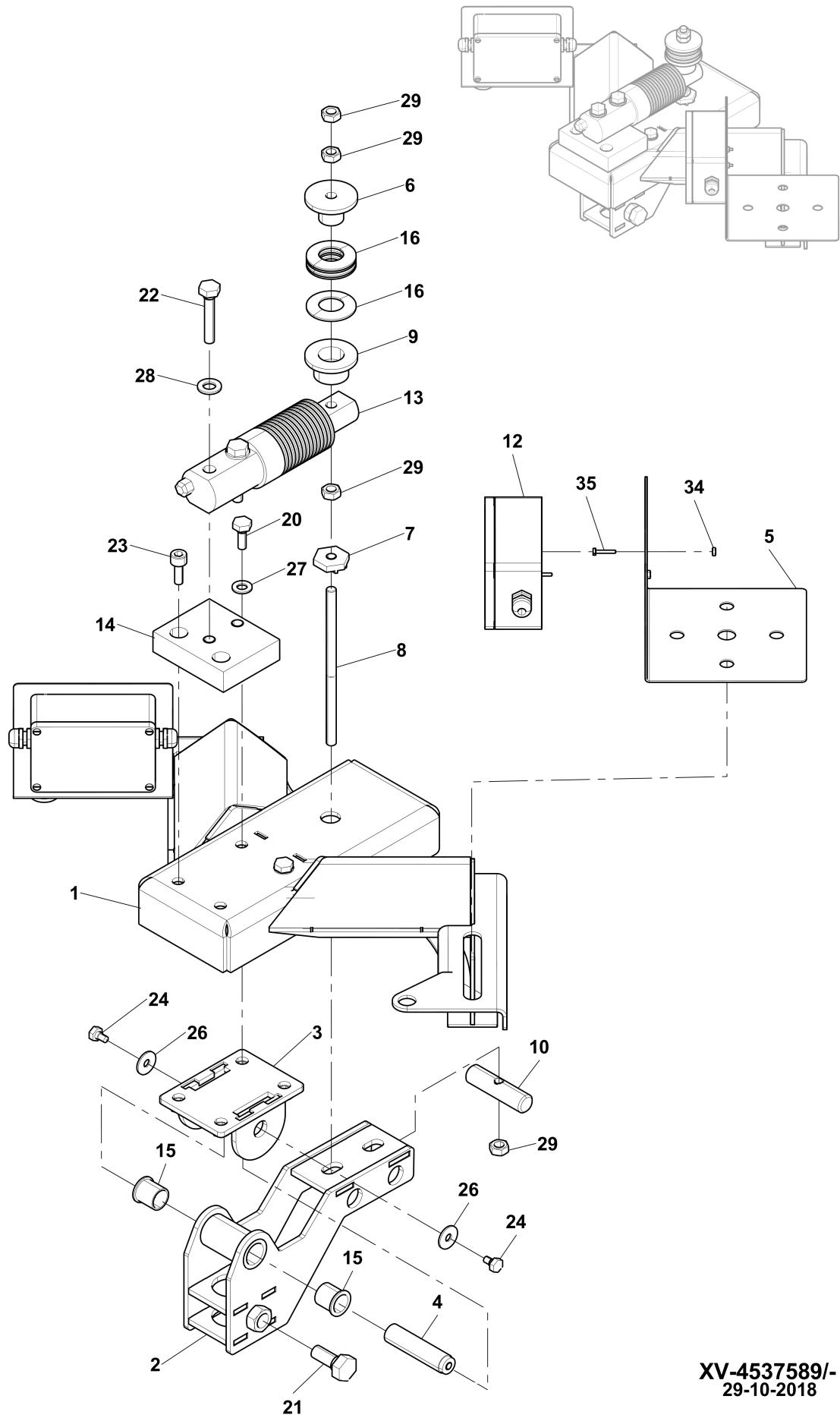
Pos	Part number	Qty	Length/Unit	ABC	Description
1	L 4064962	1			guide wheel
3	673345	1			journal
4	627398	1			special disc
7	3885338	1		D	sealing ring
21	000254359	2		D	socket cap flat head screw
23	673545	1			ring
25	000138185	2			tap bolt
26	080370040	1		D	external snap ring
30	000350208	15			flat washer



XV-4065297/
19-03-2016

active tension control components / guide wheel / guide wheel

<i>Pos</i>	<i>Part number</i>	<i>Qty</i>	<i>Length/Unit</i>	<i>ABC</i>	<i>Description</i>
1	4050541	1		E	guide wheel
2	400001901	2		D	ball groove bearing

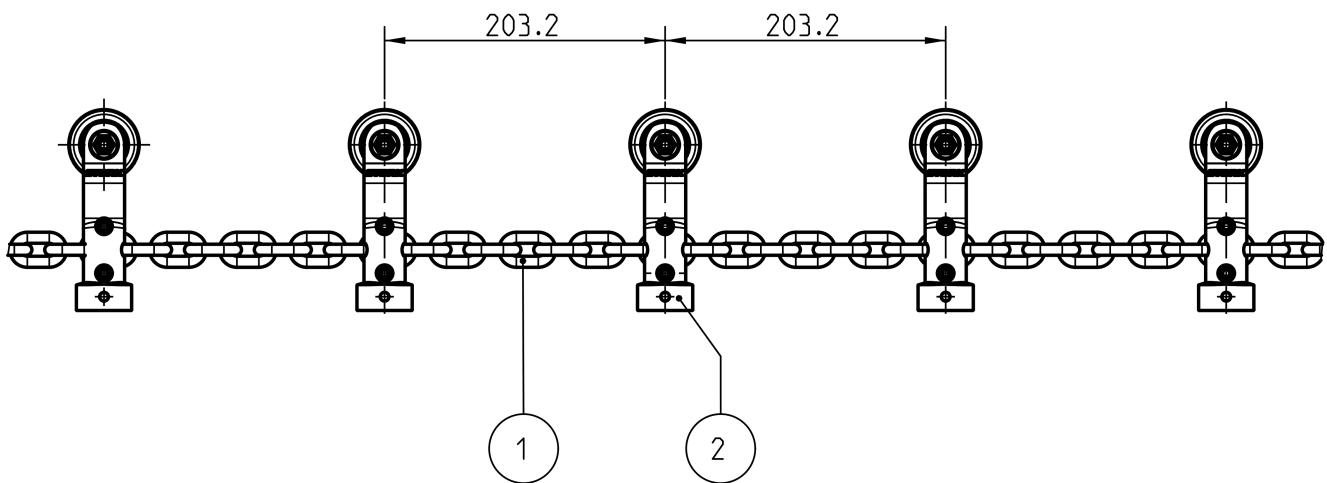
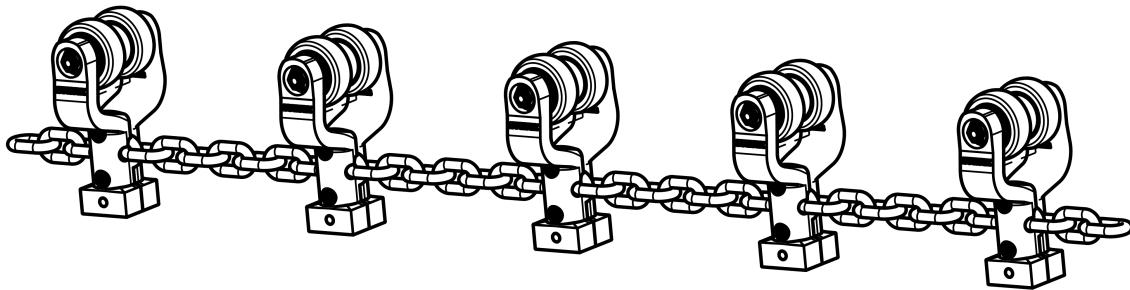


