



SIG Simonazzi

CATALOGUE OF SPARE PARTS

SIMONAZZI EUROSTAR

BOTTLE FILLING AND CLOSING MONOBLOC

machine number : RAA415
year of manufacture : 1993
IRAA415.IN.RIC001(23/04/04)

VOL. 2

SIG Simonazzi S.p.A.

43040 PARMA – Italy
Via La Spezia, 241/A





SIG Simonazzi S.p.A.
BOTTLING PLANTS AND EQUIPMENTS
Via La Spezia, 241/a
PARMA
ITALY

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ORDERING SPARE PARTS

For a quicker and precise identification of spare parts, the following details must **always** be provided:

- type of machine and registration number
- drawing number and position of spare parts
- designation
- code number from spare parts list
- quantity required

Example:

EUROSTAR–RAA238

Drawing no.	Item	Designation	Code	Quantity	
170629	13	Liquid seal valve	GEA583	80	N.
170629	27	Bell lower element	102153/012	01	N.
170629	44	Spring	BWW562	10	N.
164396	19	Pneumatic cylinder	PAD420	01	N.

N.B. All details concerning transportation must also be indicated

Codes can be:

- numerical, for spare parts produced by SIG Simonazzi S.p.A..
- alphanumerical, for spare parts coming from other manufacturers.

In the latter case, the first letter indicates the type of goods:

B	SPRINGS
C	ROLLING PARTS (bearings,supports, etc.)
D	TAPS AND FITTINGS
E	ELECTRICAL MATERIAL
G	RUBBER-PLASTIC
H	SCREW AND BOLTS
L	LUBRIFICATION-OLEODYNAMIC COMPONENTS
M	MOTOR (electric, pneumatic, oleodynamic)
P	PNEUMATIC
Q	PUMPS-FANS-EXHAUSTERS
R	REDUCTION GEAR-GEARMOTORS-VARIATORS
S	INSTRUMENTS AND ADJUSTMENT
T	DRIVING GEAR
U	HEATING (steam, heated water)
V	MISCELLANEOUS
Z	SIZED RAW MATERIALS



SAE025 * 326 C * STARBLEND

(1) (2) (3)

(7)

HOW TO READ THE PART LIST

PART LIST**XS99AC990A** (4)**DESIGNATION****PIPING** (5)**DRAWING 256772** (6)

(8)

(9)

(10)

(11)

(12)(13)(14)

ITEM	CODE	DESIGNATION	Q.TY	S	R	K
1	BAD003	VALVE	1 N.			
2	DQB780	CHECK VALVE	2 N.		C	K
KIT	DQY180	SPARE PARTS KIT	N.			
4	BAC004	VALVE	1 N.			
5	BAC005	CONNECTOR	4 N.			
5	BAD007	PROBE	4 N.			
6	BAD006	FLOATING BALL	2 N.			
7	DQB780	CHECK VALVE	1 N.		C	K
KIT	DQY180	SPARE PARTS KIT	N.			

LEGEND

1. MACHINE NUMBER
2. CUSTOMER CODE
3. MACHINE TYPE
4. CODE OF ASSEMBLY OR SUB-ASSEMBLY SPECIFICATION
5. NAME OF ASSEMBLY OR SUB-ASSEMBLY (REFERRED TO BOTH DRAWING AND SPECIFICATION)
6. NUMBER OF ASSEMBLY OR SUB-ASSEMBLY DRAWING
7. POSITION OF SPARE PARTS INDEX
8. POSITION OF SPARE PARTS IN DRAWING AND SPECIFICATION
9. SPARE PART CODE
10. SPARE PART NAME
11. NUMBER OF SPARE PART IN ASSEMBLY OR SUB-ASSEMBLY
12. "S" = SAFETY SPARE PART: WHEN MALFUNCTIONING, MACHINE SAFETY IS IMPAIRED
13. "R" = INDICATES A SPARE PART AND ITS TYPE: "A" = MINIMUM STOCK ON HAND, "B" = 2,000 HOURS OF OPERATION (INCLUDES "A"), "C" = 4,000 HOURS OPERATION (INCLUDES "A" AND "B")
14. "K" = INDICATES PART WITH SPARES, THE CORRESPONDING CODE IS INDICATED IN THE FOLLOWING POSITION (KIT)

TWA527 * 326 C * CONVEYORS**READING THE CONVEYORS INDEX**

The use of the index is clarified for making it easier and faster to read the spare parts volume given below:

LIST	DESCRIPTION	POS.
XT527TWAZ000	LAY-OUT	0001-1

The following position is used to identify the code containing all the mechanical lists.

LIST	DESCRIPTION	POS.
XT08DG169F	ALIGNMENT	1001-1 to 1***-1

The following positions are used to identify the codes of the individual mechanical lists that refer to the lay-outs included with the spare parts volume.

LIST	DESCRIPTION	POS.
XT08DN069F	MAIN FRAME	9001-1 to 9***-1

The following positions are used to identify the codes of the machine container handling equipment.

LIST	DESCRIPTION	POS.
X527TWAY999	SPARE PARTS	990-1 to 9990-*

The following positions are used to identify the spare parts lay-out reference codes.

TWA527 * 326 C * CONVEYORS

ORDERING SPARE PARTS FOR CONVEYORS

To make identification of the spare parts safer, **ALWAYS** provide the following indications:

- the type of machine and its serial number
- The overall lay-out of spare parts containing the material list required
- the ballooning of the list required in the spare parts lay-out
- the position number and mechanical list of the part required
- the overall drawing number and position on the spare part on it
- description
- code mentioned on the list
- quantity required

EXAMPLE:

- **CONVEYOR** – **TWA527** type of machine and serial number
- **427498** the Lay-out positioned in the spare parts volume index **9990-2**
- **15** the ballooning of the lay-out **427498** in the spare parts volume index **9990-3**
- the ballooning **15** in the spare parts volume is identified by the code **1015**
- **1015** position in spare parts volume index **1000-1**
- **XT85DN001B** list code in spare parts volume index **1000-1**
- **ALIGNMENT** the description of the list in the spare parts volume **1000-1**
- search for **ALIGNMENT** on page **1015-1** of the spare parts volume
- **283833** the assembly code mentioned in the spare parts volume **1015-1**
- identification of part required in the assembly **283833**
- **12** position of the list **XT85DN001B** which has as reference the assembly **283833** in the spare parts volume on page **1015-3**
- **RULLO** description of code required mentioned in spare parts volume **1015-1**
- **TRN752** code required mentioned in spare parts volume **1015-1**
- **100** quantity of code required

CONVEYOR – TWA527

427498 – POS.15

LIST XT85DN001B

DRAWING	POS.	DESCRIPTION	CODE	QTY.
283833	12	ROLLER	TRN752	100
283833	13	RING	GZC022	50

<i>PART LIST</i>	<i>DESIGNATION</i>	<i>POS.</i>
XR01AA579L	DRIVE BASE	0101-1
XR01AA070A	FOOT	0101-3
XR29AA013B	SAFETY ENCLOSURE	0101-5
XR01AA581M	PROTECTIONS	0106-1
XR01AA577C	VERTICAL ROD	0106-3
XR01AA577D	VERTICAL ROD	0106-5
XR01AA099A	CASING LIMITSWITCH	0106-7
XR06AY001A	TRUNKING	0106-9
XR01UP009Y	PROTECTIONS	0107-1
XR02BC501B	SPEED REDUCERS	0201-1
XR02AA131A	CARDANIC SHAFT	0202-1
XR02AA111A	SIDE REDUCER MOTORIZATION	0203-1
XR02UP039C	SENSORS	0204-1
XR02AA678R	MACHINE MOTORIZATION	0210-1
XR02AA120B	DRIVE TRANSMISSION	0210-4
XR02AA122A	DISK BRAKE	0211-1
XR04UP009Q	WORMSCREW CONTROL	0401-1
XR04UP009S	WORMSCREW CONTROL	0401-3
XR04AA057A	WORMSCREW COUNTERGUIDE	0402-1
XR04UP009Q	WORMSCREW CONTROL	0403-1
XR04UP009S	WORMSCREW CONTROL	0403-3
XR04UP009R	PULLEY	0404-1
XR04AA051C	BOTTLE STOP STARWHEEL	0406-1
XR05AA092B	STARWHEEL CONTROL	0502-1
XR05AA091A	STARWHEEL CONTROL PREM.	0502-3
XR05AA092C	PD.875 STARWHEEL CONTROL	0503-1
XR05AA091B	STARWHEEL CONTROL PREM.	0503-3
XR05AA092A	PD.525 STARWHEEL CONTROL	0504-1
XR05AA091A	STARWHEEL CONTROL PREM.	0504-3
XR05AA095A	IDLE GEAR	0505-1
XR06AA068A	CAPPER FRAME	0602-1
XR12AA054A	CONTROL CABINET	1202-1
XR12AA578D	PANEL PNEUMATIC UNIT	1203-1
XR12BC505G	PANEL	1204-1

<i>PART LIST</i>	<i>DESIGNATION</i>	<i>POS.</i>
XR12AA569T	SYNOPTIC	1207-1
XR12AA062A	PUSHBUTTON PANEL	1209-1
XR12AA534B	ROLLER	1209-3
XR13UP009T	RIDE TRACK	1301-1
XR13AA121D	OUTLET CONVEYOR	1302-1
XR13AA567S	RIDE TRACK	1302-3
XR15AA659P	CASING COLUMNS	1502-1
XR15AA657N	CASING	1503-1
XR29AA009B	SAFETY ENCLOSURE	1503-4
XR16AA036A	BOTTLE LIFT	1601-1
XR16AA519H	BOTTLE LIFT	1603-1
XR17AA024C	FILLER CONTROL	1701-1
XR18AA007B	RING BOWL LIFTING	1801-1
XR18AA004A	LIFTING REDUCER	1801-3
XR19AA542C	RING BOWL	1901-1
XR19AA088A	SAFETY VALVE	1901-3
XR20AA576Q	BOWL FEEDING	2001-1
XR20AA079C	PRODUCT INLET	2002-1
XR21AA124A	OPENING CONTROL	2102-1
XR21AA634B	SOLENOID VALVE MOUNTING	2102-3
XR21AA127A	MIDDLING POSITION CONTROL	2104-1
XR21AA637P	DECOMPRESSION CONTROL	2105-1
XR21AA126C	CLOSING CONTROL	2106-1
XR21AA125A	CLOSING CONTROL PRE-MOUN.	2106-3
XR24AA021A	SLIDING BLOCK COOLING	2106-5
XR21AA128C	SANITATION CONTROL	2107-1
XR21AA130A	DECOMPRESSION PREMOUNTING	2107-3
XR21AA137A	CENTERING CUP SAFETY	2108-1
XR21AA637L	DECOMPRESS.SLIDING BLOCK	2109-1
XR21AA631H	FLUSHING CONTROL	2110-1
XR21AA102B	SUPPORT	2110-2
XR21AA146A	FILL.VALVE OPENING PHOT.	2199-1
XR22BC504A	CO2 UNIT	2201-1
XR14AF021A	FILTER	2201-5

<i>PART LIST</i>	<i>DESIGNATION</i>	<i>POS.</i>
XR23AA029A	BOTTLE LIFT LUBRICATION	2303-1
XR23AA557E	PNEUMATIC UNIT	2304-1
XR23AA026A	PANEL PNEUMATIC UNIT	2305-1
XR23AA026F	BOTTLE STOP PNEUM.UNIT	2306-1
XR23AA026C	WASHING PNEUMATIC UNIT	2309-1
XR23AA539A	BRAKE-PNEUM.UNIT	2314-1
XR23AA006A	RING BOWL LIFTING	2315-1
XR23AA035A	DIAGRAM	2399-1
XR24AA015A	CENTERING CUP WASHING	2401-1
XR24AA005B	WASHING VALVE	2402-1
XR24AA010B	BOTTLE NECK WASHING	2404-1
XR26AA014C	BOTTLE LIFT LUBRICATION	2601-1
XR27AA050A	BOTTLE LIFT LUBRICATION	2601-3
XR26AA530N	CENTRALIZED LUBRICATION	2602-1
XR27AA027A	BOTTLE LIFT LUBRICATION	2702-1
XR27AA059B	CENTER.CUP SAFETY SENSOR	2708-1
XR27AA529R	OTHER	2715-1
XR27AA546G	VARIABLE PARTS	2716-1
XR29AA018A	TABLE SENSOR	2902-1
XT17DO001A	BACK-UP SENSOR SUPPORT	2903-1
XR29AA021A	CROWN HOPPER PHOTOCCELL	2905-1
X000DRAA415	HANDLING PARTS	6300-1
XR01PP036N	WORMSCREW	6301-1
XR02PP028Y	INLET WORMSC.COUNTERGUIDE	6302-1
XR05PP029Y	BOTTLE STOP STARWHEEL	6305-1
XR06PP020G	STARWHEEL	6306-1
XR09PP023C	STARWHEEL	6309-1
XR12PP023W	GUIDE	6312-1
XR13PP005T	GUIDE	6313-1
XR20PP006H	GUIDE	6320-1
XR22PP013X	STARWHEEL	6322-1
XR23PP012O	GUIDES	6323-1
XR24PP008D	GUIDES	6324-1
XR25PP006W	GUIDES	6325-1

<i>PART LIST</i>	<i>DESIGNATION</i>	<i>POS.</i>
XR26PP037Y	INTERNAL OUTLET GUIDE	6326-1
XR27PP024K	INTERNAL OUTLET GUIDE	6327-1
XR29PP019V	GUIDE	6329-1
XR38PP026A	STARWHEEL	6338-1
XR45PP003L	WORMSCREW	6345-1
X000ERAA415	HANDLING PARTS	6400-1
XR01PP036O	WORMSCREW	6401-1
XR05PP029Z	BOTTLE STOP STARWHEEL	6405-1
XR06PP020H	STARWHEEL	6406-1
XR09PP023D	STARWHEEL	6409-1
XR09PP023D	STARWHEEL	6410-1
XR12PP023Y	GUIDE	6412-1
XR12PP023X	GUIDE	6413-1
XR20PP006J	GUIDE	6420-1
XR22PP013Y	STARWHEEL	6422-1
XR23PP012Q	GUIDES	6423-1
XR24PP008E	GUIDES	6424-1
XR25PP006X	GUIDES	6425-1
XR26PP038A	INTERNAL OUTLET GUIDE	6426-1
XR27PP024L	EXTERNAL OUTLET GUIDE	6427-1
XR29PP019X	GUIDE	6429-1
XR38PP026B	STARWHEEL	6438-1
XR45PP003M	WORMSCREW	6445-1
X000FRAA415	HANDLING PARTS	6500-1
XR01PP036P	WORMSCREW	6501-1
XR05PP030A	BOTTLE STOP STARWHEEL	6505-1
XR06PP020I	STARWHEEL	6506-1
XR09PP023E	STARWHEEL	6509-1
XR09PP023E	STARWHEEL	6510-1
XR12PP023Z	GUIDE	6512-1
XR13PP005U	GUIDE	6513-1
XR20PP006K	GUIDE	6520-1
XR22PP013Z	STARWHEEL	6522-1
XR23PP012R	GUIDES	6523-1

<i>PART LIST</i>	<i>DESIGNATION</i>	<i>POS.</i>
XR24PP008F	GUIDES	6524-1
XR25PP006Y	GUIDES	6525-1
XR26PP038B	INTERNAL OUTLET GUIDE	6526-1
XR27PP024M	EXTERNAL OUTLET GUIDE	6527-1
XR29PP019Y	GUIDE	6529-1
XR38PP026C	STARWHEEL	6538-1
XR45PP003N	WORMSCREW	6545-1
X000GRAA415	HANDLING PARTS	6600-1
XR01PP036Q	WORMSCREW	6601-1
XR02PP028Z	INLET WORMSC.COUNTERGUIDE	6602-1
XR05PP030B	BOTTLE STOP STARWHEEL	6605-1
XR06PP020J	STARWHEEL	6606-1
XR09PP023F	STARWHEEL	6609-1
XR09PP023F	STARWHEEL	6610-1
XR12PP024B	GUIDE	6612-1
XR12PP024A	GUIDE	6613-1
XR20PP006L	GUIDE	6620-1
XR22PP014A	STARWHEEL	6622-1
XR23PP012S	GUIDES	6623-1
XR24PP008G	GUIDES	6624-1
XR25PP006Z	GUIDES	6625-1
XR26PP038C	INTERNAL OUTLET GUIDE	6626-1
XR27PP024N	EXTERNAL OUTLET GUIDE	6627-1
XR29PP019Z	GUIDE	6629-1
XR38PP026D	STARWHEEL	6638-1
XR45PP003O	WORMSCREW	6645-1
X000HRAA415	HANDLING PARTS	6700-1
XR20PP006O	GUIDE	6720-1
XR22PP014D	STARWHEEL	6722-1
XR23PP012V	GUIDES	6723-1
XR24PP008J	GUIDES	6724-1
XR29PP020C	GUIDE	6729-1
X000LRAA415	HANDLING PARTS	6800-1
XR01PP036R	WORMSCREW	6801-1

<i>PART LIST</i>	<i>DESIGNATION</i>	<i>POS.</i>
XR02PP029A	INLET WORMSC.COUNTERGUIDE	6802-1
XR05PP030C	BOTTLE STOP STARWHEEL	6805-1
XR06PP020K	STARWHEEL	6806-1
XR09PP023G	STARWHEEL	6809-1
XR09PP023G	STARWHEEL	6810-1
XR12PP024C	GUIDE	6812-1
XR13PP005V	GUIDE	6813-1
XR20PP006N	GUIDE	6820-1
XR22PP014C	STARWHEEL	6822-1
XR23PP012U	GUIDES	6823-1
XR24PP008I	GUIDES	6824-1
XR25PP007A	GUIDES	6825-1
XR26PP038D	INTERNAL OUTLET GUIDE	6826-1
XR27PP024O	EXTERNAL OUTLET GUIDE	6827-1
XR29PP020B	GUIDE	6829-1
XR38PP026E	STARWHEEL	6838-1
X000MRAA415	HANDLING PARTS	6900-1
XR06PP020L	STARWHEEL	6906-1
XR13PP005W	GUIDE	6913-1
XR20PP006P	GUIDE	6920-1
XR22PP014E	STARWHEEL	6922-1
XR23PP012W	GUIDES	6923-1
XR24PP008K	GUIDES	6924-1
XR25PP007B	GUIDES	6925-1
XR26PP038E	INTERNAL OUTLET GUIDE	6926-1
XR27PP024P	EXTERNAL OUTLET GUIDE	6927-1
XR29PP020D	GUIDE	6929-1
XR38PP026F	STARWHEEL	6938-1
X000NRAA415	HANDLING PARTS	7000-1
XR06PP020M	STARWHEEL	7106-1
XR09PP023H	STARWHEEL	7109-1
XR09PP023H	STARWHEEL	7110-1
XR13PP005X	GUIDE	7113-1
XR20PP006Q	GUIDE	7120-1

<i>PART LIST</i>	<i>DESIGNATION</i>	<i>POS.</i>
XR22PP014F	STARWHEEL	7122-1
XR23PP012X	GUIDES	7123-1
XR24PP008L	GUIDES	7124-1
XR25PP007C	GUIDES	7125-1
XR26PP038F	INTERNAL OUTLET GUIDE	7126-1
XR27PP024Q	EXTERNAL OUTLET GUIDE	7127-1
XR29PP020E	GUIDE	7129-1
XR38PP026G	STARWHEEL	7138-1
X000QRAA415	HANDLING PARTS	7100-1
XR01PP036S	WORMSCREW	0001-1
XR02PP029B	INLET WORMSC.COUNTERGUIDE	0002-1
XR03PP007E	WORMSCREW	0003-1
XR04PP003Y	TRANSF.WORMS.COUNTERGUIDE	0004-1
XR05PP030D	BOTTLE STOP STARWHEEL	0005-1
XR06PP020N	STARWHEEL	0006-1
XR09PP023I	STARWHEEL	0009-1
XR09PP023I	STARWHEEL	0010-1
XR12PP024D	GUIDE	0012-1
XR13PP005Y	GUIDE	0013-1
XR14PP021F	GUIDE	0014-1
XR16PP041K	STARWHEEL	0016-1
XR18PP034J	CROWNER EXTERNAL GUIDE	0018-1
XR19PP021L	CROWNER OUTLET GUIDE	0019-1
XR26PP038G	INTERNAL OUTLET GUIDE	0026-1
XR27PP024R	EXTERNAL OUTLET GUIDE	0027-1
XR59PP003D	STARWHEEL	0038-1
XR59PP003D	STARWHEEL	0059-1
X000VRAA415	FILLING VALVE	9500-1
XR01AB201D	FILLING VALVE	0001-1
XR01AB303M	INNER GROUP	0002-1
XR01AB401G	OPENINGCLOSING CONTROL	0003-1
XR01AB500A	COLUMNS GROUP	0004-1
XR01AB600A	DECOMPRESSION NOZZLE	0005-1
XR01AB600B	DECOMPRESSION NOZZLE	0005-3



<i>PART LIST</i>	<i>DESIGNATION</i>	<i>POS.</i>
XR01AB600L	DECOMPRESSION NOZZLE	0005-5
XR01AB600N	DECOMPRESSION FLOW DAMPER	0006-1
XR01AB651G	CENTERING CUP	0007-1
XR01AB700A	LIQUID FLOW CONE	0008-1
XR01AB850A	DUMMY BOTTLE	0009-1
XR01AB773E	VENT TUBE	9501-1
XR05AB759F	VENT TUBE	9502-1
XR10AB016G	DIAGRAM	9520-1
XR82AB005B	VENT TUBE EXTRACTOR	9525-1

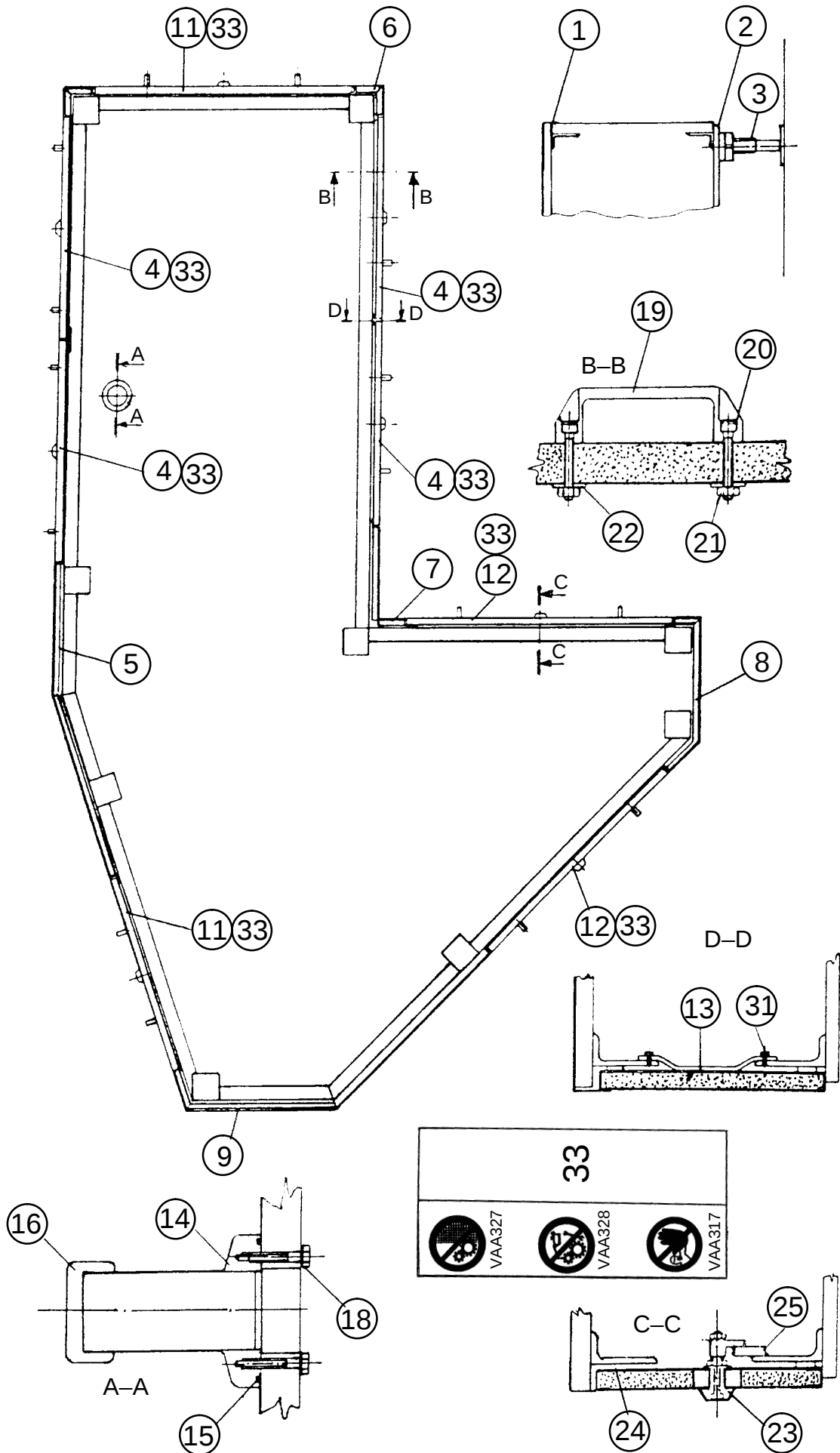
RAA415 * 463C * EUROSTAR

PART LIST
XR01AA579L

DESIGNATION
DRIVE BASE

DRAWING 178797

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	219395	DRIVE BASE	1 N.			
2	219394	DRIVE BASE	1 N.			
3	XR01AA070A	FOOT	11 N.			
4	151595/045	PANEL	4 N.			
5	178800	SUPPORT	1 N.			
6	171251	SUPPORT	2 N.			
7	178801	SUPPORT	1 N.			
8	178798	SUPPORT	1 N.			
9	220052	SUPPORT	1 N.			
11	151595/034	PANEL	2 N.			
12	151595/044	PANEL	1 N.			
12	151595/045	PANEL	1 N.			
13	163390	PROFILE	2 N.			
14	147314	PIPE	1 N.			
15	GAM387	O-RING	1 N.		C	
16	147313	PLUG	1 N.			
17	HAE032	SCREW	3 N.			
18	HHF008	WASHER	3 N.			
19	VAH191	HANDLE	16 N.			
20	HME134	SCREW	32 N.			
21	HRP208	NUT	32 N.			
22	005103/032	WASHER	32 N.			
23	XR29AA013B	SAFETY ENCLOSURE	8 N.			
24	GFB020	PROFILE	15 MT			
25	ZCC431L00040	PROFILE	8 N.			
26	HLD010	SCREW	13 N.			
27	HKW336	LIFTING HOOK	4 N.			
28	HAS248	SCREW	4 N.			
30	HND010	SCREW	24 N.			
31	HAE016	SCREW	8 N.			
32	GAF149	O-RING	4 N.		C	
32	HAH036	SCREW	4 N.			
32	153571	PLUG	4 N.			

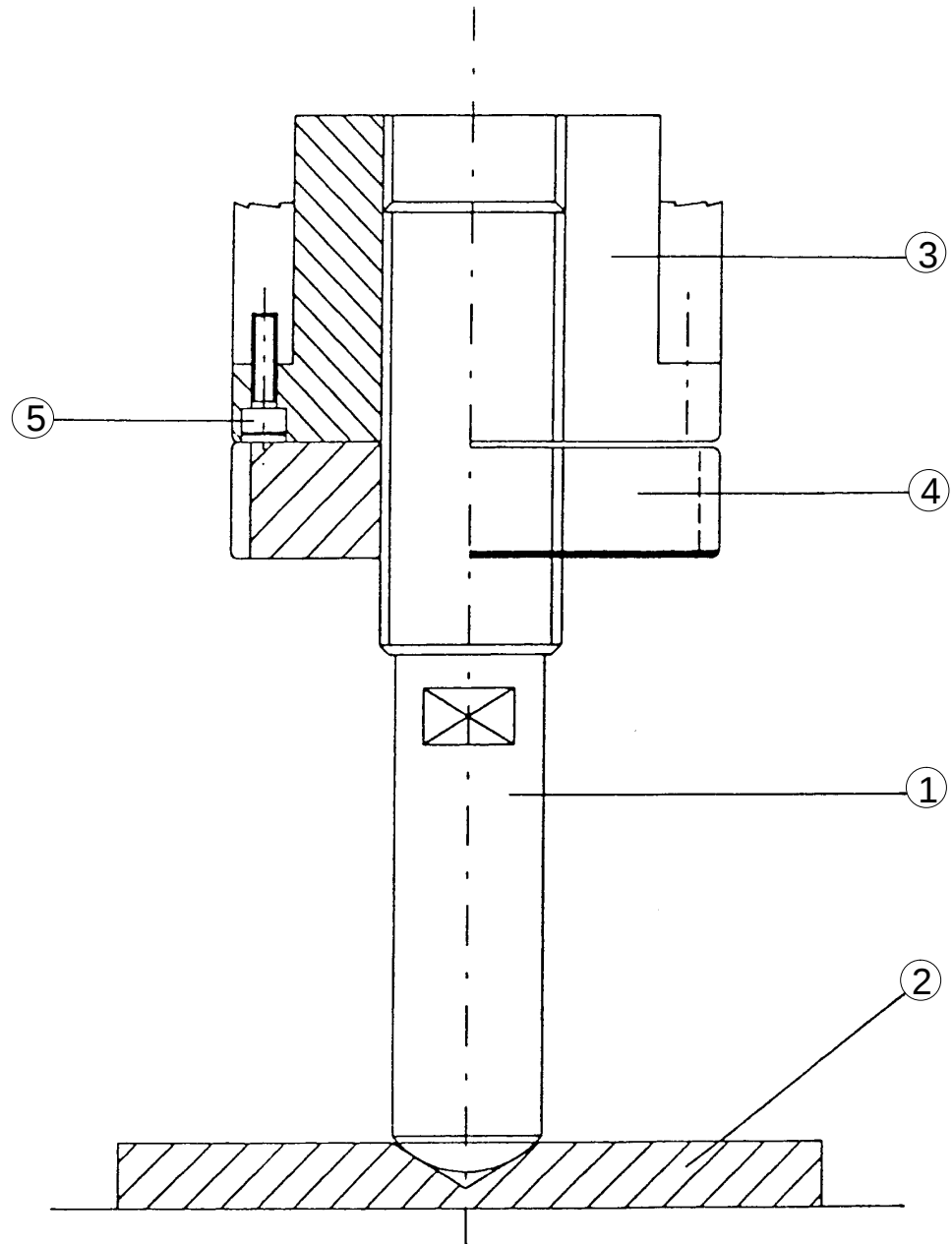




RAA415 * 463C * EUROSTAR

PART LIST
XR01AA070A**DESIGNATION**
FOOT*DRAWING 084803*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	237739	SCREW	1 N.			
2	052660	PAD	1 N.			
3	103209	LOCK RING	1 N.			
4	150470	LOCK RING	1 N.			
5	HMD120	SCREW	3 N.			

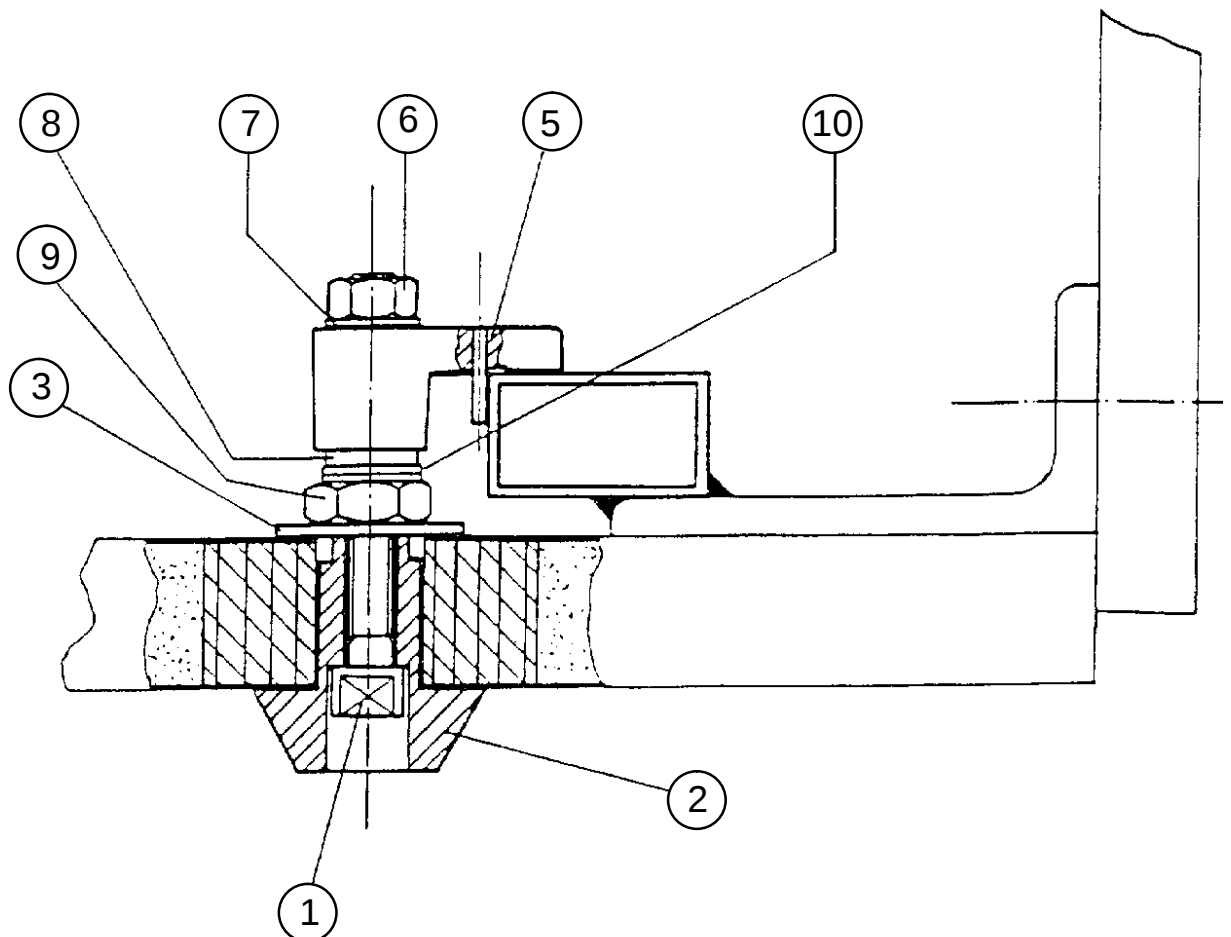
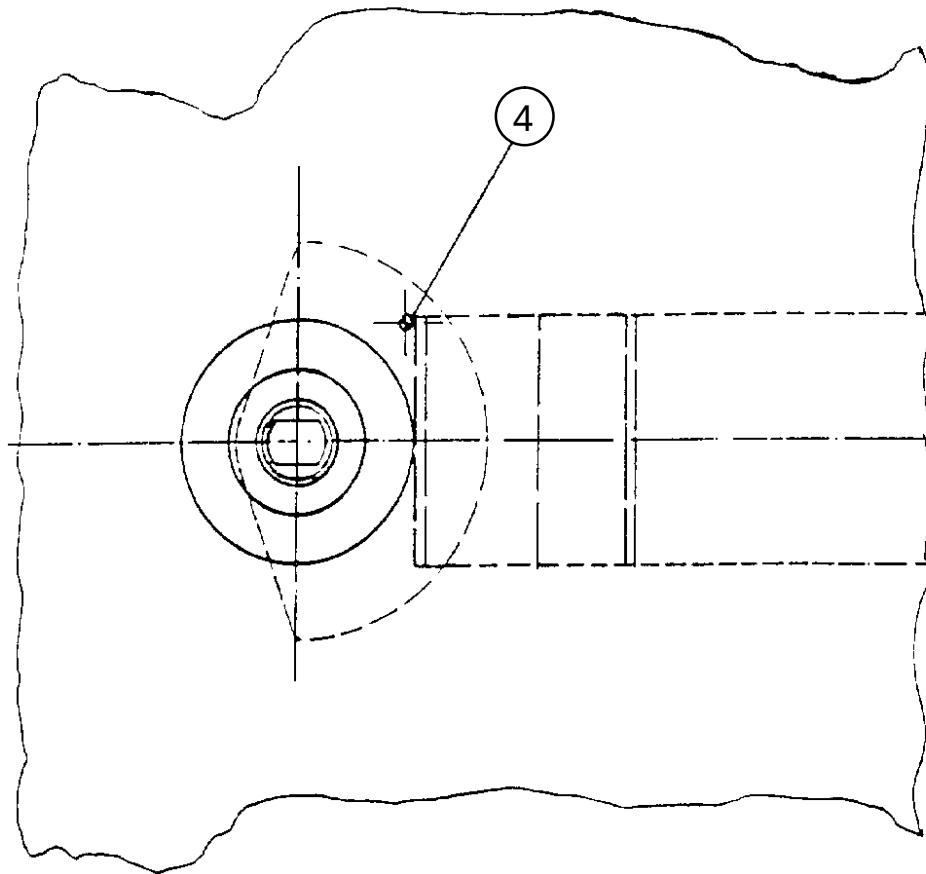




RAA415 * 463C * EUROSTAR

PART LIST
XR29AA013B**DESIGNATION**
SAFETY ENCLOSURE**DRAWING 171511**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	171484	SCREW	1 N.			
2	144786	SUPPORT	1 N.			
3	005103	WASHER	1 N.			
4	HSN006	ELASTIC PIN	1 N.			
5	077650	SECTOR	1 N.			
6	HRP010	NUT	1 N.			
7	HRU110	SPRINGWASHER	1 N.			
8	019075/009	SPACER	1 N.			
9	HRP216	NUT	1 N.			
10	005103/055	WASHER	2 N.			

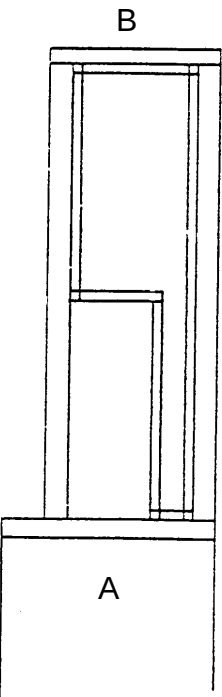
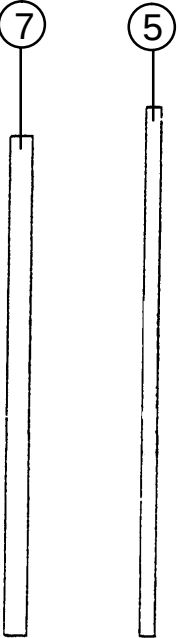
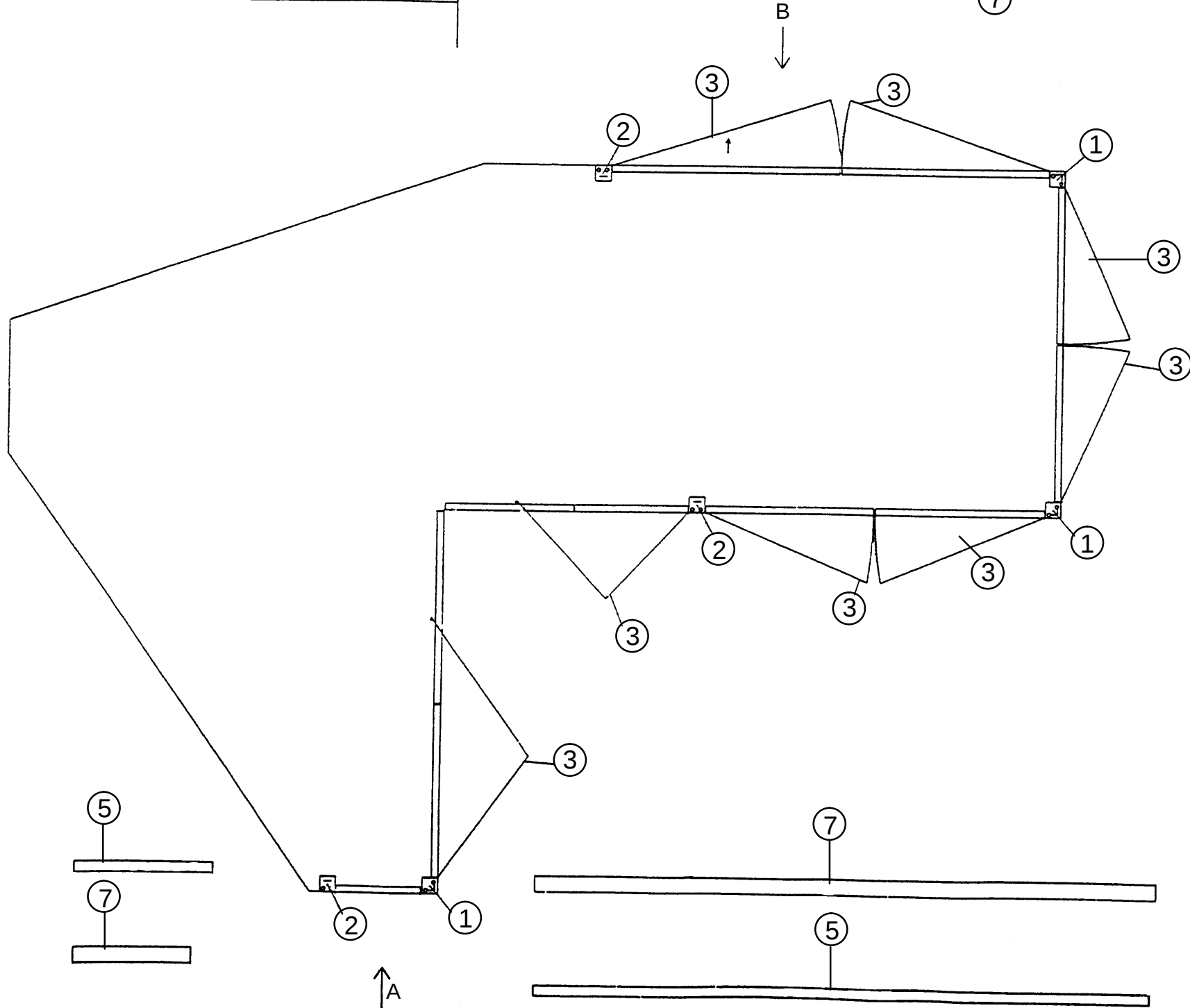
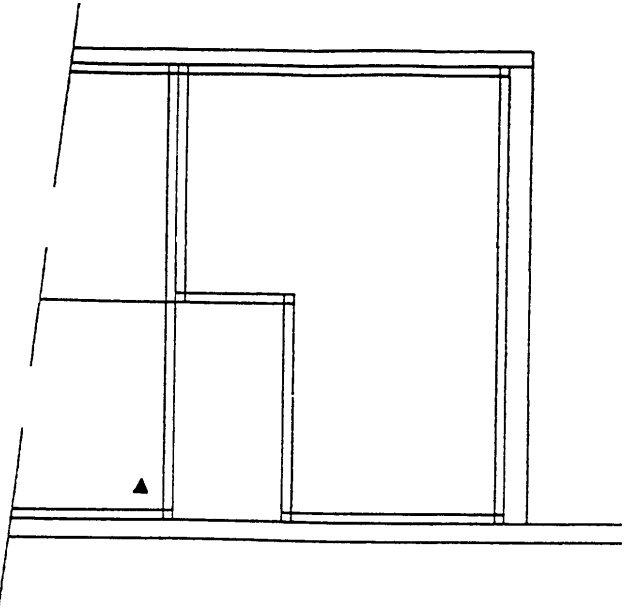
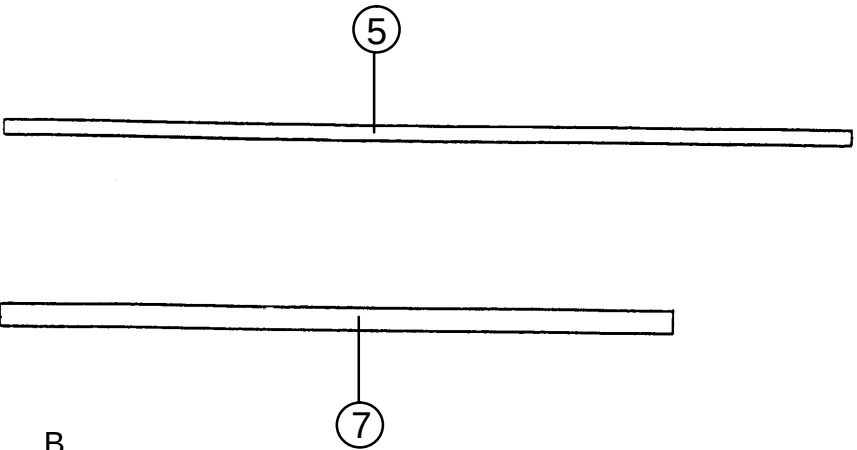
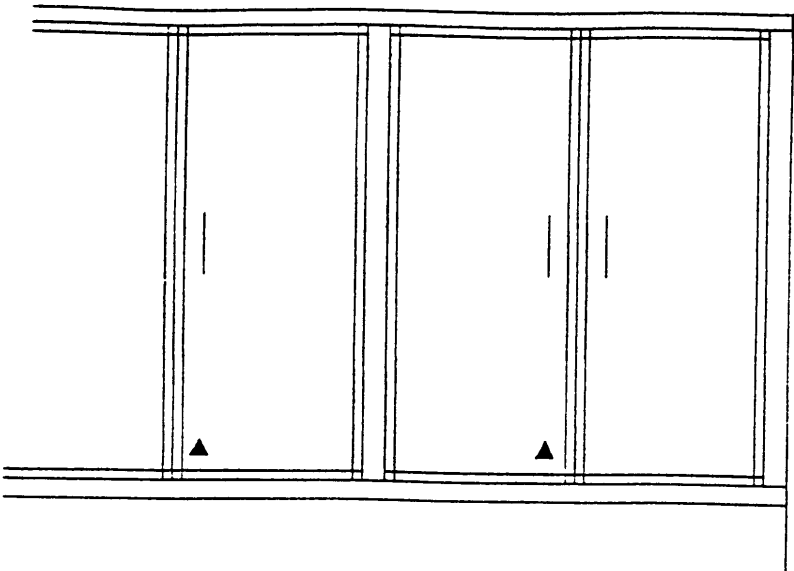




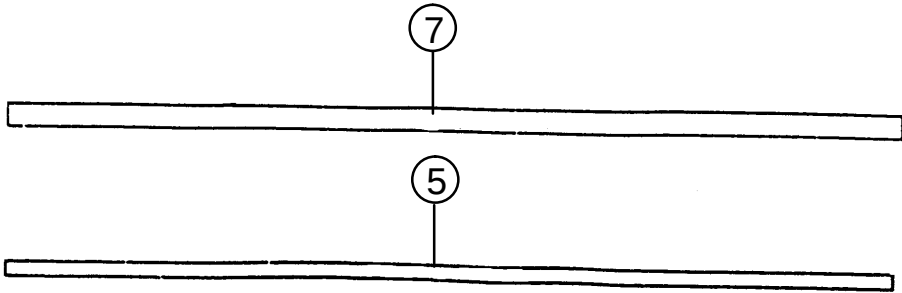
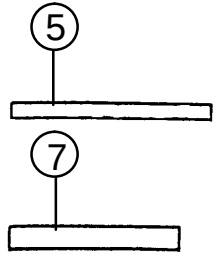
RAA415 * 463C * EUROSTAR

PART LIST
XR01AA581M**DESIGNATION**
PROTECTIONS*DRAWING 219969*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	XR01AA577C	VERTICAL ROD	3 N.			
2	XR01AA577D	VERTICAL ROD	3 N.			
3	VVB459	PROTECTIONS	1 N.			
4	XR01AA099A	CASING LIMITSWITCH	8 N.			
5	181663	TRUNKING	4 N.			
6	HUZ919	PLASTIC RIVET	24 N.		C	
7	XR06AY001A	TRUNKING	4 N.			



	VAA 316	8
	VAA 312	
	VAA 311	
	VAA 318	9





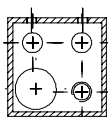
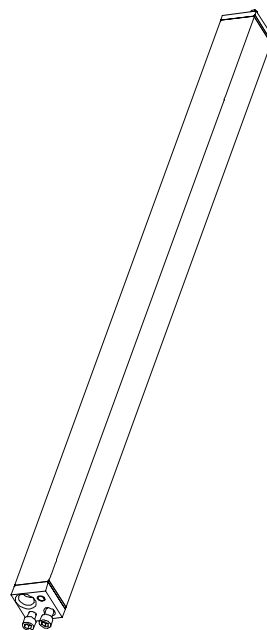
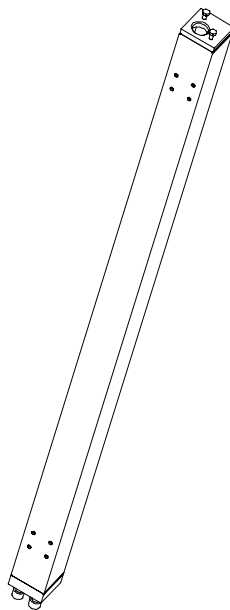
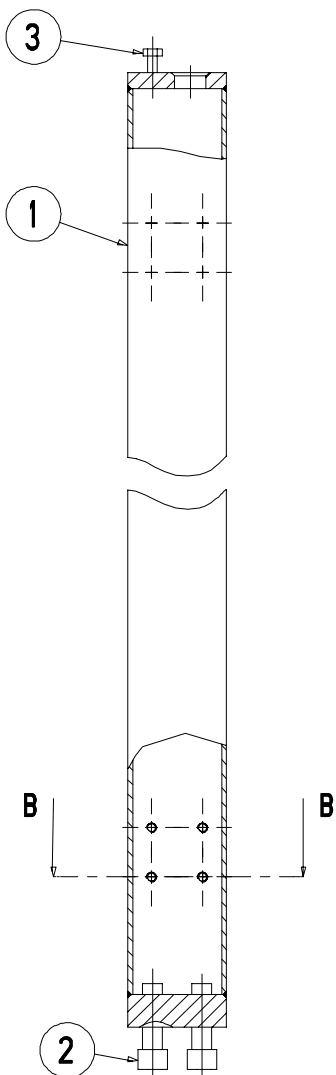
RAA415 * 463C * EUROSTAR

PART LIST
XR01AA577C

DESIGNATION
VERTICAL ROD

DRAWING 173799

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	216887/001	VERTICAL ROD	1 N.			
2	HMG132	SCREW	2 N.			
3	HLD016	SCREW	2 N.			



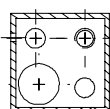
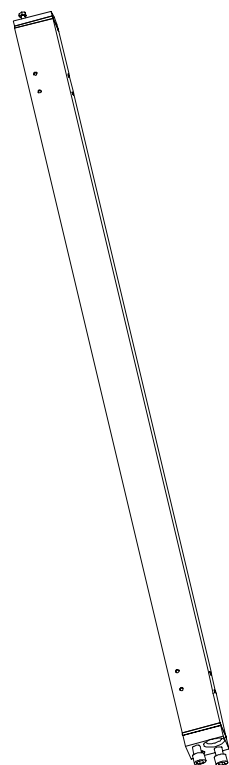
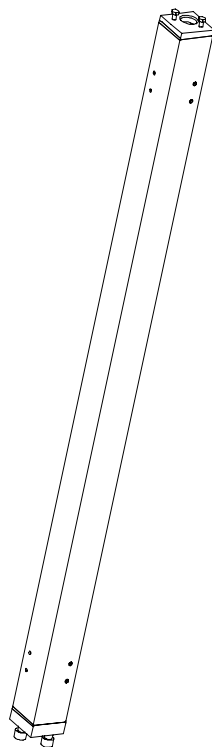
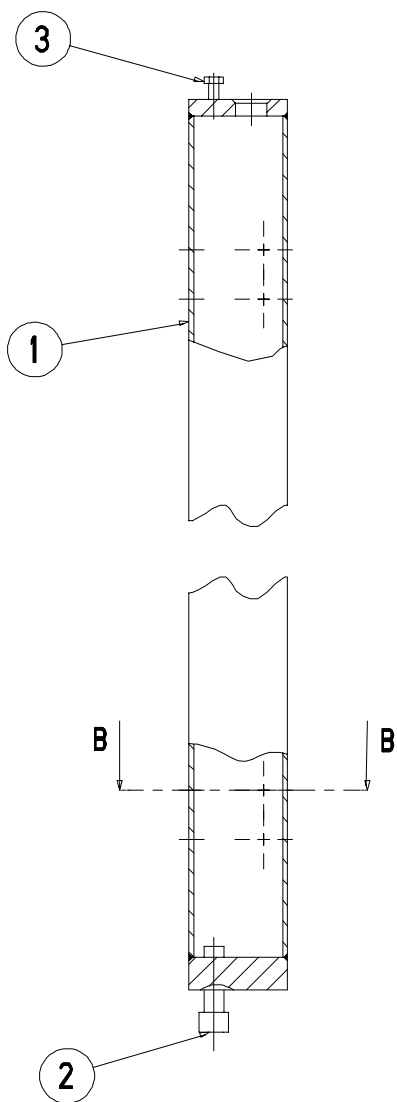
B-B



RAA415 * 463C * EUROSTAR

PART LIST
XR01AA577D**DESIGNATION**
VERTICAL ROD*DRAWING 173801*

<i>POS.</i>	<i>ITEM</i>	<i>DESIGNATION</i>	<i>Q.TY</i>	<i>S</i>	<i>R</i>	<i>K</i>
1	216888/001	VERTICAL ROD	1 N.			
2	HMG132	SCREW	2 N.			
3	HLD016	SCREW	2 N.			



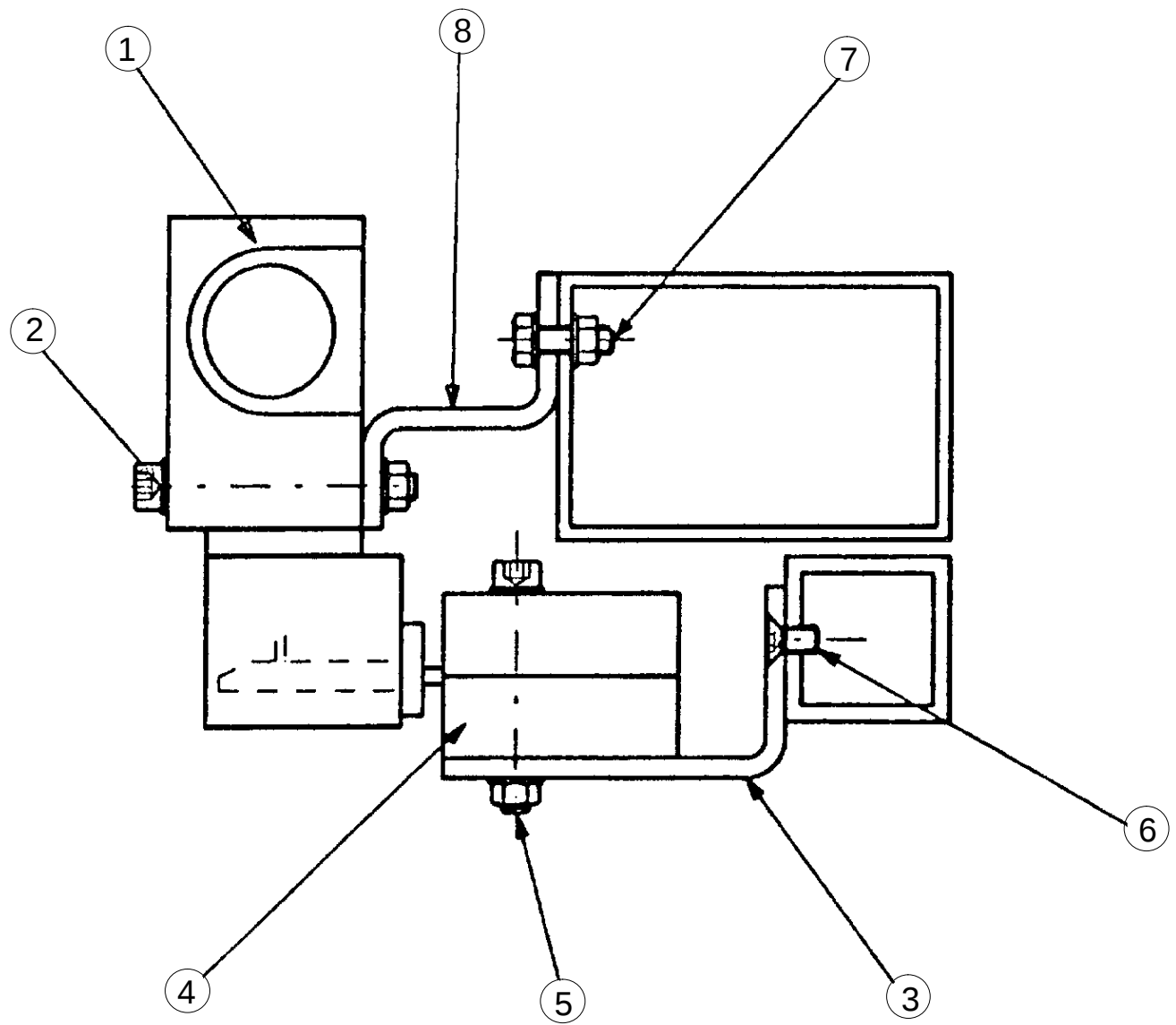
B-B



RAA415 * 463C * EUROSTAR

PART LIST
XR01AA099A**DESIGNATION**
CASING LIMITSWITCH**DRAWING 216743**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	ECH142	LIMITSWITCH	1 N.	S	C	
2	HMB132	SCREW	2 N.			
2	HRP004	NUT	2 N.			
2	HRU104	SPRINGWASHER	2 N.			
3	216746	SUPPORT	1 N.			
4	ECH199	LEVER	1 N.	S	C	
5	HMB132	SCREW	2 N.			
5	HRP004	NUT	2 N.			
5	HRU104	SPRINGWASHER	2 N.			
6	HNQ010	SCREW	2 N.			
7	HLC010	SCREW	2 N.			
7	HRP005	NUT	2 N.			
7	HRU005	WASHER	2 N.			
8	216747	SUPPORT	1 N.			





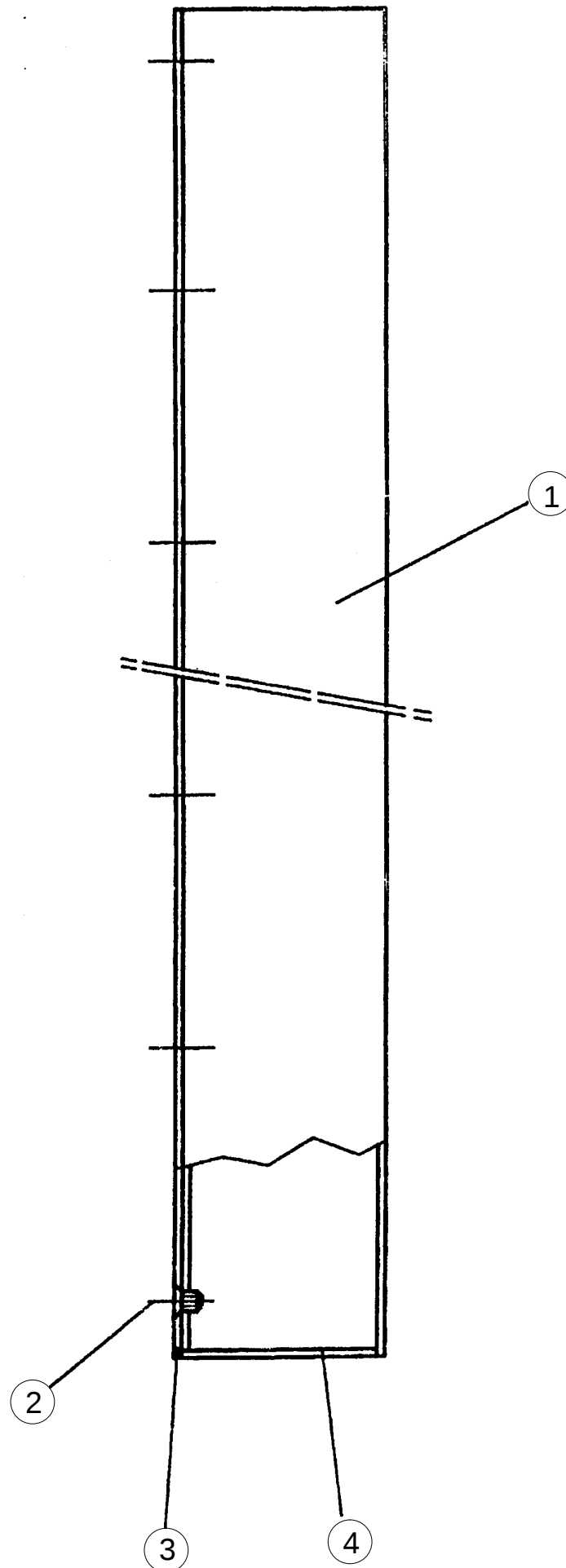
RAA415 * 463C * EUROSTAR

PART LIST
XR06AY001A

DESIGNATION
TRUNKING

DRAWING 173818

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	169845	TRUNKING	1 N.			
2	HQZ060	SCREW	24 N.			
3	169846	COVER	1 N.			
4	172619	PLATE	2 N.			





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PART LIST
XR01UP009Y

DESIGNATION
PROTECTIONS

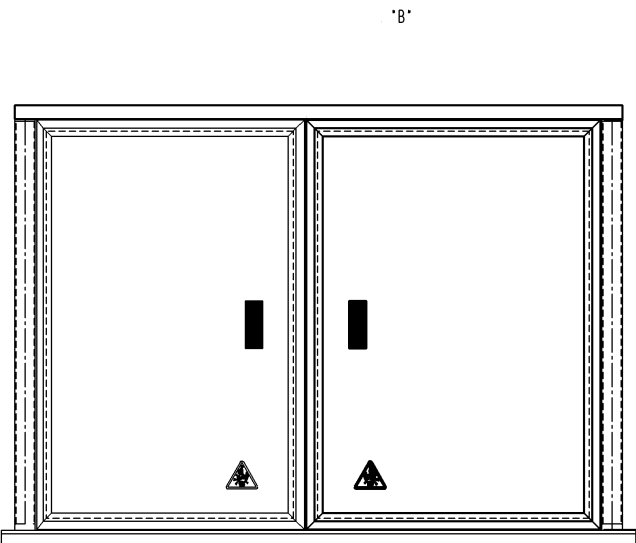
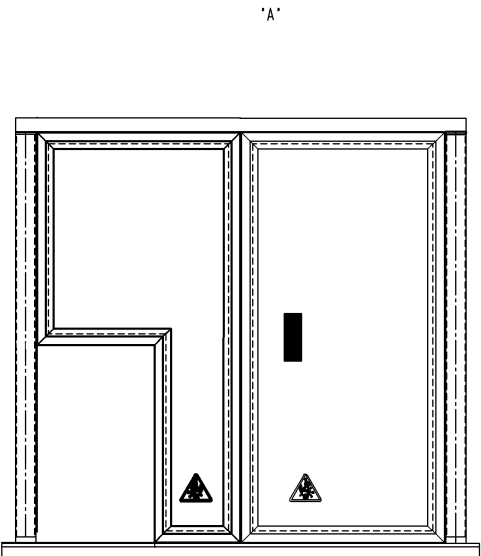
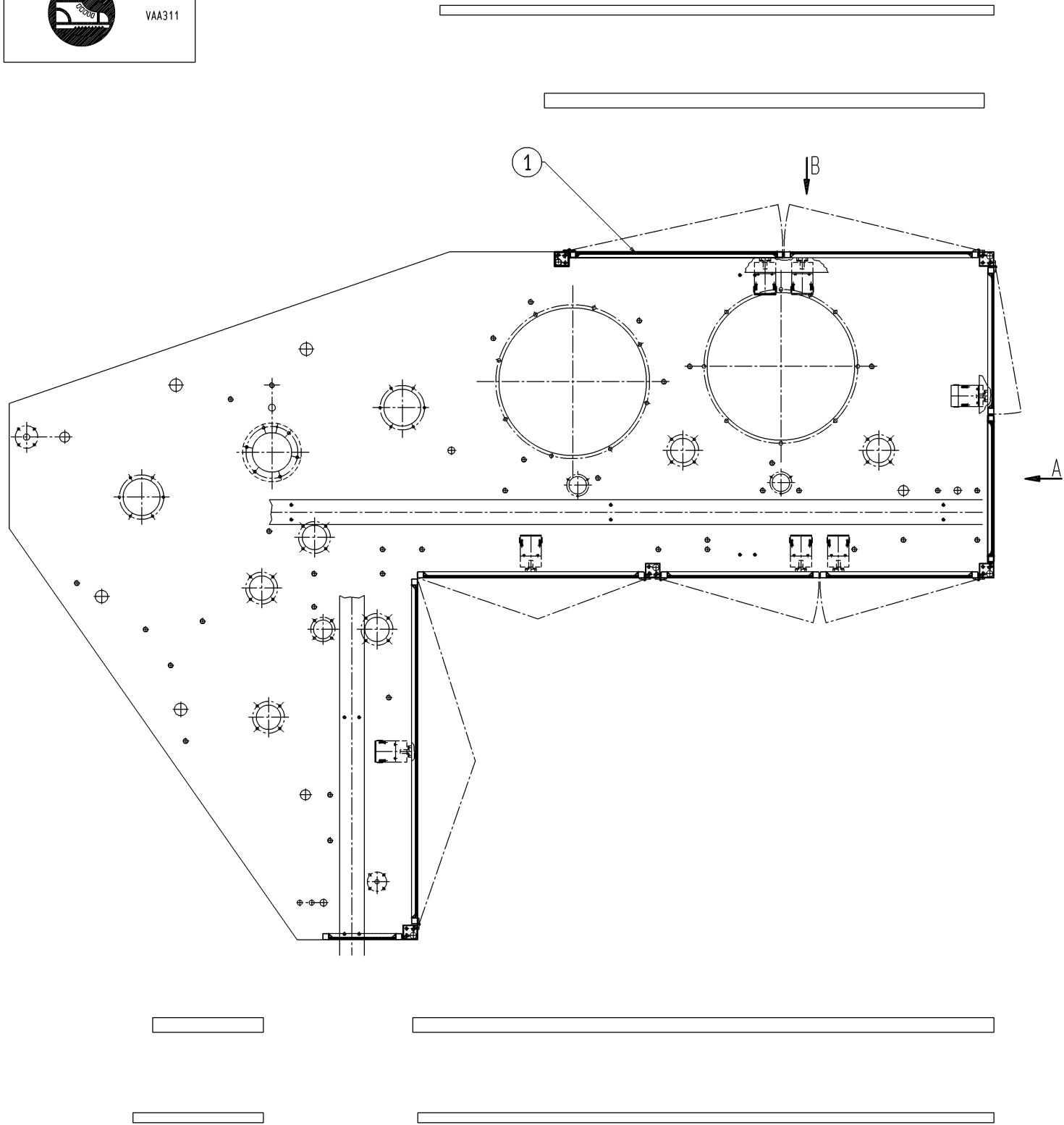
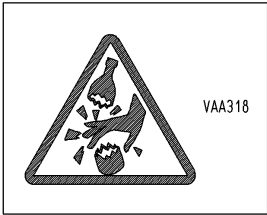
DRAWING 444244

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	VVB154	PROTECTIONS	1 N.			

VAA316

VAA312

VAA311

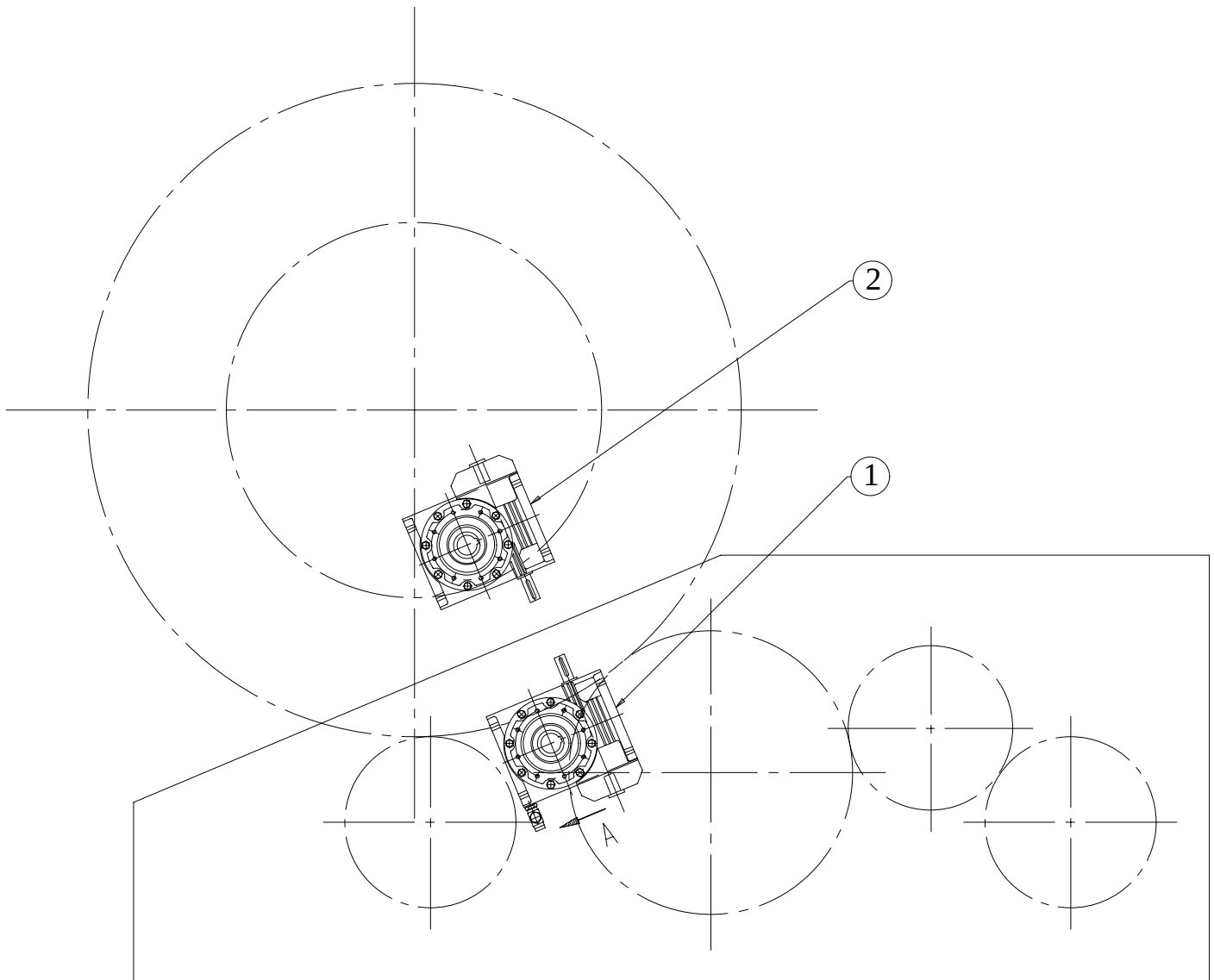




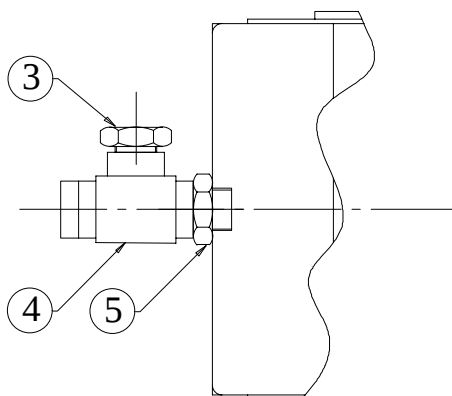
RAA415 * 463C * EUROSTAR

PART LIST
XR02BC501B**DESIGNATION**
SPEED REDUCERS*DRAWING 212327*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	RAA341	SPEED REDUCER	1 N.			
2	RAA342	SPEED REDUCER	1 N.			
3	DCC020	PLUG	1 N.			
4	DCL020	CONNECTION	1 N.			
5	DCG020	NIPPLE	1 N.			



A-A

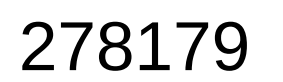




RAA415 * 463C * EUROSTAR

PART LIST
XR02AA131A**DESIGNATION**
CARDANIC SHAFT**DRAWING 278179**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	HFT020	SET SCREW	1 N.			
2	207433	SPACER	1 N.			
3	HME162	SCREW	7 N.			
4	HAF032	SCREW	16 N.			
5	HHF110	SPRINGWASHER	16 N.			
6	HBF140	SCREW	1 N.			
7	HHA010	NUT	16 N.			
8	TDB013	CARDANIC SHAFT	1 N.			
9	182928/063	HUB	1 N.			
11	207457	HUB	1 N.			



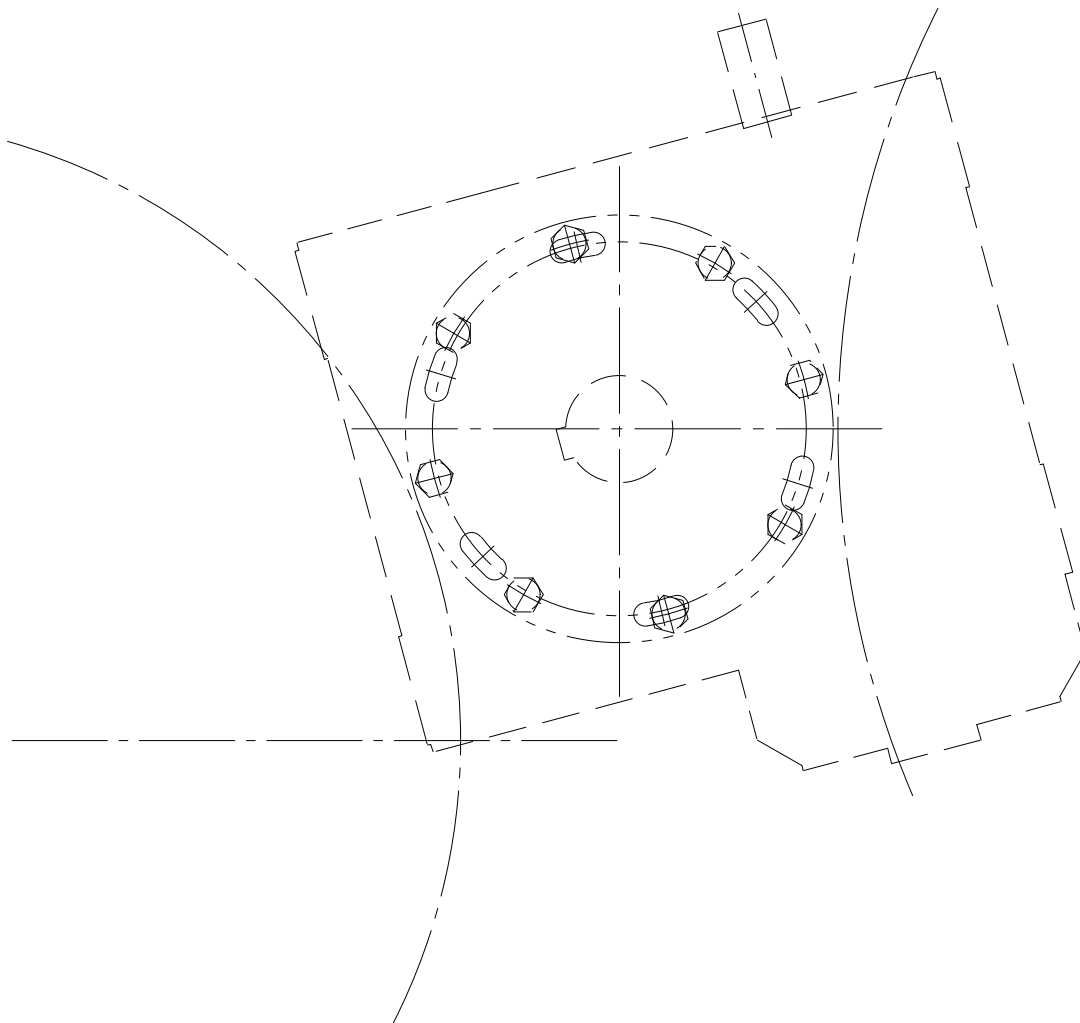
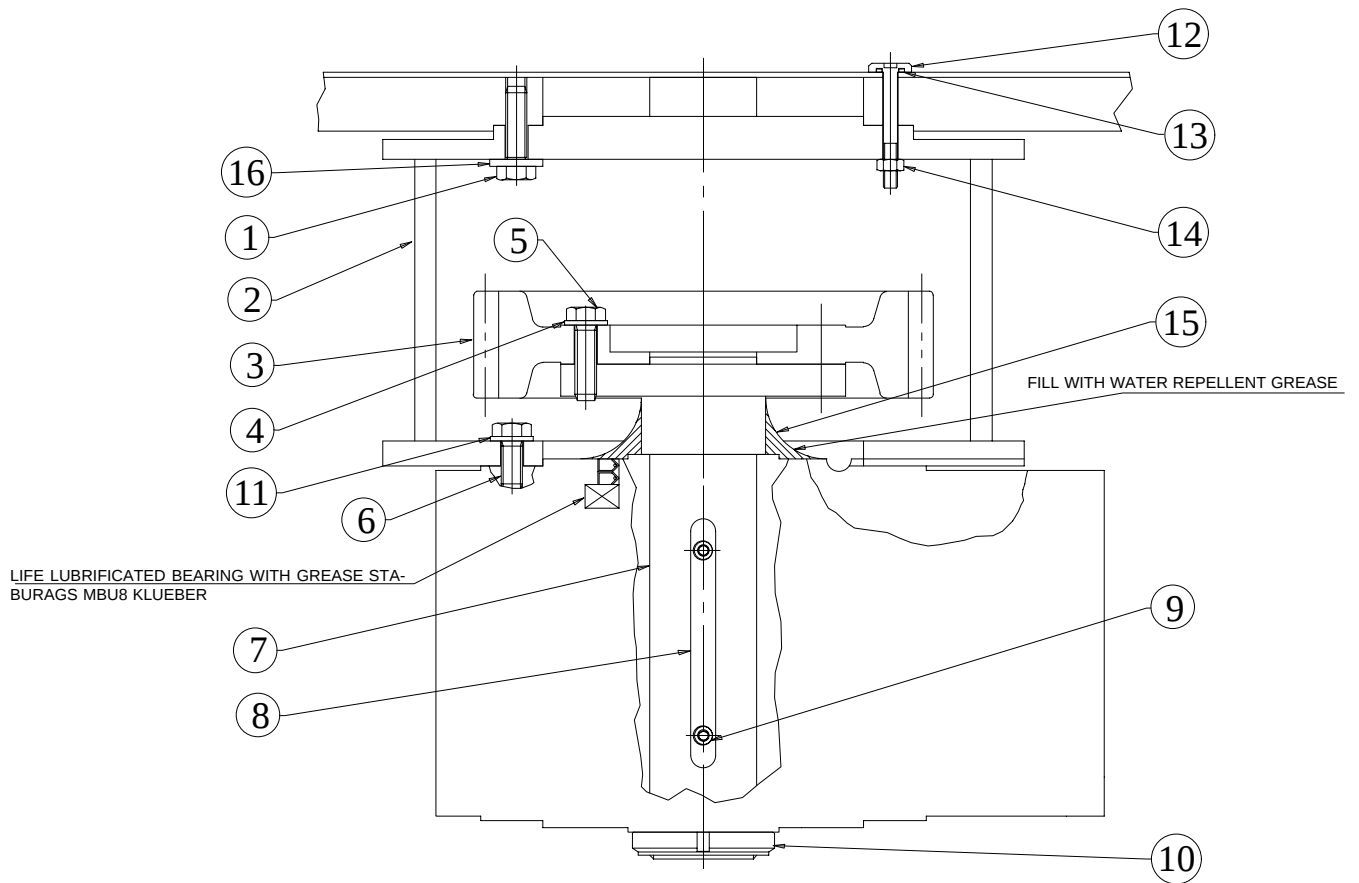


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PART LIST
XR02AA111A**DESIGNATION**
SIDE REDUCER MOTORIZATION

DRAWING 277804

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	HAG034	SCREW	6 N.			
2	160415	SUPPORT	1 N.			
3	154663	GEAR	1 N.			
4	HHF012	WASHER	18 N.			
5	HAG034	SCREW	4 N.			
6	HAG026	SCREW	8 N.			
7	155563	SHAFT	1 N.			
8	155564	TAB	1 N.			
9	HBD110	SCREW	2 N.			
10	HHD960	SELFLOCKING NUT	1 N.			
11	HHF012	WASHER	8 N.			
12	090990	PEG	1 N.			
13	GAF109	O-RING	1 N.		C	
14	HRP008	NUT	1 N.			
15	163003	RUBBER	1 N.			
16	001077/127	WASHER	6 N.			



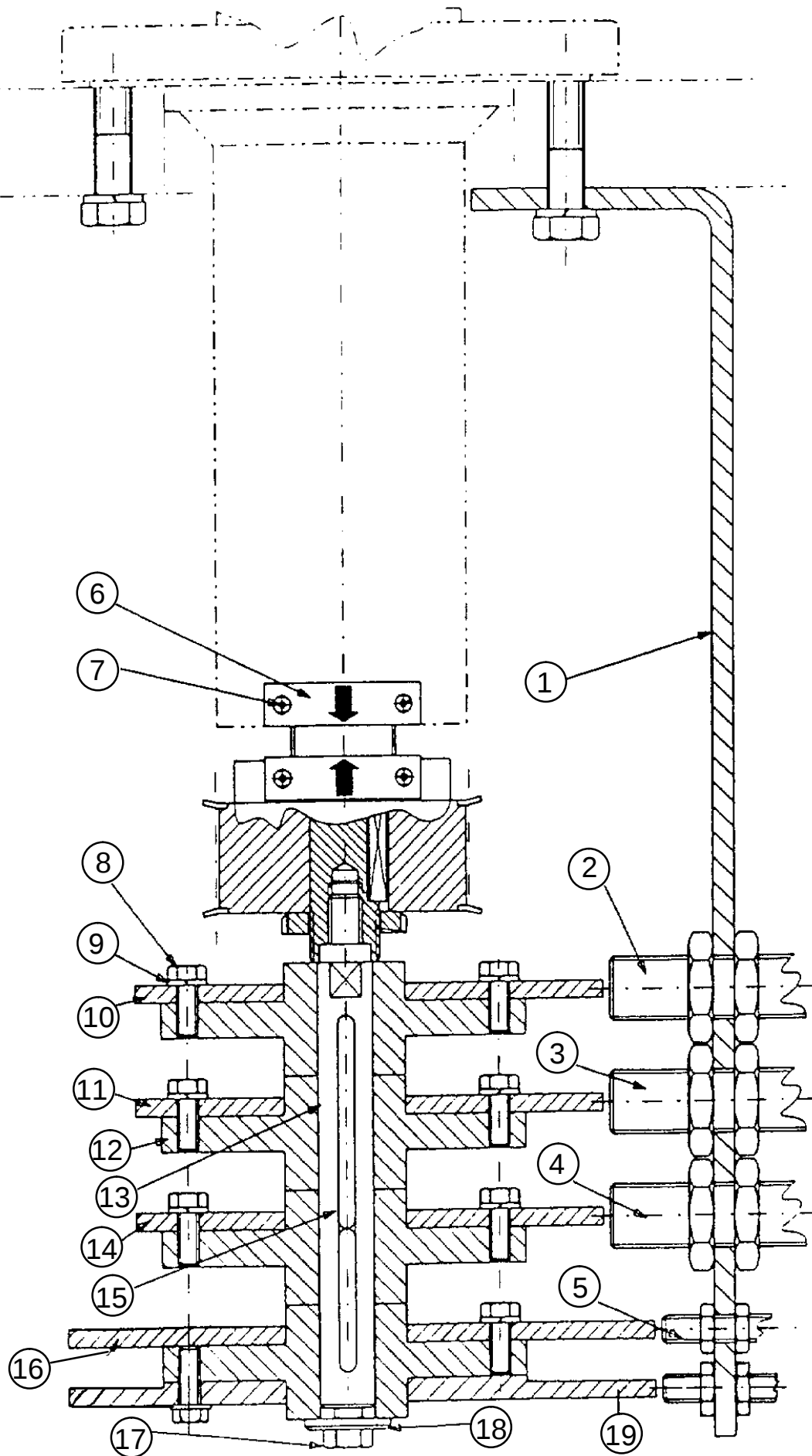


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PART LIST
XR02UP039C**DESIGNATION**
SENSORS

DRAWING 211116

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	211112	SUPPORT	1 N.			
2	ECH766	CONNECTOR	2 N.		C	
2	ECH773	LIMITSWITCH	2 N.		C	
3	ECH766	CONNECTOR	1 N.		C	
3	ECH773	LIMITSWITCH	1 N.		C	
5	ECH768	CONNECTOR	2 N.		C	
5	ECH874	SENSOR	2 N.			
6	205986	NAMEPLATE	1 N.			
7	HKV293	RIVET	2 N.			
8	HLD016	SCREW	27 N.			
9	HRU006	WASHER	27 N.			
10	205840	DISK	1 N.			
11	205838	DISK	2 N.			
12	205843	SUPPORT	4 N.			
13	205836/001	SHAFT	1 N.			
15	HXC040	KEY	1 N.			
15	HXC060	KEY	1 N.			
16	205842	DISK	1 N.			
17	HLE016	SCREW	1 N.			
18	005103/048	WASHER	1 N.			
19	211111	DISK	1 N.			



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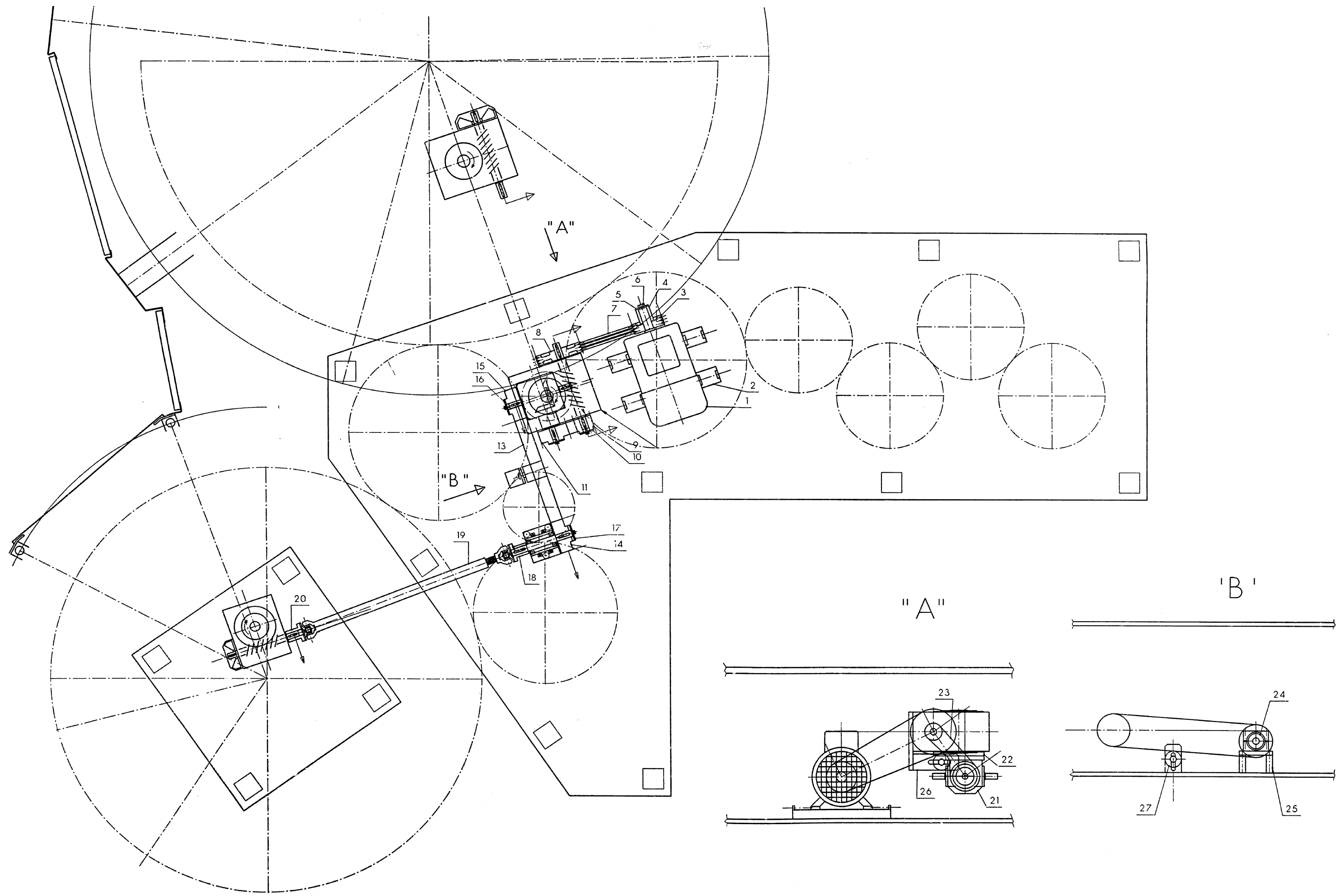
PART LIST
XR02AA678R
DESIGNATION
MACHINE MOTORIZATION

DRAWING 219469

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	MVS010	AC MOTOR	1 N.			
2	HAH032	SCREW	4 N.			
2	HHA014	NUT	8 N.			
2	HHF114	SPRINGWASHER	4 N.			
2	154703	PLATE	4 N.			
2	189984	BRACKET	2 N.			
2	9090D010A150	ADJUSTMENT SCREW	4 N.			
3	019964/243	PULLEY	1 N.			
4	013188/111	SPACER	1 N.			
5	001077/132	WASHER	1 N.			
6	HLJ024	SCREW	1 N.			
7	TGD017	BELT	3 N.		C	
8	207841/005	PULLEY	1 N.			
9	183436/066	PULLEY	1 N.			
10	HAF020	SCREW	1 N.			
10	001077/028	WASHER	1 N.			
11	183436/015	PULLEY	1 N.			
12	HAE020	SCREW	1 N.			
12	001077/092	WASHER	1 N.			
13	TLC700	BELT	1 N.		C	
14	183436/031	PULLEY	1 N.			
15	183436/029	PULLEY	1 N.			
16	HAE020	SCREW	1 N.			
16	001077/092	WASHER	1 N.			
17	HAE020	SCREW	1 N.			
17	001077/092	WASHER	1 N.			
18	HFT012	SET SCREW	2 N.			
18	182928/039	HUB	1 N.			
19	TDB104	CARDANIC SHAFT	1 N.			
20	182928/052	HUB	1 N.			
21	HAH030	SCREW	4 N.			
21	HHF114	SPRINGWASHER	4 N.			
21	RAZ064	SPEED REDUCER	1 N.			
22	HBG132	SCREW	4 N.			
22	219947	PLATE	1 N.			
23	TLC360	BELT	1 N.		C	
24	XR02AA120B	DRIVE TRANSMISSION	1 N.			
25	HAG168	SCREW	3 N.			
25	HHF114	SPRINGWASHER	3 N.			
25	184557/006	SUPPORT	1 N.			

**RAA415 * 463C * EUROSTAR**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
26	CEB201	ROLLER	1 N.			
26	HAI036	SCREW	2 N.			
26	HHA016	NUT	2 N.			
26	HHF116	SPRINGWASHER	2 N.			
26	215442	SUPPORT	1 N.			
27	CEB201	ROLLER	1 N.			
27	HAF024	SCREW	3 N.			
27	HHF110	SPRINGWASHER	3 N.			
27	179172	PLATE	1 N.			
27	183434	REINFORCEMENT	1 N.			



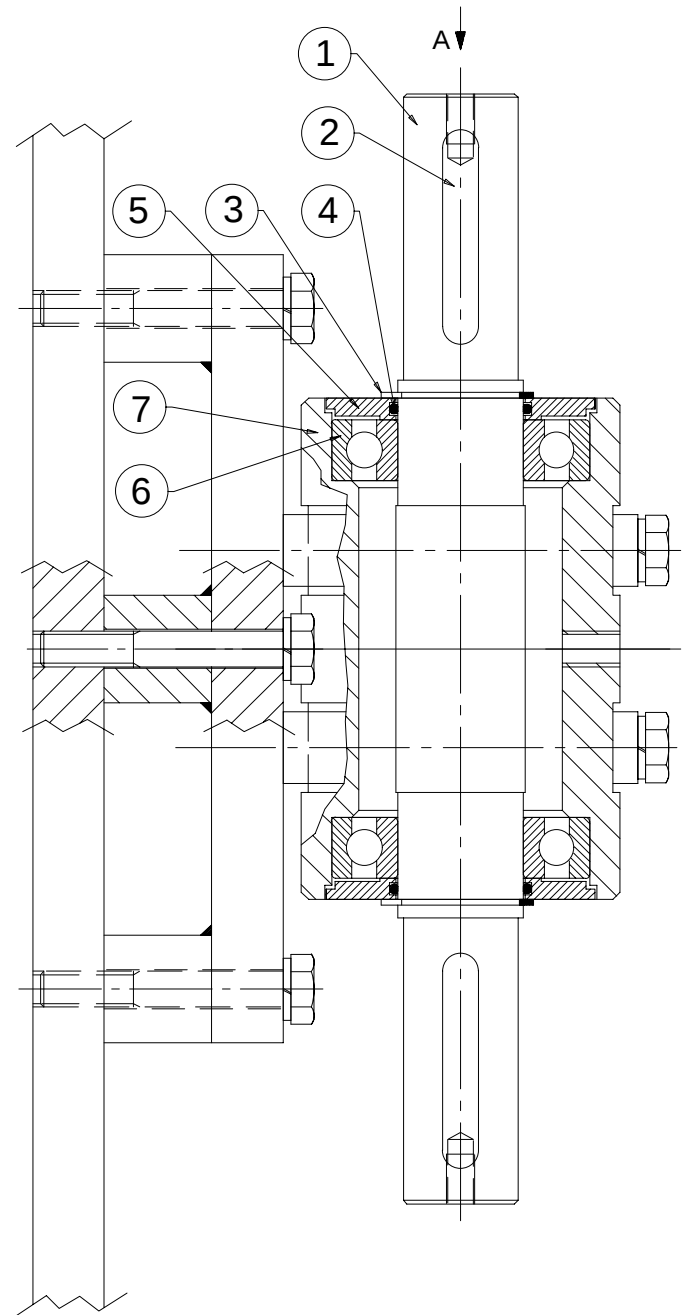
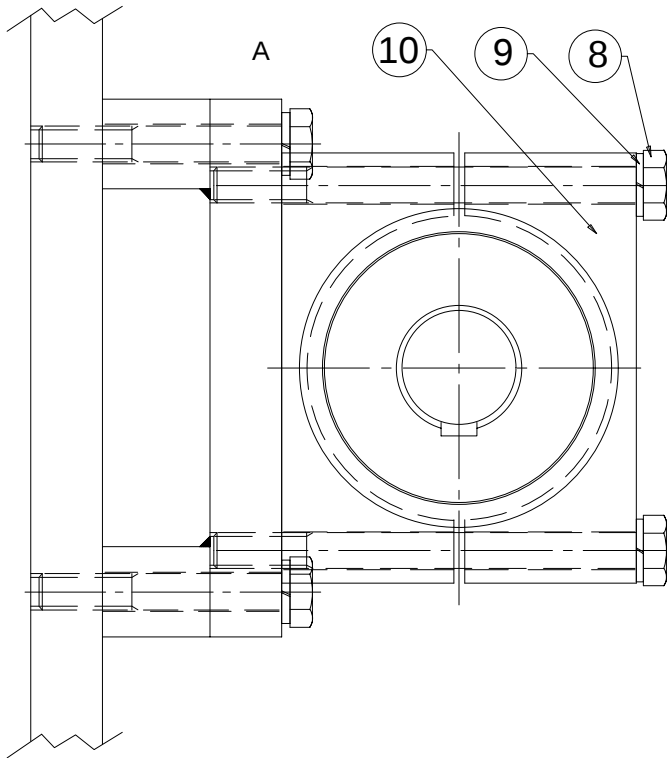


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PART LIST
XR02AA120B**DESIGNATION**
DRIVE TRANSMISSION

DRAWING 273946

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	184540/002	SHAFT	1 N.			
2	HXF060	KEY	2 N.			
3	HZC035	EXTERNAL RETAINING RING	2 N.			
4	GAL137	O-RING	2 N.		C	
5	184559	PROTECTION	2 N.			
6	CAA477	BEARING	2 N.			
7	184541/002	SUPPORT	1 N.			
8	HAF164	SCREW	4 N.			
9	HHF110	SPRINGWASHER	4 N.			
10	184558	CLAMP	2 N.			