XV-4537589/-
29-10-2018

active tension control components / track force measurement instrument

Pos	Part number	Qty	Length/Unit	ABC	Description
1	677325	1			overhead turn
2	677284	1			arm
3	679422	1			support
4	677332	1			special shaft
5	666954	1			support
6	666335	1			flange bushing
7	666336	1			nut
8	666337	1			rod with threaded ends
9	666338	1			pressure ring
10	666342	1			special plug
12	3857120	1			terminal box
13	091000617	1		B	load cell
14	3912241	1			support
15	090101511	2		E	bearing flange sleeve
16	001783907	5		BE	disc spring
20	000138239	2			tap bolt
21	000138391	1			tap bolt
22	000138303	2			tap bolt
23	000251732	2			socket cap screw
24	000138184	2			tap bolt
26	000351442	2			flat washer
27	000350209	2			flat washer
28	000350210	2			flat washer
29	000185071	4			nut
34	000185067	2			nut
35	000278602	2			slotted pan screw

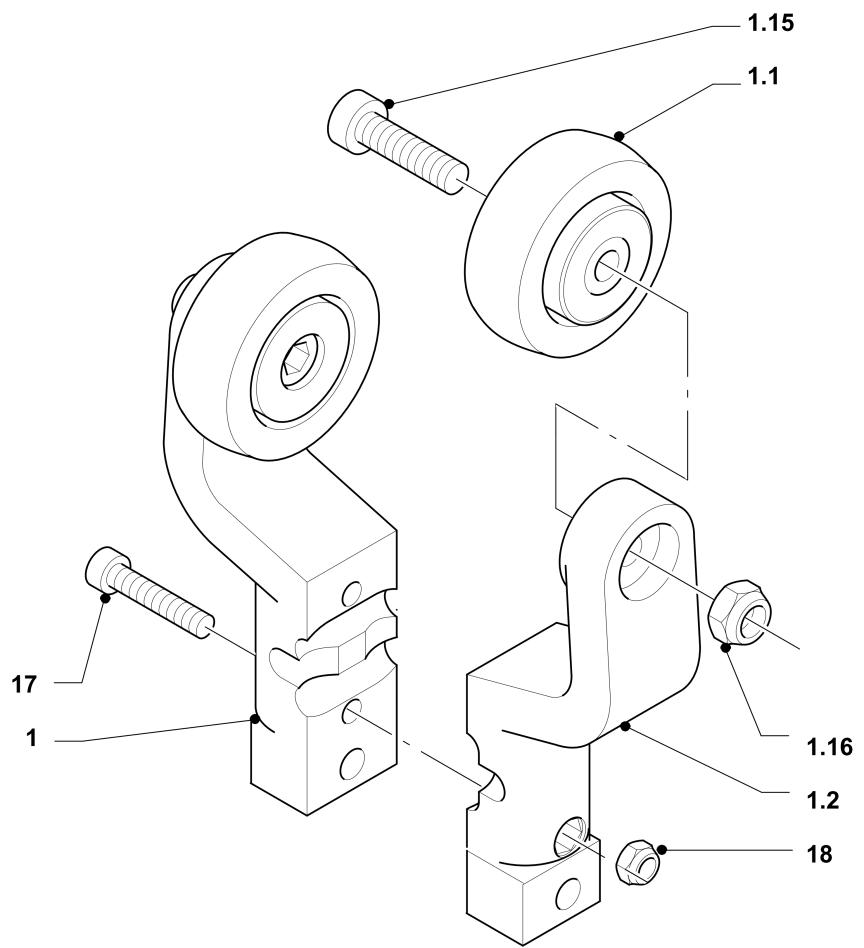
REV.	MODIFICATION DESCRIPTION	NAME	DATE (dd-mm-yy)	ACCORD
A	CONVERTED TO PRO/E.	RASHMIKANT_I	26.09.2017	LEERTOUWER
B	OBS.USE 4469672	LEERTOUWER	06.08.2019	



REF. No: 3930026	SURFACE FINISH: - -	ALL DIMENSIONS SPECIFIED IN: mm		
CHAIN W/TROLLEYS		ALIAS ID:		
OBS.USE 4469671		DRAWING AND MANUFACTURE ACCORDING TO T1 STANDARD.		
CONFIDENTIAL		SIZE: A4	SCALE: 1:5	DRAWN BY: J.LURSELMANN
marel		ACCORD: G_HUTTING		
Marel Poultry B.V. Handelstraat 3, 5831 AV Boxmeer P.O. Box 118, 5830 AC Boxmeer The Netherlands Telephone +31 (0)485-586111 Fax +31 (0)485-586222		DATE (dd.mm.yyyy): 09.01.2006		
		SHEET NO: 1 OF 1		
		Drawing is Obsolete (250) Date StatusChange 06.08.2019		

chain with trolleys

<i>Pos</i>	<i>Part number</i>	<i>Qty</i>	<i>Length/Unit</i>	<i>ABC</i>	<i>Description</i>
1	635999	1	1 MT		chain
2	L	4.92			trolley