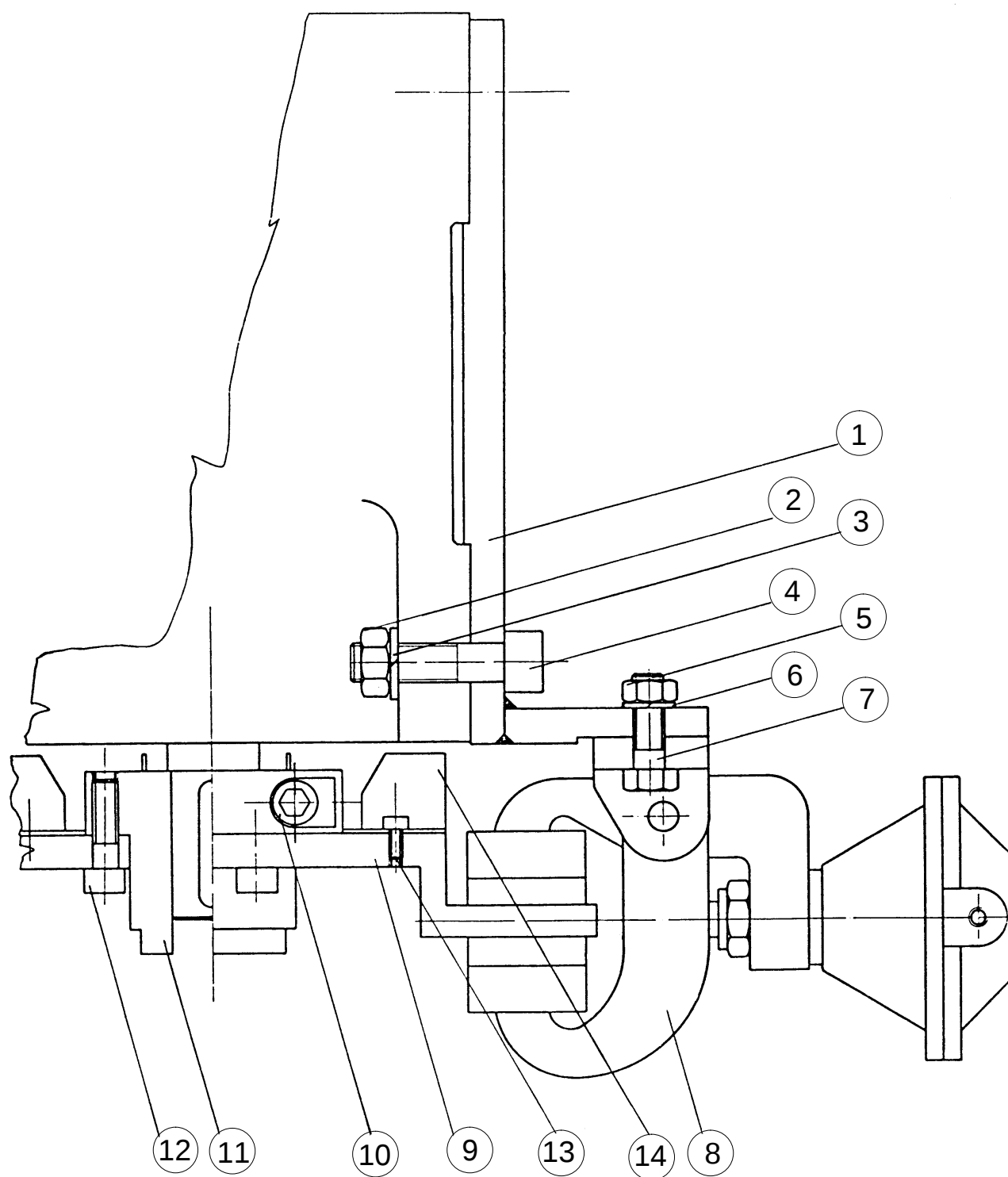




RAA415 * 463C * EUROSTAR

PART LIST
XR02AA122A**DESIGNATION**
DISK BRAKE**DRAWING 166287**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	166295	SUPPORT	1 N.			
2	HHA016	NUT	4 N.			
3	HHF116	SPRINGWASHER	4 N.			
4	HBJ140	SCREW	4 N.			
5	HHA012	NUT	2 N.			
6	HHF112	SPRINGWASHER	2 N.			
7	HAG032	SCREW	2 N.			
8	VGB905	BRAKE	1 N.		C	K
KIT	VGA902	BRAKE PLUGS	N.			
9	166282	DISK	1 N.			
10	HBG130	SCREW	1 N.			
11	166294	HUB	1 N.			
12	HBF126	SCREW	3 N.			
13	HBC116	SCREW	3 N.			
14	166288	FAN	1 N.			



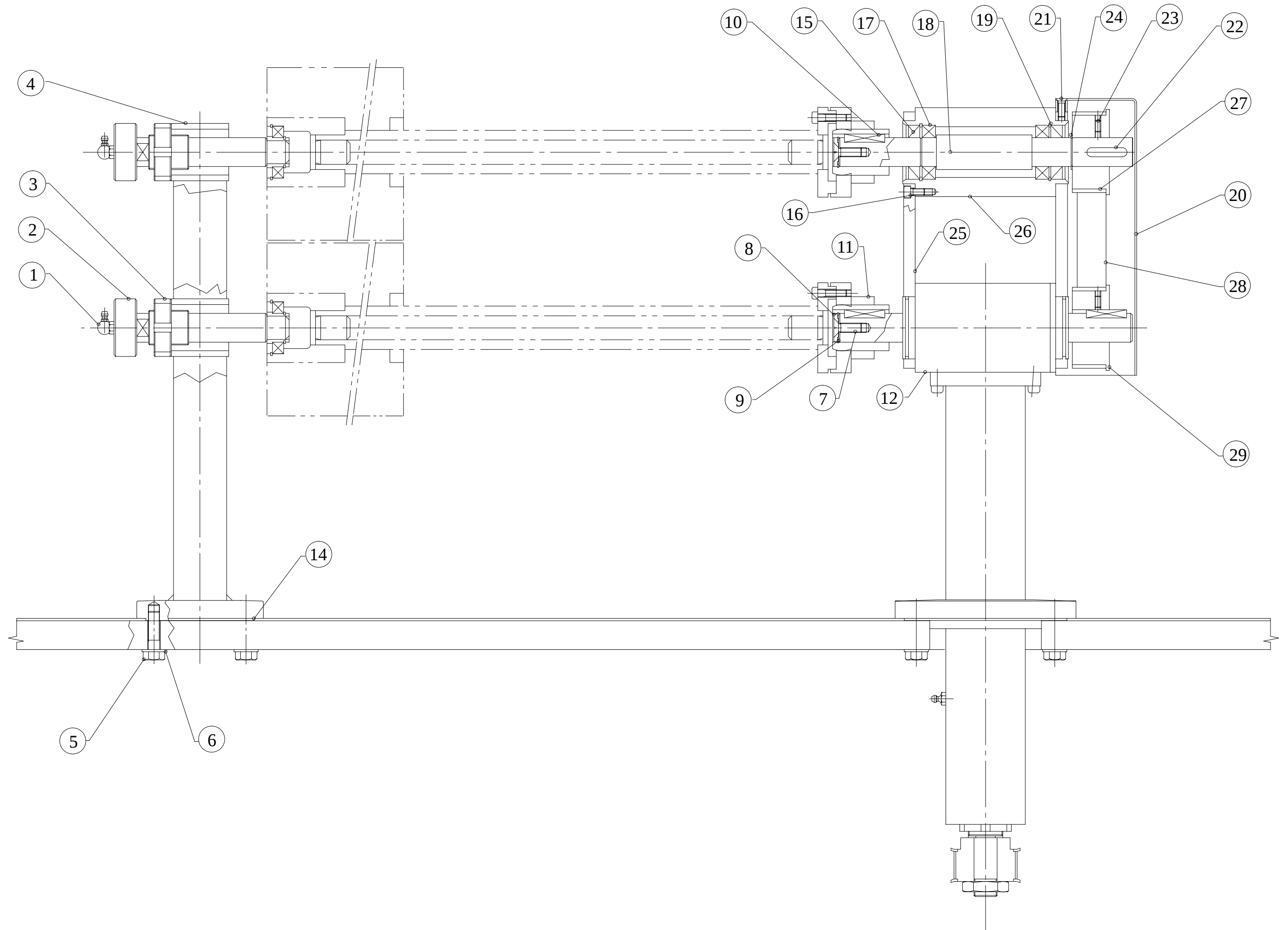


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PART LIST
XR04UP009Q**DESIGNATION**
WORMSCREW CONTROL

DRAWING 267145

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	LCA036	GREASING NIPPLE	2 N.		C	
2	180545	PIN	2 N.			
3	160478	LOCK RING	2 N.			
4	160479	SUPPORT	1 N.			
5	HAF032	SCREW	8 N.			
6	HRU110	SPRINGWASHER	8 N.			
7	HNS020	SCREW	2 N.			
8	149395	WASHER	2 N.			
9	HZG025	INTERNAL RETAINING RING	2 N.			
10	HYE035	KEY	1 N.		C	
11	149396	FLANGE	2 N.			
12	XR04UP009S	WORMSCREW CONTROL	1 N.			
14	GFB950	GASKET	1 N.			
15	GCD063	SEAL RING	2 N.		C	
16	HMD112	SCREW	8 N.			
17	CAA415	BEARING	2 N.		C	
18	156598	SHAFT	1 N.			
19	HZA047	INTERNAL RETAINING RING	2 N.			
20	160347	GUARD	1 N.			
21	HNR016	SCREW	2 N.			
22	HYE035	KEY	1 N.		C	
23	HQU010	SET SCREW	2 N.			
24	HZF025	EXTERNAL RETAINING RING	2 N.			
25	160495	SUPPORT	2 N.			
26	160849	BODY	1 N.			
27	160496	PULLEY	1 N.			
28	TLA100	BELT	1 N.		C	
29	160496	PULLEY	1 N.			





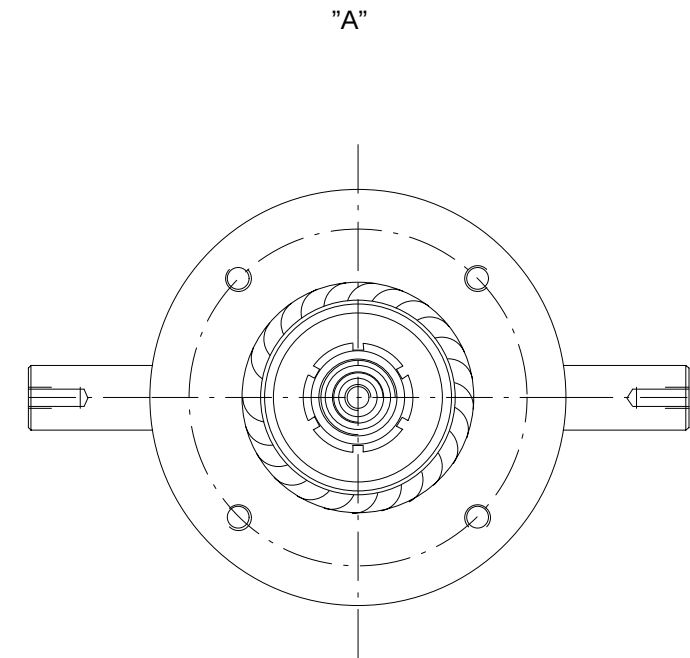
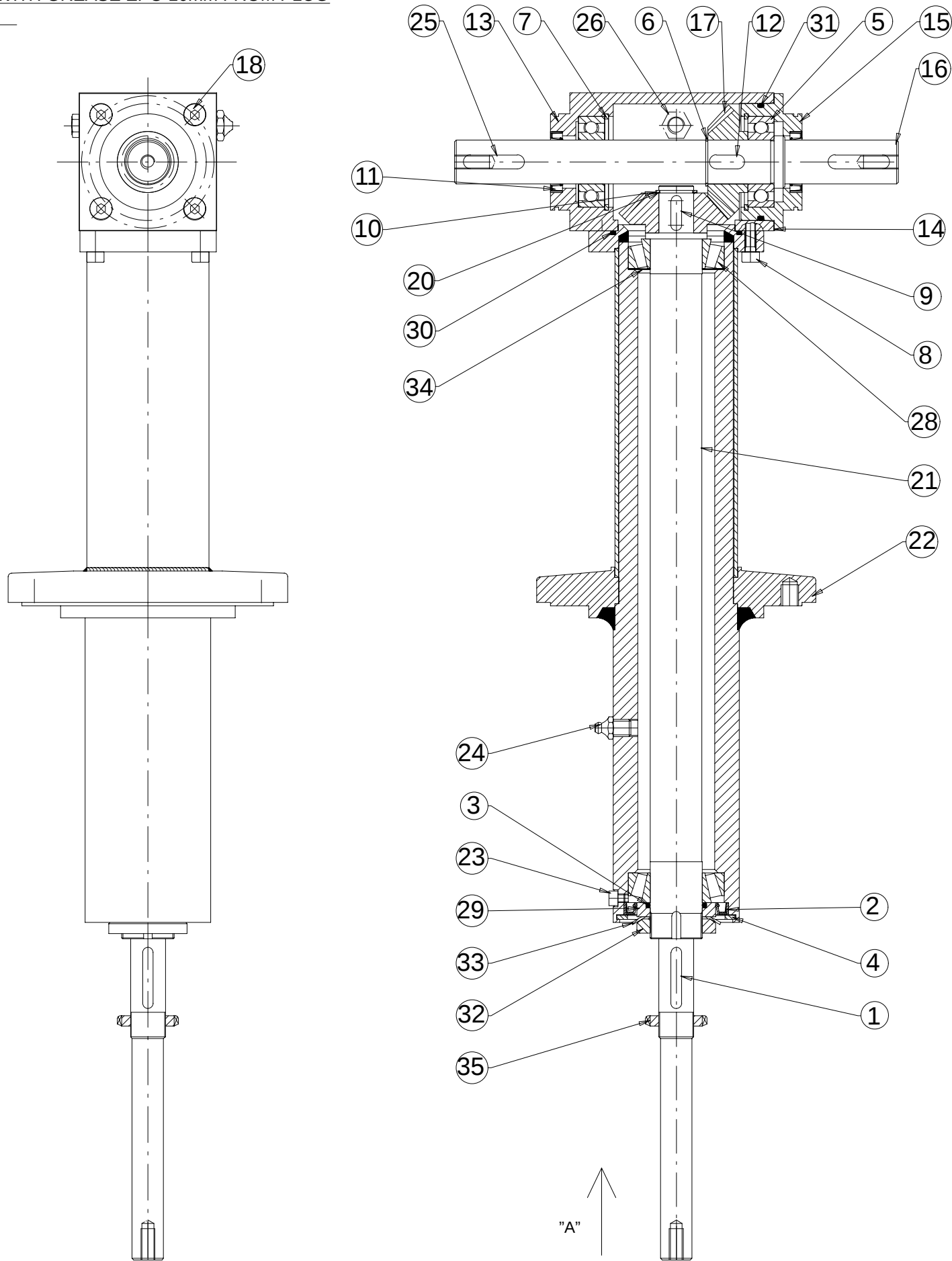
RAA415 * 463C * EUROSTAR

PART LIST
XR04UP009S**DESIGNATION**
WORMSCREW CONTROL

DRAWING 175754

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	HXD035	KEY	1 N.			
2	GCD193	SEAL RING	1 N.		C	
3	GAL118	O-RING	1 N.		C	
4	HZA065	INTERNAL RETAINING RING	1 N.			
5	CAA475	BEARING	2 N.			
6	HZC025	EXTERNAL RETAINING RING	2 N.			
7	HZA052	INTERNAL RETAINING RING	2 N.			
8	HMD120	SCREW	4 N.			
9	HXD020	KEY	1 N.			
10	HZC020	EXTERNAL RETAINING RING	1 N.			
11	GCD050	SEAL RING	2 N.		C	
12	HXE020	KEY	1 N.			
13	157543	BODY	1 N.			
14	182662	THICKNESS	1 N.			
15	157545	COVER	1 N.			
16	157546	SHAFT	1 N.			
17	159410	BEVEL GEAR	1 N.		C	
18	HNR016	SCREW	4 N.			
20	182663	THICKNESS	1 N.			
21	222287	SHAFT	1 N.			
22	164095	SUPPORT	1 N.			
23	LBA305	PLUG	1 N.			
24	LCA032	GREASING NIPPLE	1 N.		C	
25	HYE035	KEY	2 N.		C	
26	DCC005	PLUG	1 N.			
28	CAC156	BEARING	2 N.			
29	163000	RING	1 N.			
30	GAL275	O-RING	1 N.		C	
31	GAL243	O-RING	1 N.		C	
32	CHA006	LOCK RING	1 N.			
33	CHB006	LOCKWASHER	1 N.			
34	VHM482	WASHER	1 N.			
35	HRP320	NUT	1 N.			

** FILL WITH GREASE EPO 10mm FROM PLUG

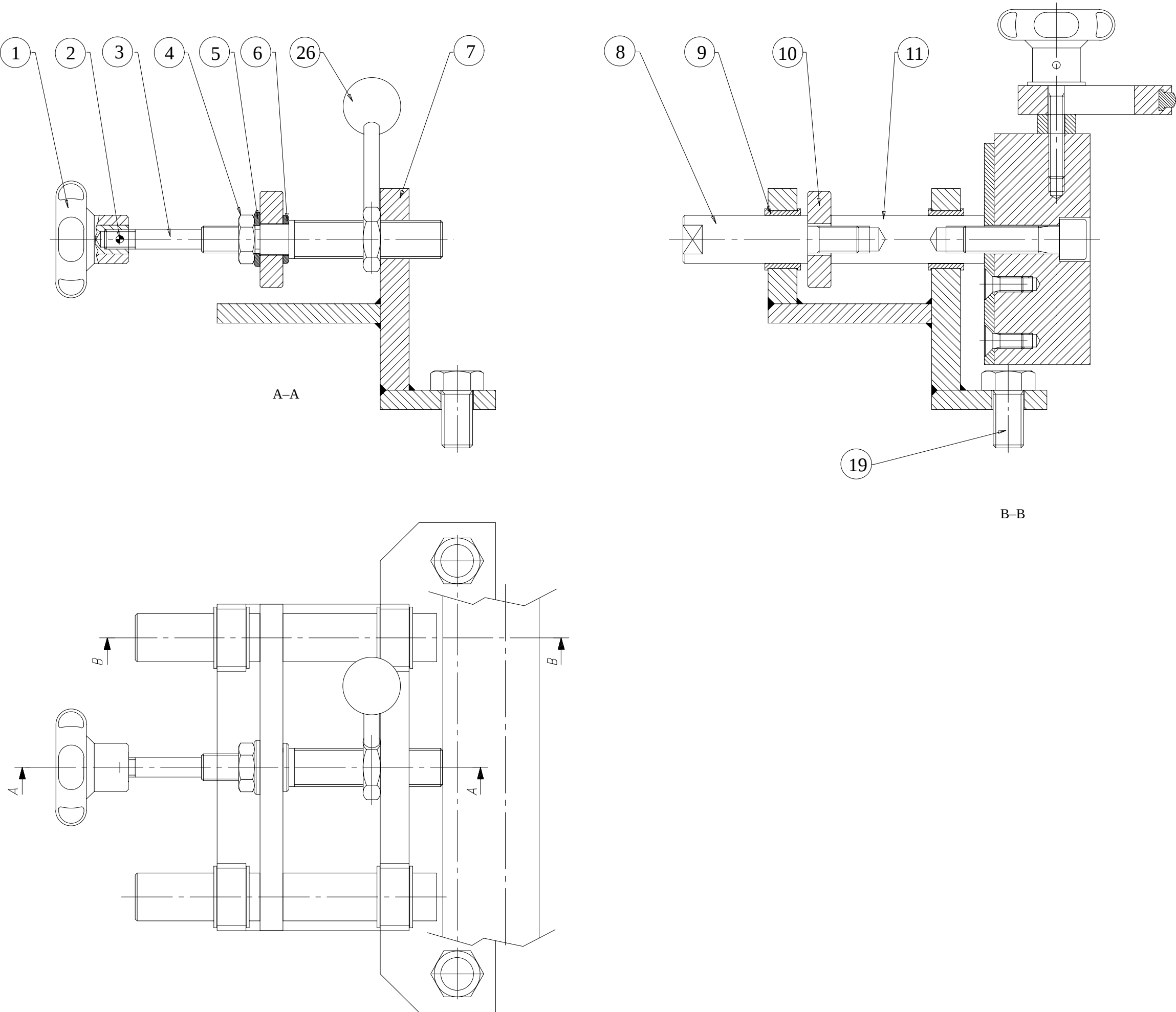




RAA415 * 463C * EUROSTAR

PART LIST
XR04AA057A**DESIGNATION**
WORMSCREW COUNTERGUIDE**DRAWING 185207**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	VAH355	HANDWHEEL	1 N.			
2	HSP008	ELASTIC PIN	1 N.			
3	185151	SCREW	1 N.			
4	HRP214	NUT	1 N.			
5	005103/017	WASHER	1 N.			
6	005103/037	WASHER	1 N.			
7	185157	SUPPORT	1 N.			
8	185153	PIN	2 N.			
9	185156	BUSHING	4 N.			
10	185152	PLATE	1 N.			
11	185154	PIN	2 N.			
19	HLJ032	SCREW	2 N.			
26	185956	LEVER	1 N.			



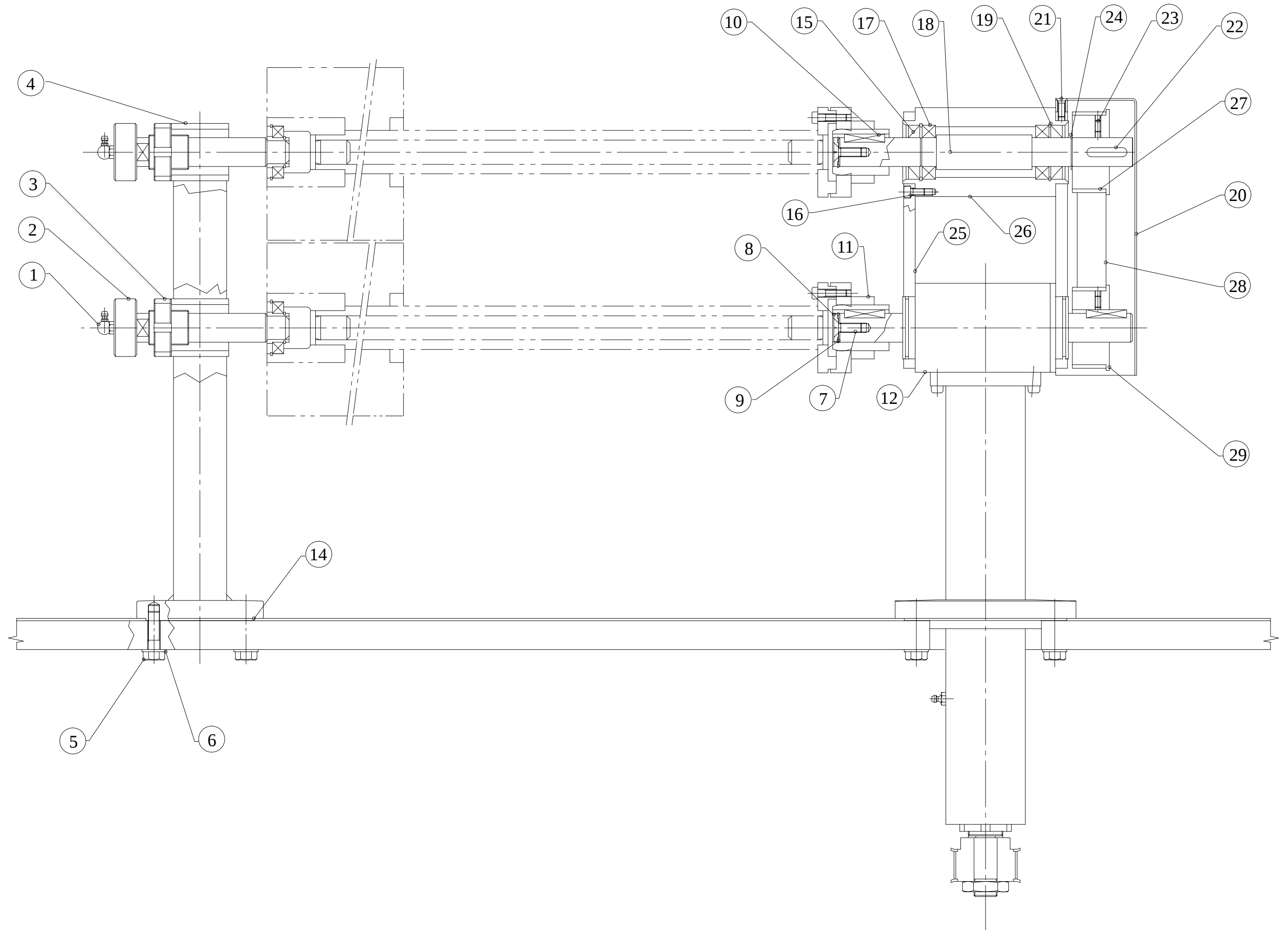


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PART LIST
XR04UP009Q**DESIGNATION**
WORMSCREW CONTROL

DRAWING 267145

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	LCA036	GREASING NIPPLE	2 N.		C	
2	180545	PIN	2 N.			
3	160478	LOCK RING	2 N.			
4	160479	SUPPORT	1 N.			
5	HAF032	SCREW	8 N.			
6	HRU110	SPRINGWASHER	8 N.			
7	HNS020	SCREW	2 N.			
8	149395	WASHER	2 N.			
9	HZG025	INTERNAL RETAINING RING	2 N.			
10	HYE035	KEY	1 N.		C	
11	149396	FLANGE	2 N.			
12	XR04UP009S	WORMSCREW CONTROL	1 N.			
14	GFB950	GASKET	1 N.			
15	GCD063	SEAL RING	2 N.		C	
16	HMD112	SCREW	8 N.			
17	CAA415	BEARING	2 N.		C	
18	156598	SHAFT	1 N.			
19	HZA047	INTERNAL RETAINING RING	2 N.			
20	160347	GUARD	1 N.			
21	HNR016	SCREW	2 N.			
22	HYE035	KEY	1 N.		C	
23	HQU010	SET SCREW	2 N.			
24	HZF025	EXTERNAL RETAINING RING	2 N.			
25	160495	SUPPORT	2 N.			
26	160849	BODY	1 N.			
27	160496	PULLEY	1 N.			
28	TLA100	BELT	1 N.		C	
29	160496	PULLEY	1 N.			





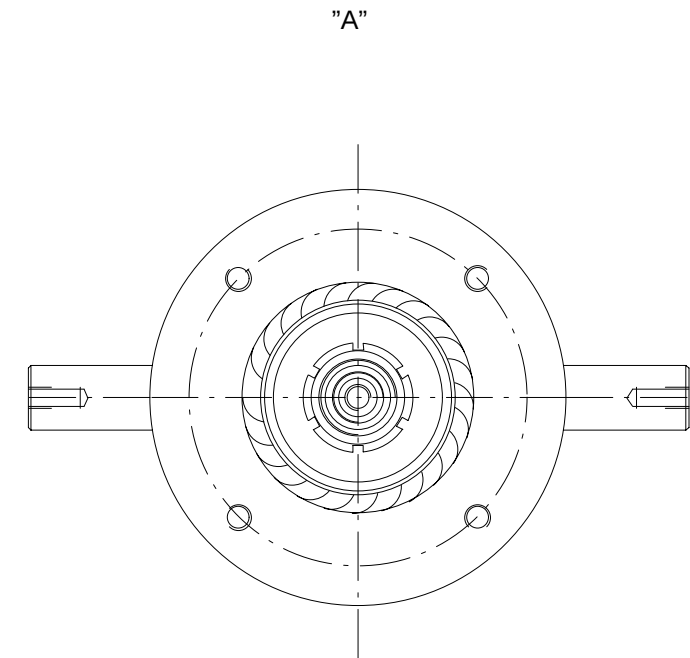
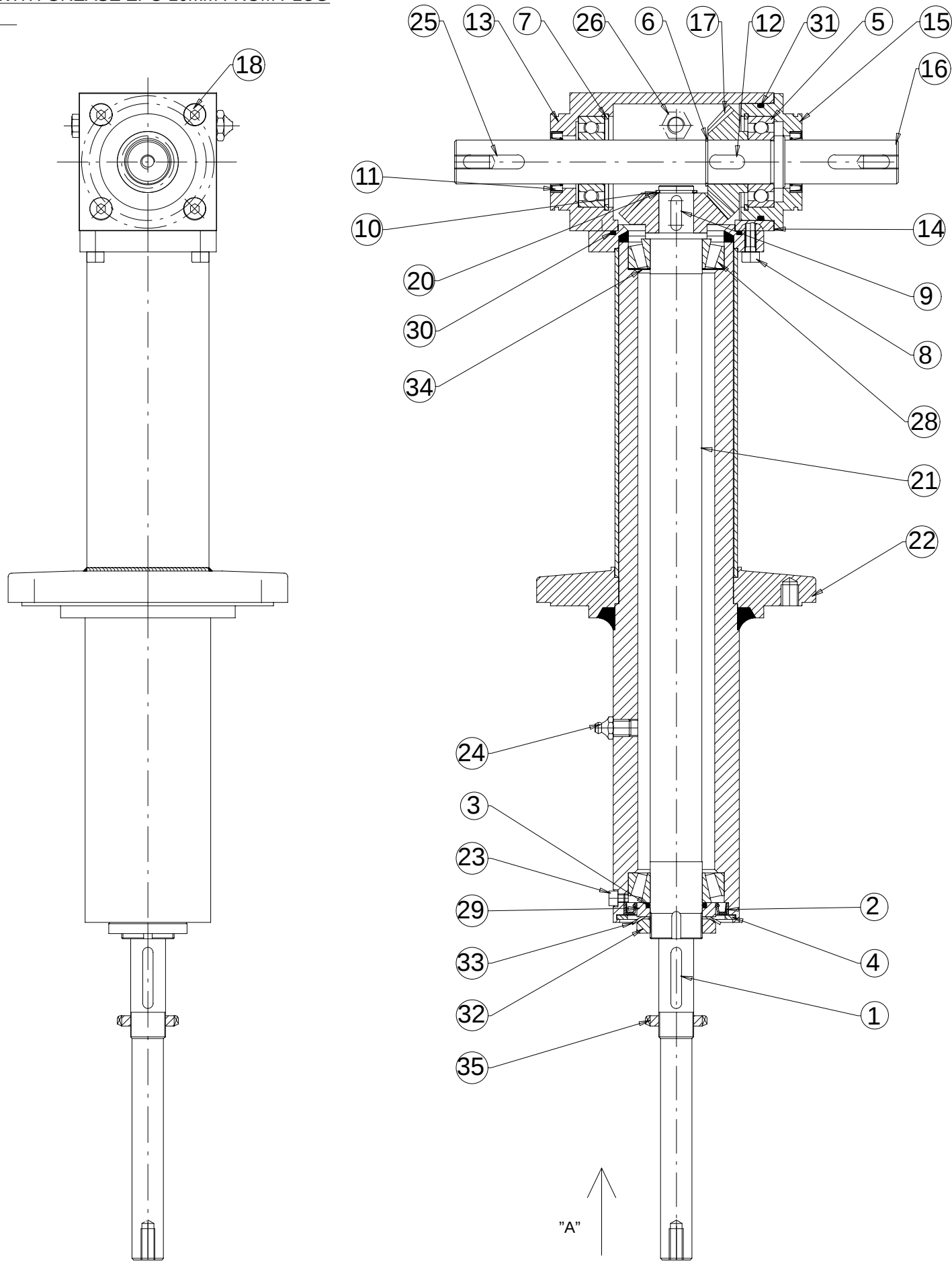
RAA415 * 463C * EUROSTAR

PART LIST
XR04UP009S**DESIGNATION**
WORMSCREW CONTROL

DRAWING 175754

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	HXD035	KEY	1 N.			
2	GCD193	SEAL RING	1 N.		C	
3	GAL118	O-RING	1 N.		C	
4	HZA065	INTERNAL RETAINING RING	1 N.			
5	CAA475	BEARING	2 N.			
6	HZC025	EXTERNAL RETAINING RING	2 N.			
7	HZA052	INTERNAL RETAINING RING	2 N.			
8	HMD120	SCREW	4 N.			
9	HXD020	KEY	1 N.			
10	HZC020	EXTERNAL RETAINING RING	1 N.			
11	GCD050	SEAL RING	2 N.		C	
12	HXE020	KEY	1 N.			
13	157543	BODY	1 N.			
14	182662	THICKNESS	1 N.			
15	157545	COVER	1 N.			
16	157546	SHAFT	1 N.			
17	159410	BEVEL GEAR	1 N.		C	
18	HNR016	SCREW	4 N.			
20	182663	THICKNESS	1 N.			
21	222287	SHAFT	1 N.			
22	164095	SUPPORT	1 N.			
23	LBA305	PLUG	1 N.			
24	LCA032	GREASING NIPPLE	1 N.		C	
25	HYE035	KEY	2 N.		C	
26	DCC005	PLUG	1 N.			
28	CAC156	BEARING	2 N.			
29	163000	RING	1 N.			
30	GAL275	O-RING	1 N.		C	
31	GAL243	O-RING	1 N.		C	
32	CHA006	LOCK RING	1 N.			
33	CHB006	LOCKWASHER	1 N.			
34	VHM482	WASHER	1 N.			
35	HRP320	NUT	1 N.			

** FILL WITH GREASE EPO 10mm FROM PLUG

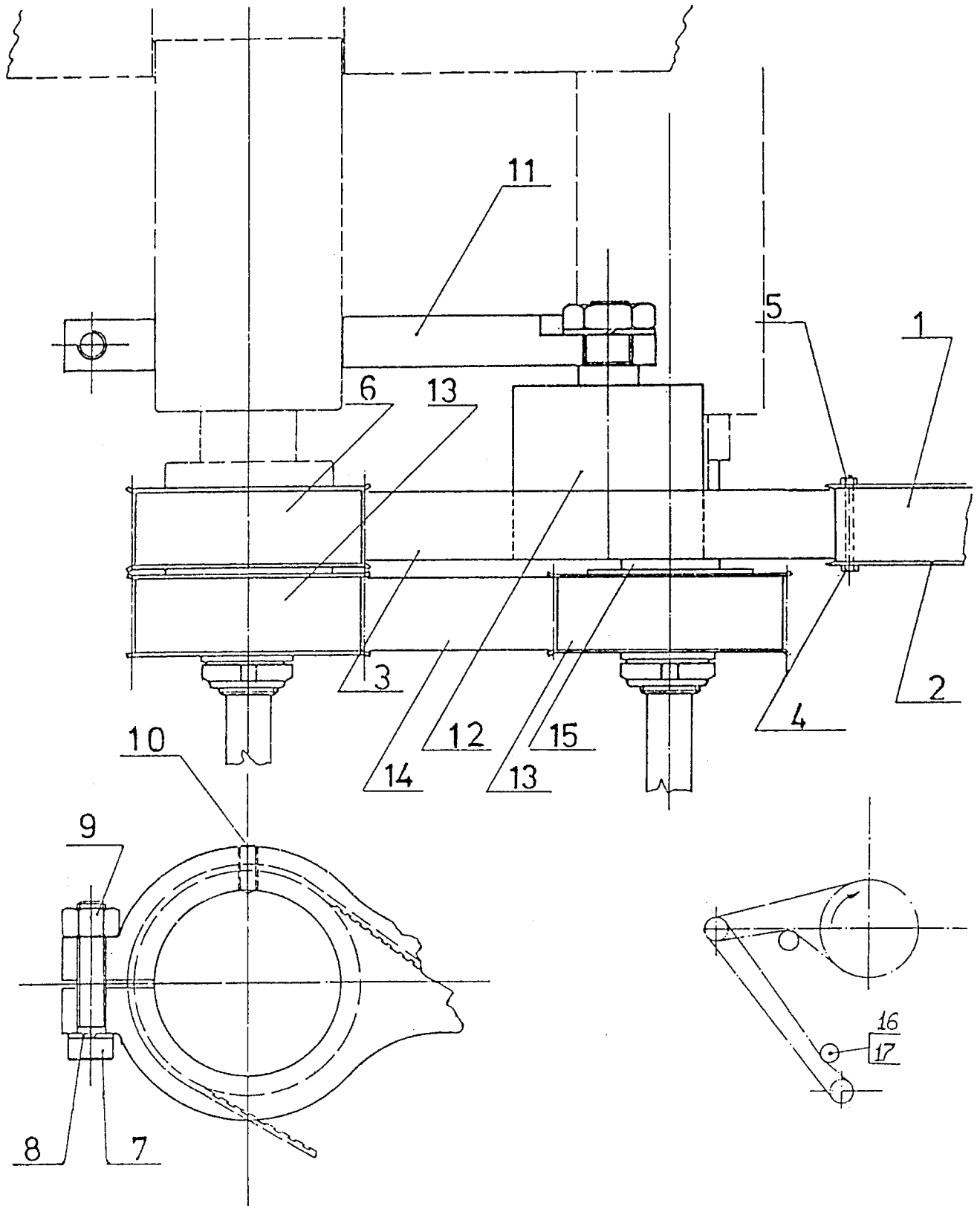




RAA415 * 463C * EUROSTAR

PART LIST
XR04UP009R**DESIGNATION**
PULLEY**DRAWING 238515**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	164890/003	PULLEY	1 N.			
3	TLB360	BELT	1 N.		C	
6	452014	PULLEY	1 N.			
7	HBG140	SCREW	1 N.			
8	HHF112	SPRINGWASHER	1 N.			
9	HHA012	NUT	1 N.			
10	HFS020	SET SCREW	1 N.			
11	156806	LEVER	1 N.			
12	CEB201	ROLLER	1 N.			
13	181380	PULLEY	2 N.			
14	TLB450	BELT	1 N.		C	
15	9024D025A044	SPACER	1 N.			
16	216801	LEVER	1 N.			
17	CEB201	ROLLER	1 N.			



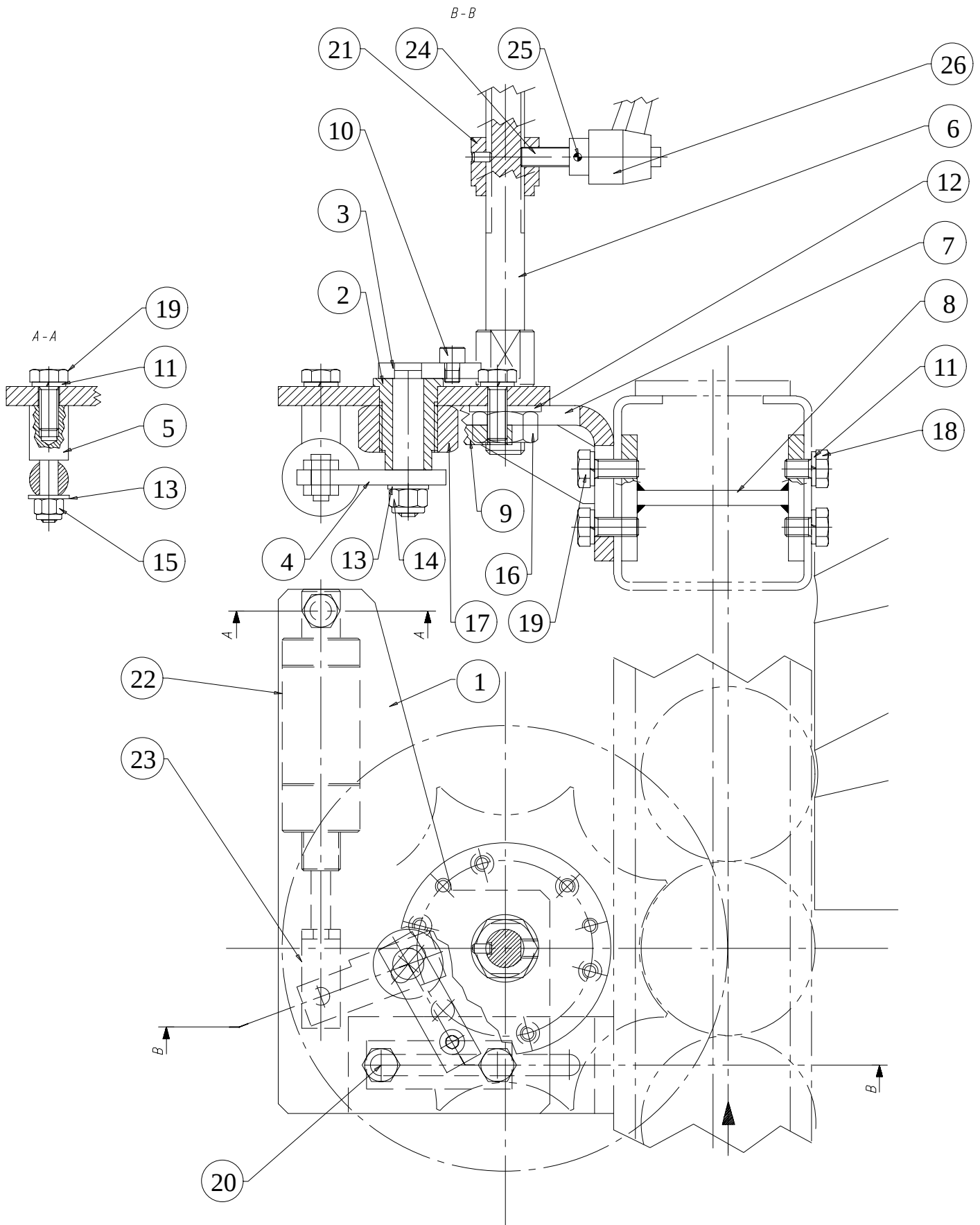


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PART LIST
XR04AA051C**DESIGNATION**
BOTTLE STOP STARWHEEL

DRAWING 273947

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	122615	PLATE	1 N.			
2	122616	BUSHING	1 N.			
3	189123	LEVER	1 N.			
4	143710	SUPPORT	1 N.			
5	122620	SUPPORT	1 N.			
6	184711	SHAFT	1 N.			
7	120780	SUPPORT	1 N.			
8	186432	SPACER	1 N.			
9	123887	PLATE	1 N.			
10	HME110	SCREW	1 N.			
11	HRU110	SPRINGWASHER	7 N.			
12	HRU020	WASHER	1 N.			
13	HRU010	WASHER	2 N.			
14	HRR010	SELFLOCKING NUT	1 N.			
15	HRR008	SELFLOCKING NUT	1 N.			
16	HRP020	NUT	1 N.			
17	HRP030	NUT	1 N.			
18	HLF016	SCREW	2 N.			
19	HLF024	SCREW	3 N.			
20	HLF026	SCREW	2 N.			
21	184714	CENTERING GUIDE	1 N.			
22	PAD420	PNEUMATIC CYLINDER	1 N.		C	
23	PAE110	HINGE	1 N.			
24	HRN010L00040	BAR	1 N.			
25	HSK006	PEG	1 N.			
26	VAH208	HANDLE	1 N.			

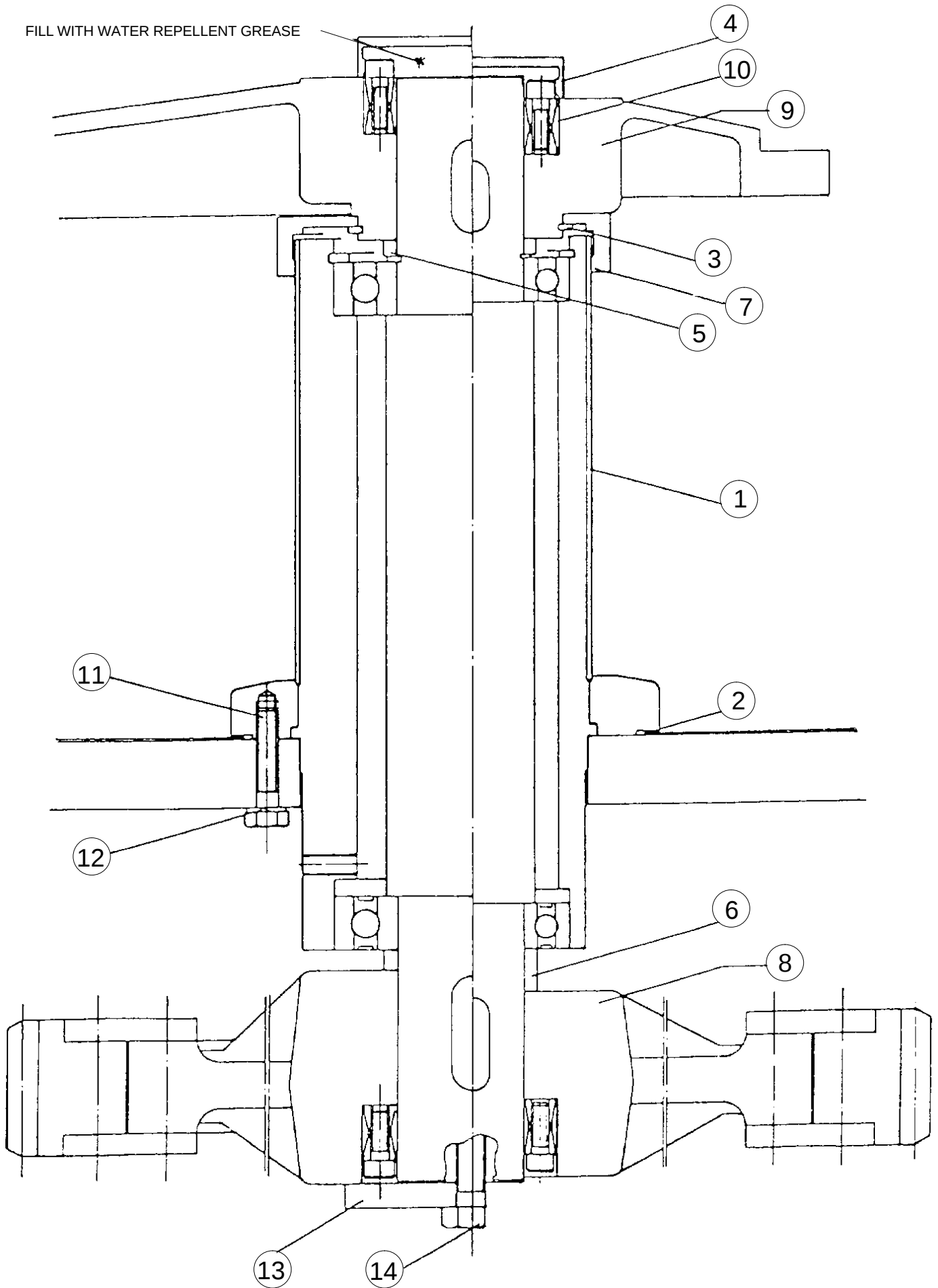




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PART LIST
XR05AA092B**DESIGNATION**
STARWHEEL CONTROL**DRAWING 160245**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	XR05AA091A	STARWHEEL CONTROL PREM.	1 N.			
2	GFB950	GASKET	1 N.			
3	HZC080	EXTERNAL RETAINING RING	1 N.			
4	160256/001	COVER	1 N.			
5	142895/012	SPACER	1 N.			
6	142895/007	SPACER	1 N.			
7	155719	PROTECTION	1 N.			
8	160240	GEAR	1 N.			
9	160060/001	HUB	1 N.			
10	TFE110	TAPER BUSH	2 N.			
11	HAF134	SCREW	4 N.			
12	HHF110	SPRINGWASHER	4 N.			
13	162688	PLATE	1 N.			
14	HAH026	SCREW	1 N.			