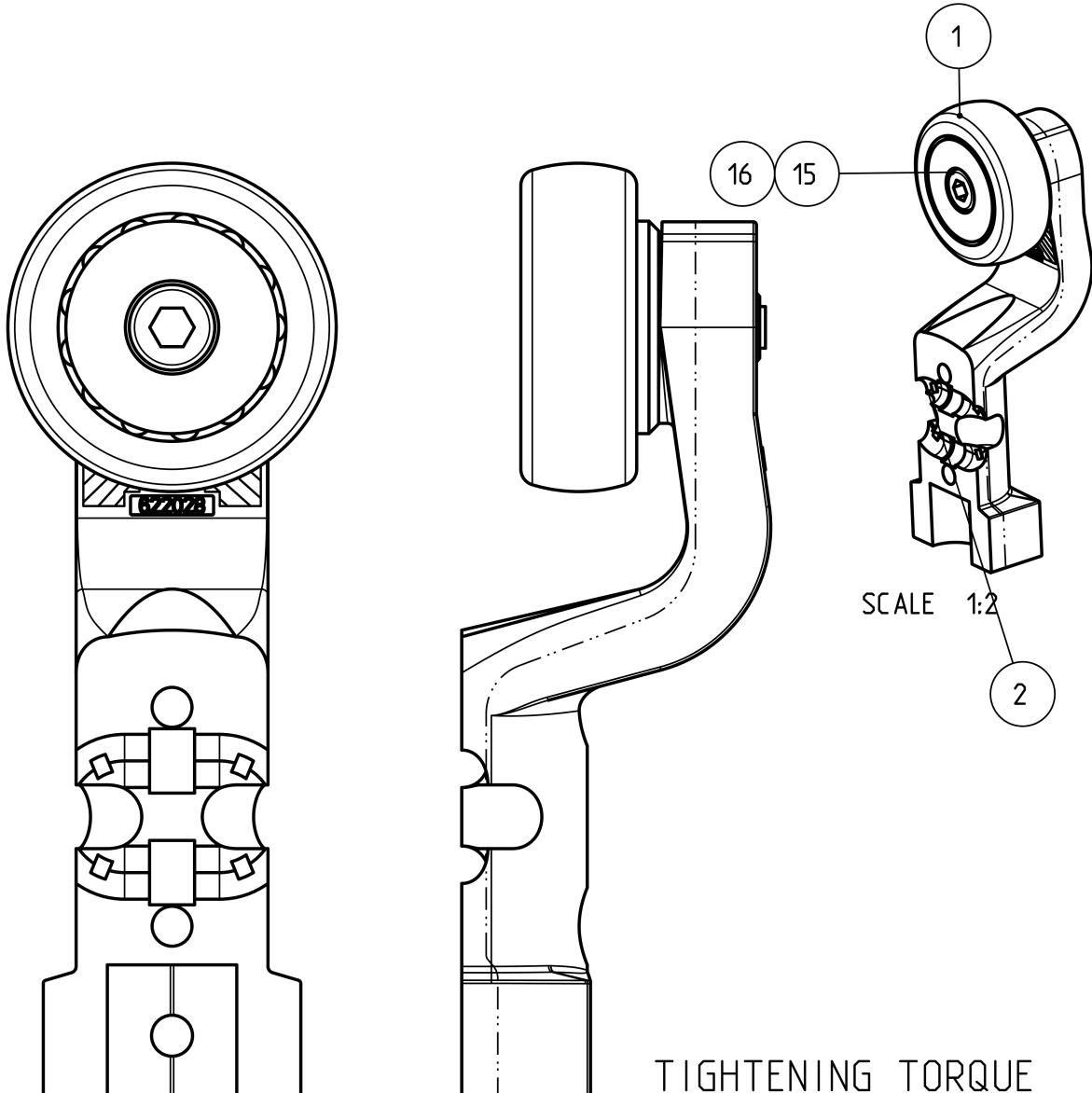
PA 6

4BV-636412/A
12-01-2003

chain with trolleys / trolley

Pos	Part number	Qty	Length/Unit	ABC	Description
1	L	655526	2	B	trolley half
17		000251706	2	B	socket cap screw
18		000163349	2	B	lock nut

REV.	MODIFICATION DESCRIPTION	NAME	DATE (dd-mm-yy)	ACCORD

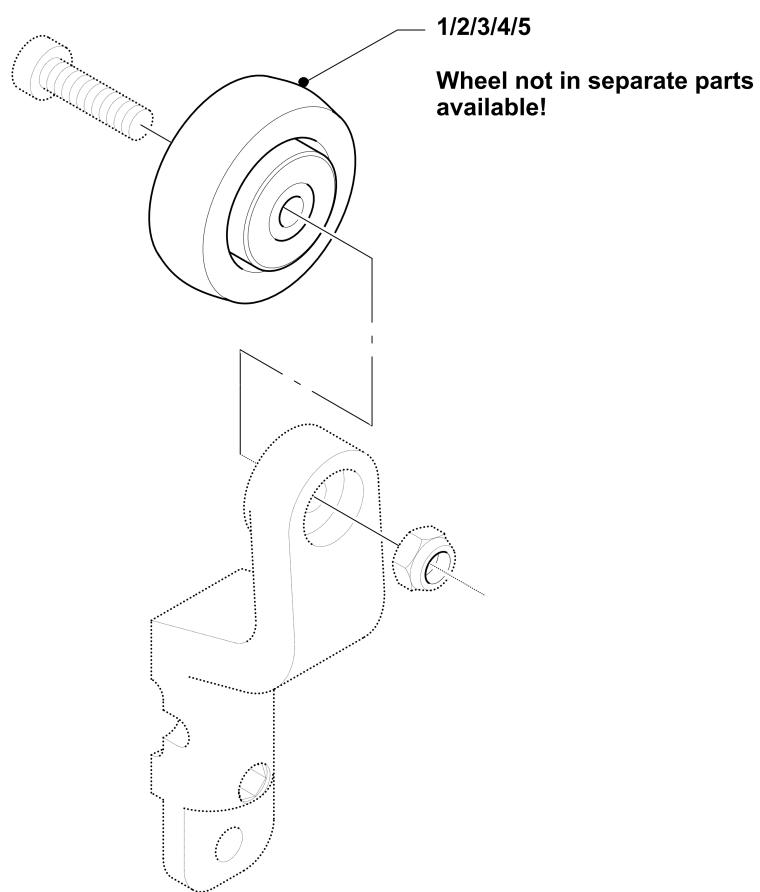


TIGHTENING TORQUE
POS 15 AND 16: 13 Nm

REF. No:	SURFACE FINISH:	ALL DIMENSIONS SPECIFIED IN: MM		
TROLLEY HALF		ALIAS ID:		
CONFIDENTIAL		DRAWING AND MANUFACTURE ACCORDING TO T1 STANDARD.		
STORK® POULTRY PROCESSING Marel Stork Poultry Processing B.V. Handelstraat 3, 5831 AV Boxmeer P.O. Box 118, 5830 AC Boxmeer The Netherlands Telephone +31 (0) 485-586111 Fax +31 (0) 485-586222	THIS DRAWING REMAINS PROPERTY OF MAREL STORK POULTRY PROCESSING B.V., TRADE REGISTER NO. 16035099, 's-HERTOGENBOSCH, AND MAY NOT BE COPIED OR REPRODUCED IN WHATEVER FORM WITHOUT PRIOR WRITTEN CONSENT OF MAREL STORK POULTRY PROCESSING B.V.. FURTHER THIS DRAWING MAY NOT BE DISCLOSED OR GIVEN TO ANY OTHER PARTY FOR INFORMATION OR USE WITHOUT PRIOR WRITTEN CONSENT OF MAREL STORK POULTRY PROCESSING B.V.. © MAREL STORK POULTRY PROCESSING B.V. 2010 ALL RIGHTS RESERVED WORLDWIDE	SIZE: A4	SCALE: 1:1	DRAWN BY: JAN_LINDERS
655526		ACCORD: DATE (dd-mm-yyyy): 12.06.2014 SHEET NO: 1 OF 1		
Drawing is Released (230) Date statuschange: 27.03.2017				