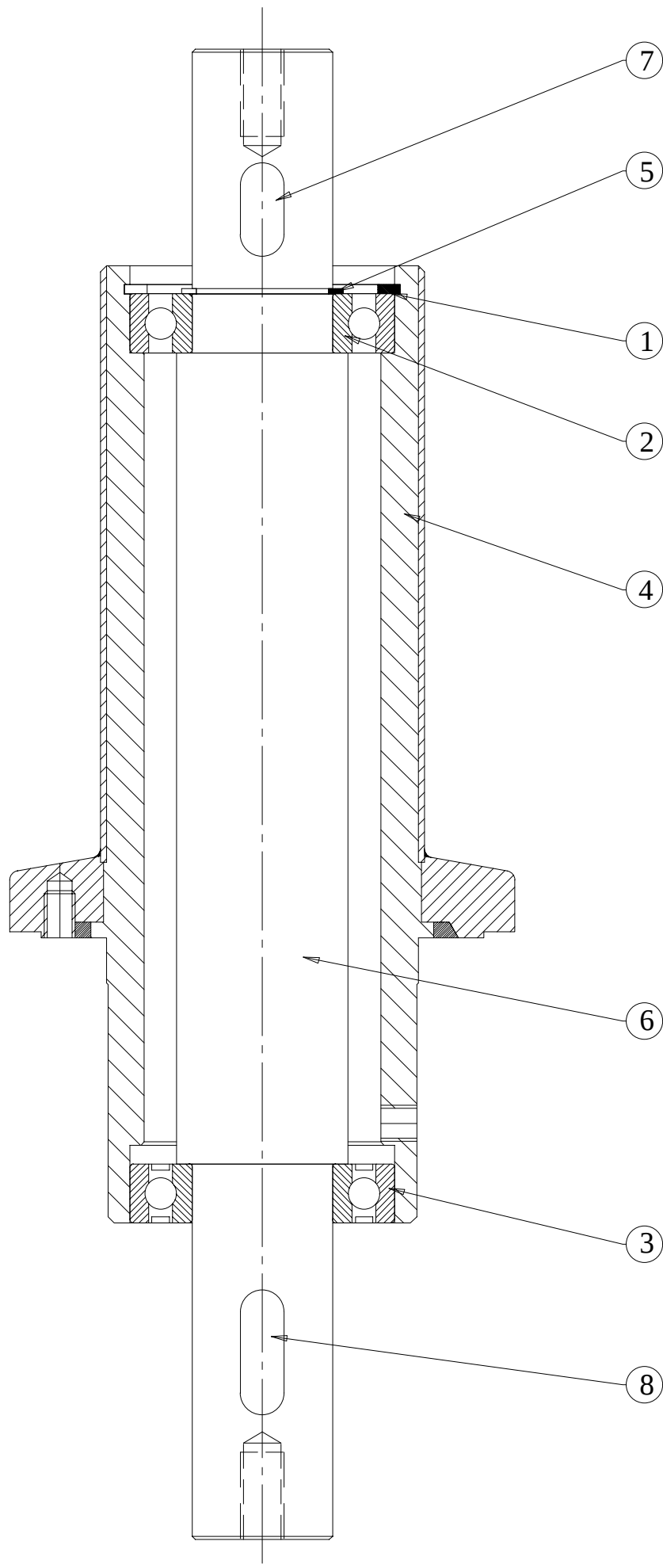




RAA415 * 463C * EUROSTAR

PART LIST
XR05AA091A**DESIGNATION**
STARWHEEL CONTROL PREM.**DRAWING 160246**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	HZA085	INTERNAL RETAINING RING	1 N.			
2	CAA479	BEARING	1 N.		C	
3	CAA569	BEARING	1 N.		C	
4	155714	SUPPORT	1 N.			
5	HZC045	EXTERNAL RETAINING RING	1 N.			
6	160244	SHAFT	1 N.			
7	HXH030	KEY	1 N.			
8	HXH040	KEY	1 N.			

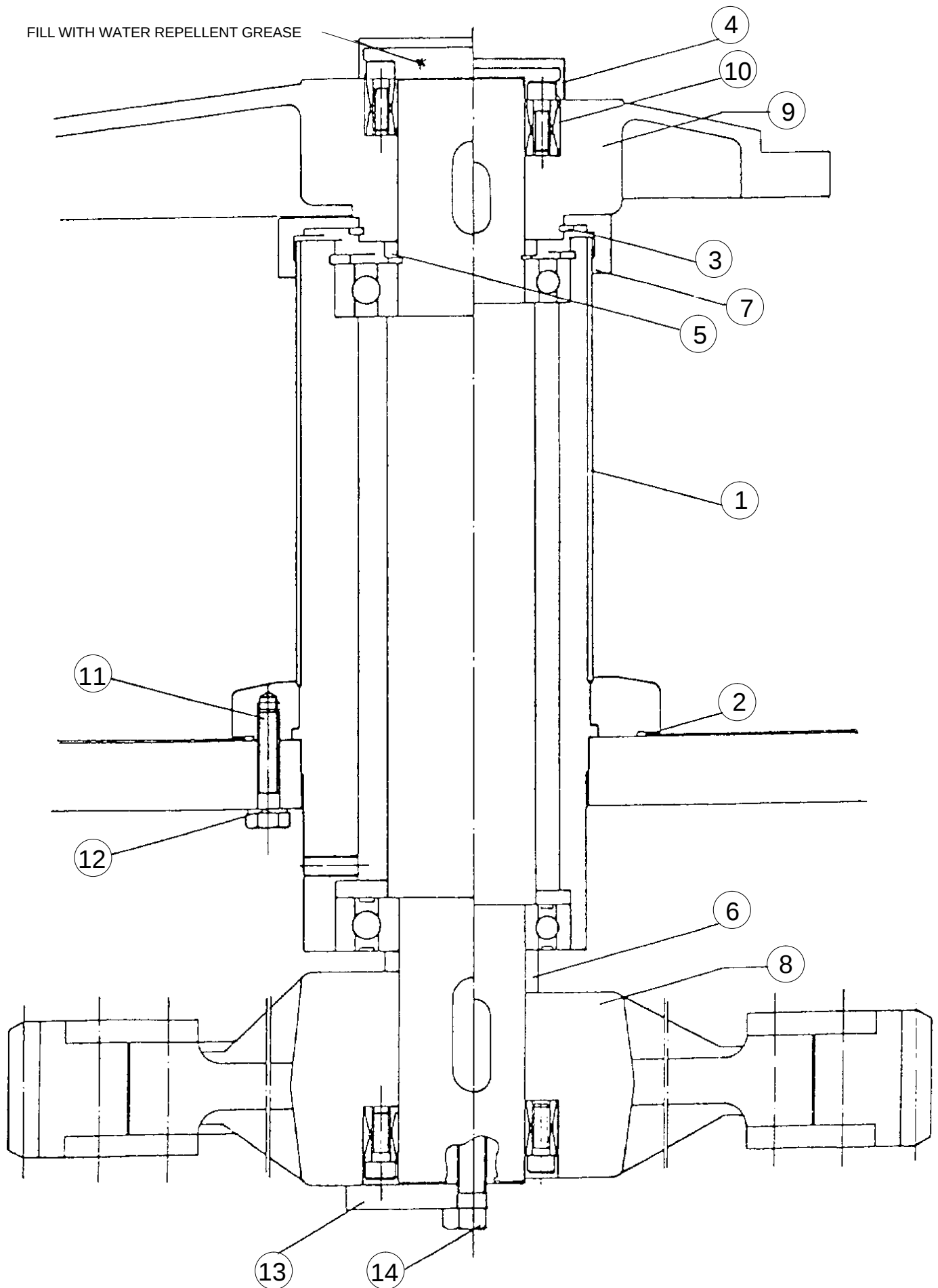




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PART LIST
XR05AA092C**DESIGNATION**
PD.875 STARWHEEL CONTROL**DRAWING 160245**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	XR05AA091B	STARWHEEL CONTROL PREM.	1 N.			
2	GFB950	GASKET	1 N.			
3	HZC100	EXTERNAL RETAINING RING	1 N.			
4	160256/002	COVER	1 N.			
5	160232/002	SPACER	1 N.			
6	160232/001	SPACER	1 N.			
7	160234	PROTECTION	1 N.			
8	160241	GEAR	1 N.			
9	160060/002	HUB	1 N.			
10	TFE120	TAPER BUSH	2 N.			
11	HAF134	SCREW	4 N.			
12	HHF110	SPRINGWASHER	4 N.			
13	162688	PLATE	1 N.			
14	HAH026	SCREW	1 N.			

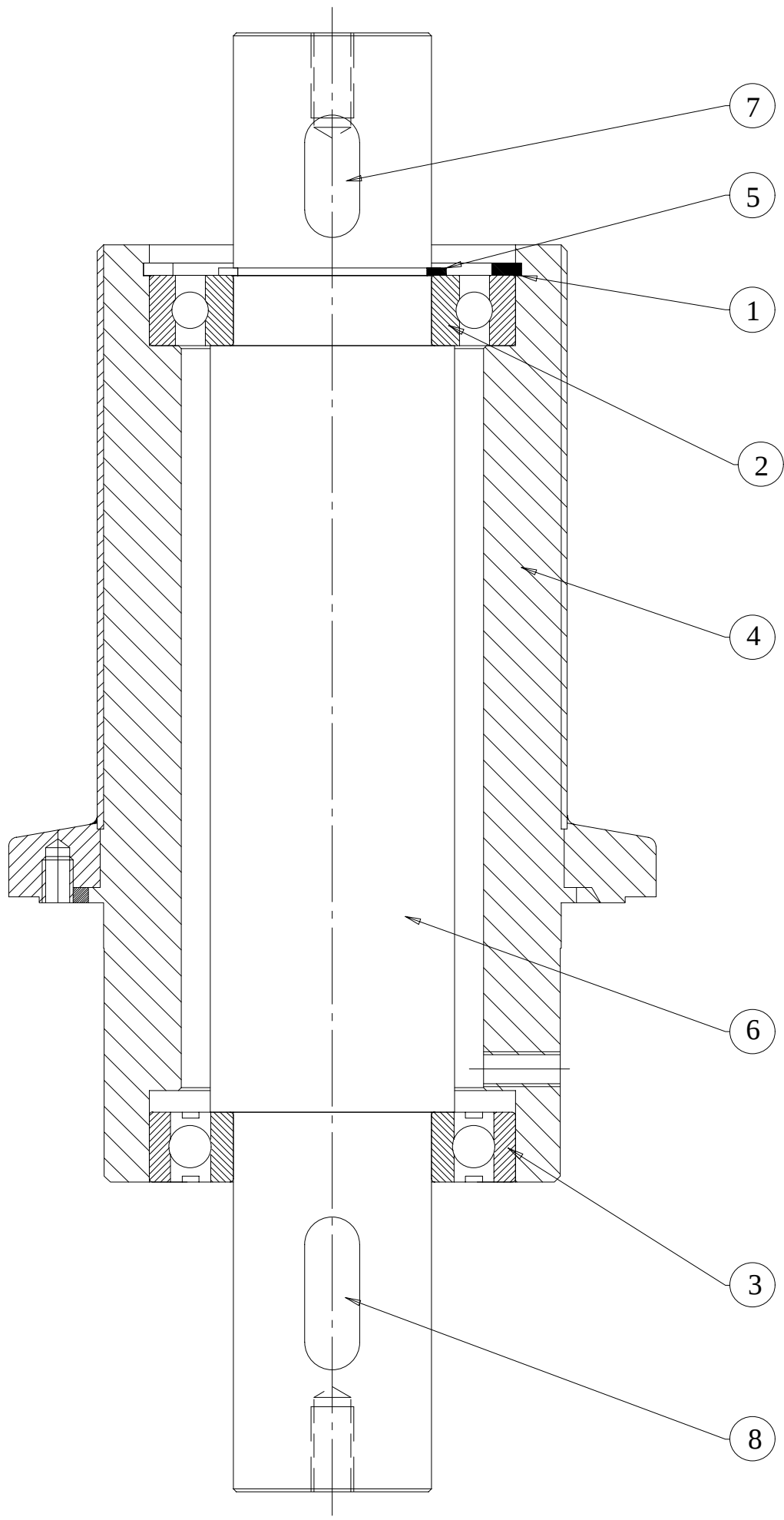




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PART LIST
XR05AA091B**DESIGNATION**
STARWHEEL CONTROL PREM.*DRAWING 273941*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	HZA120	INTERNAL RETAINING RING	1 N.			
2	CAA483	BEARING	1 N.			
3	CAA573	BEARING	1 N.			
4	160238	SUPPORT	1 N.			
5	HZC065	EXTERNAL RETAINING RING	1 N.			
6	160243	SHAFT	1 N.			
7	HXK040	KEY	1 N.			
8	HXK050	KEY	1 N.			

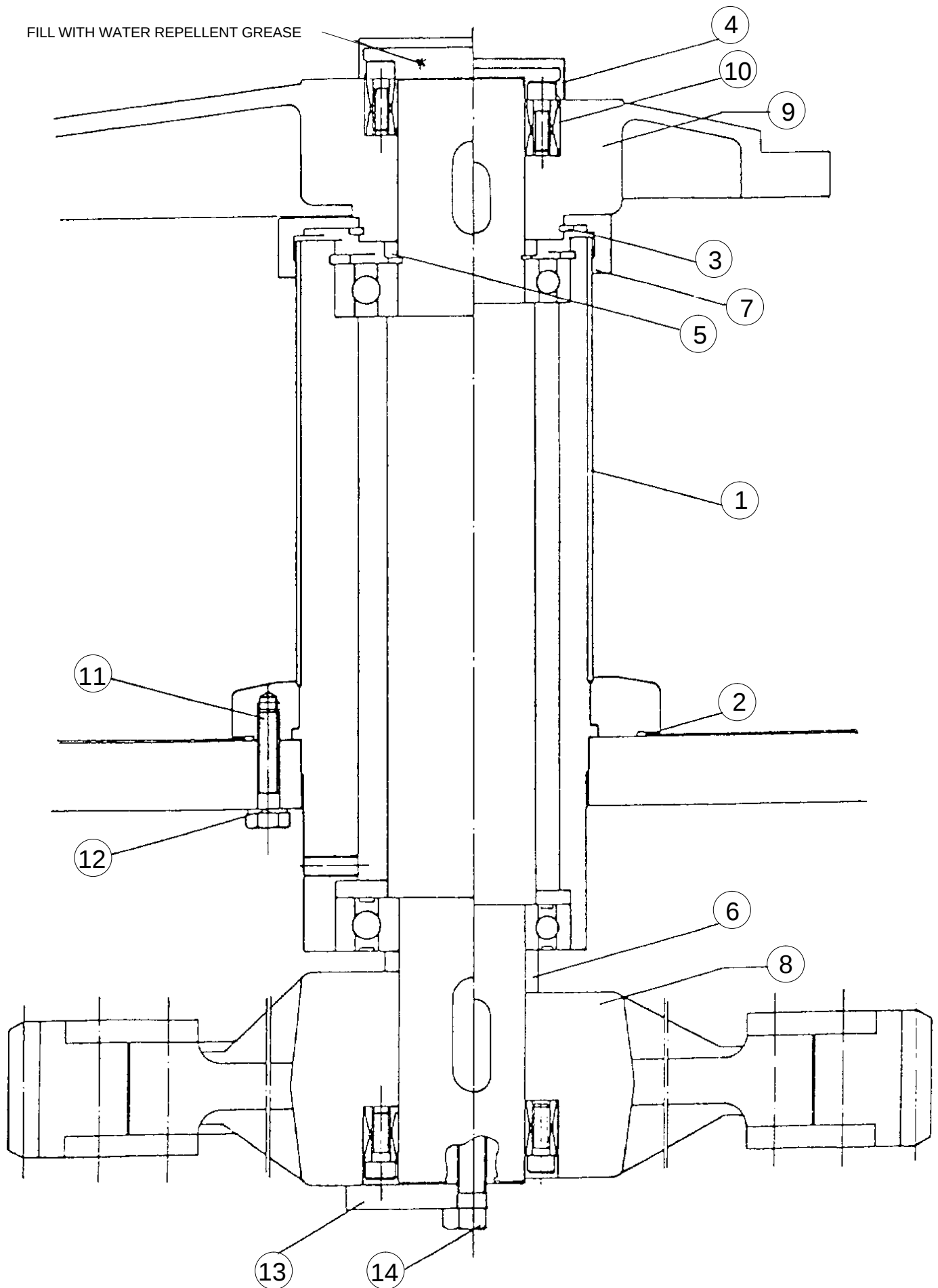




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PART LIST
XR05AA092A**DESIGNATION**
PD.525 STARWHEEL CONTROL**DRAWING 160245**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	XR05AA091A	STARWHEEL CONTROL PREM.	1 N.			
2	GFB950	GASKET	1 N.			
3	HZC080	EXTERNAL RETAINING RING	1 N.			
4	160256/001	COVER	1 N.			
5	142895/012	SPACER	1 N.			
6	142895/006	SPACER	1 N.			
7	155719	PROTECTION	1 N.			
8	160239	GEAR	1 N.			
9	160059/001	HUB	1 N.			
10	TFE110	TAPER BUSH	2 N.			
11	HAF134	SCREW	4 N.			
12	HHF110	SPRINGWASHER	4 N.			
13	162688	PLATE	1 N.			
14	HAH026	SCREW	1 N.			

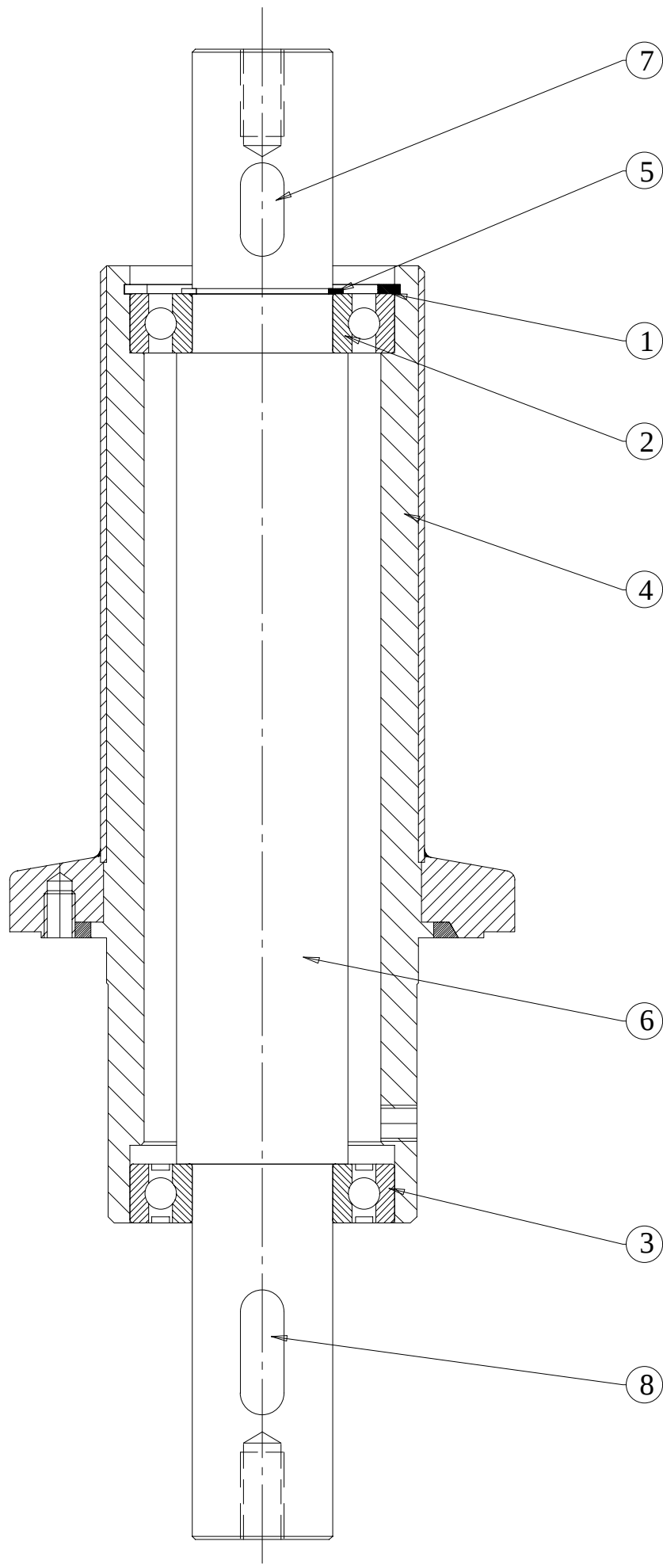




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PART LIST
XR05AA091A**DESIGNATION**
STARWHEEL CONTROL PREM.**DRAWING 160246**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	HZA085	INTERNAL RETAINING RING	1 N.			
2	CAA479	BEARING	1 N.		C	
3	CAA569	BEARING	1 N.		C	
4	155714	SUPPORT	1 N.			
5	HZC045	EXTERNAL RETAINING RING	1 N.			
6	160244	SHAFT	1 N.			
7	HXH030	KEY	1 N.			
8	HXH040	KEY	1 N.			

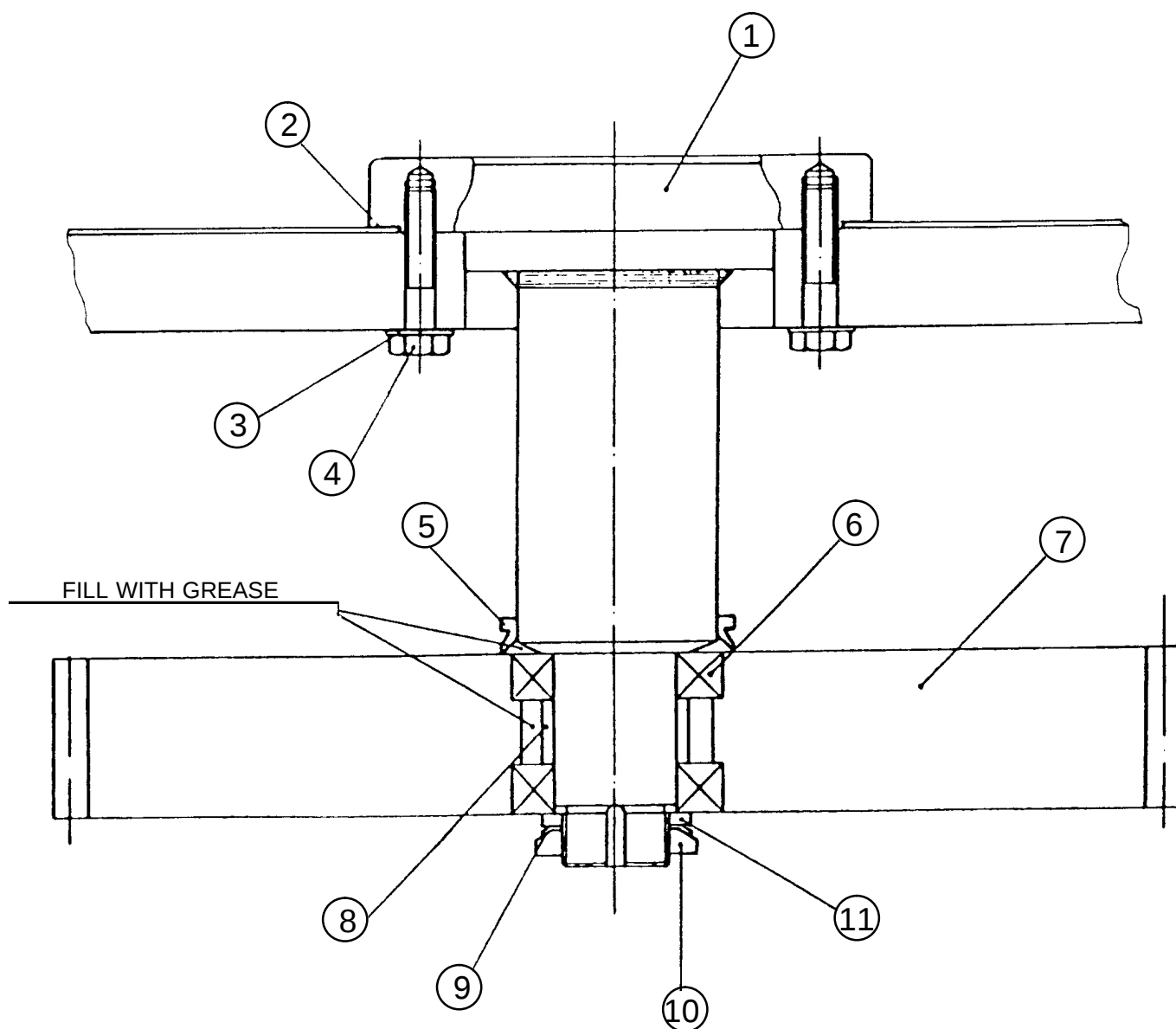




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PART LIST
XR05AA095A**DESIGNATION**
IDLE GEAR*DRAWING 173070*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	178255	PIN	1 N.			
2	GFB950	GASKET	1 N.			
3	HHF110	SPRINGWASHER	4 N.			
4	HAF134	SCREW	4 N.			
5	GAA170	V-RING	1 N.			
6	CAA569	BEARING	2 N.		C	
7	178257	GEAR	1 N.			
8	012119/166	SPACER	1 N.			
9	CHB008	LOCKWASHER	1 N.			
10	CHA008	LOCK RING	1 N.			
11	002962/337	SPACER	1 N.			





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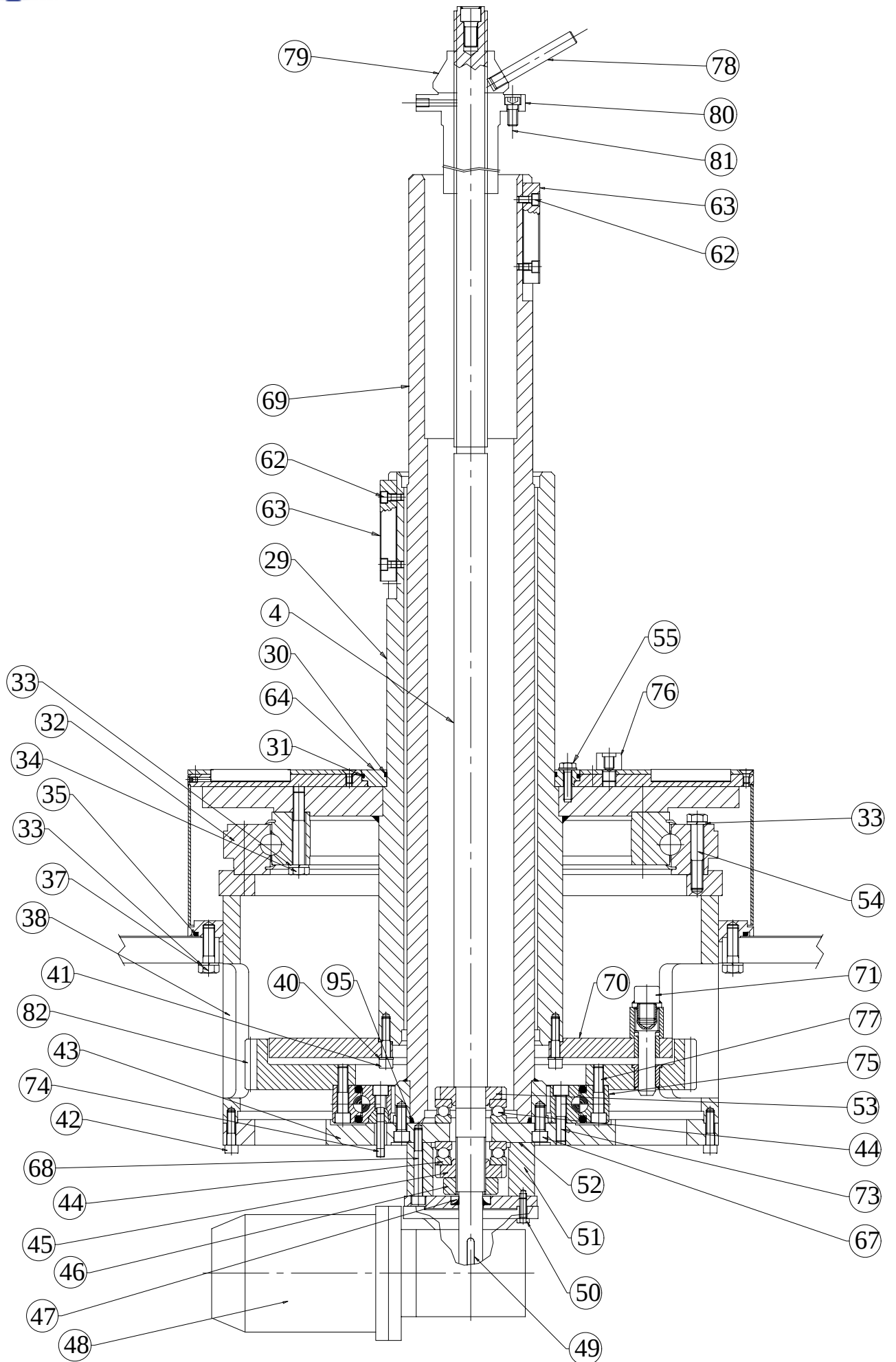
PART LIST
XR06AA068A**DESIGNATION**
CAPPER FRAME

DRAWING 183253

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
4	178713	ADJUSTMENT SCREW	1 N.			
29	170185	SHAFT	1 N.			
30	GAM775	O-RING	1 N.			
31	GAU001	O-RING	1 N.		C	
32	CZA995	SLEWING RING	1 N.			
33	HHF114	SPRINGWASHER	23 N.			
34	HAH152	SCREW	6 N.			
35	170210	RING	1 N.		C	
37	HAH034	SCREW	8 N.			
38	170209	SUPPORT	1 N.			
40	HHF110	SPRINGWASHER	8 N.			
41	HBF130	SCREW	8 N.			
42	HBF132	SCREW	12 N.			
43	170188	FLANGE	1 N.			
44	CAE109	BEARING	2 N.			
45	033530	LOCK RING	1 N.			
46	012332/004	LOCK RING	1 N.			
47	GCD066	SEAL RING	1 N.		C	
48	MWW995	AC MOTOR	1 N.			
48	RLA504	MOTOREDUCER	1 N.			
49	HXE060	KEY	1 N.			
50	HAE024	SCREW	4 N.			
51	159644	SUPPORT	1 N.			
52	9514D125D002	GASKET	1 N.			
53	033529	FLANGE	1 N.			
54	HBH148	SCREW	9 N.			
55	HLF132	SCREW	8 N.			
62	HME116	SCREW	4 N.			
63	170180	TAB	2 N.			
64	183254	STOP	1 N.			
67	HBG126	SCREW	12 N.			
68	HBF148	SCREW	4 N.			
69	170186	PIN	1 N.			
70	175986	DISK	1 N.			
71	123936	PEG	1 N.			
73	HBG138	SCREW	4 N.			
74	103499	PIPE	2 N.			
75	CZA953	SLEWING RING	1 N.			
76	172428	STUD	6 N.			
77	HBG138	SCREW	8 N.			

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POS.	ITEM	DESIGNATION	Q.TY	S	R	K
78	036253	HANDLE	3 N.			
79	036254	NUT	1 N.			
80	LCA032	GREASING NIPPLE	1 N.		C	
80	033560	HUB	1 N.			
81	HBG124	SCREW	8 N.			
82	175985	GEAR	1 N.			
95	9524D165D002	GASKET	1 N.			

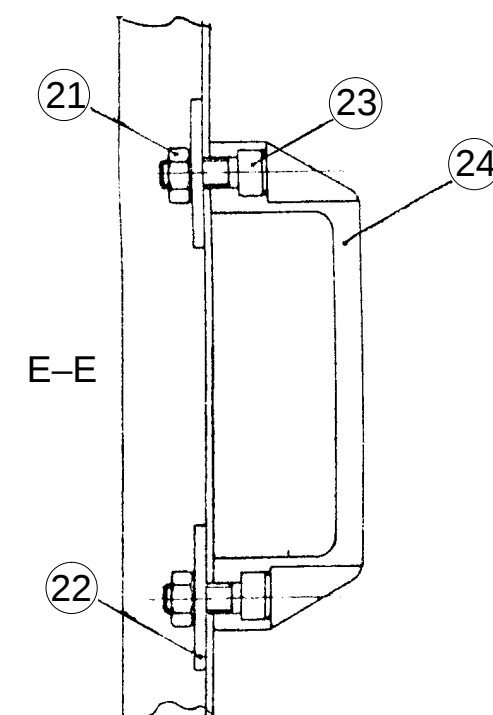
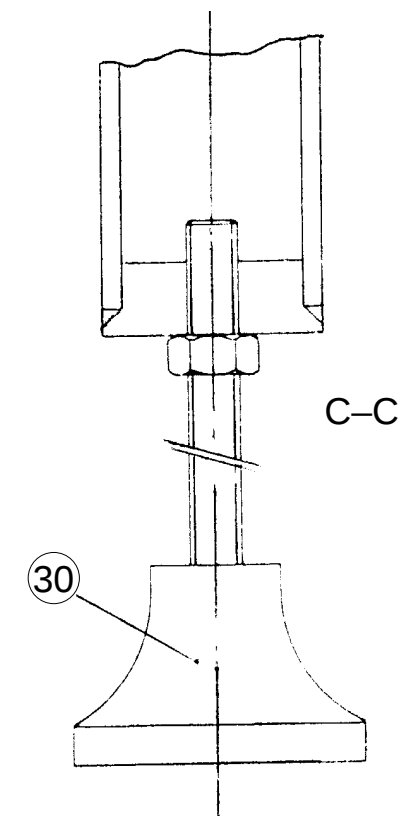
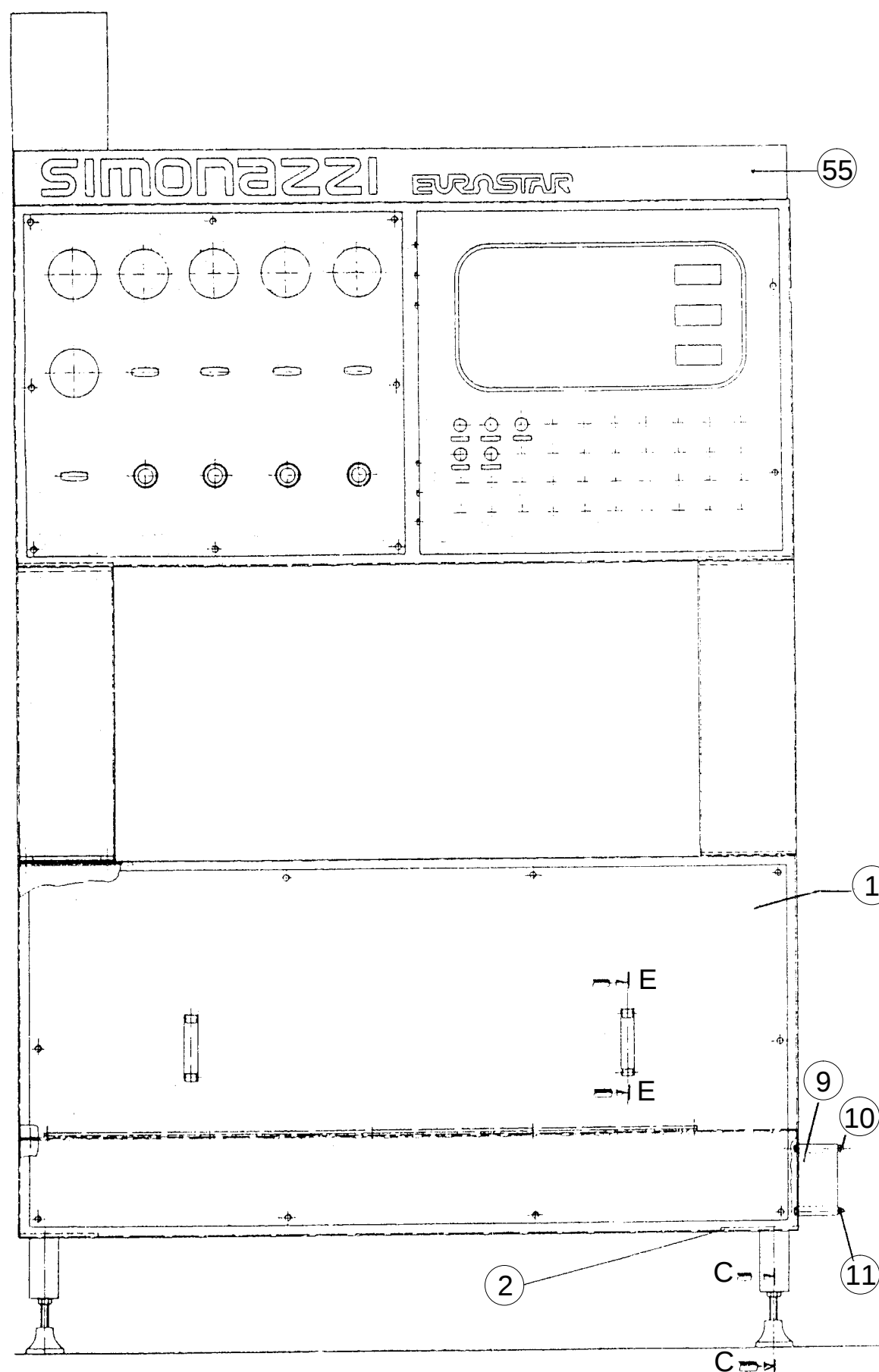




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PART LIST
XR12AA054A**DESIGNATION**
CONTROL CABINET*DRAWING 198480*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	EAA757	CONTROL PANEL	1 N.			
2	198493	PANEL	1 N.			
9	145665	CABLE GLAND	1 N.			
10	HLD152	SCREW	4 N.			
11	HRP006	NUT	8 N.			
21	HRP008	NUT	8 N.			
22	005103/048	WASHER	8 N.			
23	HME122	SCREW	8 N.			
24	VAH191	HANDLE	4 N.			
30	GZC527	FOOT	4 N.			
55	147707	SUPPORT	1 N.			





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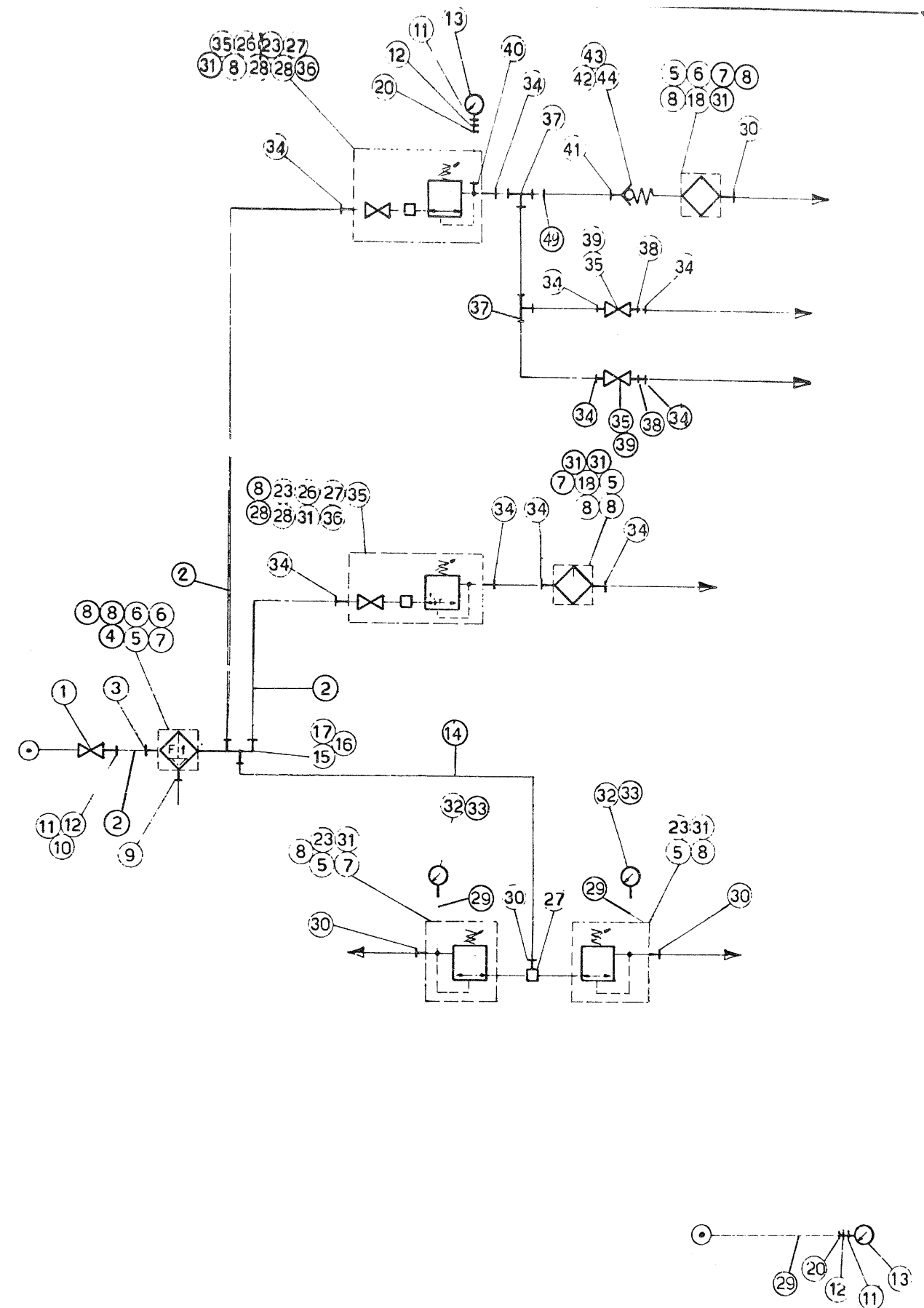
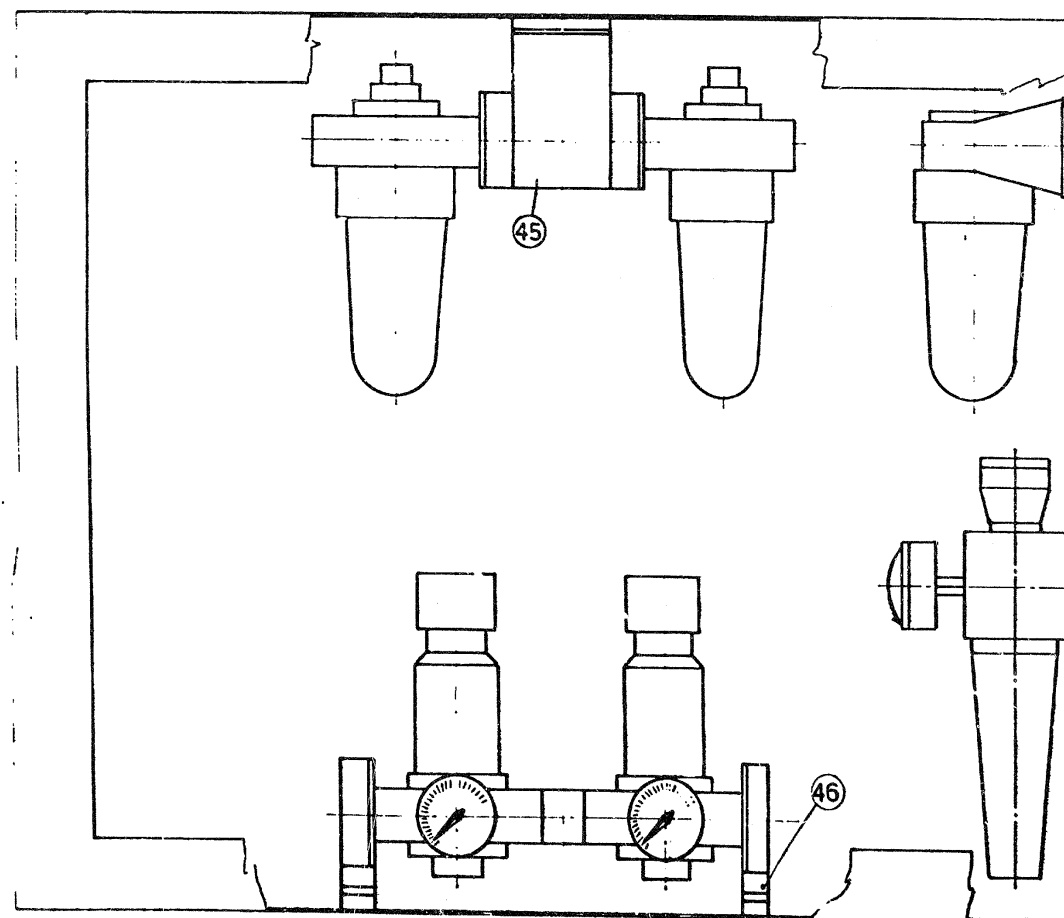
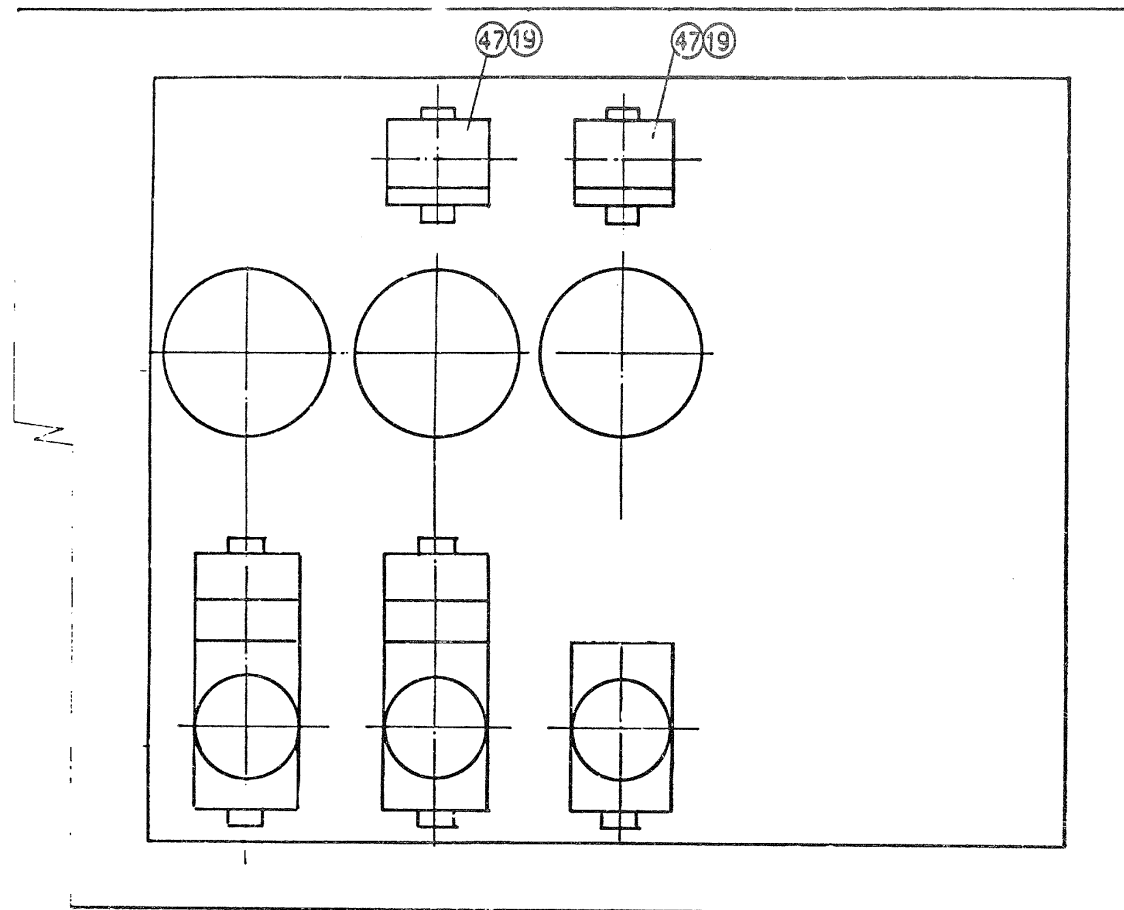
PART LIST
XR12AA578D**DESIGNATION**
PANEL PNEUMATIC UNIT

DRAWING 220029

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	DQC020	VALVE	1 N.			
2	PAC070	HOSE	5 MT			
3	PAA160	CONNECTION	1 N.			
4	PBA110	FILTER	1 N.		C	K
KIT	PBC995	SPARE PARTS KIT	N.			
5	PBV110	YOKE	5 N.			
6	PBV220	INSERT	3 N.			
7	285693	BRACKET	4 N.			
8	HSN010	ELASTIC PIN	10 N.			
9	PAA384	CONNECTION	1 N.		C	
10	DCF020	NIPPLE	1 N.			
11	DCE020	CONNECTION	3 N.			
12	PAA391	CONNECTION	3 N.			
13	SBG470	PRESSURE GAUGE	2 N.		C	
14	PAC040	HOSE	3 MT			
15	PAA502	CONNECTION	1 N.			
16	PAA514	CONNECTION	2 N.			
17	PAA513	CONNECTION	1 N.			
18	PBD110	LUBRICATOR	2 N.		C	K
KIT	PDC909	SPARE PARTS KIT	N.			
19	152245	SUPPORT	1 N.			
20	PAA352	CONNECTION	2 N.			
23	PBC310	REGULATOR	4 N.		C	K
KIT	PBC990	SPARE PARTS KIT	N.			
26	PBV120	YOKE	3 N.			
27	PBV410	SUB BASE	3 N.			
28	HMD144	SCREW	4 N.			
29	PAC020	HOSE	3 MT			
30	PAA157	CONNECTION	5 N.		C	
31	PBV230	INSERT	7 N.			
32	PBF013	PRESSURE GAUGE	2 N.		C	
33	LBA010	END CAP	2 N.			
34	PAA159	CONNECTION	10 N.		C	
35	PAL510	VALVE	3 N.			
36	PAA022	PLUG	2 N.			
37	PAA114	CONNECTION	2 N.		C	
38	DAN030	REDUCTION	1 N.			
39	PBV310	CONNECTOR	1 N.			
41	PAA388	CONNECTION	1 N.		C	
42	PAL261	VALVE	1 N.			