chain with trolleys / trolley / trolley half

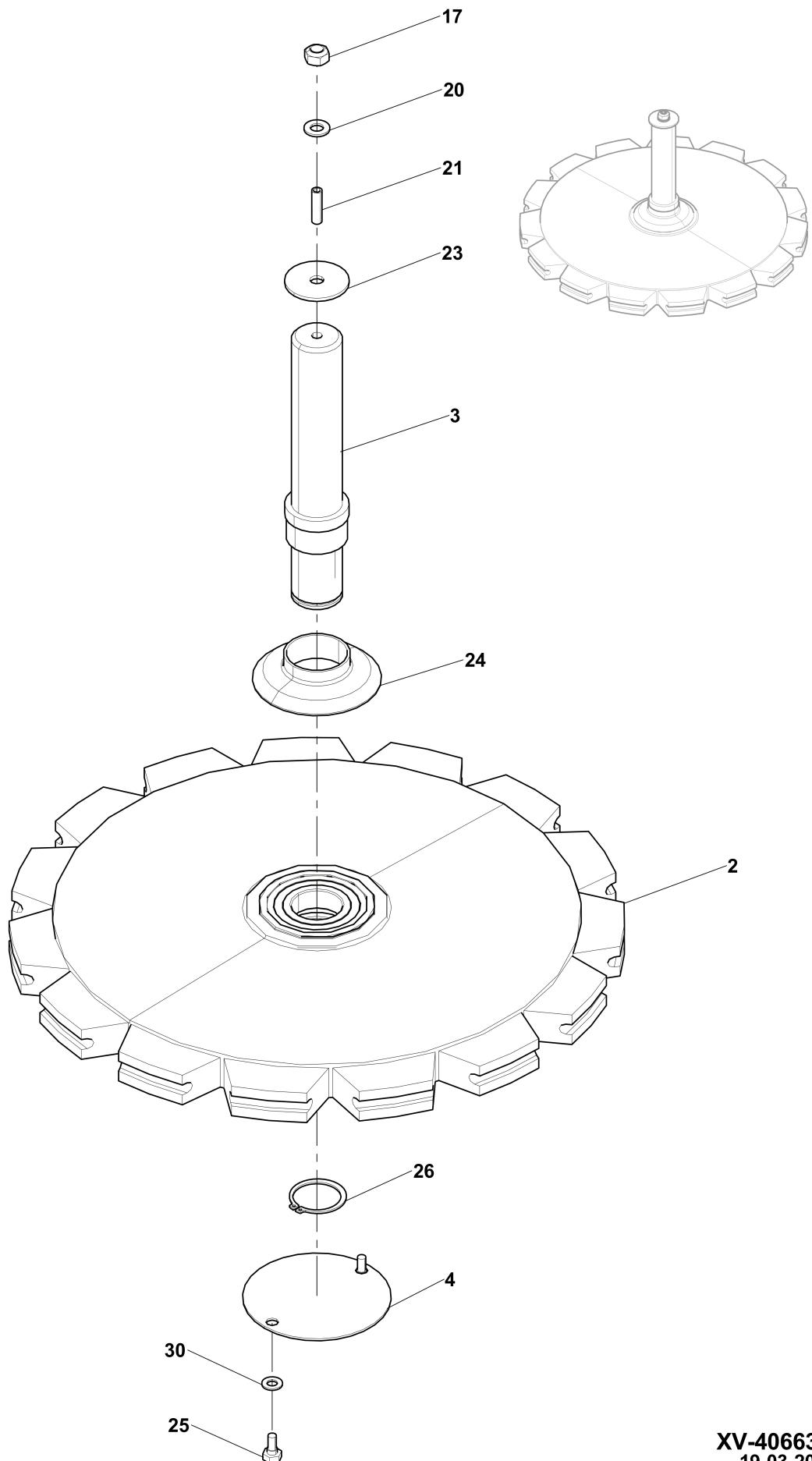
Pos	Part number	Qty	Length/Unit	ABC	Description
1	L	560633	1		wheel
2		622028	1	B	trolley half
15		000251716	1		socket cap screw
16		000163350	1		lock nut



4BV-3931501/E
18-08-2009

chain with trolleys / trolley / trolley half / wheel

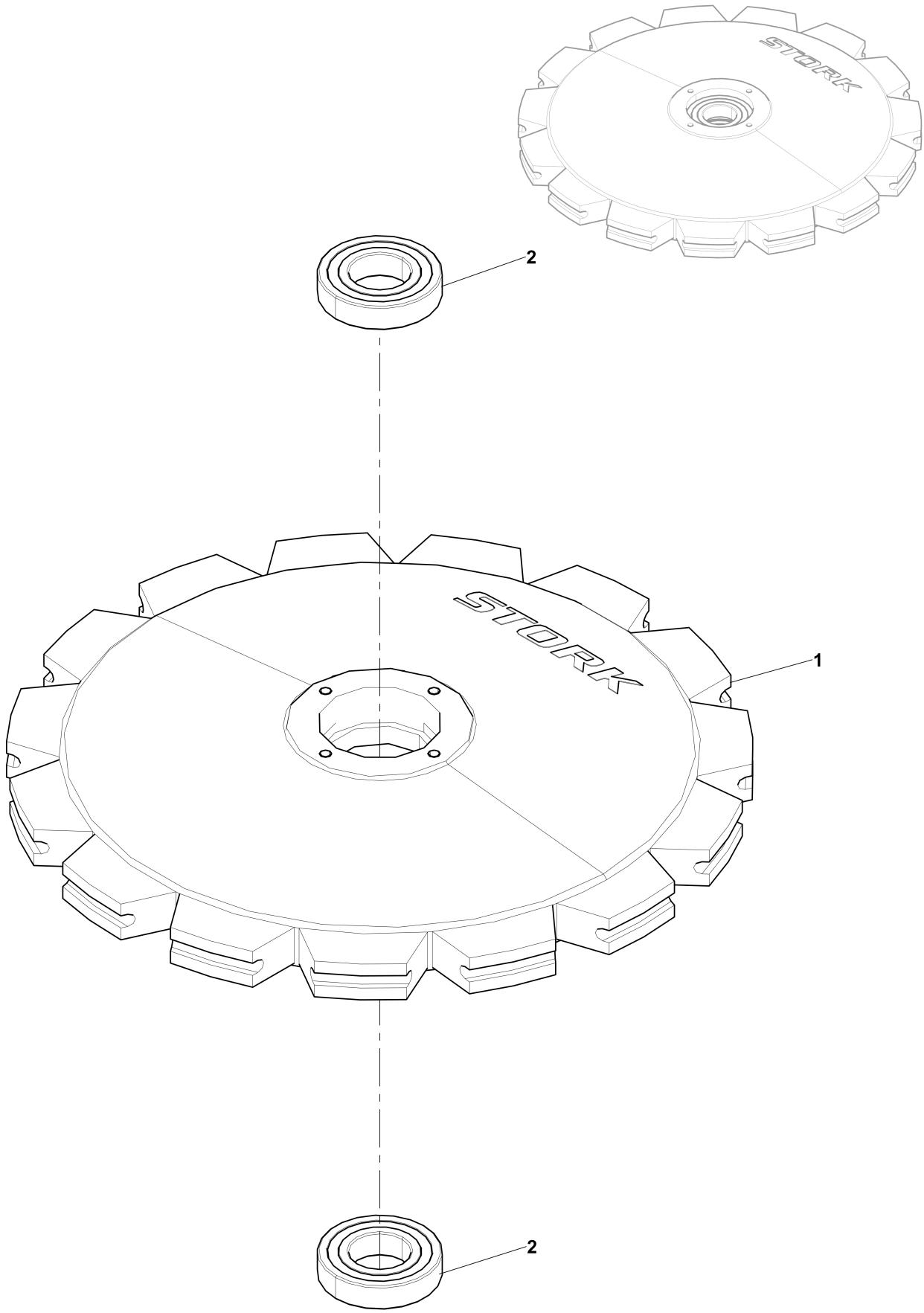
Pos	Part number	Qty	Length/Unit	ABC	Description
1	560634	1			inner ring
2	560635	1			inner ring
3	560636	1			outer ring
4	560637	1			housing
5	001050155	26			ball