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POS.	ITEM	DESIGNATION	Q.TY	S	R	K
43	DGB015	NIPPLE	1 N.			
44	DGE015	ELBOW	1 N.			
45	080730	SUPPORT	1 N.			
46	143178	SUPPORT	2 N.			
47	152244	SUPPORT	1 N.			
48	PAA360	CONNECTION	1 N.		C	



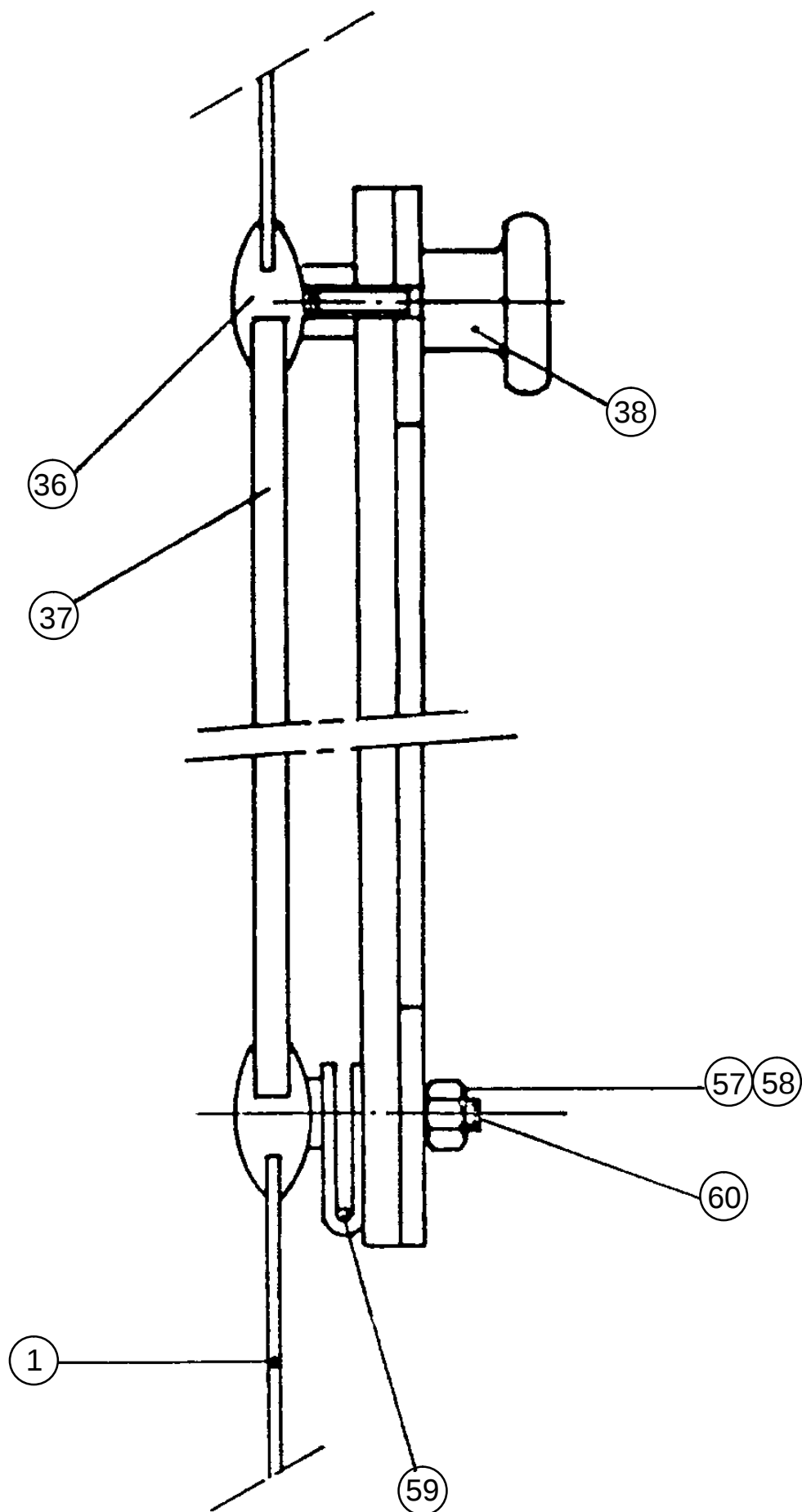


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PART LIST
XR12BC505G**DESIGNATION**
PANEL

DRAWING 196658

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	219498	PANEL	1 N.			
35	156302	REINFORCEMENT	1 N.			
36	GFB164	PROFILE	2 MT			
37	156303	PANEL	1 N.			
38	VAH070	HANDLE	4 N.			
57	HNR020	SCREW	3 N.			
58	HRP006	NUT	3 N.			
59	200403	HINGE	1 N.			
60	HNR010	SCREW	2 N.			





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PART LIST
XR12AA569T

DESIGNATION
SYNOPTIC

DRAWING

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
	SDA152	DIGITAL INDICATOR	1 N.			
	220498	SYNOPTIC	1 N.			



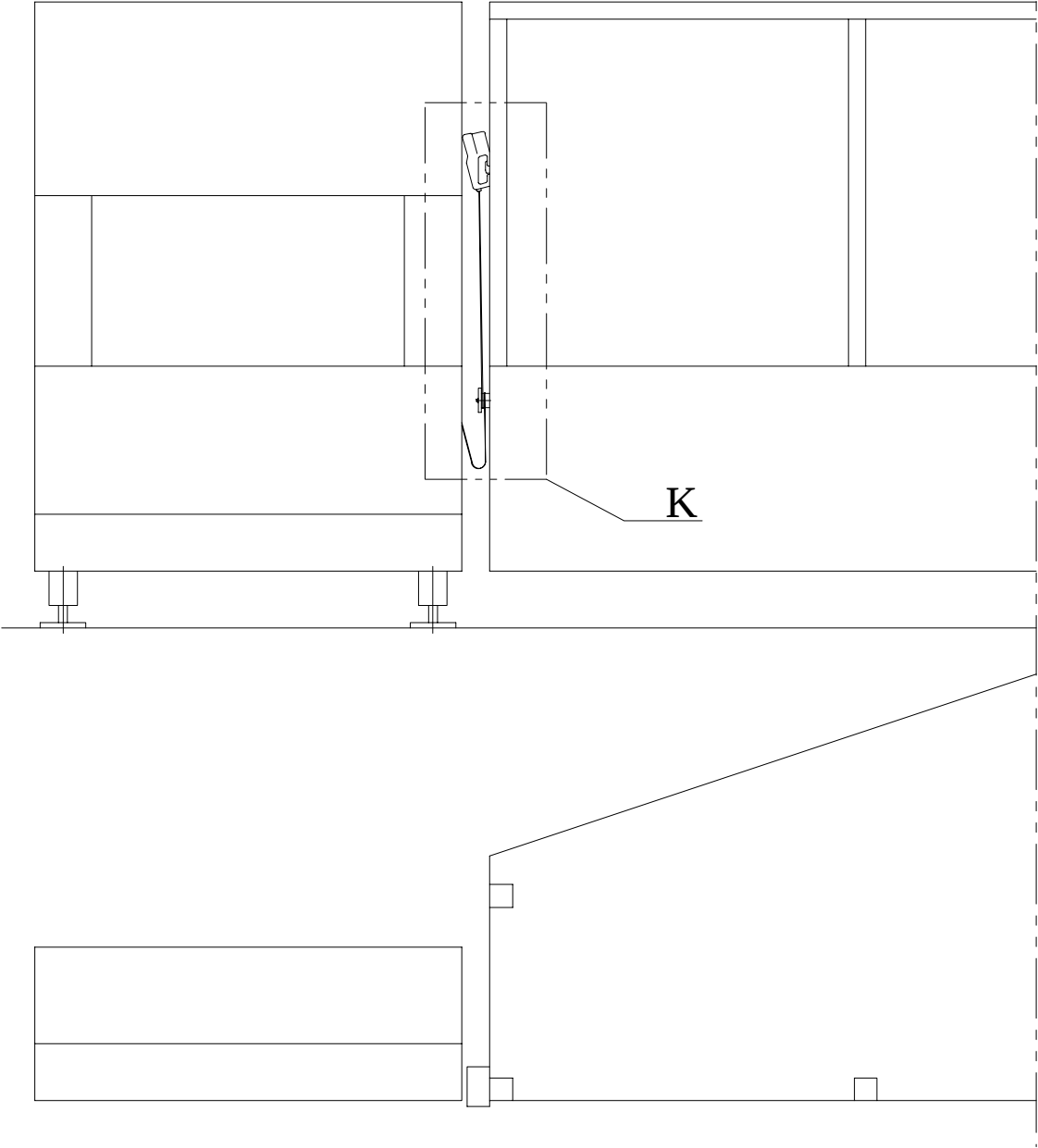
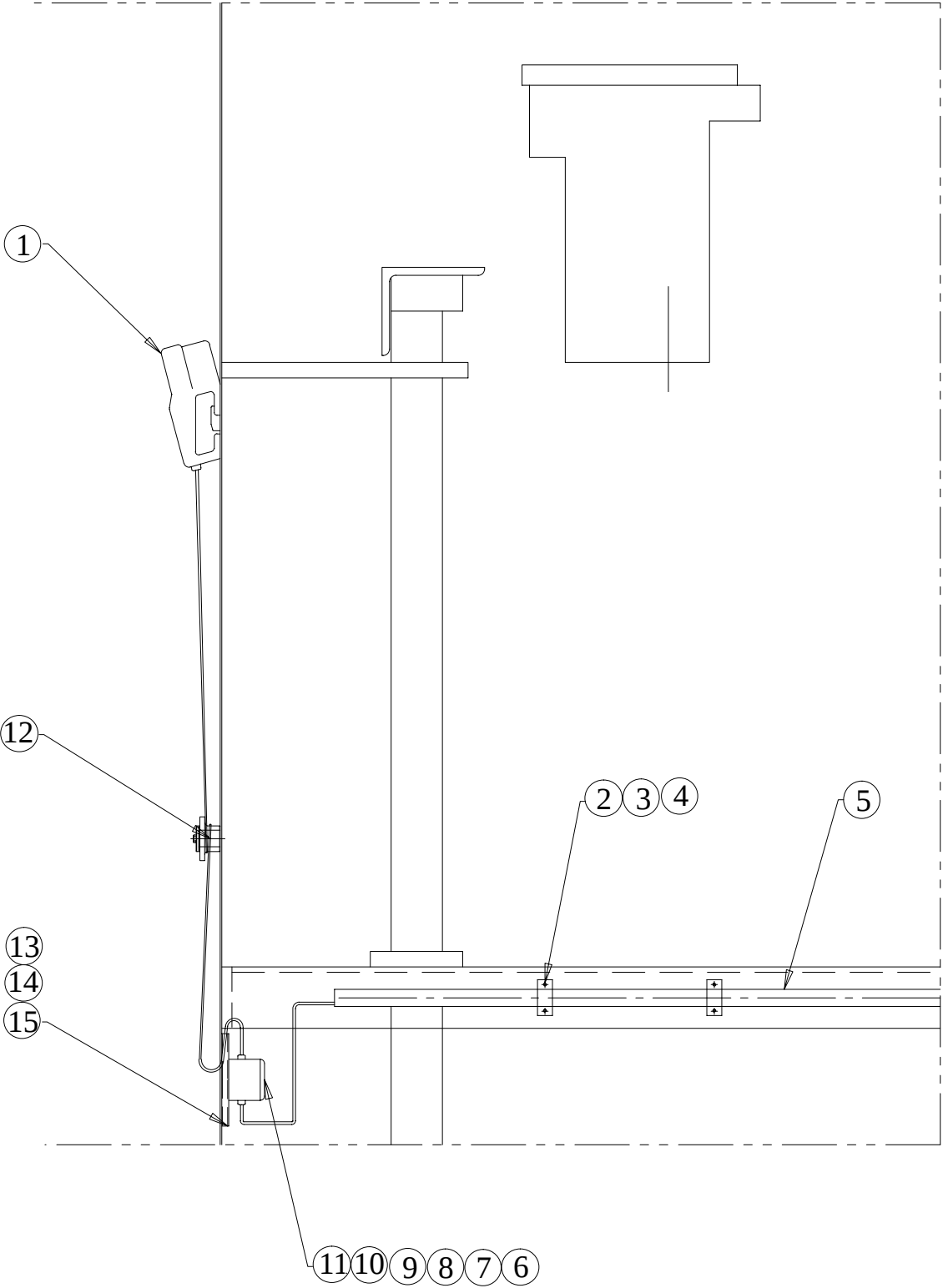
RAA415 * 463C * EUROSTAR

PART LIST
XR12AA062A**DESIGNATION**
PUSHBUTTON PANEL

DRAWING 268568

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	EEM420	PUSHBUTTON PANEL	2 N.			
2	EED050	COLLAR	3 N.			
3	HMD136	SCREW	6 N.			
4	174702	PLATE	3 N.			
5	ZAU182	PIPE	1500 MM			
6	EAP401	CABLE GLAND	4 N.			
7	EBE113	CLAMP	4 N.			
8	EBE220	PLATE	1 N.			
9	EBE303	TERMINAL	2 N.			
10	192830/003	SUPPORT	2 N.			
11	208450	BOX	1 N.			
12	XR12AA534B	ROLLER	1 N.			
13	EAH633	NUT	4 N.			
14	HPD024	SCREW	4 N.			
15	166256/003	SUPPORT	2 N.			

K

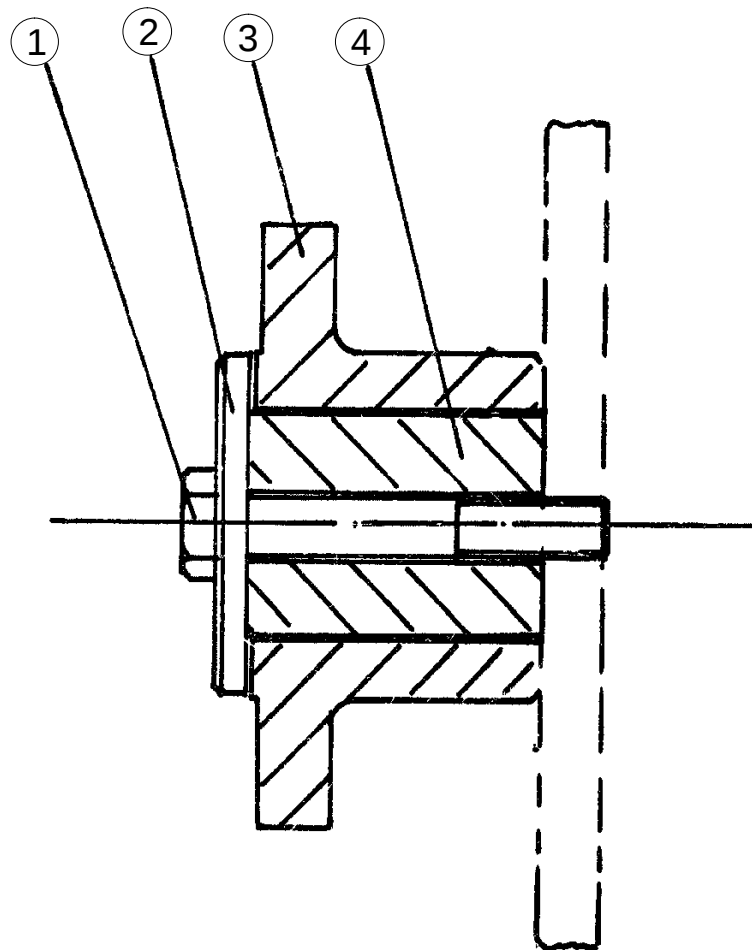




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PART LIST
XR12AA534B**DESIGNATION**
ROLLER*DRAWING 216315*

<i>POS.</i>	<i>ITEM</i>	<i>DESIGNATION</i>	<i>Q.TY</i>	<i>S</i>	<i>R</i>	<i>K</i>
1	HLE140	SCREW	2 N.			
2	005103/094	WASHER	2 N.			
3	TRN726	ROLLER	2 N.			
4	216316	SPACER	2 N.			

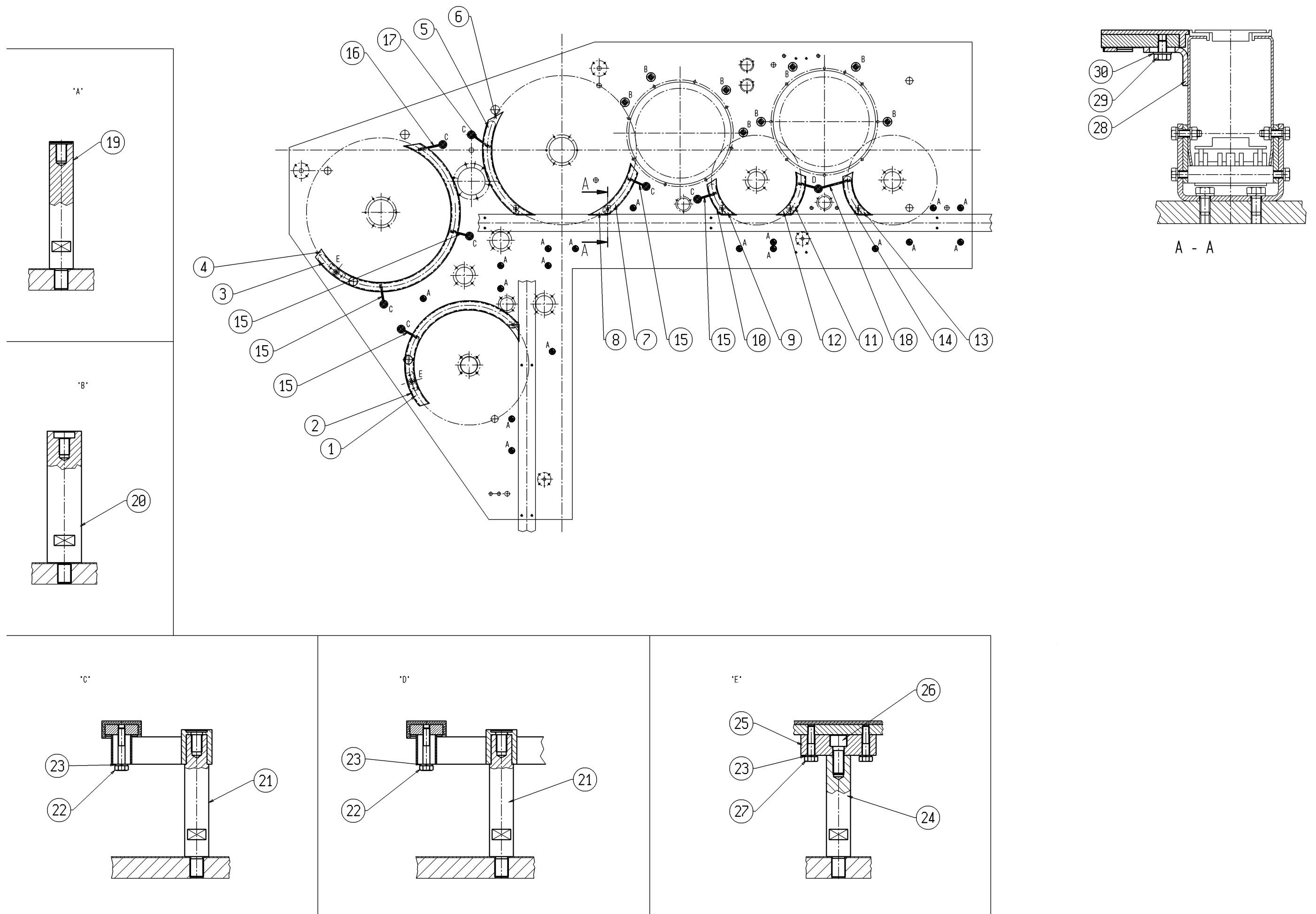




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PART LIST
XR13UP009T**DESIGNATION**
RIDE TRACK**DRAWING 444132**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	444099	RIDE TRACK	1 N.			
2	444101	COVERING	1 N.			
3	444102	RIDE TRACK	1 N.			
4	444103	COVERING	1 N.			
5	444104	RIDE TRACK	1 N.			
6	444105	COVERING	1 N.			
7	444124	RIDE TRACK	1 N.			
8	444125	COVERING	1 N.			
9	444126	RIDE TRACK	1 N.			
10	444127	COVERING	1 N.			
11	444128	RIDE TRACK	1 N.			
12	444129	COVERING	1 N.			
13	444130	RIDE TRACK	1 N.			
14	444131	COVERING	1 N.			
15	136544/021	BRACKET	5 N.			
16	136544/018	BRACKET	1 N.			
17	136544/007	BRACKET	1 N.			
18	136580/096	BRACKET	1 N.			
19	162699/001	STUD	18 N.			
20	177987/001	STUD	8 N.			
21	162700	STUD	8 N.			
22	HLF138	SCREW	9 N.			
23	HRU110	SPRINGWASHER	13 N.			
24	162699/012	STUD	2 N.			
25	184147	PLATE	2 N.			
26	HMJ132	SCREW	2 N.			
27	HLF134	SCREW	4 N.			
28	136599	REINFORCEMENT	6 N.			
29	HLF016	SCREW	6 N.			
30	HRU010	WASHER	6 N.			



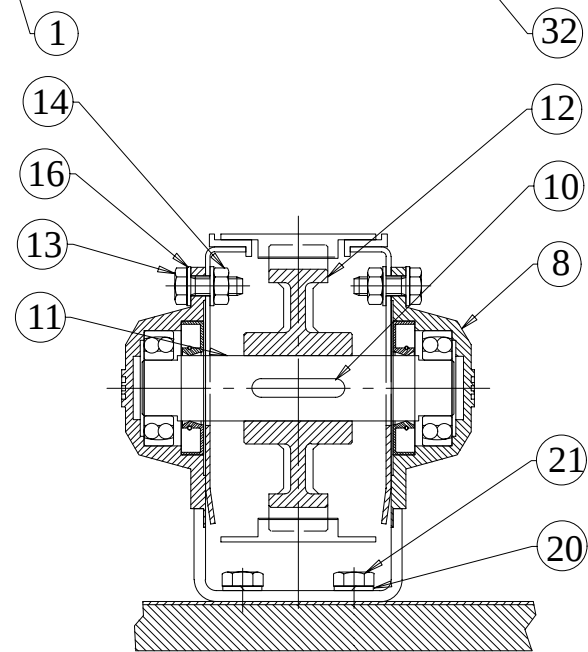
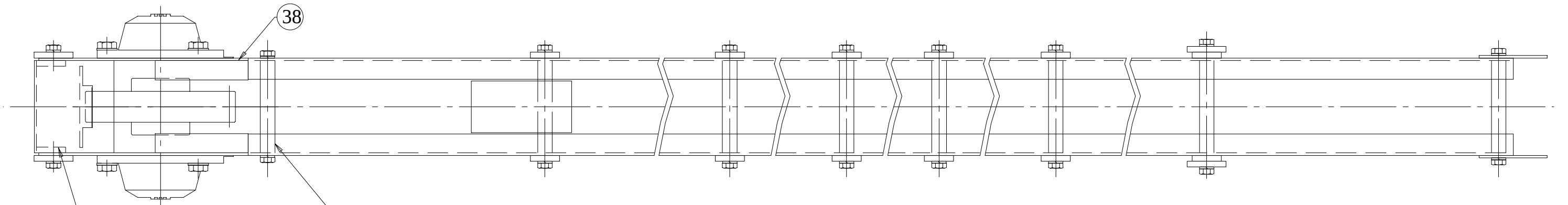
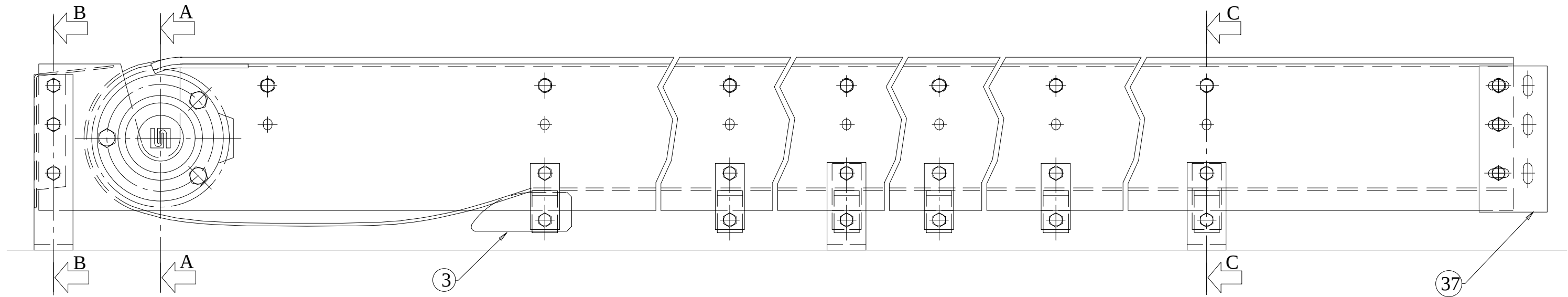


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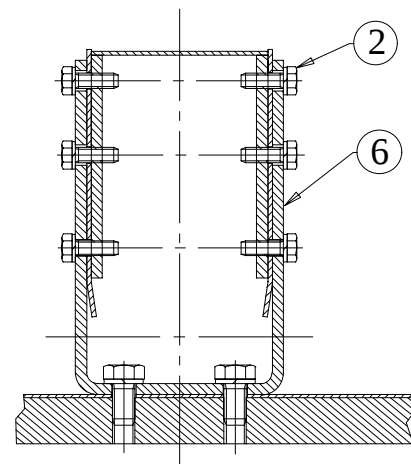
PART LIST
XR13AA121D**DESIGNATION**
OUTLET CONVEYOR

DRAWING 278599

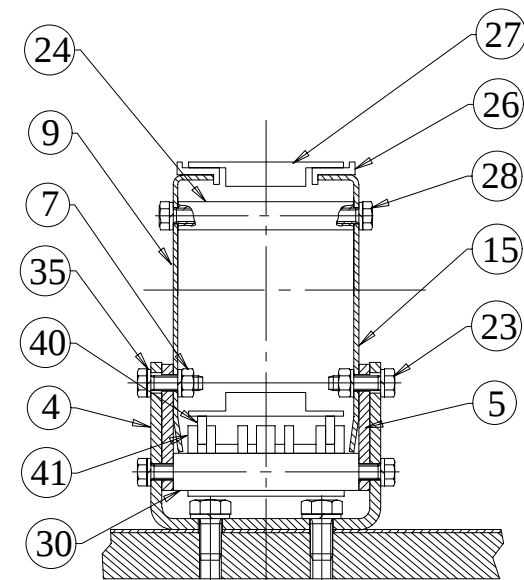
POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	160463/020	GUARD	1 N.			
2	HLE024	SCREW	6 N.			
3	GZC630	SLIDING BLOCK	1 N.		C	
4	188386	SUPPORT	2 N.			
5	146181	BRACKET	12 N.			
6	158058/001	SUPPORT	1 N.			
7	HRP008	NUT	12 N.			
8	CCM801	SUPPORT	2 N.		C	
9	187512/011	SIDE	1 N.			
10	HYF050	KEY	1 N.			
11	142096/028	IDLE SHAFT	1 N.			
12	TRN126	WHEEL	1 N.		C	
13	HLF026	SCREW	6 N.			
14	HRP010	NUT	6 N.			
15	187513/011	SIDE	1 N.			
16	HRU010	WASHER	6 N.			
20	HRU112	SPRINGWASHER	4 N.			
21	HLG024	SCREW	6 N.			
23	HLE026	SCREW	12 N.			
24	197144/001	SHAFT	6 N.			
26	GZC444	GUIDE	8 MT		C	
27	TBA144	CHAIN	8 MT		C	
28	HLE016	SCREW	12 N.			
30	146183/001	SIDE FRAME	5 N.			
32	197144/001	SHAFT	1 N.			
35	HRU108	SPRINGWASHER	12 N.			
37	151562	PLATE	2 N.			
38	160926	SUPPORT	2 N.			
40	GZC773L03300	PROFILE	2 N.			
41	TRN720	SPACER	5 N.		C	



A-A



B-B



C-C



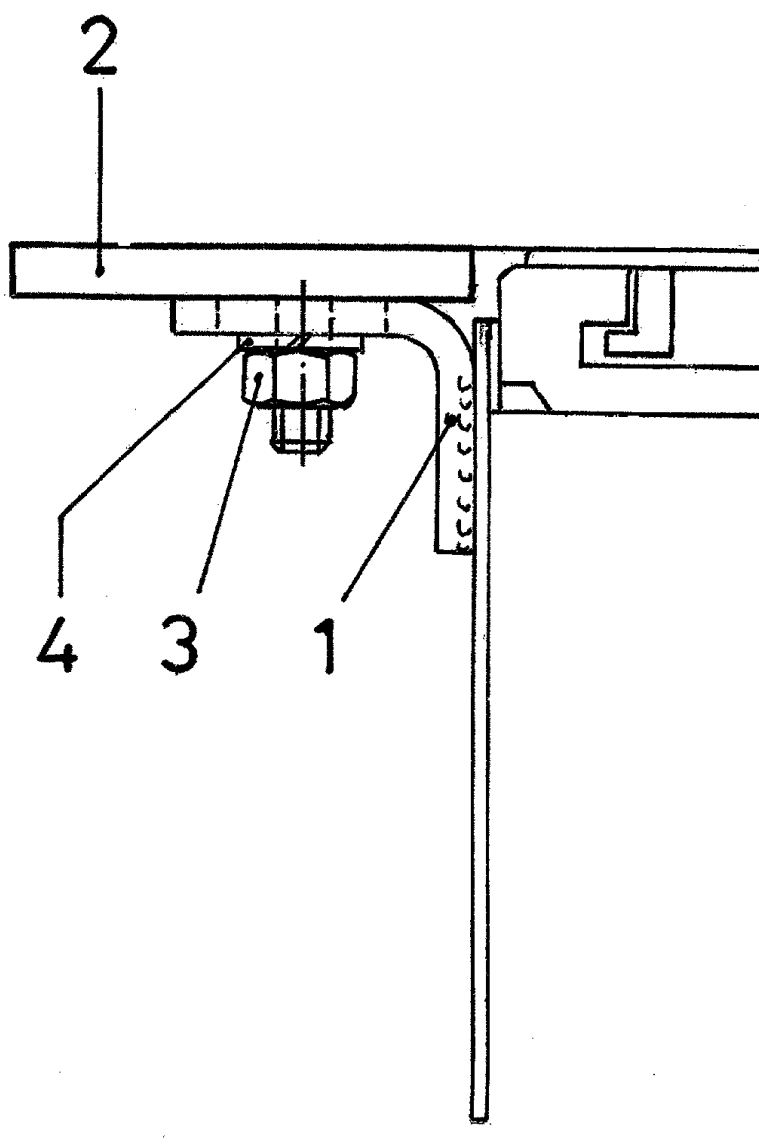
RAA415 * 463C * EUROSTAR

PART LIST
XR13AA567S

DESIGNATION
RIDE TRACK

DRAWING 299215

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	136599	REINFORCEMENT	1 N.			
2	299214	RIDE TRACK	1 N.			
3	HRP010	NUT	1 N.			
4	HRU110	SPRINGWASHER	1 N.			



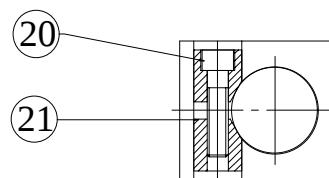


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PART LIST
XR15AA659P**DESIGNATION**
CASING COLUMNS

DRAWING 149477

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	VAH230	HANDLE	8 N.			
2	025309/001	PIN	8 N.			
3	HLH030	SCREW	16 N.			
4	119864	PLATE	8 N.			
5	119863	PIN	16 N.			
6	HRP014	NUT	16 N.			
7	HRU014	WASHER	16 N.			
8	105768	FORK	8 N.			
9	025311	SCREW	8 N.			
10	BWW093	SPRING	8 N.			
11	CHD010	BALL	8 N.			
12	125738	BRACKET	8 N.			
13	HLH026	SCREW	8 N.			
14	219926	FRAME	1 N.			
15	HLF030	SCREW	16 N.			
16	HRU010	WASHER	16 N.			
17	HRP010	NUT	16 N.			
18	199866	COLUMN	6 N.			
19	155288	PIN	8 N.			
20	HMG136	SCREW	8 N.			
21	119870	PIN	8 N.			
22	155289	COLUMN	2 N.			
23	HLF138	SCREW	8 N.			
24	HRU110	SPRINGWASHER	8 N.			
25	GAP425	O-RING	2 N.			
26	HLE026	SCREW	24 N.			
27	HRU108	SPRINGWASHER	24 N.			
28	HRP008	NUT	24 N.			
29	HBF148	SCREW	12 N.			
29	HRP010	NUT	12 N.			
30	TRN628	CLAMP	24 N.			
31	HLH064	SCREW	6 N.			
32	GZC527	FOOT	6 N.			



Technical drawing of a cross-section of a mechanical assembly. The drawing shows a central circular component (29) and a surrounding structure (33). The central component is a circular disk with a central hole, surrounded by a ring. The surrounding structure is a cylindrical housing with a flange. The drawing is a cross-section, showing the internal structure of the components. The central component is labeled 29 and the surrounding structure is labeled 33.

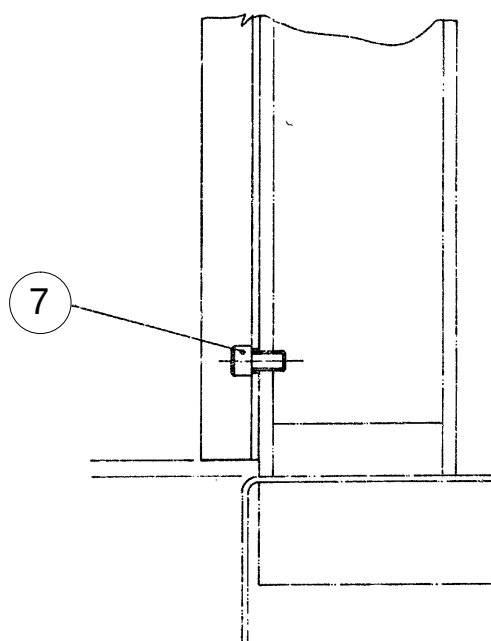
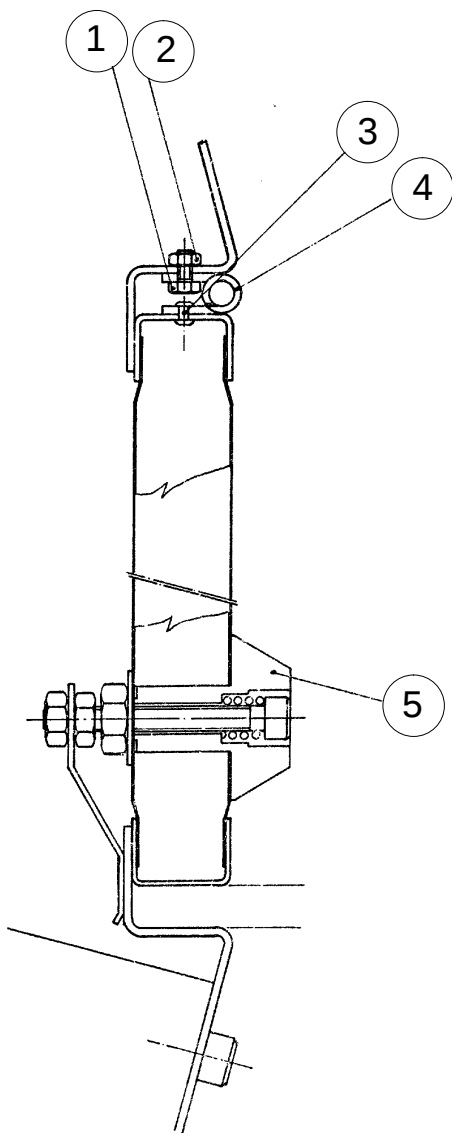


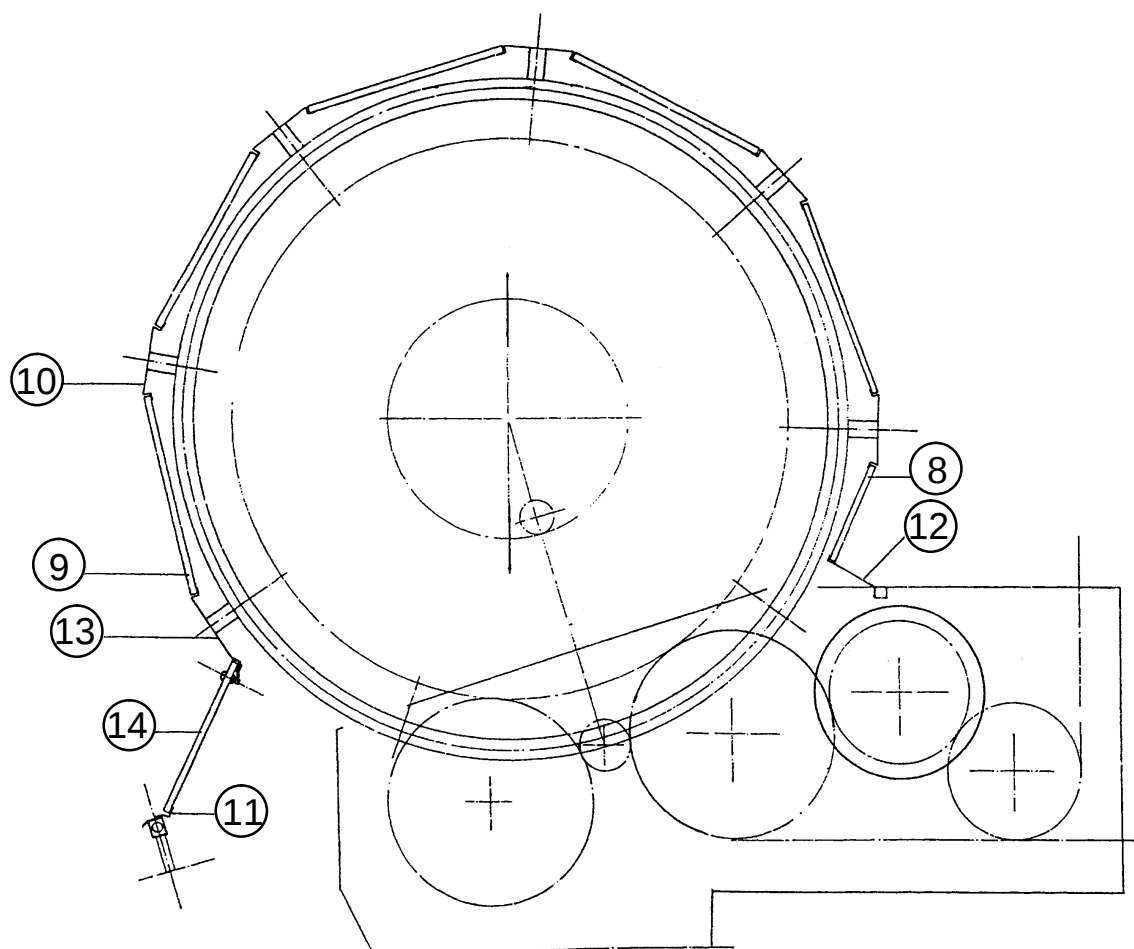
RAA415 * 463C * EUROSTAR

PART LIST
XR15AA657N**DESIGNATION**
CASING

DRAWING 159309 174028

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	HLC010	SCREW	42 N.			
2	HRP005	NUT	42 N.			
3	HKV310	RIVET	56 N.			
4	077801	HINGE	14 N.			
5	XR29AA009B	SAFETY ENCLOSURE	7 N.			
6	HMF116	SCREW	12 N.			
7	HMD108	SCREW	24 N.			
8	151716/023	PANEL	5 N.			
9	151716/022	PANEL	1 N.			
10	159655/003	SUPPORT	5 N.			
11	220066	SUPPORT	1 N.			
12	188161	SUPPORT	1 N.			
13	220067/001	SUPPORT	1 N.			
14	183058/001	PANEL	1 N.			



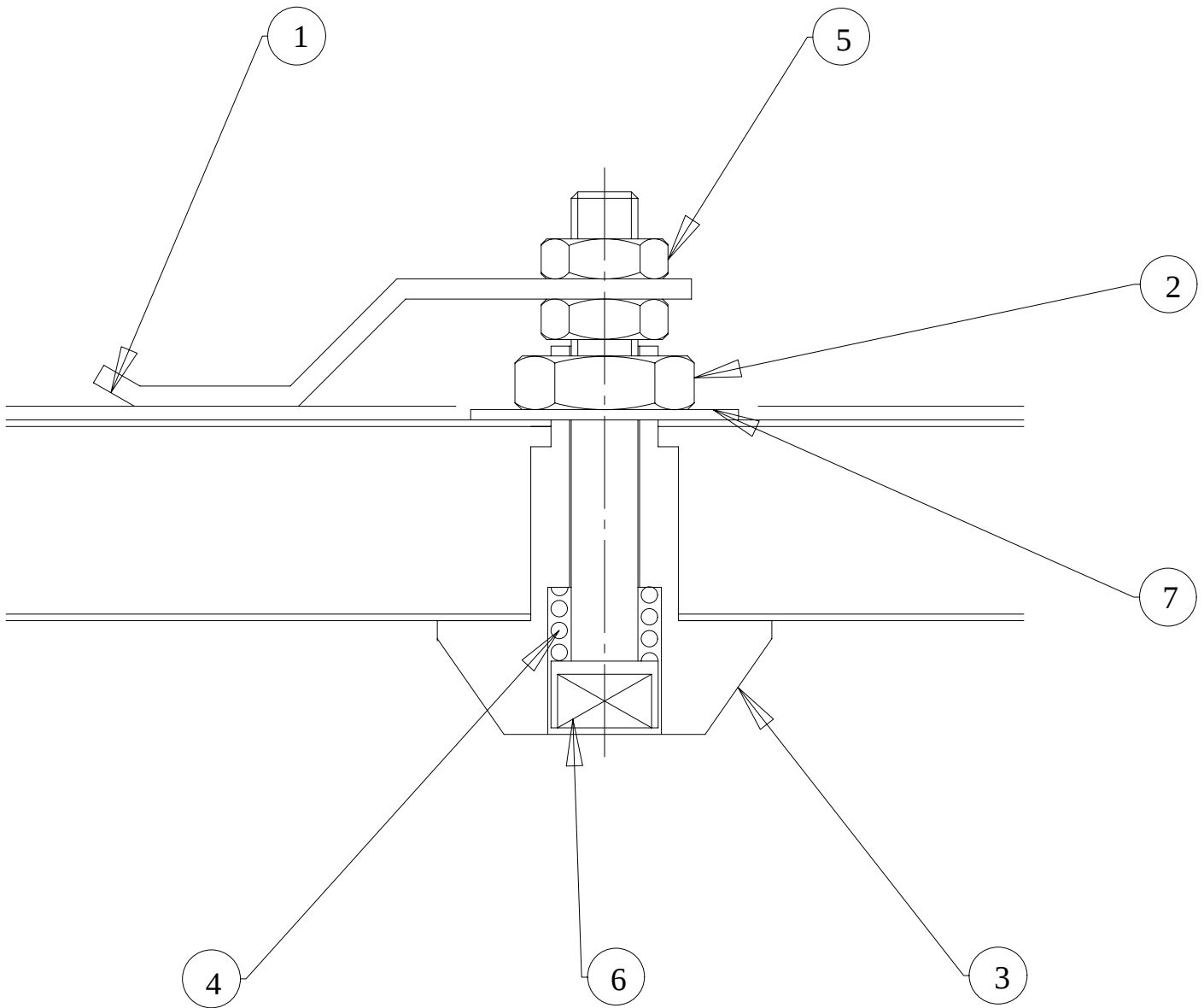




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PART LIST
XR29AA009B**DESIGNATION**
SAFETY ENCLOSURE*DRAWING 171510*

<i>POS.</i>	<i>ITEM</i>	<i>DESIGNATION</i>	<i>Q.TY</i>	<i>S</i>	<i>R</i>	<i>K</i>
1	144786	SUPPORT	1 N.			
2	BWW006	SPRING	1 N.			
3	171484	SCREW	1 N.			
4	005103	WASHER	1 N.			
5	HRP216	NUT	1 N.			
6	144801	LEVER	1 N.			
7	HRP210	NUT	2 N.			



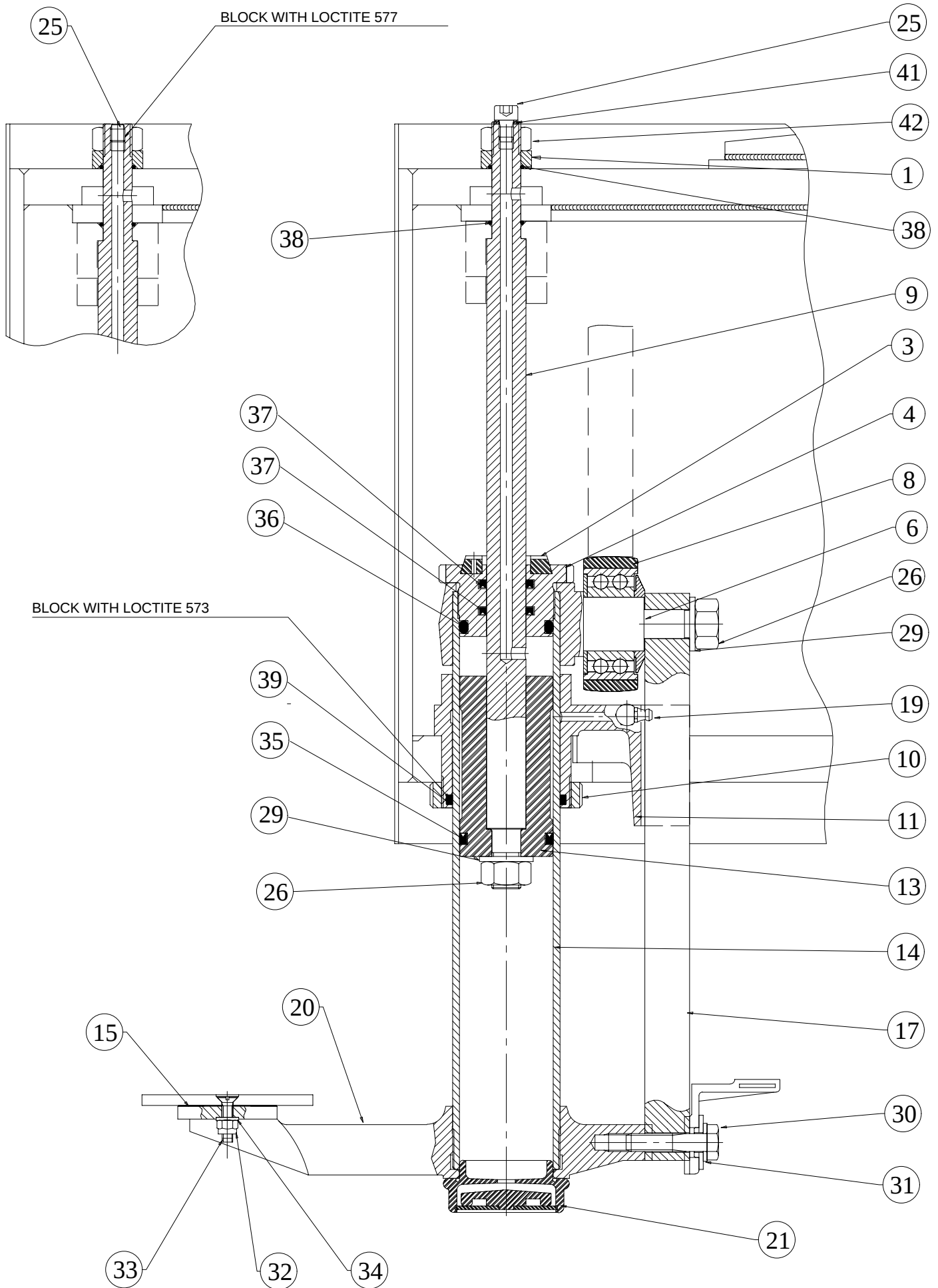


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PART LIST
XR16AA036A**DESIGNATION**
BOTTLE LIFT

DRAWING 210826

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	014598/002	WASHER	1 N.			
3	GEA159	GASKET	1 N.		C	
4	012558	LOCK RING	1 N.			
6	148286	SLEEVE	1 N.			
8	CAZ040	ROLLER	1 N.		C	
9	148268	TENSION ROD	1 N.			
10	149564	LOCK RING	1 N.			
11	209796	GUIDE	1 N.			
13	148267	PISTON	1 N.			
14	148349	CYLINDER	1 N.			
15	023346	THICKNESS	2 N.			
17	148793	STUD	1 N.			
19	LCA036	GREASING NIPPLE	1 N.		C	
20	158928	SUPPORT	1 N.			
21	GZC338	PLUG	1 N.			
25	HME112	SCREW	1 N.			
25	HQE010	SET SCREW	1 N.			
26	HHA016	NUT	2 N.			
29	HHF016	WASHER	2 N.			
30	HAF134	SCREW	1 N.			
31	HRU010	WASHER	1 N.			
32	HRR006	SELFLOCKING NUT	2 N.			
33	HND024	SCREW	2 N.			
34	HRU106	SPRINGWASHER	2 N.			
35	GAD140	SEAL RING	1 N.		C	
36	GAP162	O-RING	1 N.		C	
37	GAD050	SEAL RING	2 N.		C	
38	GAF119	O-RING	2 N.		C	
39	GAC410	GASKET	1 N.			
41	VHM310	WASHER	2 N.			
42	HRP016	NUT	1 N.			





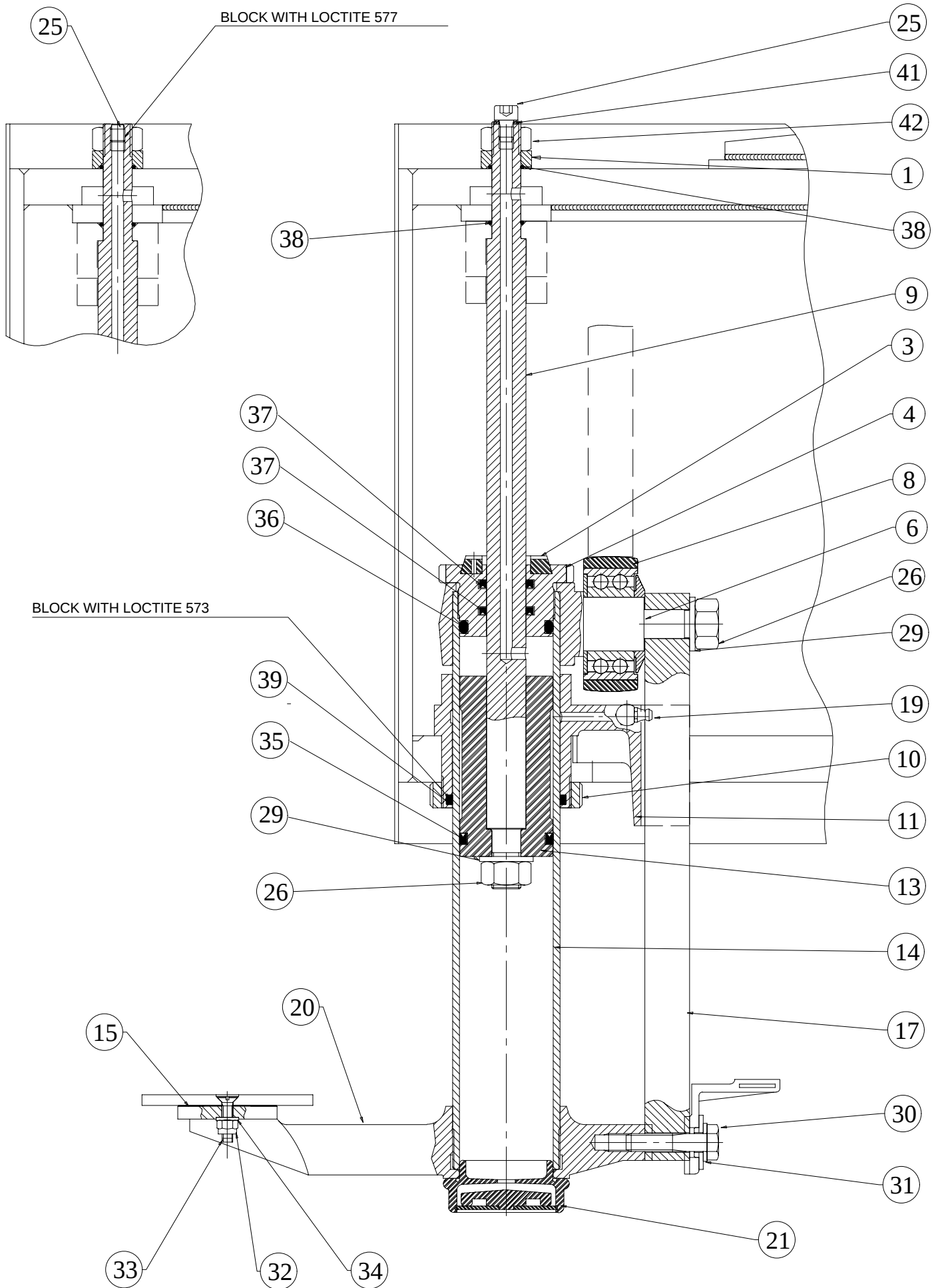
RAA415 * 463C * EUROSTAR

PART LIST
XR16AA519H

DESIGNATION
BOTTLE LIFT

DRAWING 210826

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
2	048254/016	STROKE LIMITER	64 N.			



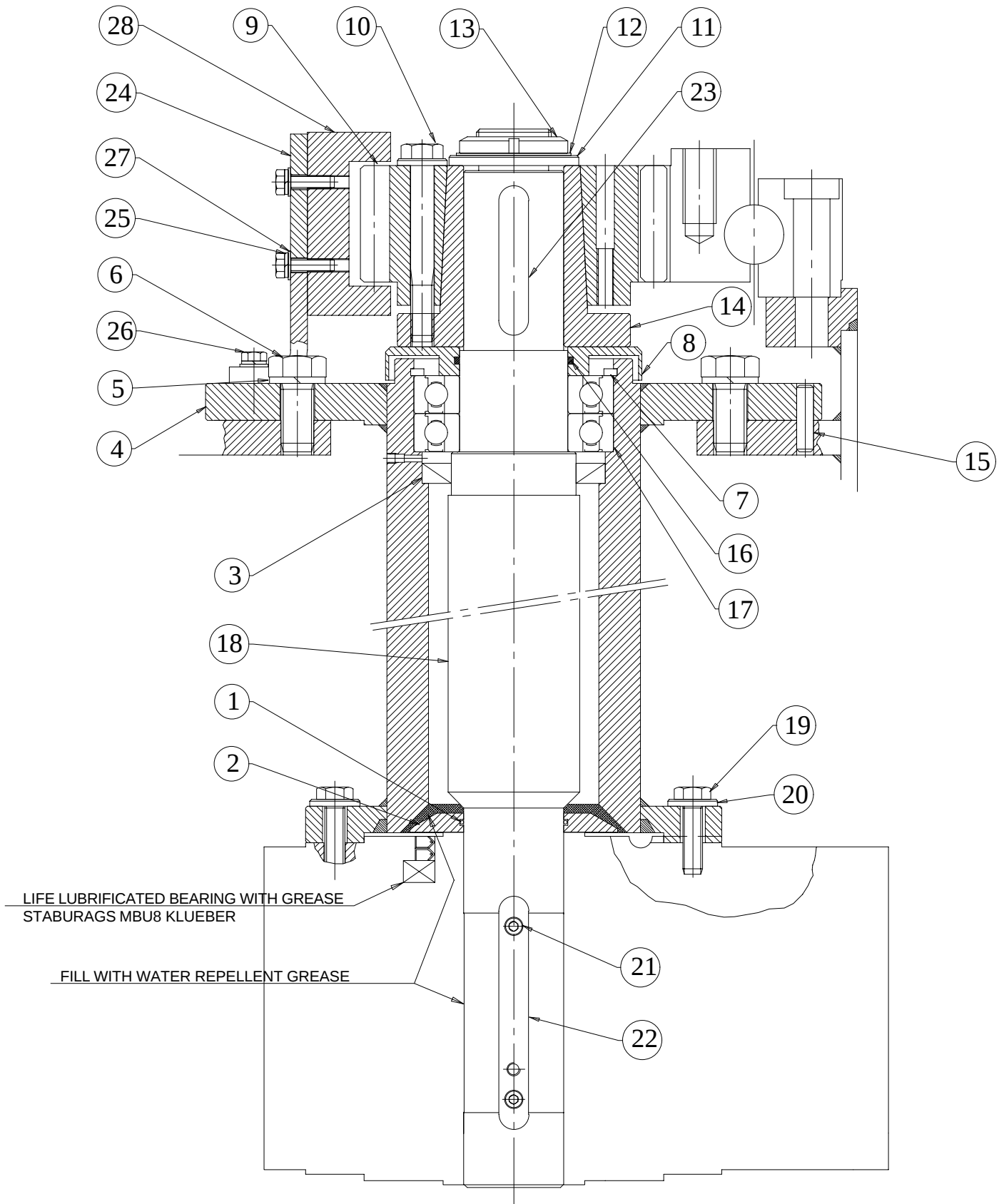


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PART LIST
XR17AA024C**DESIGNATION**
FILLER CONTROL

DRAWING 280199

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	GAL237	O-RING	1 N.		C	
2	154866	PROTECTION	1 N.			
3	GCD275	SEAL RING	1 N.		C	
4	159737	SUPPORT	1 N.			
5	HHF120	SPRINGWASHER	4 N.			
6	HAL034	SCREW	4 N.			
7	HZA120	INTERNAL RETAINING RING	1 N.			
8	154868	COVER	1 N.			
9	154871	GEAR	1 N.			
10	HAH160	SCREW	7 N.			
11	001077/133	WASHER	1 N.			
12	CHB009	LOCKWASHER	1 N.			
13	CHA009	LOCK RING	1 N.			
14	076443	FLANGE	1 N.			
15	HJP014	PIN	2 N.			
16	GAF168	O-RING	1 N.		C	
17	CAA483	BEARING	2 N.			
18	159735	SHAFT	1 N.			
19	HAG034	SCREW	8 N.			
20	001077/127	WASHER	8 N.			
21	HBD110	SCREW	2 N.			
22	159734/001	TAB	1 N.			
23	HXK090	KEY	1 N.			
24	154449	SUPPORT	2 N.			
25	HHF108	SPRINGWASHER	4 N.			
26	HAE026	SCREW	6 N.			
27	HHF008	WASHER	4 N.			
28	159804/001	SLIDING BLOCK	1 N.			



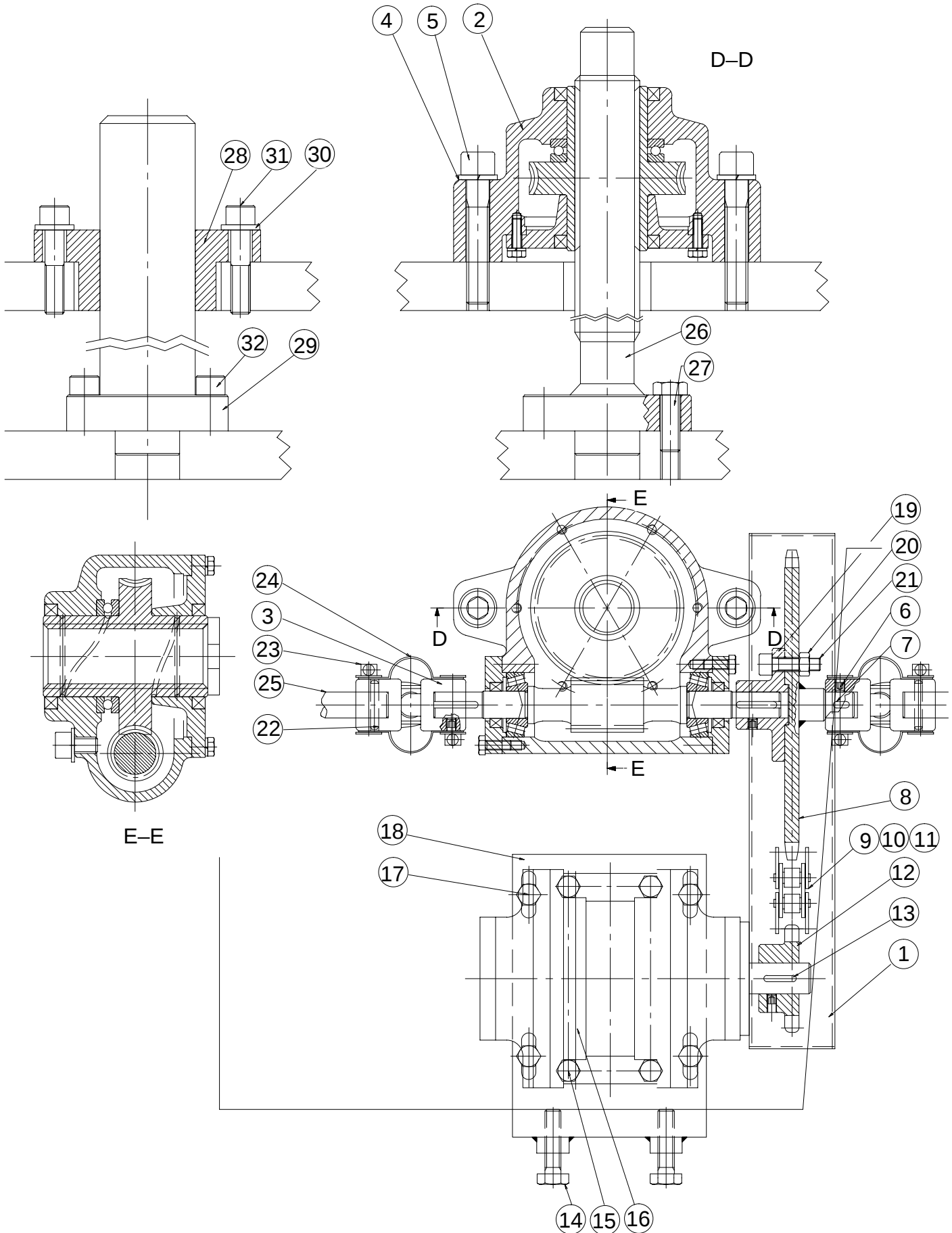


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PART LIST
XR18AA007B**DESIGNATION**
RING BOWL LIFTING

DRAWING 274158

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	106590	GUARD	1 N.			
2	XR18AA004A	LIFTING REDUCER	4 N.			
3	103359	JOINT	6 N.			
4	HRU114	SPRINGWASHER	8 N.			
5	HBH148	SCREW	8 N.			
6	HQD006	SET SCREW	8 N.			
7	HXB010	KEY	1 N.			
8	071753	GEAR	1 N.			
9	TAA015	CHAIN	1 MT			
10	TAG015	CONNECTING LINK	1 N.			
11	TAN315	PITCH OFFSET LINK	1 N.			
12	008536/017	GEAR	1 N.			
13	HXB020	KEY	1 N.			
14	HLF132	SCREW	2 N.			
15	HLE020	SCREW	4 N.			
16	MTA008	MOTOR	1 N.		C	K
KIT	MTA927	SPARE PARTS KIT	N.			
17	HLE024	SCREW	4 N.			
18	071754	PLATE	1 N.			
19	071751	HUB	1 N.			
20	HRP008	NUT	4 N.			
21	HME126	SCREW	4 N.			
22	HSQ010	ELASTIC PIN	6 N.		C	
23	VAS370	CLIP	12 N.			
24	TFA832	JOINT COVER	6 N.			
25	103440	PIN	3 N.			
26	110117	PIN	4 N.			
27	HLG030	SCREW	12 N.			
28	150583	BUSHING	2 N.			
29	150537	CENTERING GUIDE	2 N.			
30	001077/067	WASHER	6 N.			
31	HBG138	SCREW	6 N.			
32	HBG130	SCREW	6 N.			



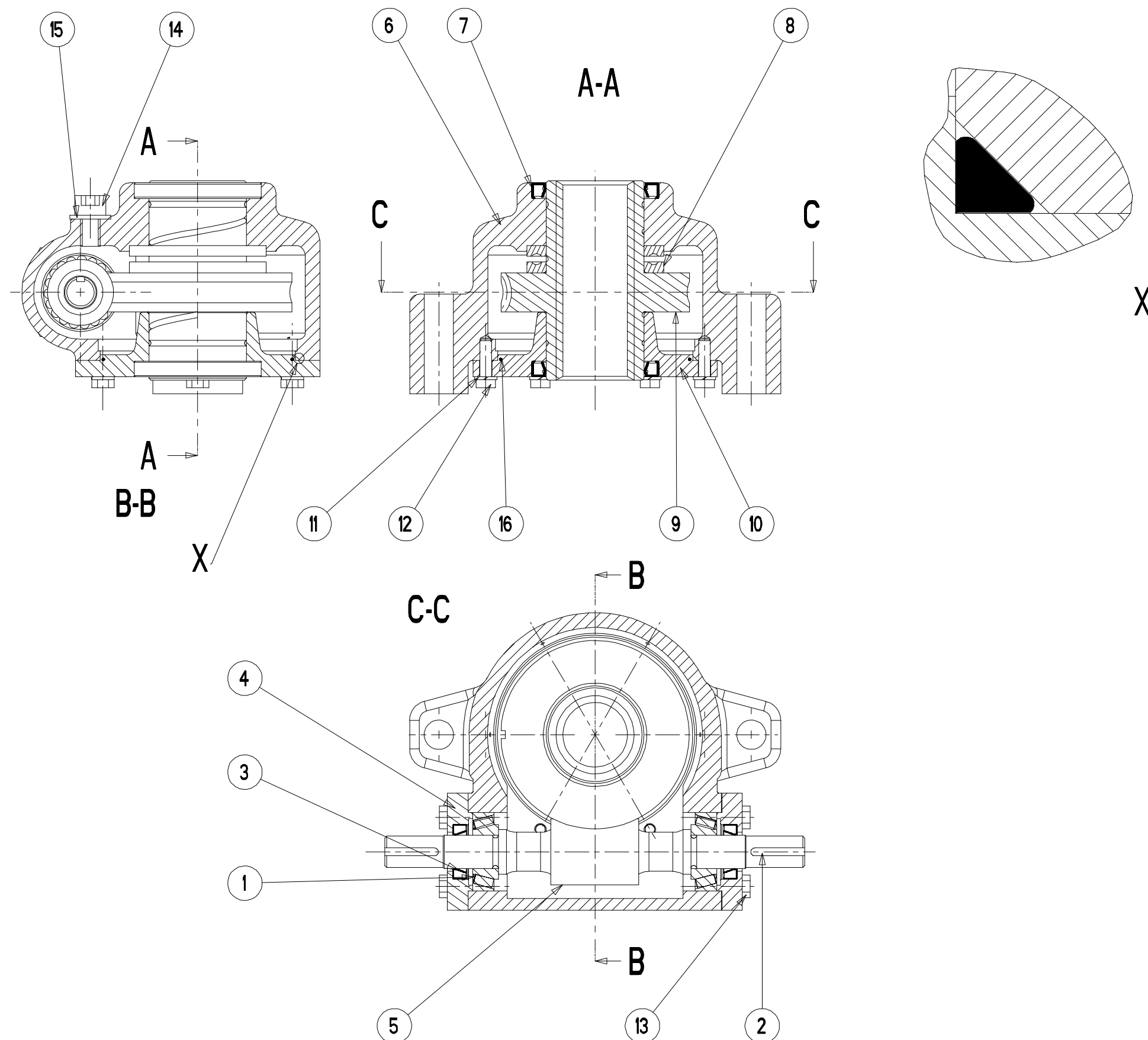


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PART LIST
XR18AA004A**DESIGNATION**
LIFTING REDUCER

DRAWING 229230

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	CAC003	BEARING	2 N.			
2	HXB025	KEY	2 N.			
3	GCD020	SEAL RING	2 N.			
4	071718	COVER	2 N.			
5	071697	WORM SCREW	1 N.			
6	071695	BOX	1 N.			
7	GCD195	SEAL RING	2 N.		C	
8	CAE020	BEARING	1 N.			
9	071696	WHEEL	1 N.			
10	071698	COVER	1 N.			
11	HHF106	WASHER	6 N.			
12	HAD020	SCREW	6 N.			
13	HAD016	SCREW	8 N.			
14	HBF116	SCREW	1 N.			
15	HHF010	WASHER	1 N.			
16	GAH375	O-RING	1 N.		C	
17	DCC005	PLUG	1 N.			



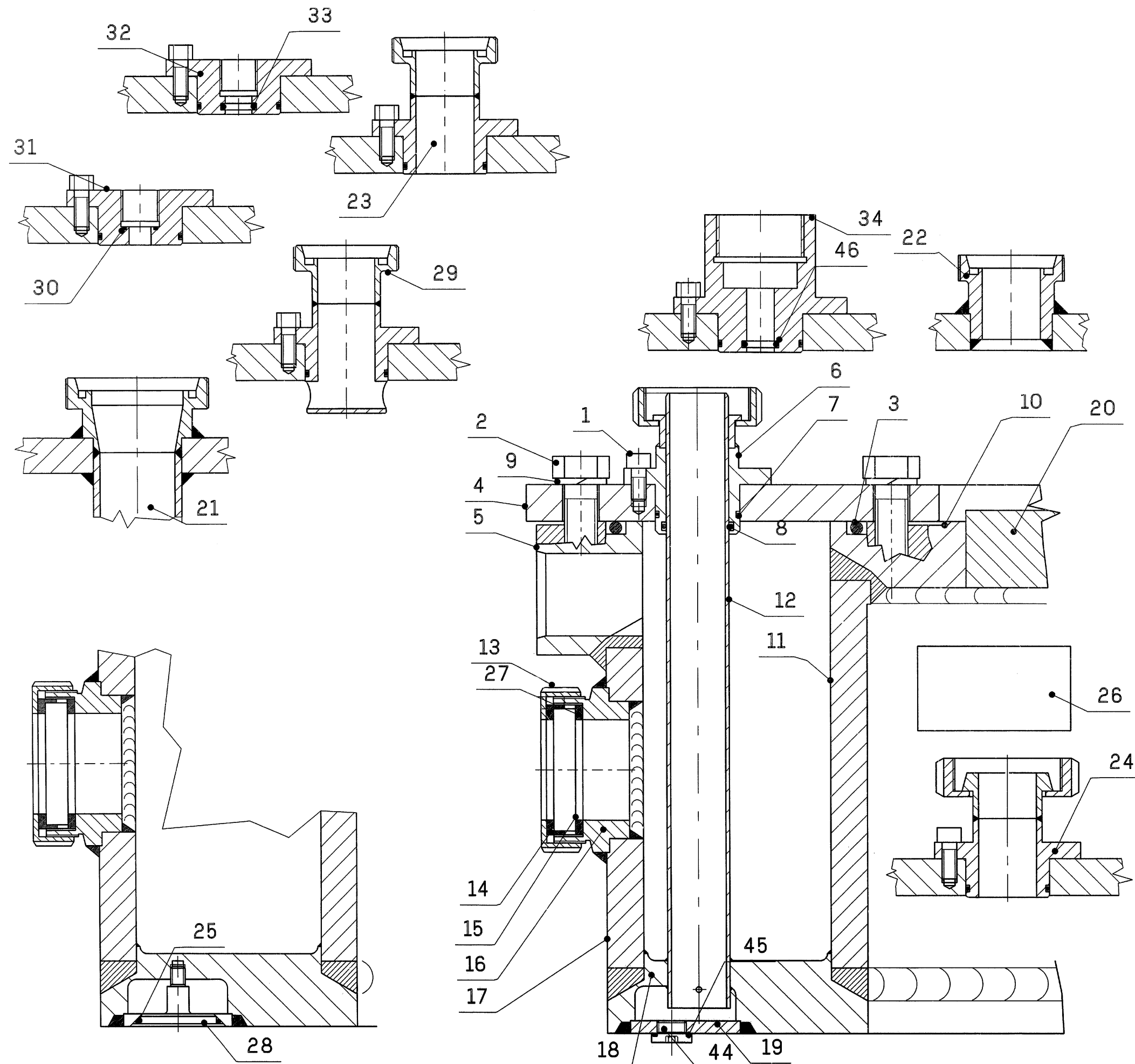


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PART LIST
XR19AA542C**DESIGNATION**
RING BOWL

DRAWING 219414

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
	219415/003	BOWL	1 N.			
1	HMP020	SCREW	45 N.			
2	HLU132	SCREW	64 N.			
3	GFC110	GASKET	18 MT		C	
4	219416/003	COVER	1 N.			
6	157562	UNION	4 N.			
7	GAL162	O-RING	15 N.		C	
8	GAM131	O-RING	4 N.		C	
9	HRU118	SPRINGWASHER	64 N.			
13	094901	UNION	2 N.			
14	209322	GASKET	2 N.		C	
15	VEA565	GLASS	2 N.		C	
23	219593	CONNECTION	2 N.			
24	209315	CONNECTION	1 N.			
25	GAL162	O-RING	2 N.		C	
26	292699	NAMEPLATE	1 N.			
27	209323	GASKET	2 N.		C	
28	208726/001	PLUG	2 N.			
29	218594	UNION	2 N.			
30	GAH062	O-RING	1 N.		C	
31	208818/001	UNION	1 N.			
32	157564	UNION	1 N.			
33	GAL056	O-RING	1 N.		C	
34	214997	CONNECTION	4 N.			
35	SAB025	THERMOMETER	1 N.			
36	SBT076	PRESSURE GAUGE	1 N.			
37	136806	SUPPORT	1 N.			
38	VAA807	NUMBERS	1 CF			
39	VHN517	GASKET	1 N.			
41	VHN420	GASKET	2 N.			
42	DNC320	VALVE	1 N.			
43	XR19AA088A	SAFETY VALVE	1 N.			
44	202597	PLUG	2 N.			
45	GAF121	O-RING	2 N.			
46	GAF121	O-RING	4 N.			

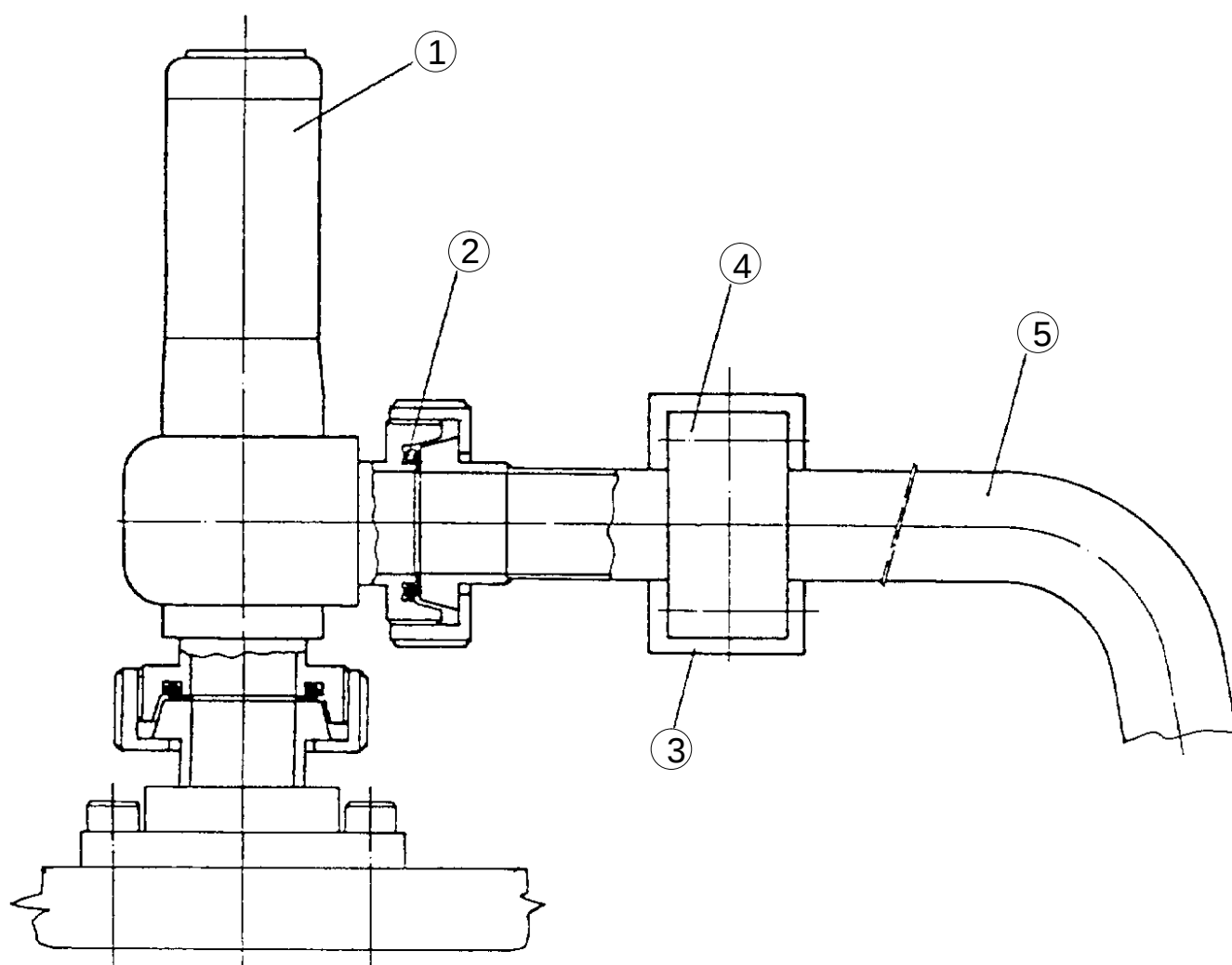




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PART LIST
XR19AA088A**DESIGNATION**
SAFETY VALVE*DRAWING 209234*

<i>POS.</i>	<i>ITEM</i>	<i>DESIGNATION</i>	<i>Q.TY</i>	<i>S</i>	<i>R</i>	<i>K</i>
1	DPE078	VALVE	1 N.			
2	DEH200	GASKET	2 N.		C	
3	EED071	PLATE	1 N.			
4	EED011	COLLAR	1 N.			
4	EED018	COLLAR	1 N.			
5	176553/001	PIPE	1 N.			





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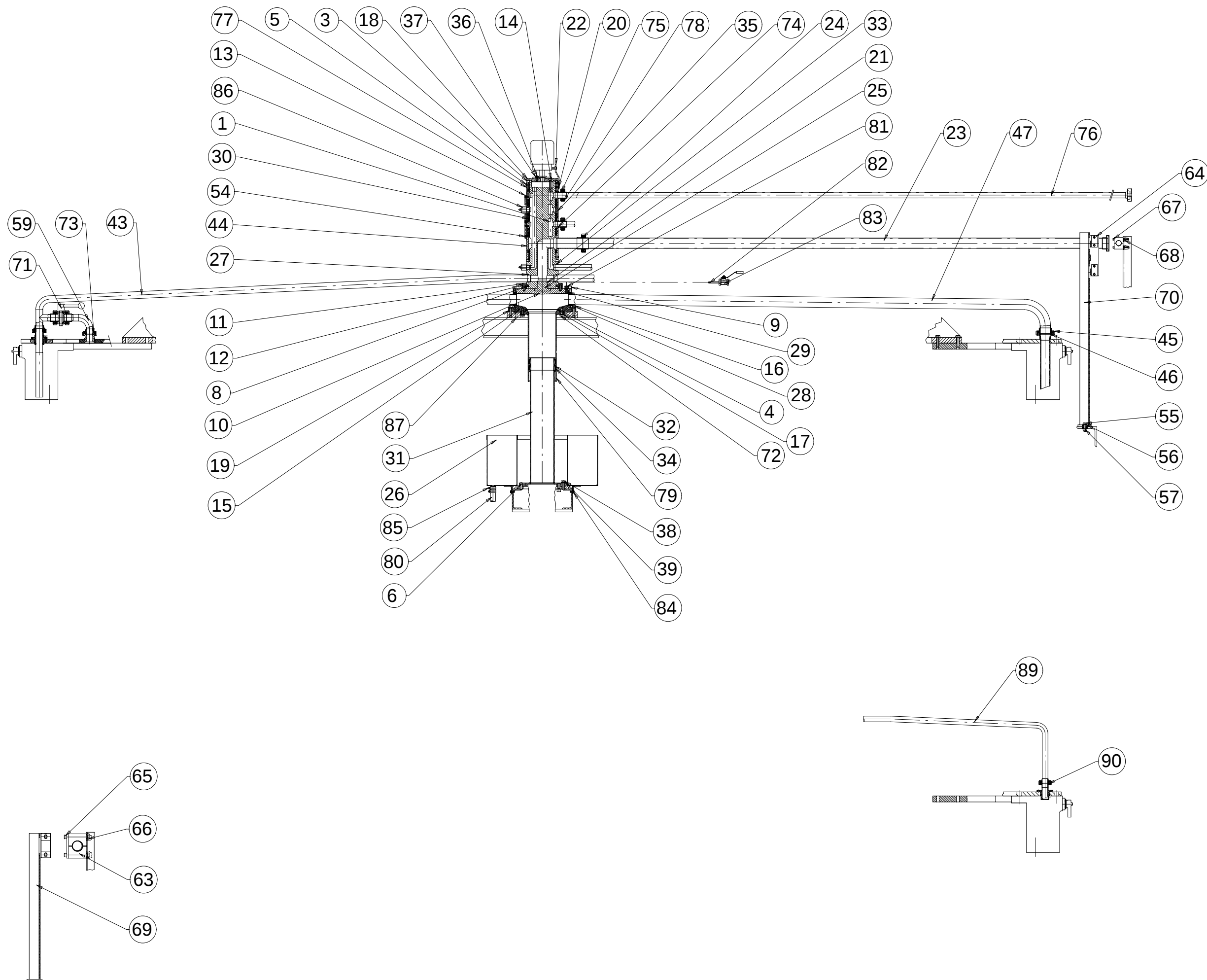
PART LIST
XR20AA576Q**DESIGNATION**
BOWL FEEDING

DRAWING 219278

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	220082	BODY	1 N.			
3	210669	BUSHING	2 N.		C	
4	GAP450	O-RING	1 N.		C	
5	191607	PEG	2 N.			
6	HSM212	PIN	2 N.			
8	189419	RING	1 N.			
9	HMF126	SCREW	6 N.			
10	189685	COVER	1 N.			
11	HLF020	SCREW	12 N.			
12	HRU010	WASHER	12 N.			
13	198558	TAB	6 N.			
14	HME136	SCREW	3 N.			
15	214915/004	MANIFOLD	1 N.			
16	HMF132	SCREW	6 N.			
17	HRU010	WASHER	6 N.			
18	198556	PLUG	1 N.			
19	214914	RING	1 N.			
20	HNC010	SCREW	2 N.			
21	GAF149	O-RING	1 N.		C	
22	192608	PLATE	1 N.			
23	189425/003	PIPE	1 N.			
24	DEH406	GASKET	2 N.		C	
25	198557	PLUG	1 N.			
26	198550	TANK	1 N.			
27	GAM131	O-RING	4 N.		C	
28	GAF156	O-RING	8 N.		C	
29	GAM600	O-RING	1 N.		C	
30	GDI500	GASKET	8 N.		C	
31	189688/001	PIPE	1 N.			
32	GDE425	GASKET	2 N.		C	
33	GAM106	O-RING	2 N.			
34	161383/001	SLIDE RING	2 N.		C	
35	205425	LINING	1 N.			
36	HLD010	SCREW	3 N.			
37	HRU006	WASHER	3 N.			
38	HLG030	SCREW	4 N.			
39	HHF012	WASHER	4 N.			
43	189676/003	PIPE	4 N.			
44	198553	LINING	1 N.			
45	DEG050	SLOTTER NUT	8 N.			

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POS.	ITEM	DESIGNATION	Q.TY	S	R	K
46	DEH406	GASKET	8 N.		C	
47	155437/001	PIPE	8 N.			
48	ECF505	ELECTRIC MANIFOLD	1 N.			
54	HMC110	SCREW	12 N.			
55	HLF030	SCREW	4 N.			
56	HRU010	WASHER	4 N.			
57	HRP010	NUT	4 N.			
59	159075	PIPE	4 N.			
63	EED011	COLLAR	1 N.			
64	EED018	COLLAR	2 N.			
65	HMG160	SCREW	2 N.			
66	HRP012	NUT	2 N.			
67	HMD144	SCREW	4 N.			
68	HRP006	NUT	4 N.			
69	219279	SUPPORT	1 N.			
70	219280	SUPPORT	1 N.			
71	DQM032	BUTTERFLY VALVE	4 N.		C	K
KIT	DQM332	GASKET	N.			
72	HLF020	SCREW	6 N.			
73	DEH404	GASKET	12 N.		C	
74	198555	LINING	1 N.			
75	DEH200	GASKET	2 N.		C	
76	DEF802	UNION	2 N.			
77	219263	MANIFOLD	1 N.			
78	DEG025	SLOTTER NUT	2 N.			
79	189686	PIPE	1 N.			
80	GFA040	HOSE	2 MT			
81	PAB270	TERMINAL	2 N.			
82	ZAT057	PIPE	2000 MM			
83	DQC060	VALVE	1 N.			
84	HLD016	SCREW	4 N.			
85	VAS365	CLIP	2 N.			
86	PAA391	CONNECTION	2 N.			
87	HSL210	PEG	2 N.			
88	DEG025	SLOTTER NUT	2 N.			
89	219296	PIPE	2 N.			
90	DEH200	GASKET	2 N.		C	

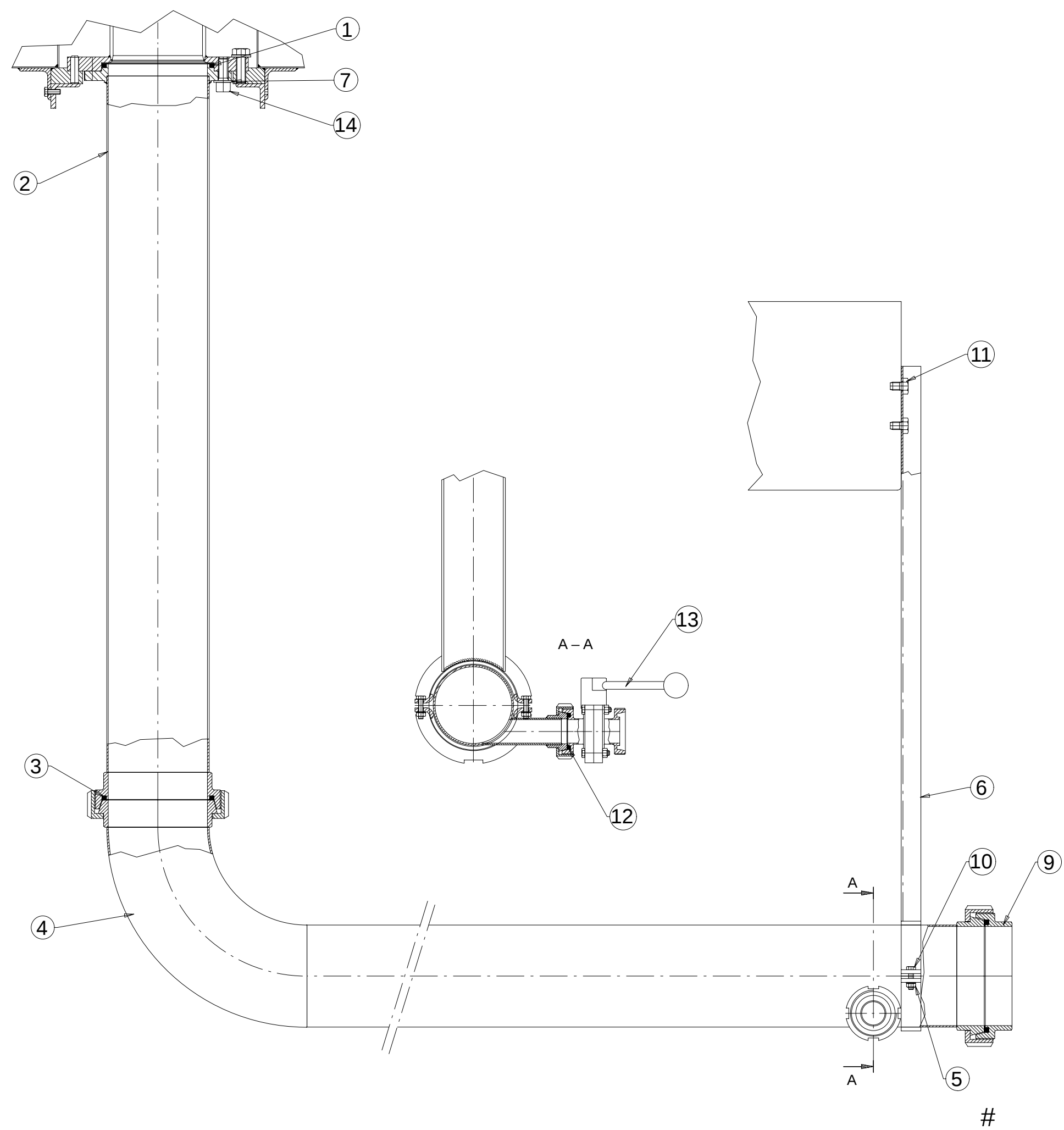




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PART LIST
XR20AA079C**DESIGNATION**
PRODUCT INLET*DRAWING 159467*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	DEH409	GASKET	1 N.		C	
2	159468	PIPE	1 N.			
3	DEH409	GASKET	2 N.		C	
4	159471/003	PIPE	1 N.			
5	HRP006	NUT	2 N.			
6	090723	SUPPORT	1 N.			
7	HRU012	WASHER	4 N.			
9	DEE500	UNION	1 N.			
10	HLD024	SCREW	2 N.			
11	HMF116	SCREW	2 N.			
12	DEH404	GASKET	1 N.		C	
13	DQM032	BUTTERFLY VALVE	1 N.		C	K
KIT	DQM332	GASKET	N.			
14	HMG126	SCREW	4 N.			



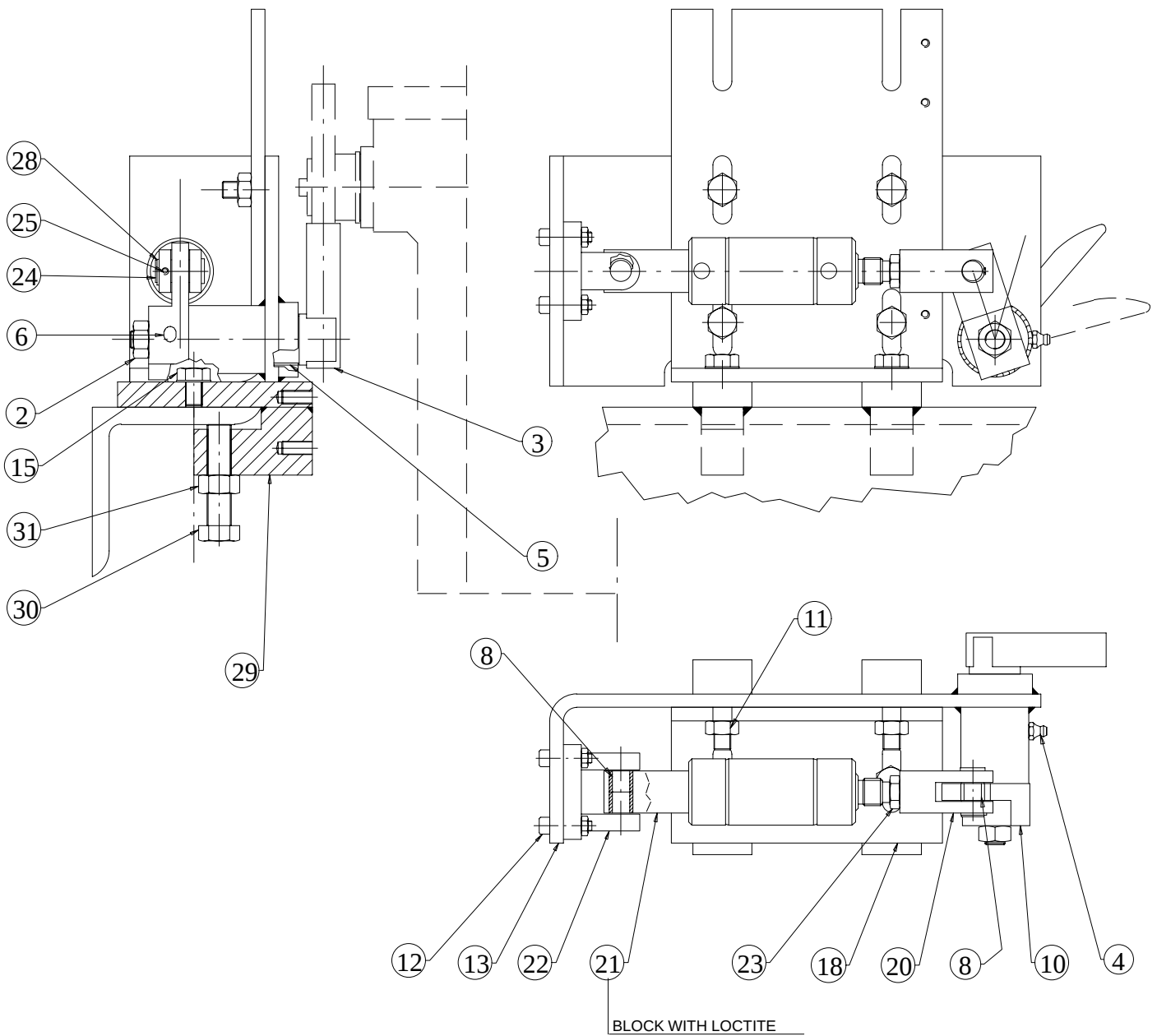


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PART LIST
XR21AA124A**DESIGNATION**
OPENING CONTROL

DRAWING 185249

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	PAC040	HOSE	3 MT			
2	HRP218	NUT	1 N.			
3	152597	SLIDING BLOCK	1 N.			
4	LCA032	GREASING NIPPLE	1 N.		C	
5	VCB520	BUSHING	2 N.		C	
6	HSS014	ELASTIC PIN	1 N.			
7	PAA156	CONNECTION	2 N.			
8	VCB012	BUSHING	3 N.			
10	152594	LEVER	1 N.			
11	HRR010	SELFLOCKING NUT	6 N.			
11	HRU010	WASHER	6 N.			
12	HMD124	SCREW	4 N.			
12	HRR006	SELFLOCKING NUT	4 N.			
12	HRU006	WASHER	4 N.			
13	185399	PLATE	1 N.			
15	HLF020	SCREW	2 N.			
18	185400	SUPPORT	1 N.			
19	PAD420	PNEUMATIC CYLINDER	1 N.		C	
20	164400	FORK	1 N.			
21	163890	CONNECTION	1 N.			
22	PAE114	HINGE	1 N.			
23	007936/024	NUT	1 N.			
24	164401	PIN	1 N.			
25	HQB010	SET SCREW	1 N.			
28	HZF012	EXTERNAL RETAINING RING	1 N.			
29	185397	CLAMP	2 N.			
30	HLH040	SCREW	2 N.			
31	HRP014	NUT	2 N.			