XV-4066330/B
19-03-2016

guide wheel

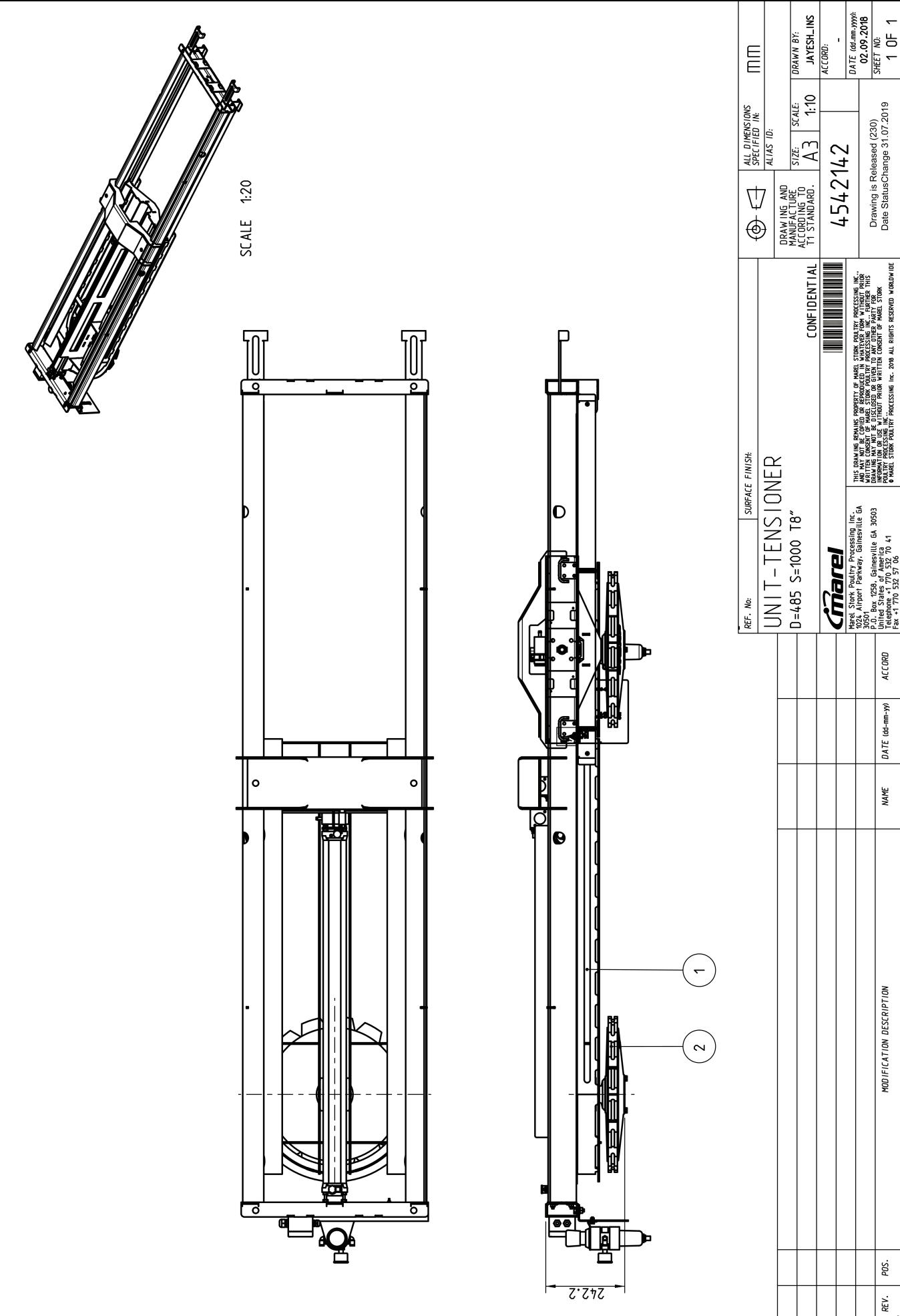
Pos	Part number	Qty	Length/Unit	ABC	Description
2	L 4064962	1			guide wheel
3	672340	1			journal
4	627398	1			special disc
17	000163351	1			lock nut
20	000350209	1			flat washer
21	000300792	1			cup point set screw
23	670305	1			ring
24	3885338	1		D	sealing ring
25	000138185	2			tap bolt
26	080370040	1		D	external snap ring
30	000350208	2			flat washer



XV-4065297/
19-03-2016

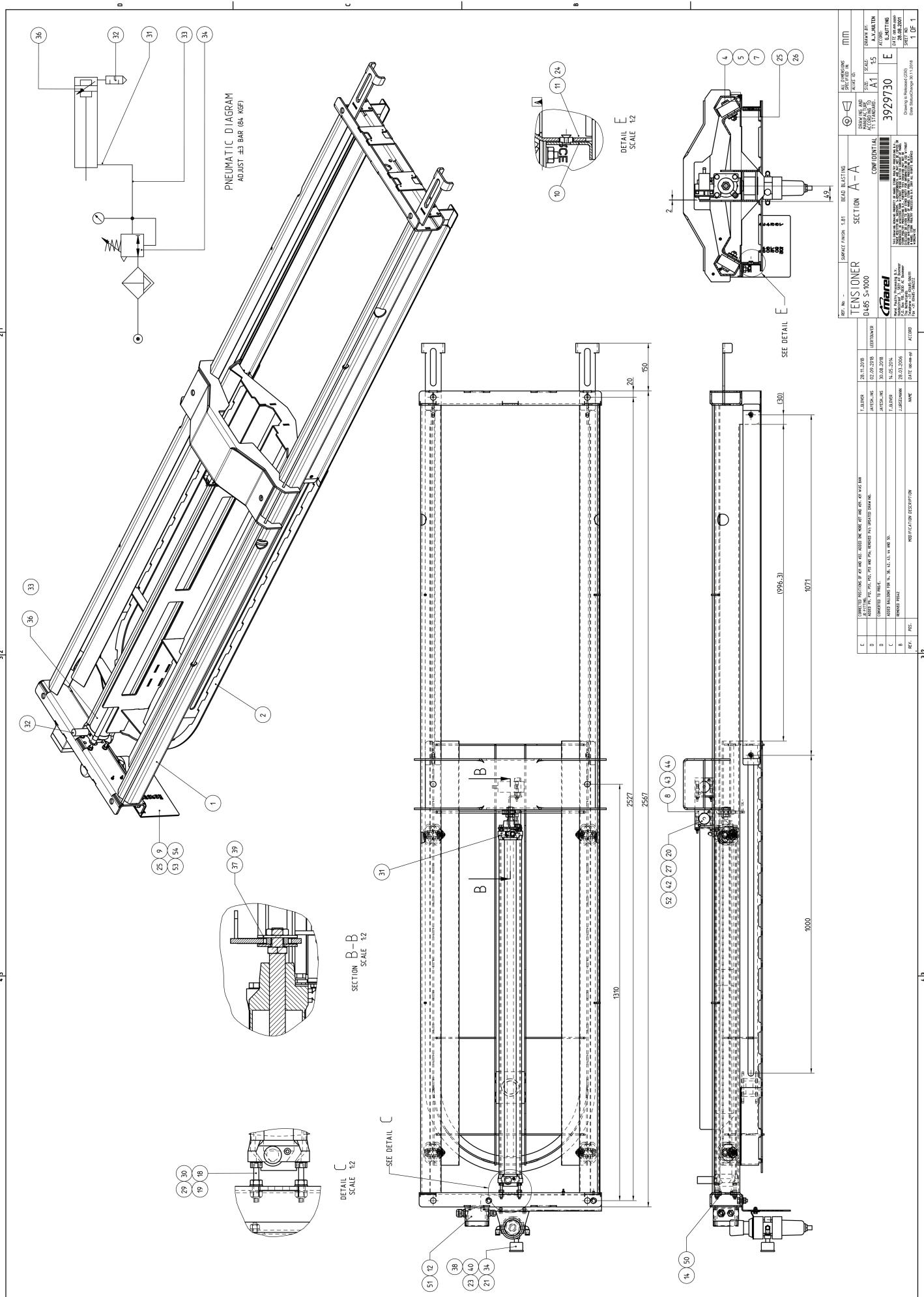
guide wheel / guide wheel

<i>Pos</i>	<i>Part number</i>	<i>Qty</i>	<i>Length/Unit</i>	<i>ABC</i>	<i>Description</i>
1	4050541	1		E	guide wheel
2	400001901	2		D	ball groove bearing



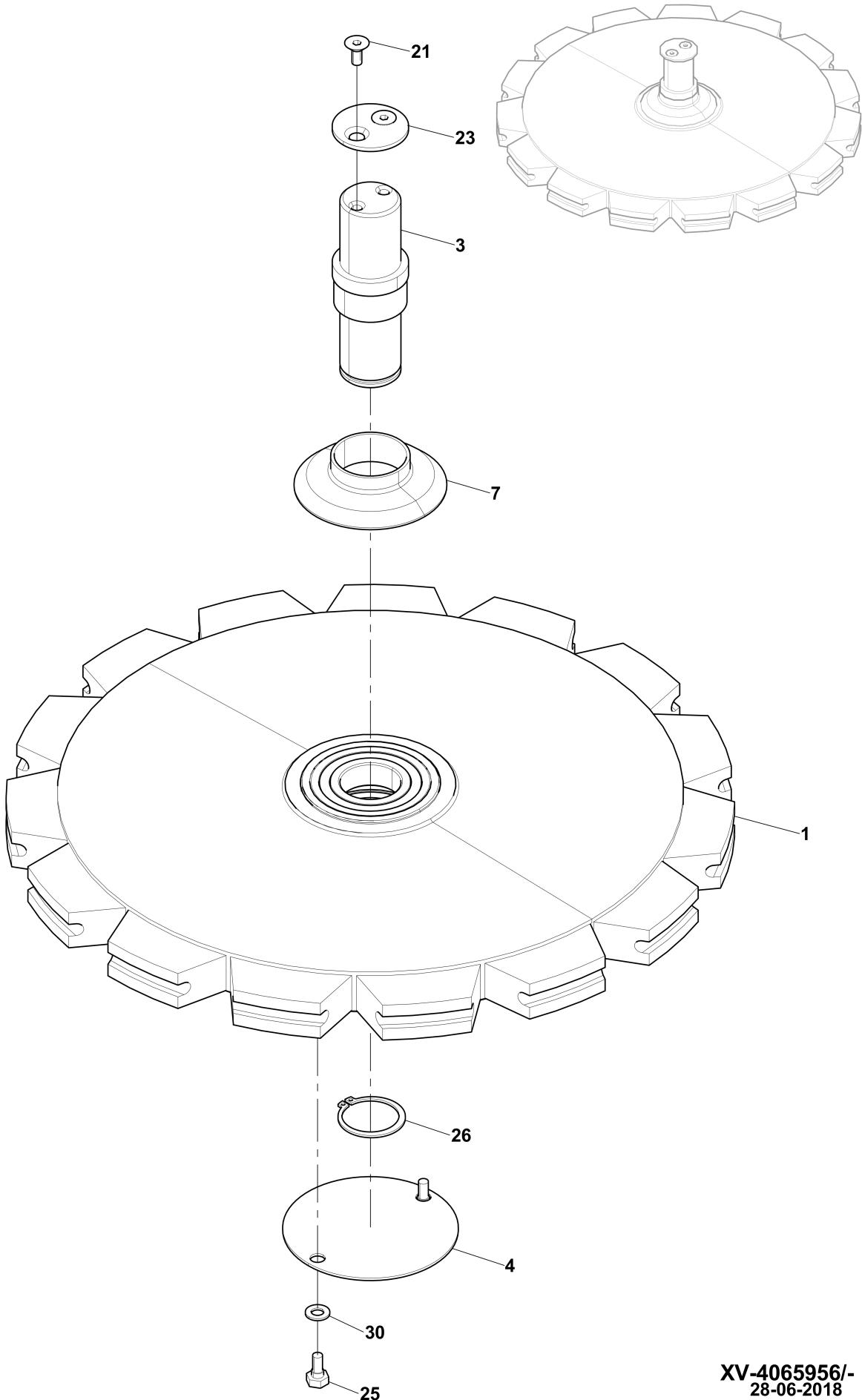
tensioner unit

<i>Pos</i>	<i>Part number</i>	<i>Qty</i>	<i>Length/Unit</i>	<i>ABC</i>	<i>Description</i>
1	L	3929652	1		tensioner
2	L	4065886	1		guide wheel



tensioner unit / tensioner

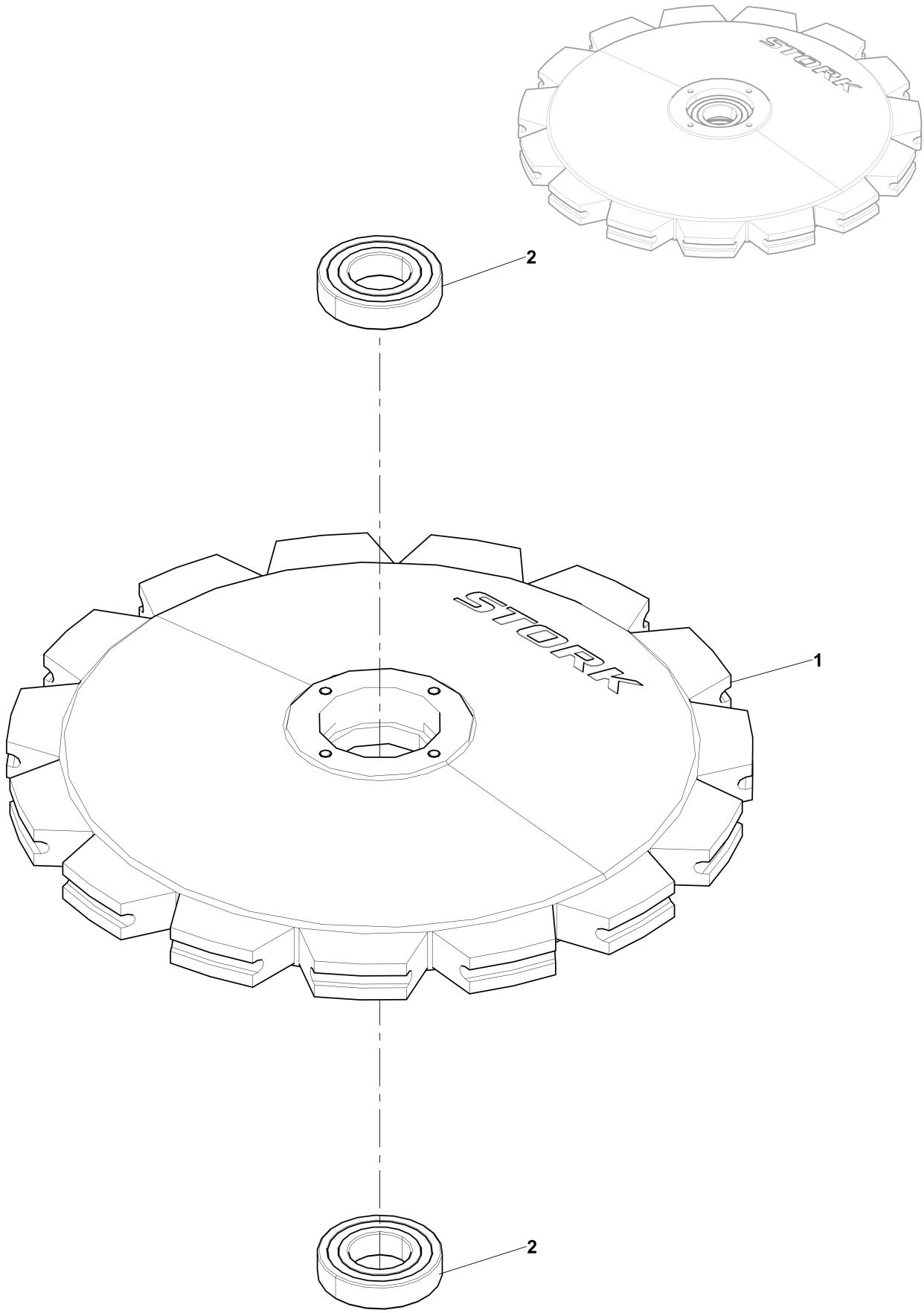
Pos	Part number	Qty	Length/Unit	ABC	Description
1	3929526	1			frame
2	3929521	1			frame
4	672696	4			special bolt
5	672697	4			special nut
7	090900066	4		E	running wheel
8	4514969	1			support
9	3981673	1			support
10	3929734	2			guide
11	3929738	2			guide
12	3740236	1			electrical parts
14	000163347	4			nut
18	9500375	4			cup point set screw
19	000350208	8			flat washer
20	095915104	2		B	proximity sensor
21	000163349	6		E	lock nut
23	000350207	10			flat washer
24	000254342	4		E	socket cap flat head screw
25	000185071	6			nut
26	000351443	4			flat washer
27	000163348	4			lock nut
29	000185070	8			nut
30	000163350	4			lock nut
31	002330878	1		B	male elbow connector
32	090255316	1		BE	silencer
33	004171008	1	2000 MM	E	pneumatic hose
34	090255639	1		E	filter/pressure regulator
36	090255864	1		BE	air cylinder
37	000351445	2			flat washer
38	002330877	2		BE	male elbow connector
39	090600109	3			nut
40	000138135	2			tap bolt
42	000351440	4			flat washer
43	000138187	3			tap bolt
44	000353109	3			split lock washer
50	400003224	4			pan head screw
51	000278600	2			slotted pan screw
52	000138119	4			tap bolt
53	000138239	2			tap bolt
54	000350209	4			flat washer