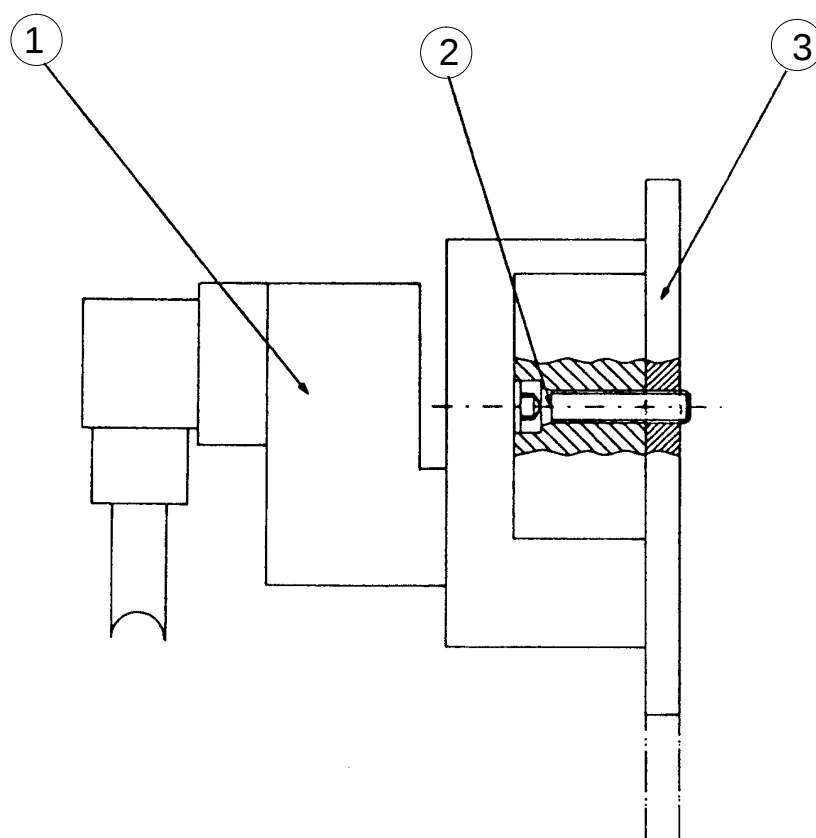
RAA415 * 463C * EUROSTAR

PART LIST
XR21AA634B

DESIGNATION
SOLENOID VALVE MOUNTING

DRAWING 205489

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	PDB110	SOLENOID VALVE	1 N.		C	
2	HMC124	SCREW	2 N.			
3	205488	SUPPORT	1 N.			

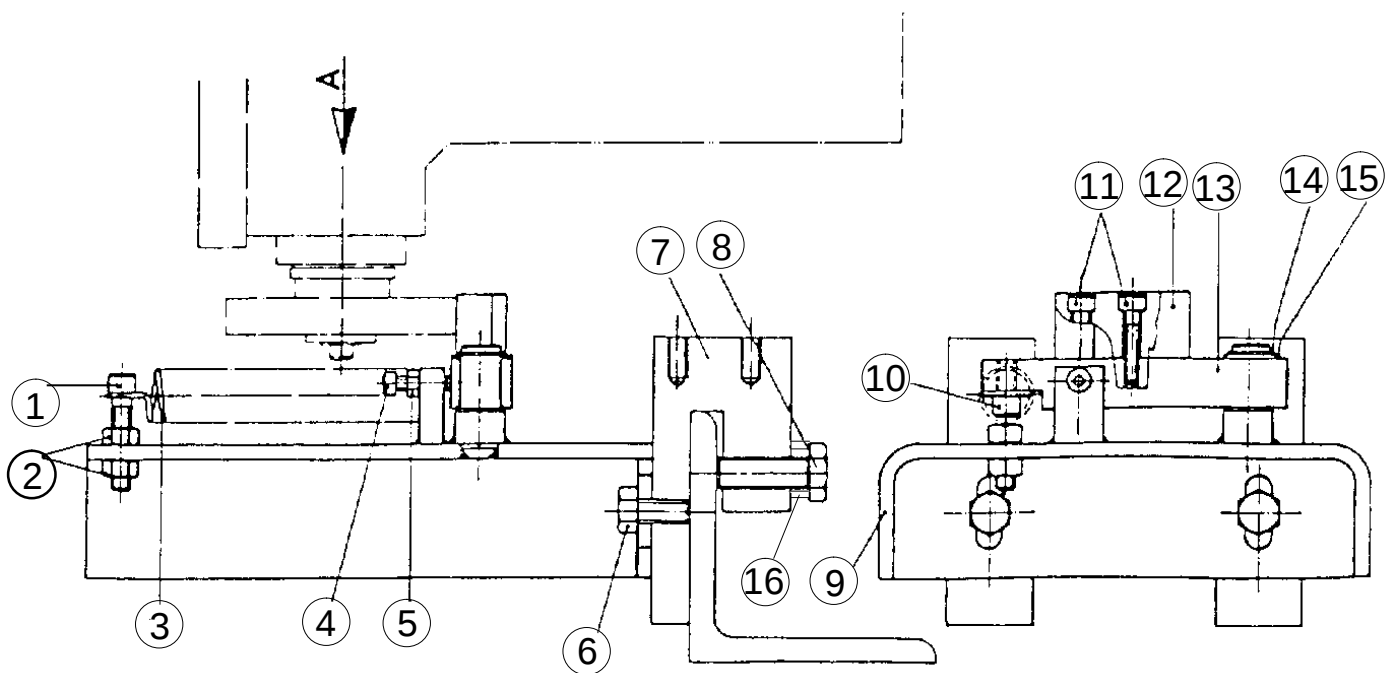
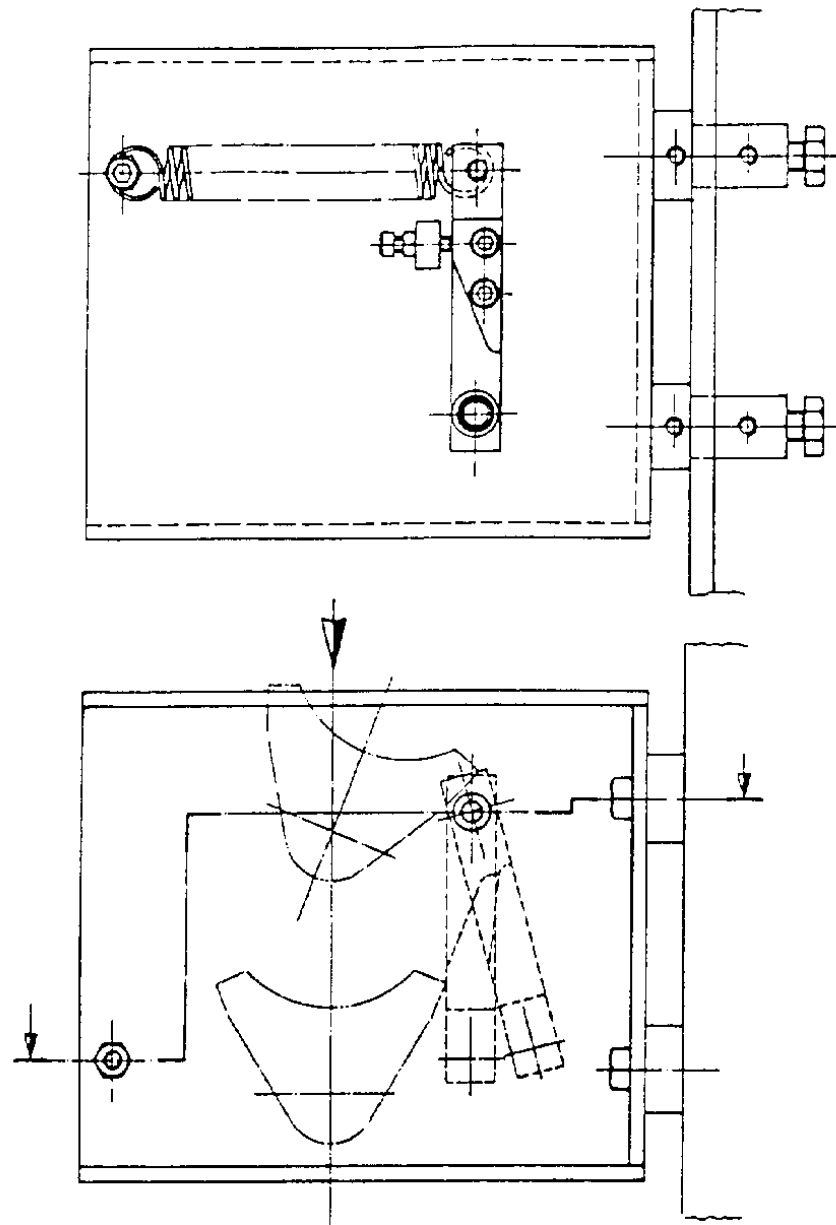




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PART LIST
XR21AA127A**DESIGNATION**
MIDDLING POSITION CONTROL*DRAWING 185252*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	HME132	SCREW	1 N.			
2	HRP008	NUT	2 N.			
3	BWW407	SPRING	1 N.			
4	HMD124	SCREW	1 N.			
5	HRP006	NUT	1 N.			
6	HLF020	SCREW	2 N.			
7	185397	CLAMP	2 N.			
8	HLH040	SCREW	2 N.			
9	185444	SUPPORT	1 N.			
10	HME112	SCREW	1 N.			
11	HMD130	SCREW	2 N.			
12	111506	SUPPORT	1 N.			
13	111507	RIDE TRACK	1 N.			
14	HZF016	EXTERNAL RETAINING RING	1 N.			
15	HRU016	WASHER	1 N.			
16	HRP014	NUT	2 N.			

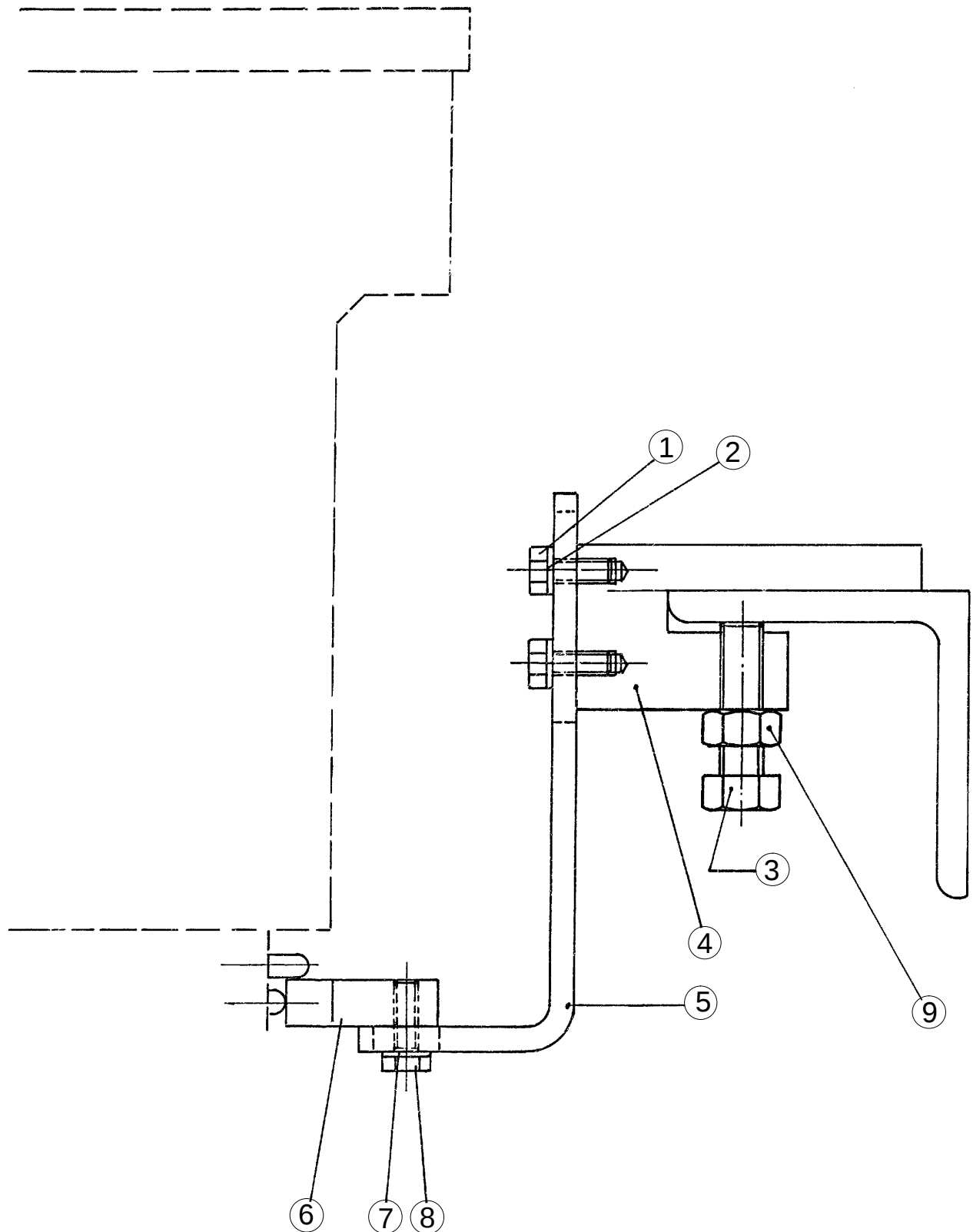




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PART LIST
XR21AA637P**DESIGNATION**
DECOMPRESSION CONTROL*DRAWING 185396*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	HLE020	SCREW	6 N.			
2	HRU008	WASHER	6 N.			
3	HLH040	SCREW	2 N.			
4	185397	CLAMP	2 N.			
5	185402	BRACKET	3 N.			
6	185403/056	SLIDING BLOCK	1 N.			
7	HRU008	WASHER	3 N.			
8	HLE024	SCREW	3 N.			
9	HRP014	NUT	2 N.			

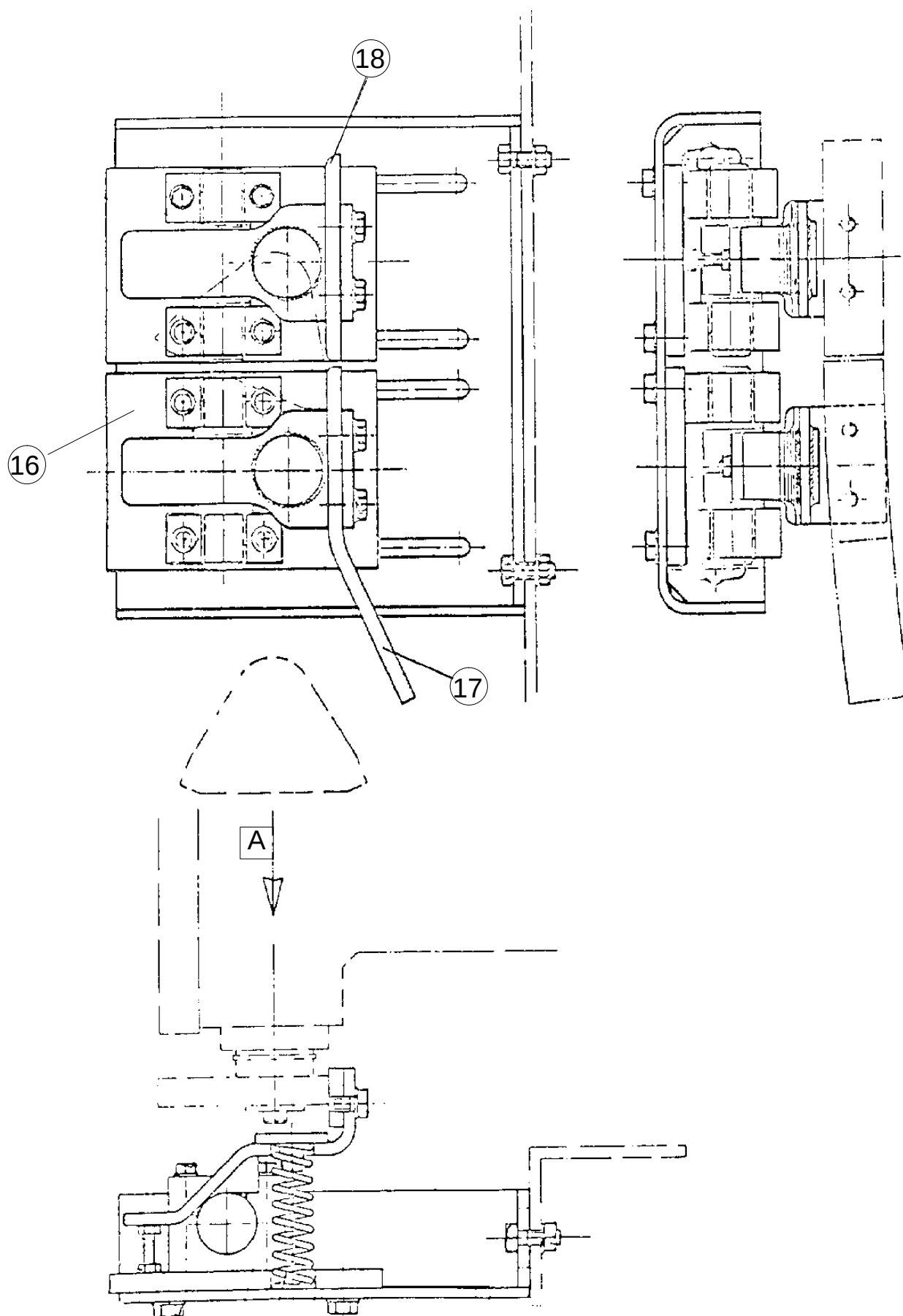




RAA415 * 463C * EUROSTAR

PART LIST
XR21AA126C**DESIGNATION**
CLOSING CONTROL*DRAWING 175691*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
16	XR21AA125A	CLOSING CONTROL PRE-MOUN.	1 N.			
17	139862/001	SLIDING BLOCK	1 N.			
18	139863/004	SLIDING BLOCK	1 N.			

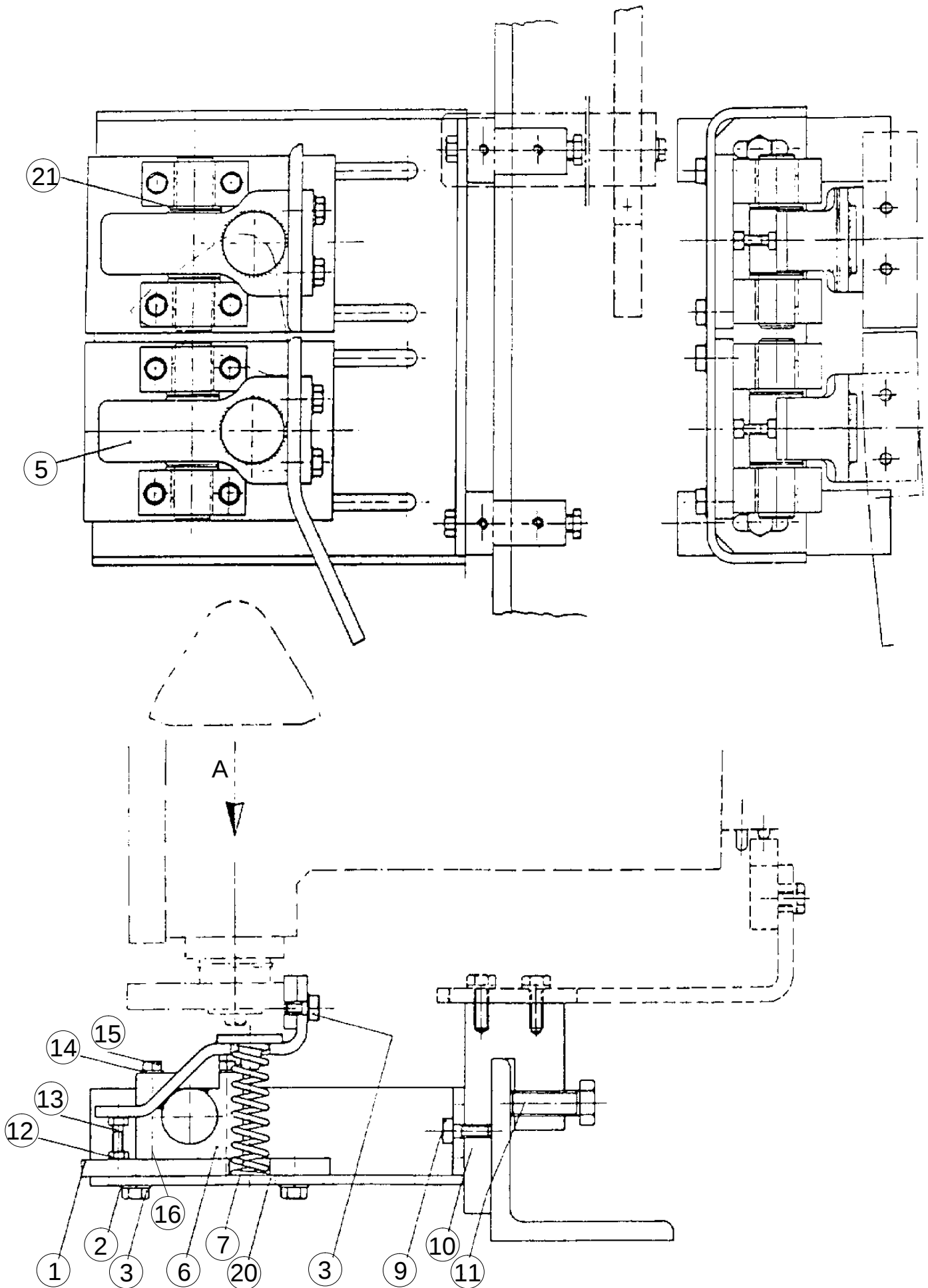




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PART LIST
XR21AA125A**DESIGNATION**
CLOSING CONTROL PRE-MOUN.*DRAWING 185250*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
	XR24AA021A	SLIDING BLOCK COOLING	1 N.			
1	175693	SUPPORT	2 N.			
2	HRU008	WASHER	12 N.			
3	HLE016	SCREW	12 N.			
5	139858	LEVER	2 N.			
6	175694	SUPPORT	4 N.			
7	BWW606	SPRING	2 N.			
9	HLF020	SCREW	2 N.			
10	185397	CLAMP	2 N.			
11	HLH040	SCREW	2 N.			
12	HRP006	NUT	2 N.			
13	HLD024	SCREW	2 N.			
14	HRU008	WASHER	8 N.			
15	HLE140	SCREW	8 N.			
16	HRP014	NUT	2 N.			
20	139859	SUPPORT	1 N.			
21	VCB520	BUSHING	4 N.		C	

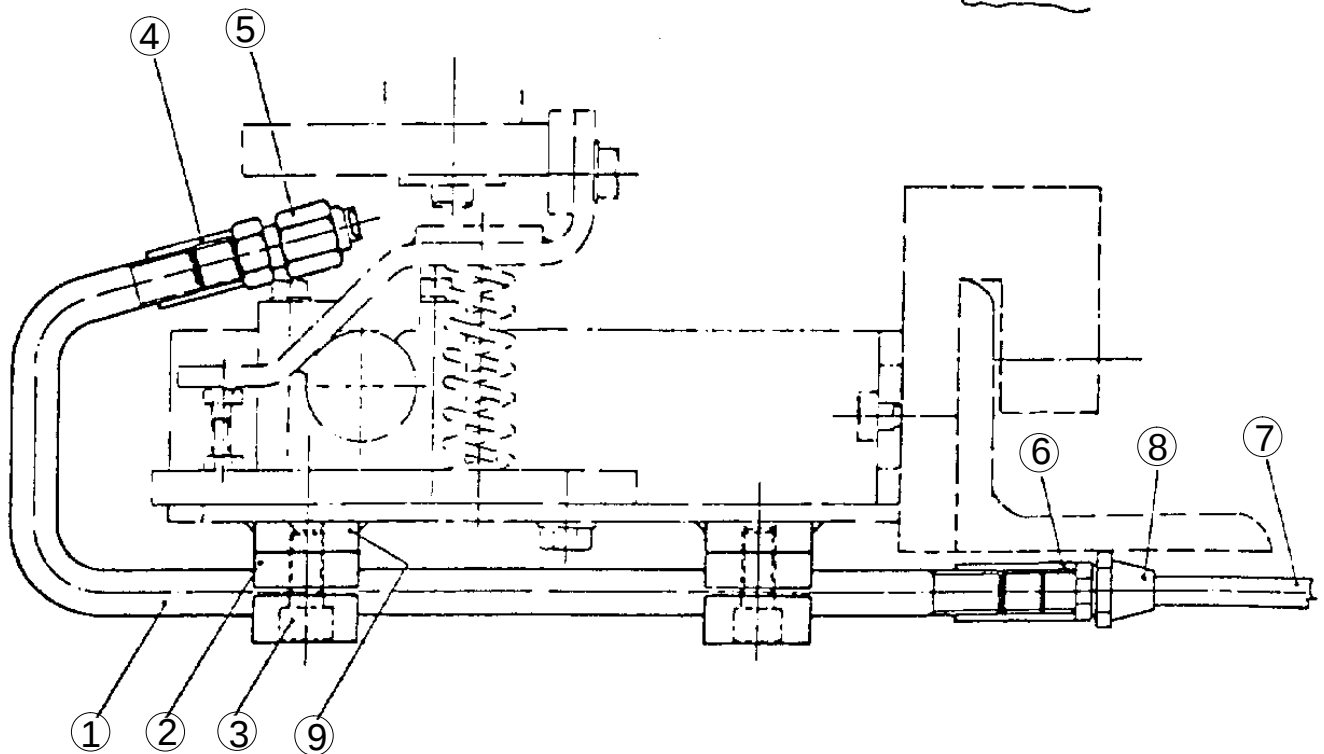
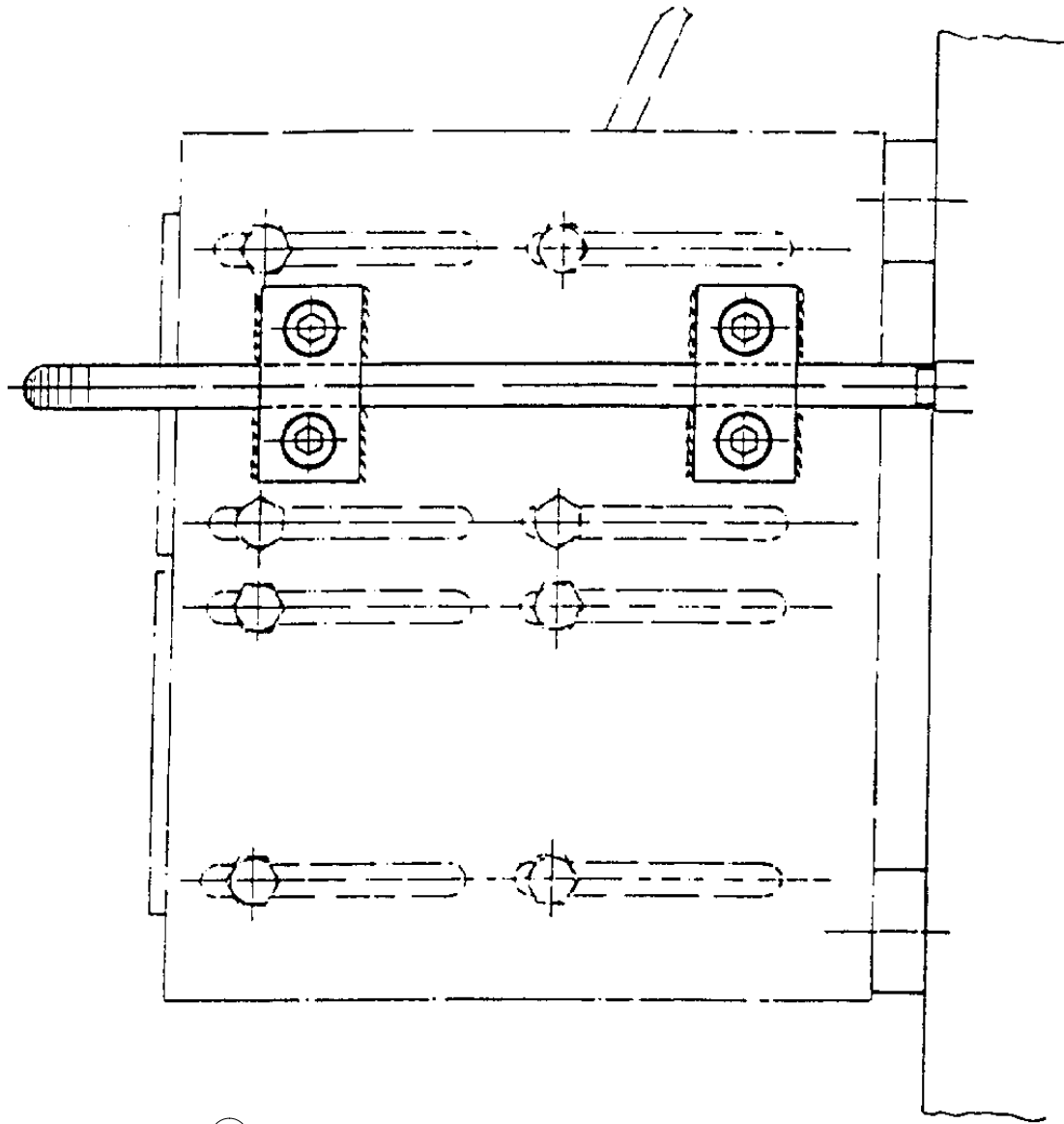




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PART LIST
XR24AA021A**DESIGNATION**
SLIDING BLOCK COOLING**DRAWING 185395**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	139943	PIPE	1 N.			
2	EED003	COLLAR	2 N.			
3	HMF126	SCREW	4 N.			
4	DCE010	CONNECTION	2 N.			
5	VAN002	NOZZLE	1 N.			
6	DCE010	CONNECTION	1 N.			
7	PAC040L01000	HOSE	1 N.			
8	PAB271	TERMINAL	1 N.			
9	139975	PLATE	2 N.			

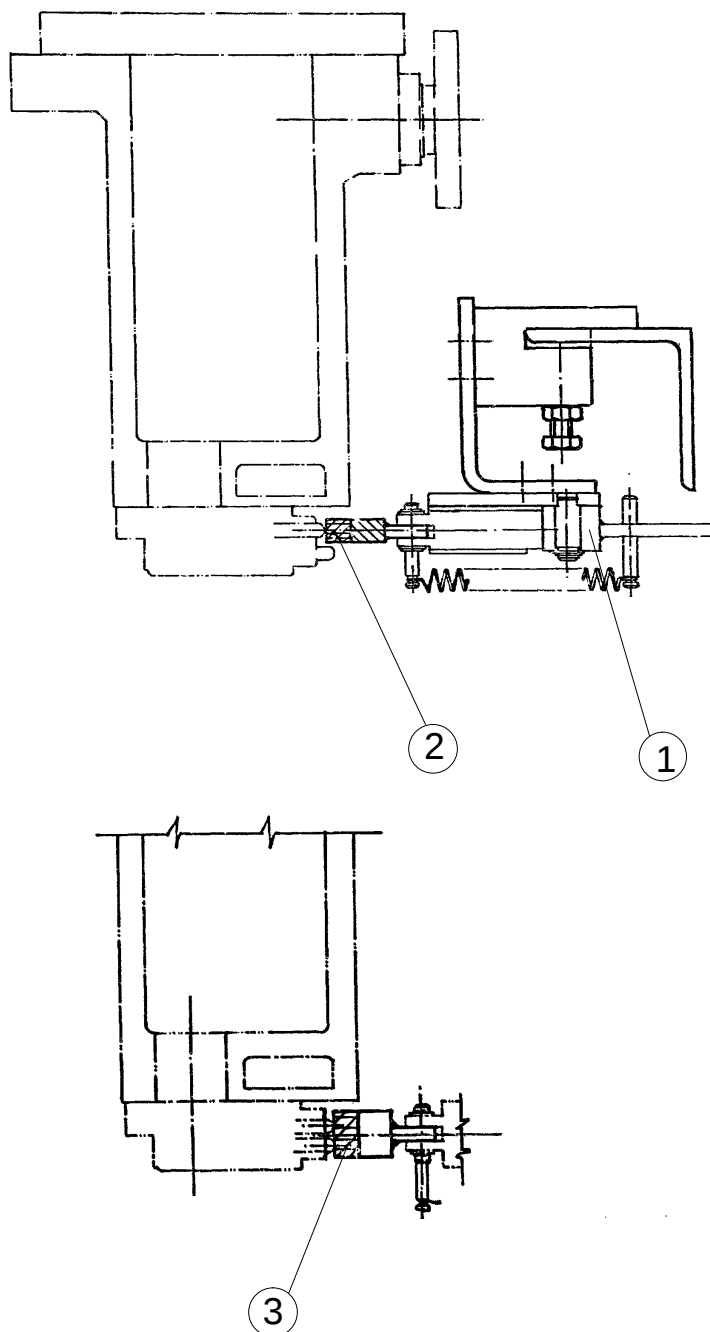




RAA415 * 463C * EUROSTAR

PART LIST
XR21AA128C**DESIGNATION**
SANITATION CONTROL**DRAWING 185393**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	XR21AA130A	DECOMPRESSION PREMOUNTING	6 N.			
2	185404/003	SANITATION RAIL	3 N.			
3	181604/003	SLIDING BLOCK	1 N.			

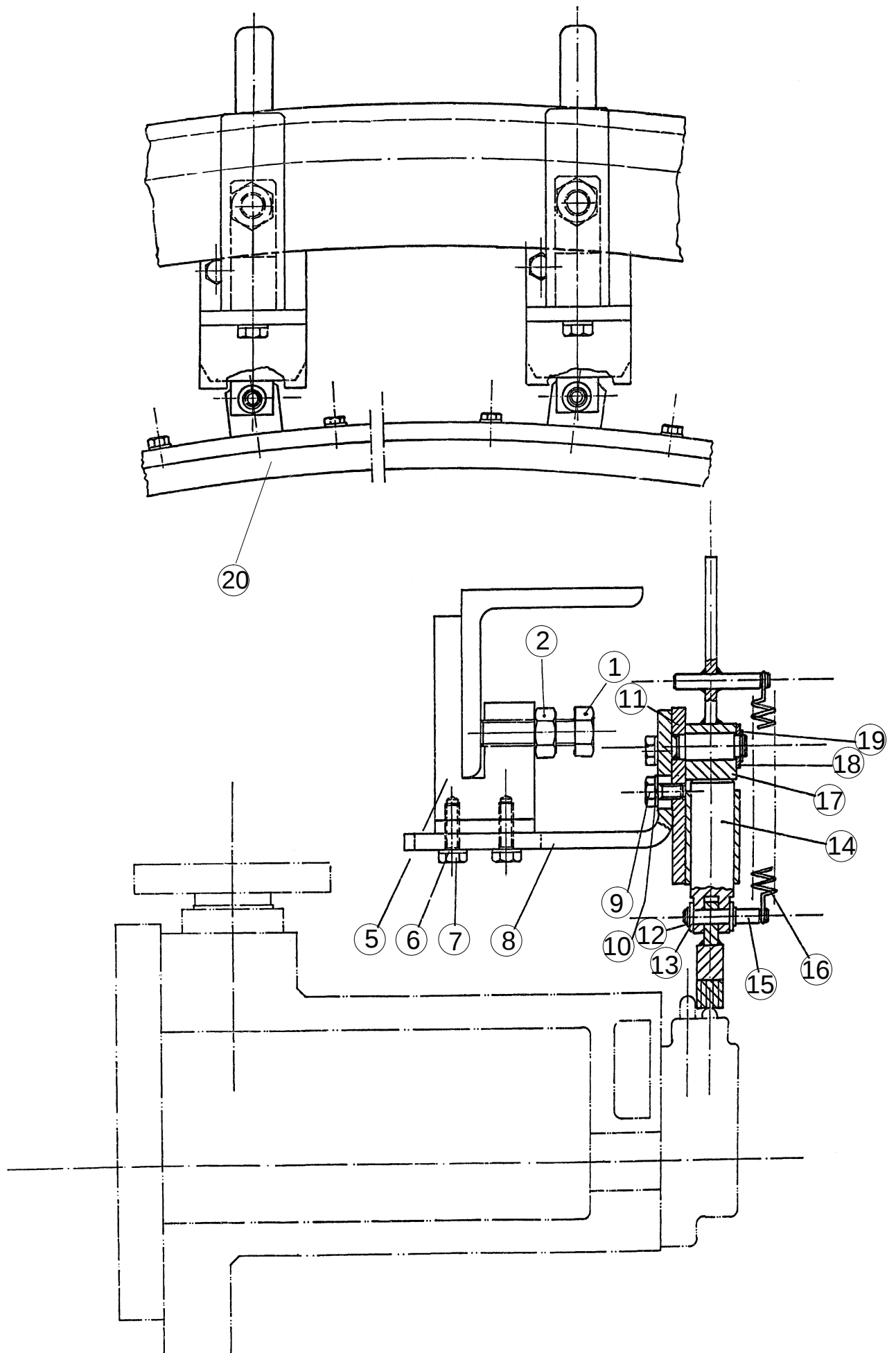




RAA415 * 463C * EUROSTAR

PART LIST
XR21AA130A**DESIGNATION**
DECOMPRESSION PREMOUNTING*DRAWING 185392*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	HLH040	SCREW	2 N.			
2	HRP014	NUT	2 N.			
5	185397	CLAMP	1 N.			
6	HLE026	SCREW	2 N.			
7	HRU008	WASHER	2 N.			
8	185398	BRACKET	2 N.			
9	HLE020	SCREW	2 N.			
10	HRU108	SPRINGWASHER	2 N.			
11	202878	SUPPORT	1 N.			
12	HZF008	EXTERNAL RETAINING RING	2 N.			
13	HRU008	WASHER	2 N.			
14	126100	PIN	1 N.			
15	108537	PIN	1 N.			
16	BWW031	SPRING	1 N.			
17	126101	CAM	1 N.			
18	108539	WASHER	1 N.			
19	HZF012	EXTERNAL RETAINING RING	1 N.			



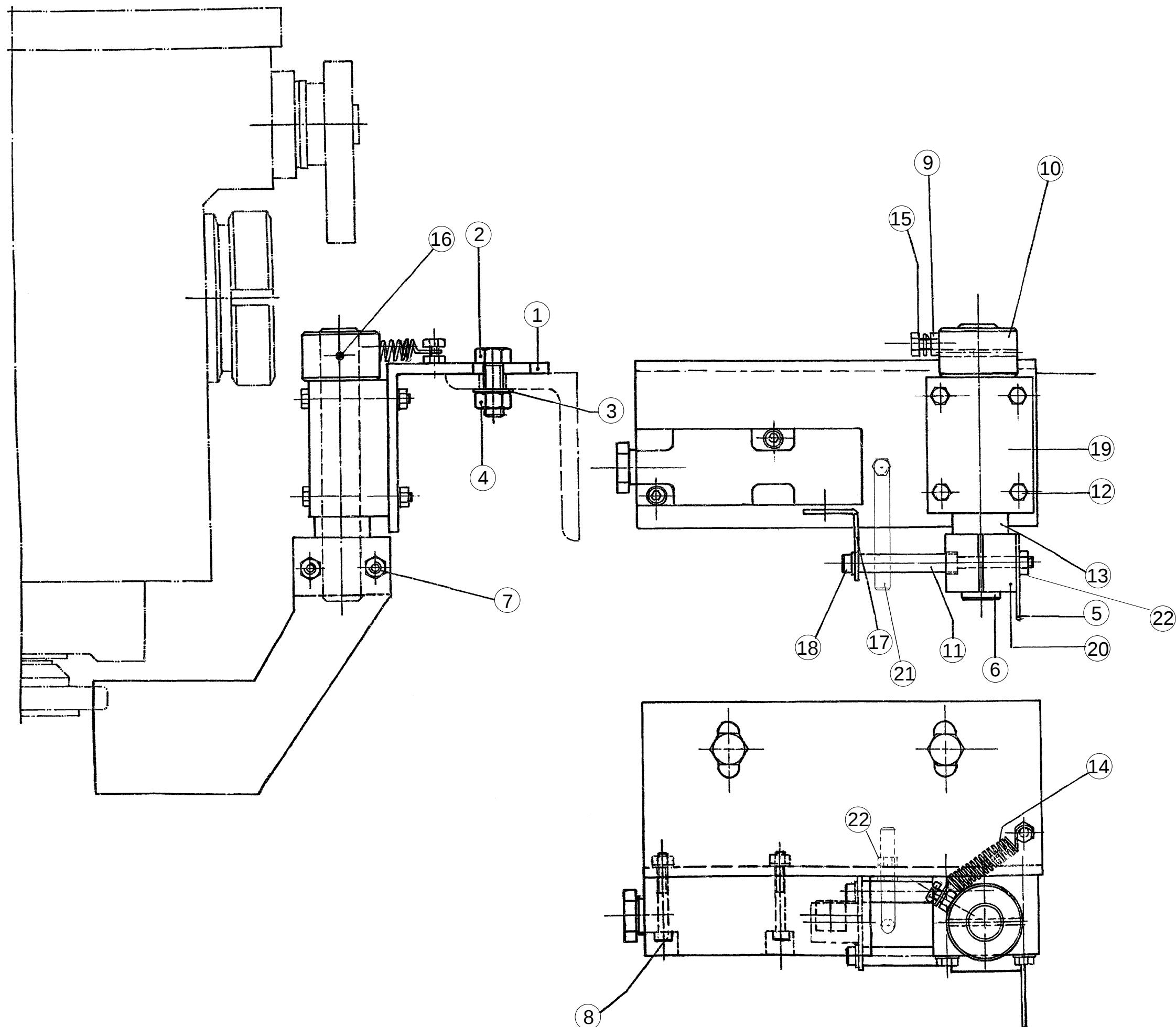


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PART LIST
XR21AA137A**DESIGNATION**
CENTERING CUP SAFETY

DRAWING 206818

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	206811	SUPPORT	1 N.			
2	HLF030	SCREW	2 N.			
3	HRU110	SPRINGWASHER	2 N.			
4	HRP010	NUT	2 N.			
5	206816	LEVER	1 N.			
6	206813	PIN	1 N.			
7	HRP006	NUT	2 N.			
8	HMC132	SCREW	2 N.			
8	HRP005	NUT	2 N.			
8	HRU105	SPRINGWASHER	2 N.			
9	HRP005	NUT	1 N.			
10	206814	RING	1 N.			
11	206815	PIN	2 N.			
12	HLC140	SCREW	4 N.			
12	HRP005	NUT	4 N.			
12	HRU105	SPRINGWASHER	4 N.			
13	021727/172	SPACER	1 N.			
14	BWW382	SPRING	1 N.			
15	HLC020	SCREW	1 N.			
16	HSP012	ELASTIC PIN	1 N.			
17	206817	STOP	1 N.			
18	HMC110	SCREW	2 N.			
18	HRU105	SPRINGWASHER	2 N.			
19	206812	SUB BASE	1 N.			
20	EED008	COLLAR	1 N.			
21	301801	STOP	1 N.			
22	HRP008	NUT	2 N.			

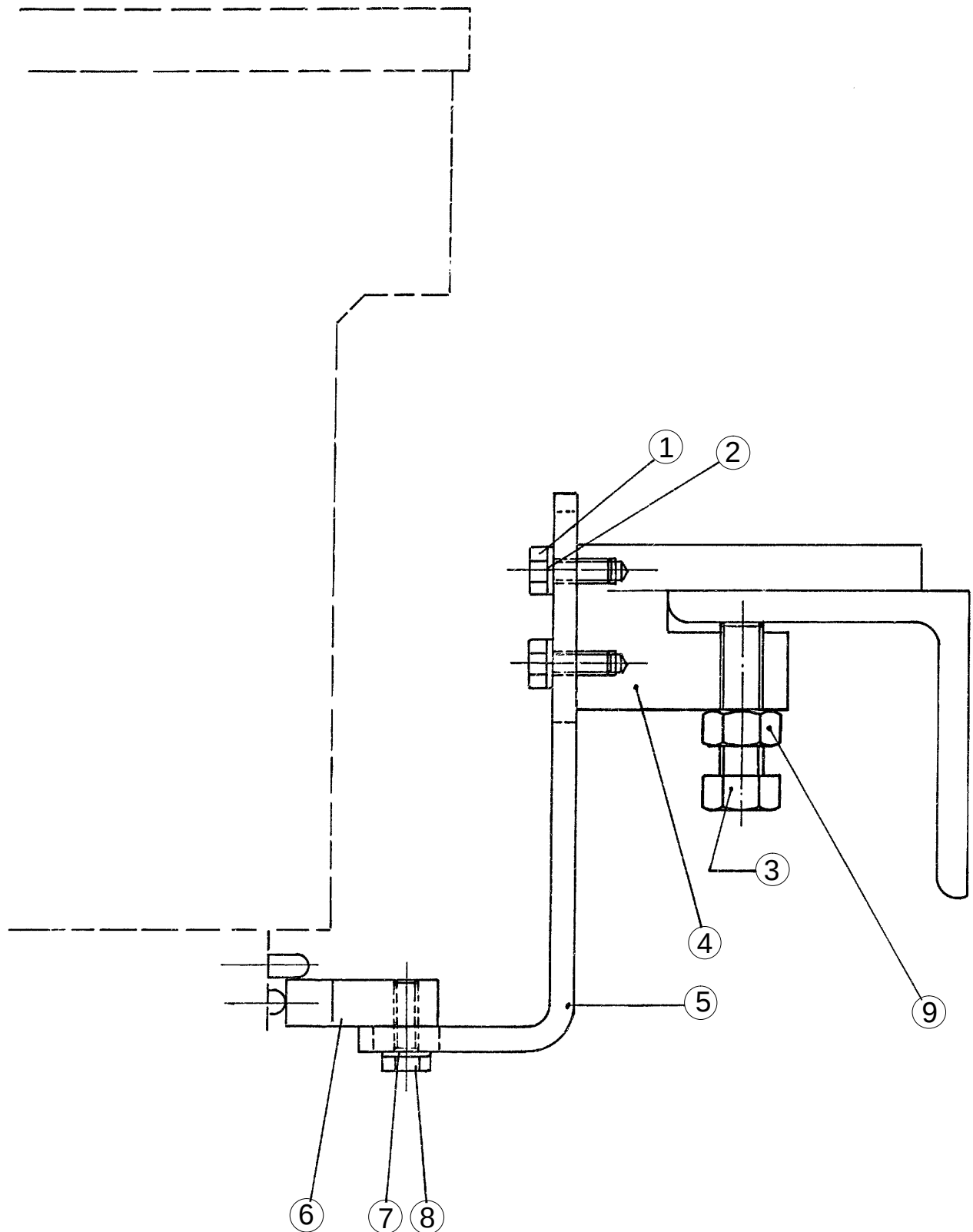




RAA415 * 463C * EUROSTAR

PART LIST
XR21AA637L**DESIGNATION**
DECOMPRESS.SLIDING BLOCK**DRAWING 185396**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	HLE020	SCREW	6 N.			
2	HRU008	WASHER	6 N.			
3	HLH040	SCREW	2 N.			
4	185397	CLAMP	2 N.			
5	185402	BRACKET	3 N.			
6	185403/055	SLIDING BLOCK	1 N.			
7	HRU008	WASHER	3 N.			
8	HLE024	SCREW	3 N.			
9	HRP014	NUT	2 N.			