XV-4065956/
28-06-2018

tensioner unit / guide wheel

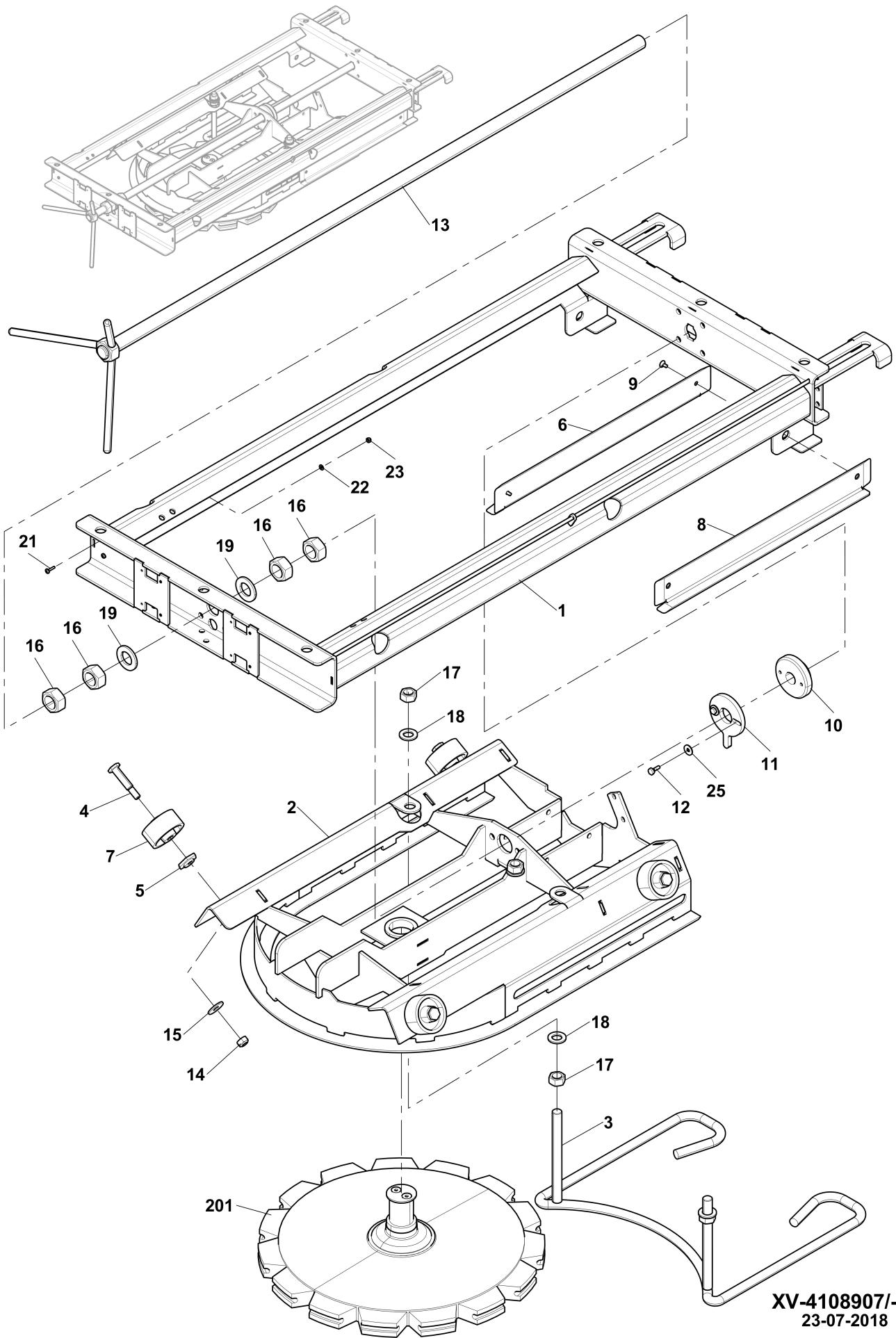
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3	673345	1			journal
4	627398	1			special disc
7	3885338	1		D	sealing ring
21	000254359	2		D	socket cap flat head screw
23	673545	1			ring
25	000138185	2			tap bolt
26	080370040	1		D	external snap ring
30	000350208	15			flat washer



XV-4065297/
19-03-2016

tensioner unit / guide wheel / guide wheel

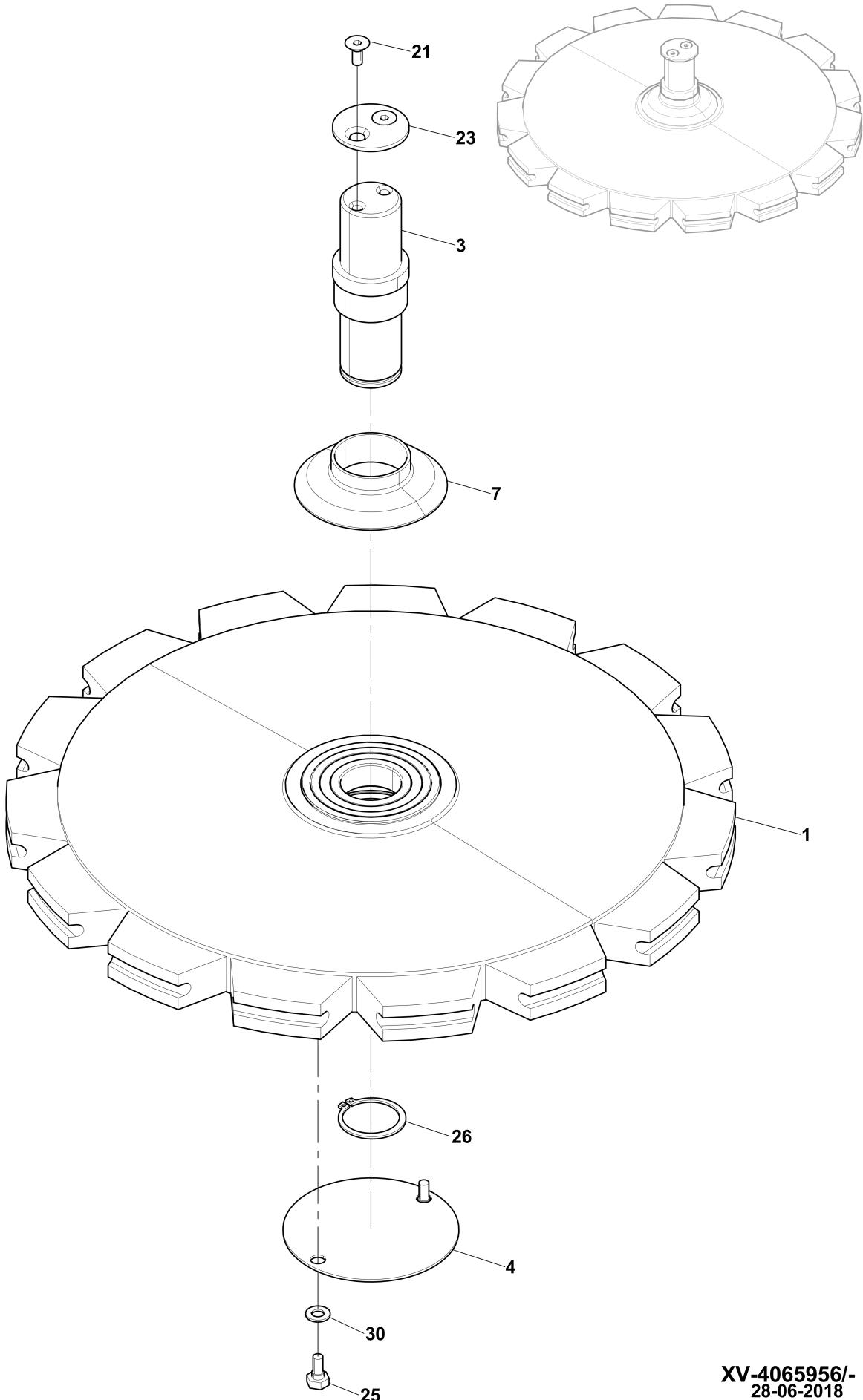
Pos	Part number	Qty	Length/Unit	ABC	Description
1	4050541	1		E	guide wheel
2	400001901	2		D	ball groove bearing



XV-4108907/-
23-07-2018

tensioner

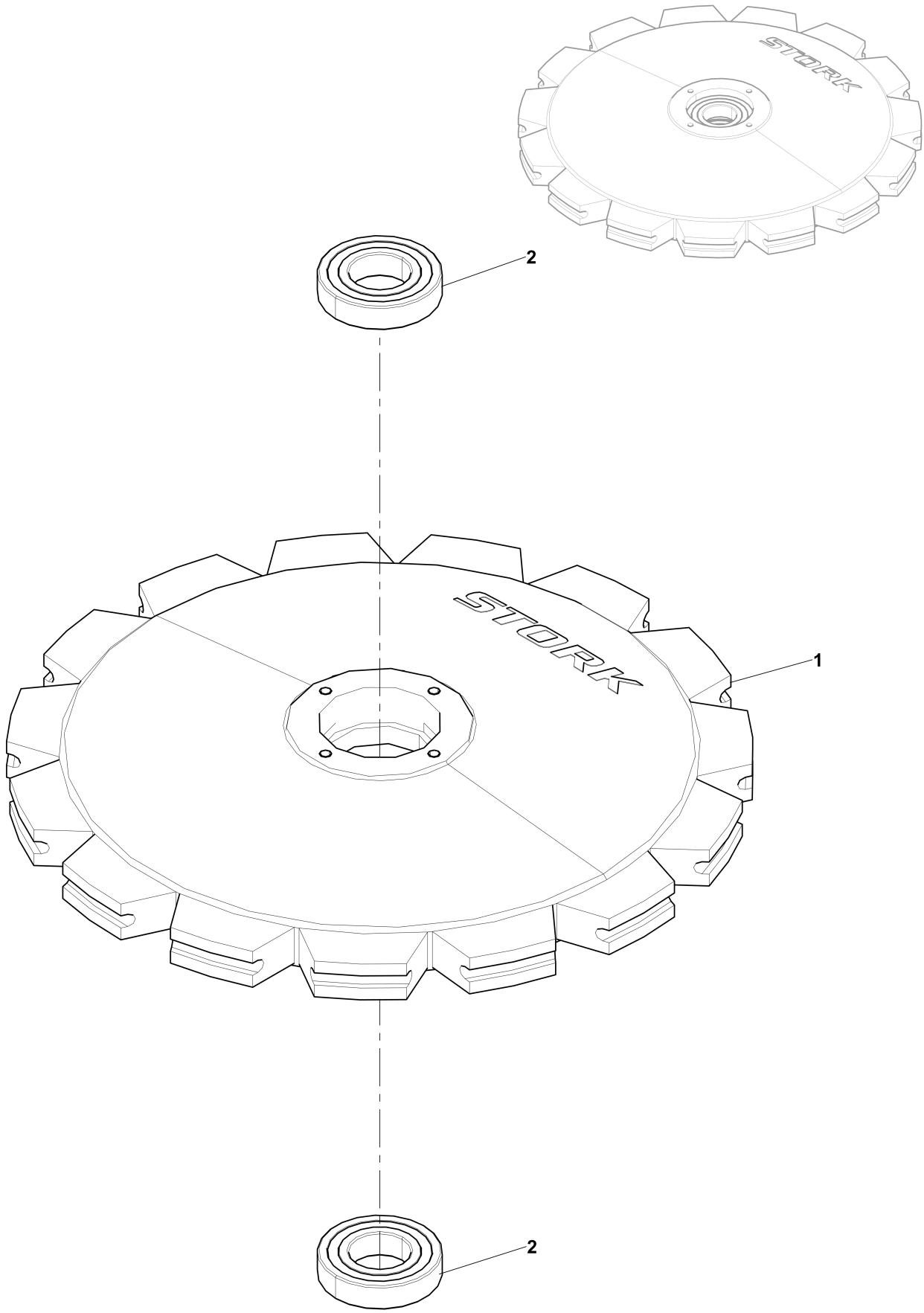
Pos	Part number	Qty	Length/Unit	ABC	Description
1	3935625	1			frame
2	3935624	1			frame
3	671209	1			bracket
4	672696	4			special bolt
5	672697	4			special nut
6	3938332	2			guide
7	090900066	4		E	running wheel
8	3938333	2			guide
9	000254342	4		E	socket cap flat head screw
10	672042	1			nut
11	672046	1			support
12	000138135	2			tap bolt
13	3939767	1			handle wheel
14	000163351	4			lock nut
15	000351443	4			flat washer
16	000185078	4			nut
17	000185074	4			nut
18	000350212	8			flat washer
19	000350516	2			flat washer
21	400003224	4			pan head screw
22	000350205	4			flat washer
23	000163347	4			nut
25	000351441	2			flat washer
201	L 4065886	1			guide wheel



XV-4065956/
28-06-2018

tensioner / guide wheel

Pos	Part number	Qty	Length/Unit	ABC	Description
1	L 4064962	1			guide wheel
3	673345	1			journal
4	627398	1			special disc
7	3885338	1		D	sealing ring
21	000254359	2		D	socket cap flat head screw
23	673545	1			ring
25	000138185	2			tap bolt
26	080370040	1		D	external snap ring
30	000350208	15			flat washer



XV-4065297/
19-03-2016

tensioner / guide wheel / guide wheel

<i>Pos</i>	<i>Part number</i>	<i>Qty</i>	<i>Length/Unit</i>	<i>ABC</i>	<i>Description</i>
1	4050541	1		E	guide wheel
2	400001901	2		D	ball groove bearing