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PART LIST
XR21AA631H**DESIGNATION**
FLUSHING CONTROL**DRAWING**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
	XR21AA102B	SUPPORT	2 N.			
	180422/001	SLIDING BLOCK	2 N.			

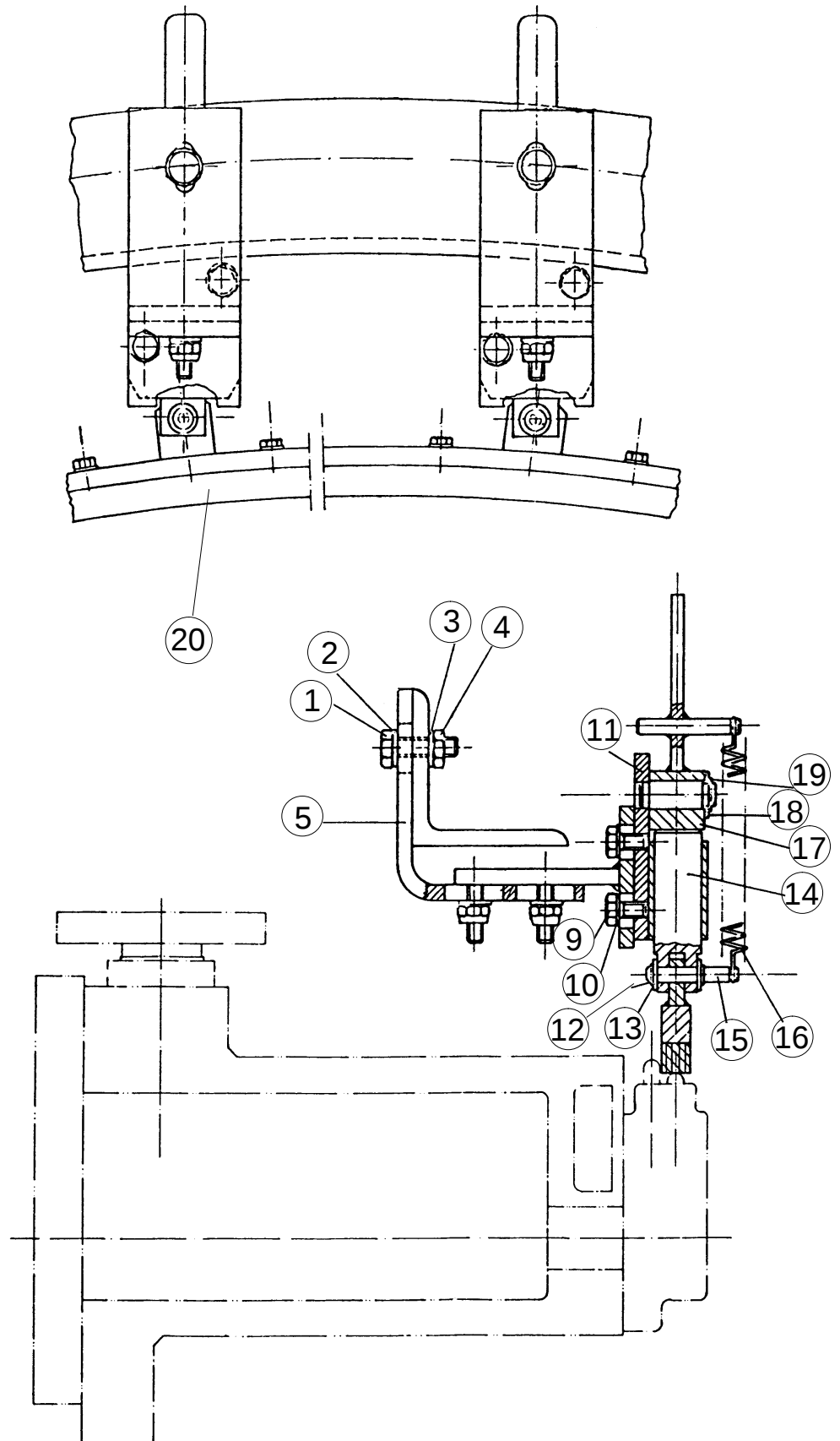


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PART LIST
XR21AA102B**DESIGNATION**
SUPPORT

DRAWING 144825

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	HLF026	SCREW	1 N.			
2	HRU010	WASHER	1 N.			
3	HRU110	SPRINGWASHER	1 N.			
4	HRP010	NUT	1 N.			
5	144826	REINFORCEMENT	1 N.			
6	HRU010	WASHER	2 N.			
7	HRR010	SELFLOCKING NUT	2 N.			
8	144827	BRACKET	1 N.			
9	HLE020	SCREW	2 N.			
10	HRU108	SPRINGWASHER	2 N.			
11	125877	SUPPORT	1 N.			
12	HZF008	EXTERNAL RETAINING RING	2 N.			
13	HRU008	WASHER	2 N.			
14	126100	PIN	1 N.			
15	108537	PIN	1 N.			
16	BWW031	SPRING	1 N.			
17	126101	CAM	1 N.			
18	108539	WASHER	1 N.			
19	HZF012	EXTERNAL RETAINING RING	1 N.			

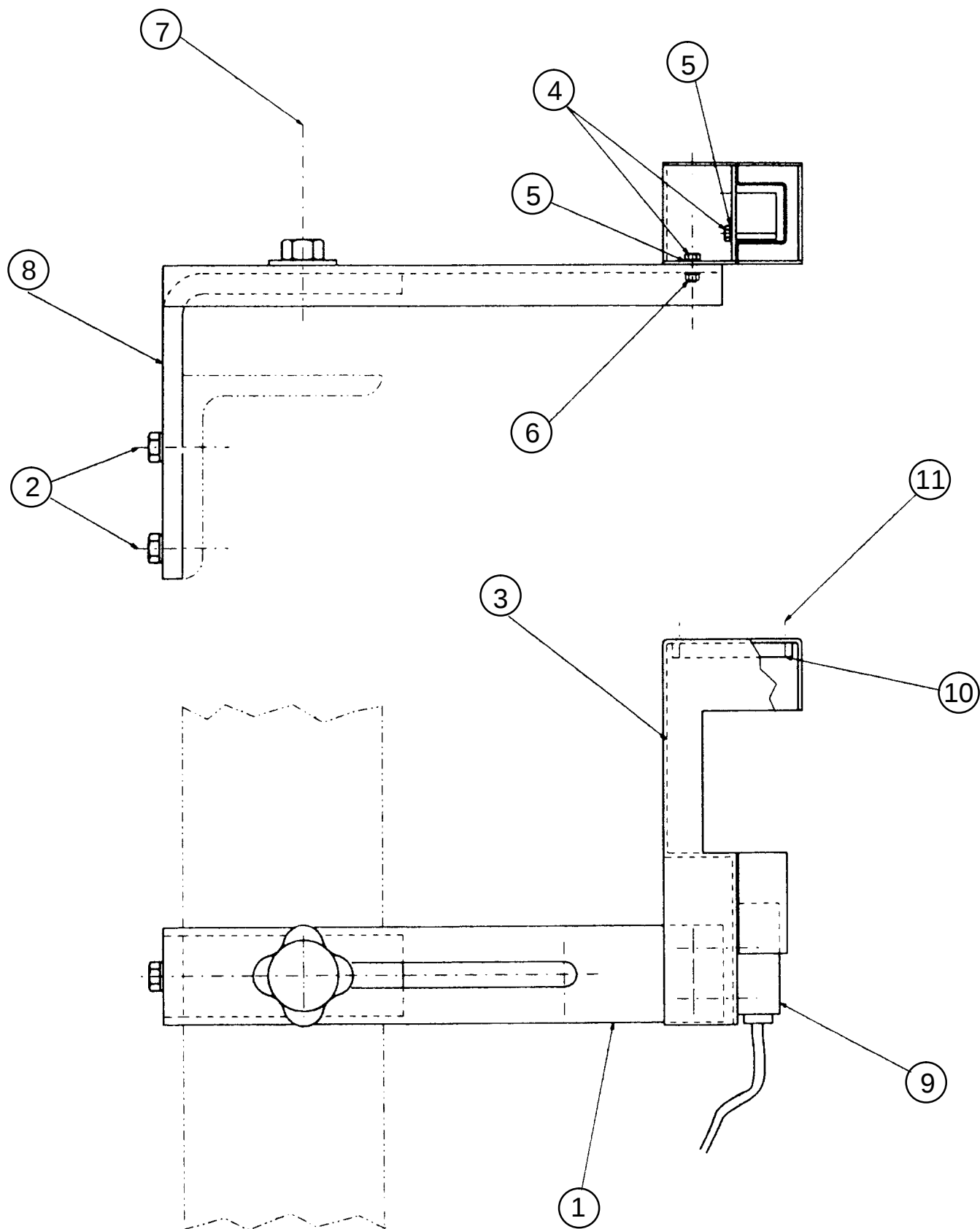




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PART LIST
XR21AA146A**DESIGNATION**
FILL.VALVE OPENING PHOT.**DRAWING 211664**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	211666	SUPPORT	1 N.			
2	HLE024	SCREW	2 N.			
2	HRU008	WASHER	2 N.			
3	211667	PROTECTION	1 N.			
4	HLB020	SCREW	4 N.			
5	HRU004	WASHER	6 N.			
6	HRP004	NUT	2 N.			
7	005103/063	WASHER	1 N.			
7	189280/016	HANDWHEEL	1 N.			
8	211665	BRACKET	1 N.			
9	ECF717	PHOTOELECTRIC SWITCH	1 N.		C	
10	ECF900	REFLECTOR	1 N.		C	
11	HPA010	SCREW	2 N.			
11	HRP003	NUT	2 N.			
11	HRU003	WASHER	2 N.			





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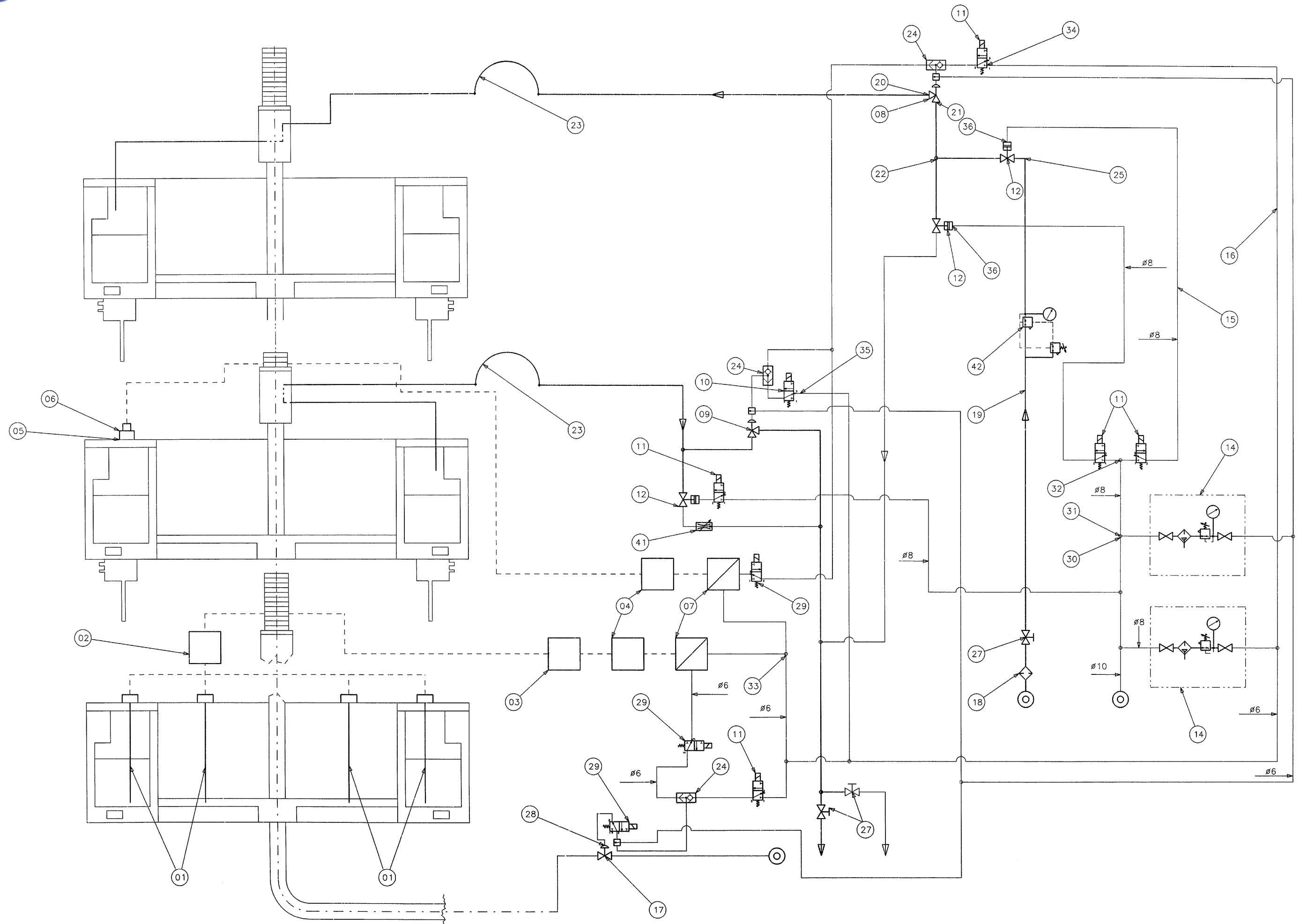
PART LIST
XR22BC504A**DESIGNATION**
CO2 UNIT

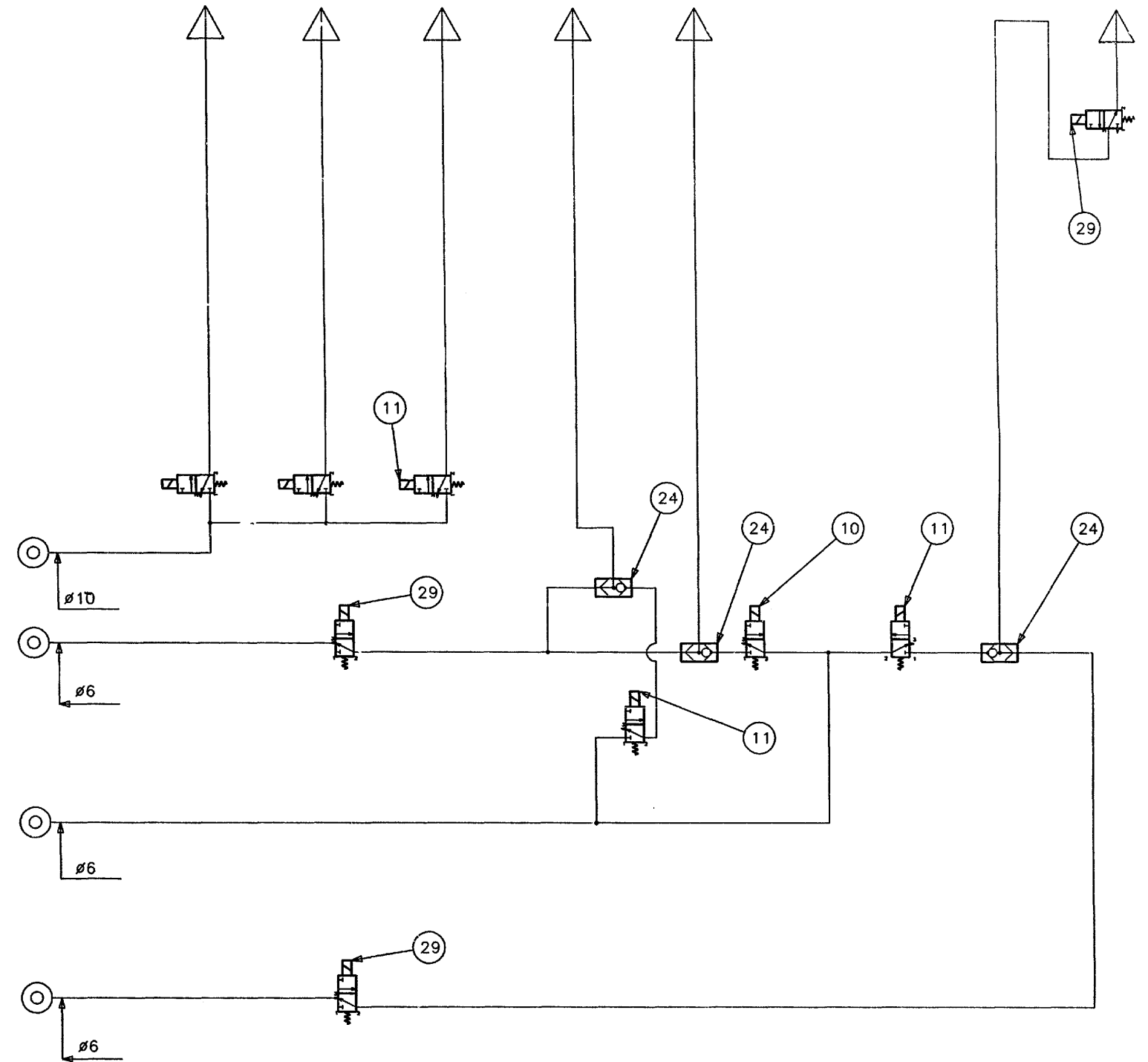
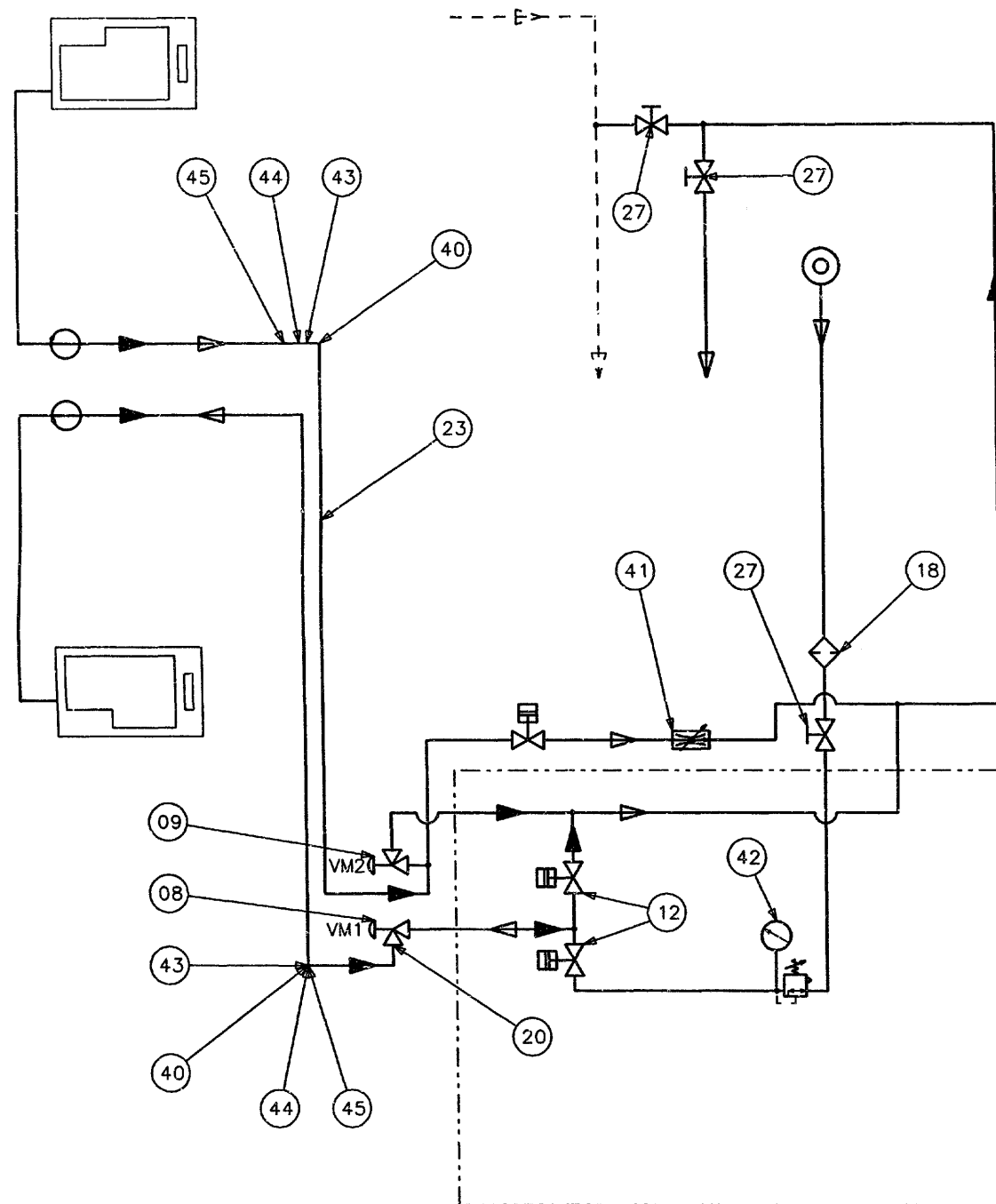
DRAWING 219203 219204

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
	EAN591	EL.BOX	1 N.			
	EAN752	PLATE	2 N.			
1	EDA145	PROBE	4 N.		C	
2	EDA133	SUPPORT	1 N.			
2	EDA132	PRE-AMPLIFIER	1 N.		C	
2	EAB265	EL.BOX	1 N.			
3	EDA130	PACK	1 N.		C	
3	EDA131	RACK	1 N.			
4	SEV677	REGULATOR	2 N.		C	
4	SEV699	SPARE PARTS KIT	2 N.			
5	DEH405	GASKET	1 N.		C	
6	SEF520	PRESSURE TRANSMITTER	1 N.		C	
6	220105	UNION	1 N.			
7	SEF504	CONVERTER	2 N.		C	
8	SEF317	CO2 VALVE	1 N.		C	K
KIT	SEF316	SPARE PARTS KIT	N.			
9	SEF318	CO2 VALVE	1 N.		C	K
10	PAQ086	BASE	1 N.			
10	PAR999	COIL	1 N.			
10	PAU980	CONNECTOR	1 N.		C	
10	PAU199	PILOT	1 N.		C	
11	PAQ086	BASE	5 N.			
11	PAR999	COIL	5 N.			
11	PAU200	PILOT	5 N.		C	
11	PAU980	CONNECTOR	5 N.		C	
12	PDC200	PNEUMATIC VALVE	2 N.			
13	PAB020	TERMINAL	6 N.			
13	PDC120	PNEUMATIC VALVE	1 N.			
14	SEF312	FILTER	2 N.			
15	PAC050	HOSE	16 MT			
16	PAC030	HOSE	8 MT			
17	PAM079	VALVE	1 N.		C	K
KIT	PAM120	MEMBRANE	N.			
18	XR14AF021A	FILTER	1 N.			
19	199383/002	PIPE	2 N.			
20	DEF800	UNION	4 N.			
20	DEG015	SLOTTER NUT	4 N.			
20	DEH015	GASKET	4 N.		C	
20	DET250	REDUCTION	4 N.			
21	DEF802	UNION	4 N.			

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POS.	ITEM	DESIGNATION	Q.TY	S	R	K
21	DEG025	SLOTTER NUT	4 N.			
21	DEH200	GASKET	4 N.		C	
22	PEG073	TEE PIECE	5 N.			
23	GFA545	PIPE	2 N.			
24	PAL220	VALVE	3 N.		C	
25	PEG131	UNION	12 N.			
27	DQC065	VALVE	3 N.			
28	DCG010	NIPPLE	1 N.			
29	PAR511	CONNECTOR	3 N.		C	
29	PAR999	COIL	3 N.			
29	PDA276	SOLENOID VALVE	3 N.		C	
30	PAA114	CONNECTION	3 N.		C	
31	PAA360	CONNECTION	4 N.		C	
32	PAA113	CONNECTION	5 N.		C	
33	PAA112	CONNECTION	10 N.		C	
34	PAA154	CONNECTION	10 N.		C	
35	PAA378	UNION	4 N.			
36	PAA157	CONNECTION	10 N.		C	
37	PAA155	CONNECTION	20 N.		C	
38	PAA156	CONNECTION	10 N.			
39	PEG083	UNION	4 N.			
40	DER025	ELBOW	4 N.			
41	DNS020	VALVE	1 N.			
41	199383/004	PIPE	1 N.			
42	PAA112	CONNECTION	1 N.		C	
42	PAA154	CONNECTION	3 N.		C	
42	PAA155	CONNECTION	4 N.		C	
42	PAA357	CONNECTION	1 N.			
42	PAA391	CONNECTION	1 N.			
42	PAC030	HOSE	1 MT			
42	PBC621	REGULATOR	1 N.		C	K
KIT	PBC996	SPARE PARTS KIT	N.			
42	PBC650	REGULATOR	1 N.		C	K
KIT	PBC993	SPARE PARTS KIT	N.			
42	SBG470	PRESSURE GAUGE	1 N.		C	
43	DEF802	UNION	4 N.			
44	DEG025	SLOTTER NUT	4 N.			
45	DEH200	GASKET	4 N.		C	
47	DCE020	CONNECTION	2 N.			
47	DED025	CONNECTION	2 N.			
47	152473/004	PLUG	1 N.			



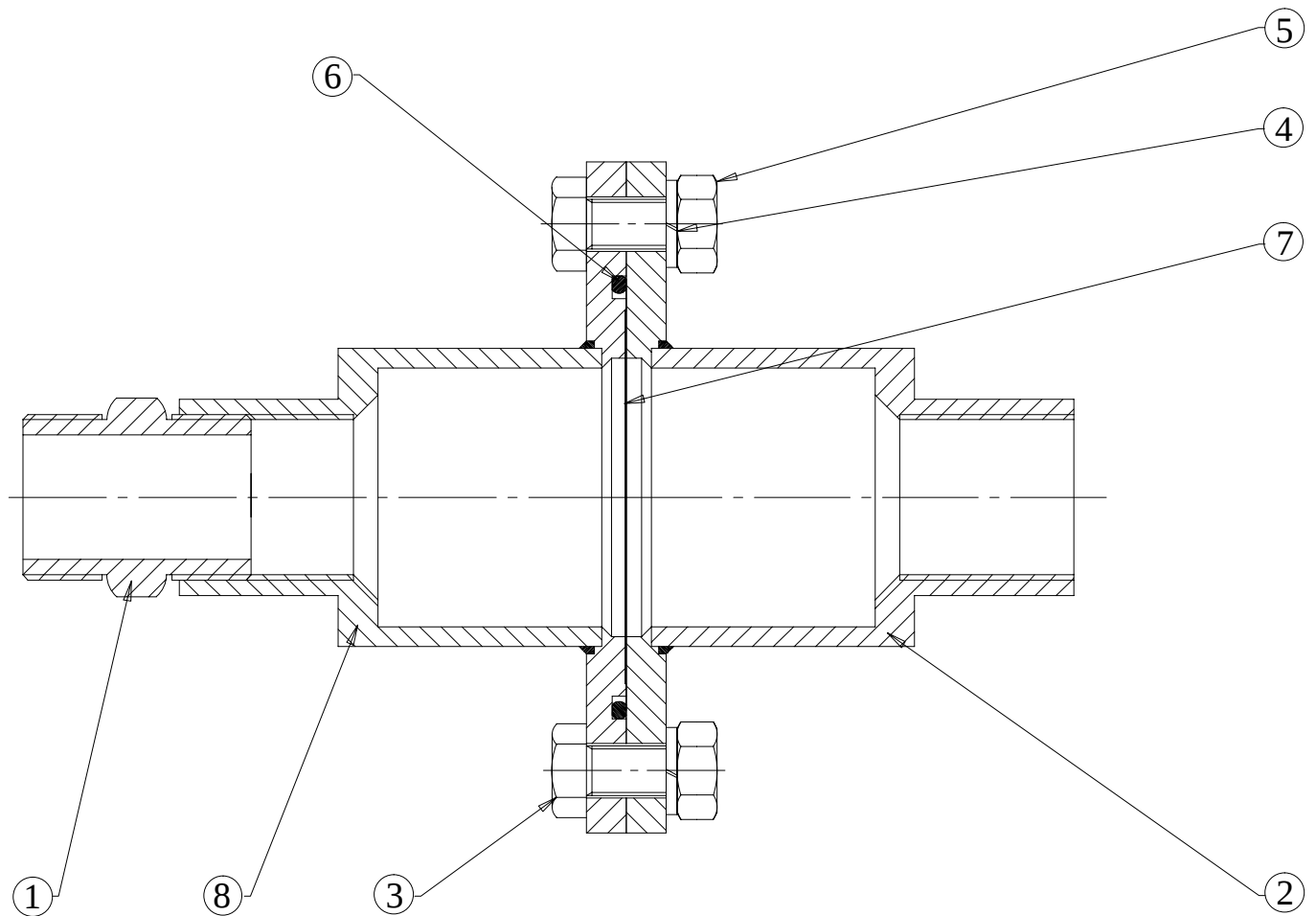




RAA415 * 463C * EUROSTAR

PART LIST
XR14AF021A**DESIGNATION**
FILTER*DRAWING 209490*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	DCG030	NIPPLE	1 N.			
2	209491	FLANGE	1 N.			
3	HLF024	SCREW	6 N.			
4	HRU110	SPRINGWASHER	6 N.			
5	HRP010	NUT	6 N.			
6	GAM325	O-RING	1 N.			
7	209493	FILTER	1 N.			
8	209492	FLANGE	1 N.			

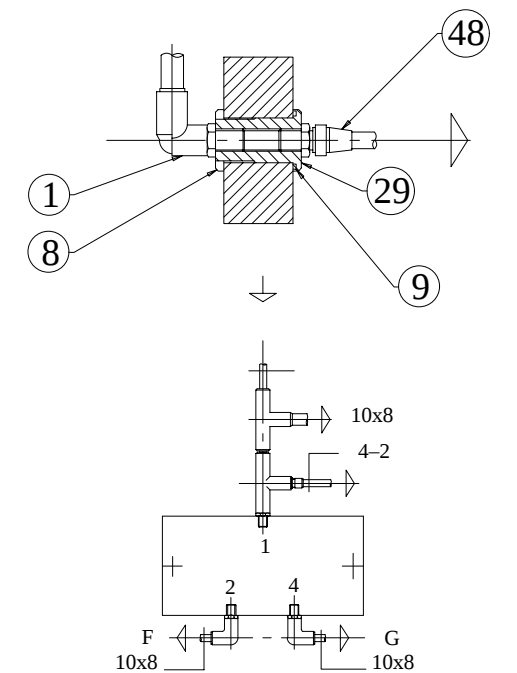
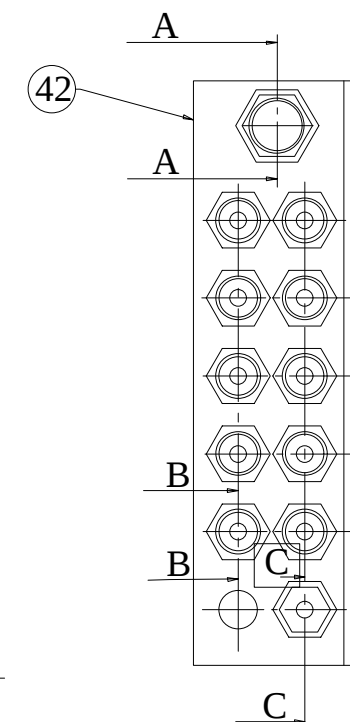
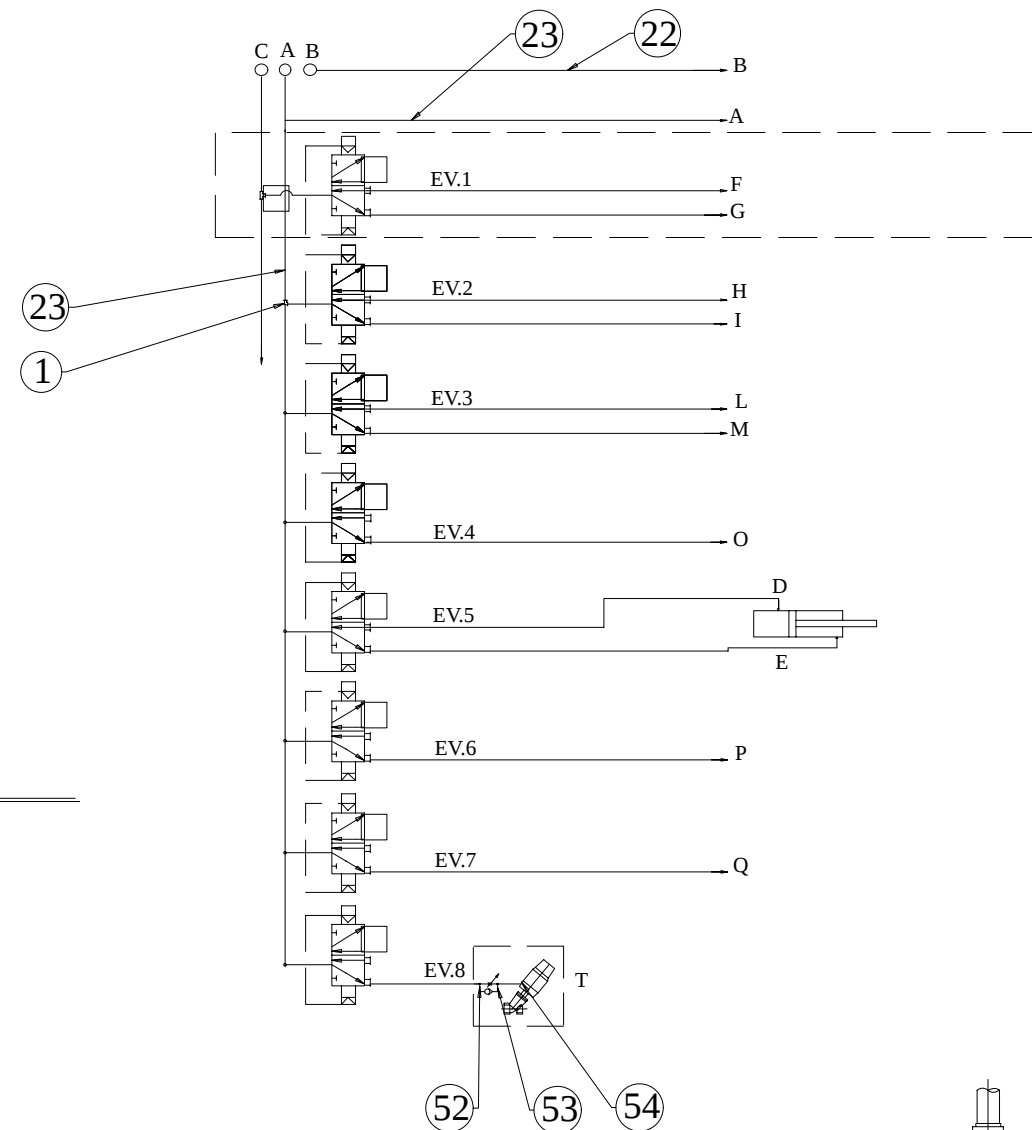
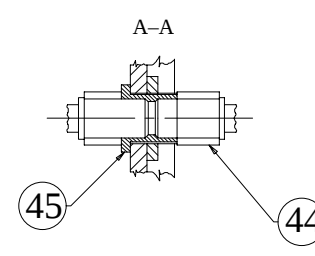
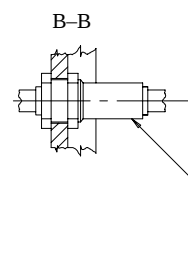
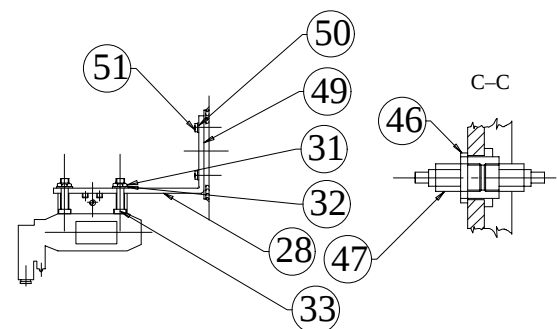
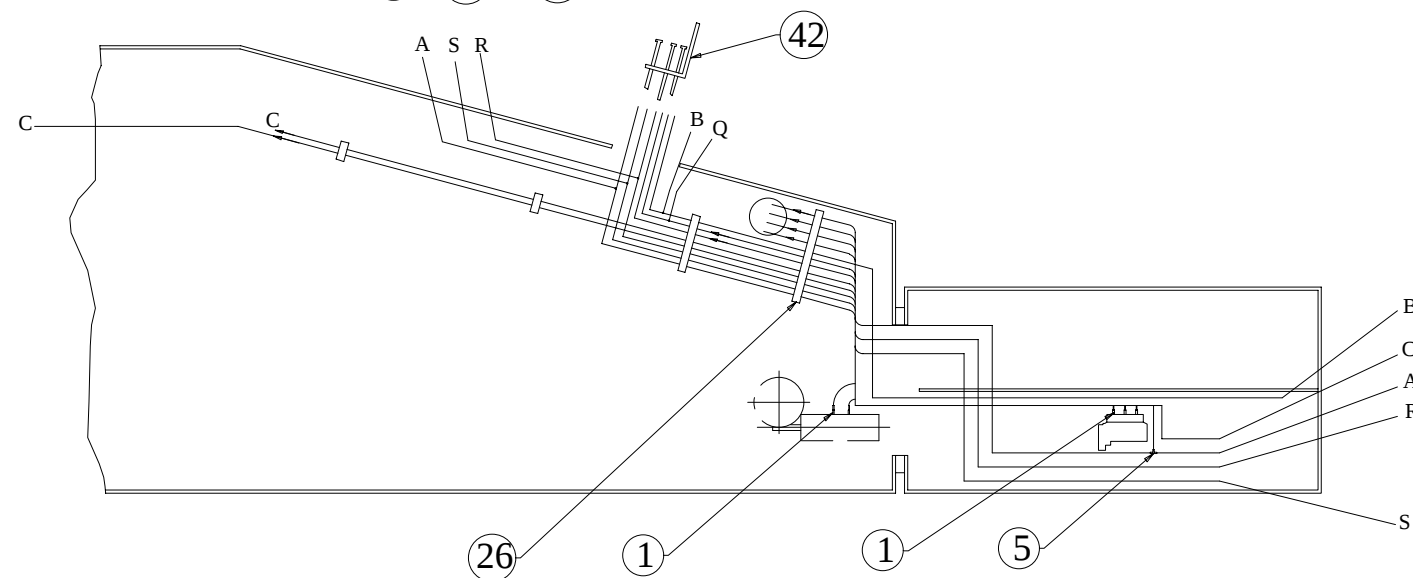
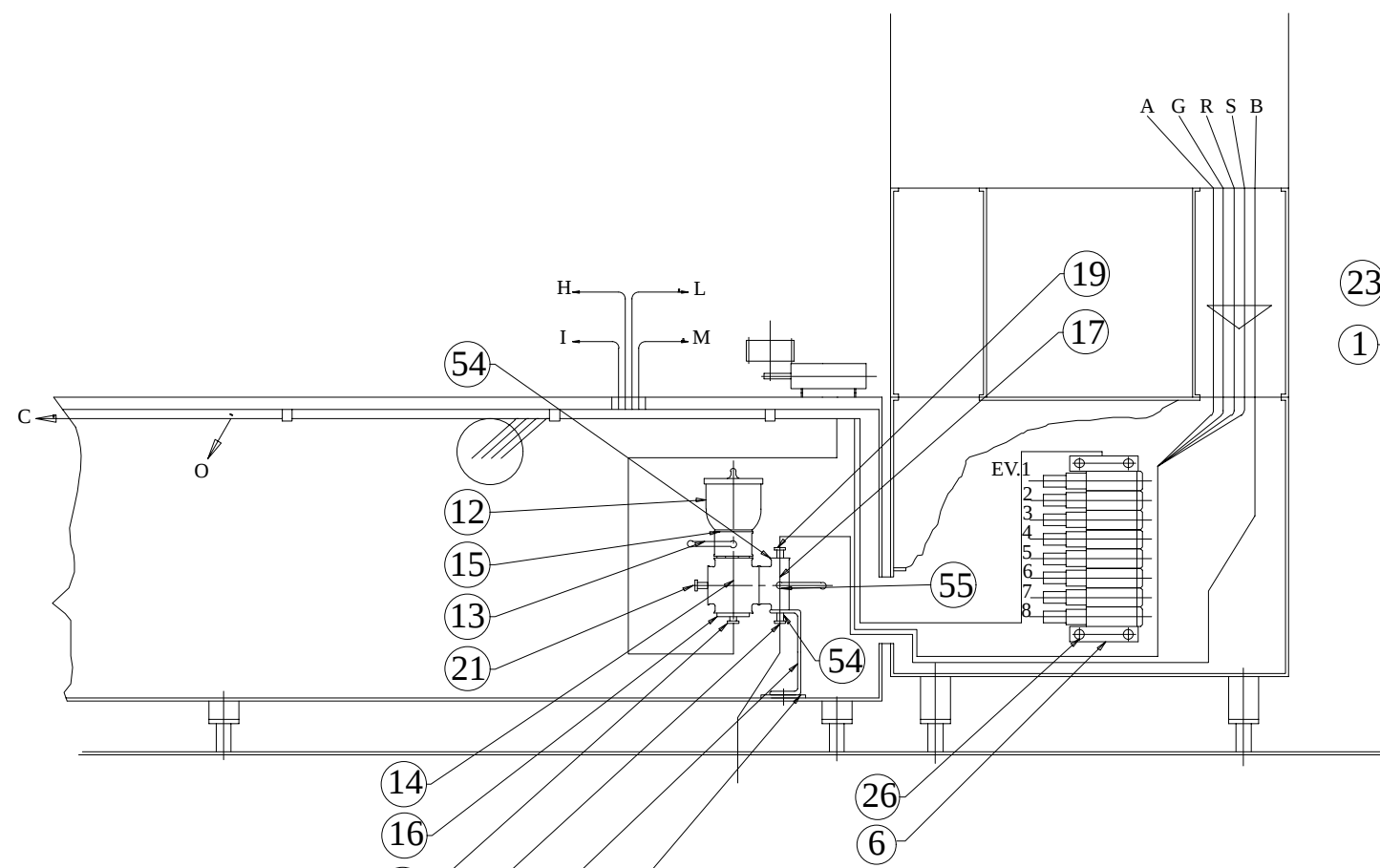




RAA415 * 463C * EUROSTAR

PART LIST
XR23AA029A**DESIGNATION**
BOTTLE LIFT LUBRICATION*DRAWING 151563*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
12	LCA230	LUBRICATOR	1 N.			
13	DPD015	VALVE	1 N.			
14	DGL015	CROSS	1 N.			
15	DGC015	NIPPLE	3 N.			
16	DGN011	REDUCTION	1 N.			
17	DND020	VALVE	1 N.			
18	PAA388	CONNECTION	1 N.		C	
19	PAA390	CONNECTION	1 N.		C	
20	PAA160	CONNECTION	1 N.			
21	PAA151	CONNECTION	1 N.		C	
27	151564	SUPPORT	1 N.			
52	PAA015	CONNECTION	2 N.			
53	DGC015	NIPPLE	1 N.			
54	PEA269	REDUCTION	2 N.			
55	DCM020	REDUCTION	2 N.			

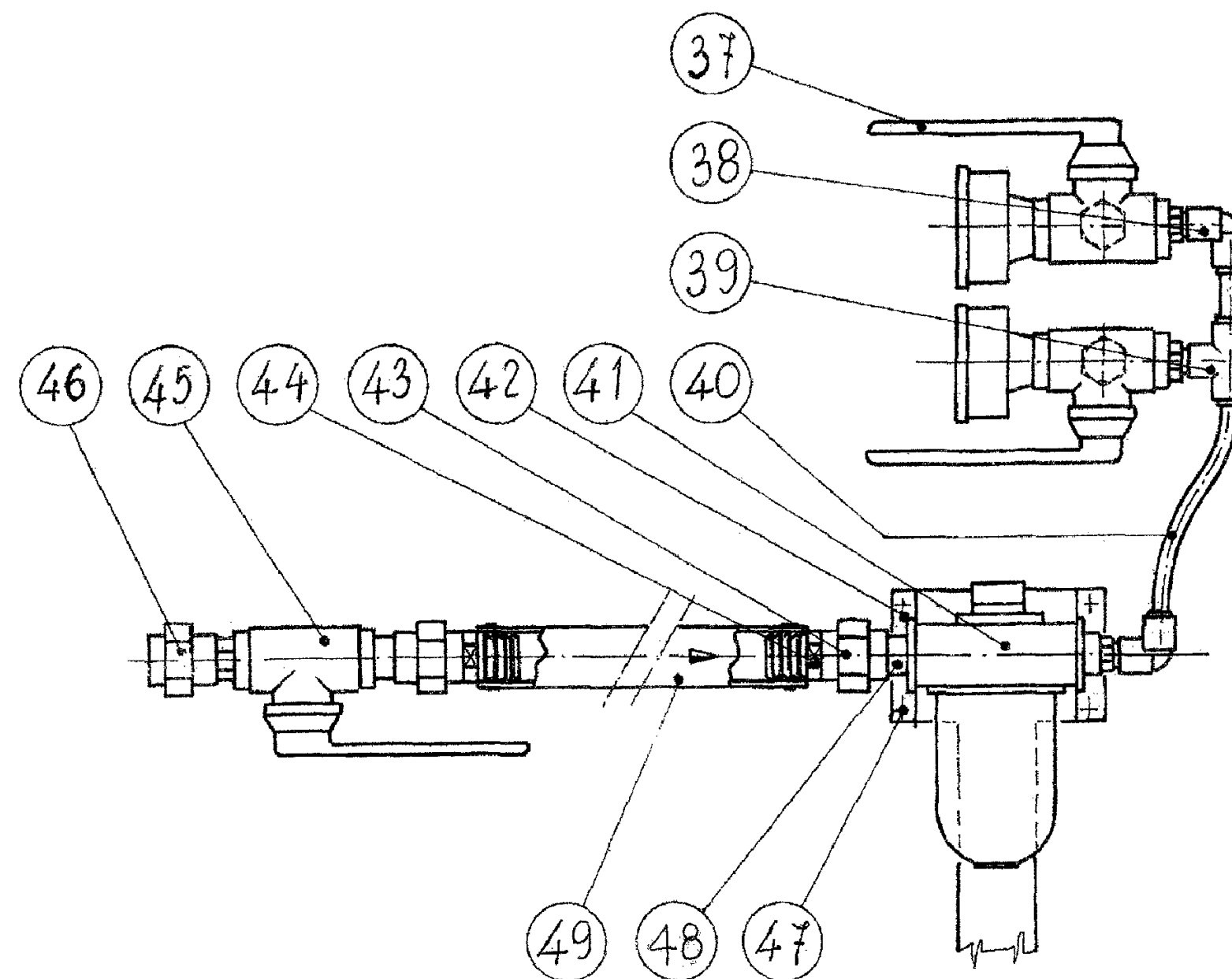




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PART LIST
XR23AA557E**DESIGNATION**
PNEUMATIC UNIT*DRAWING 346914*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
37	DND020	VALVE	2 N.			
38	PAA164	CONNECTION	2 N.			
39	PAA142	CONNECTION	1 N.			
40	PAA443	UNION	1 N.			
41	PAN932	LUBRICATOR	1 N.			
42	PAN051	BRACKET	1 N.			
43	DCN020	UNION	3 N.			
44	DLQ020	RUBBER HOLDER	2 N.			
45	DPD020	VALVE	1 N.			
46	DCG020	NIPPLE	2 N.			
47	HLE016	SCREW	4 N.			
48	DCF020	NIPPLE	1 N.			
49	GFA485	HOSE	1 MT			

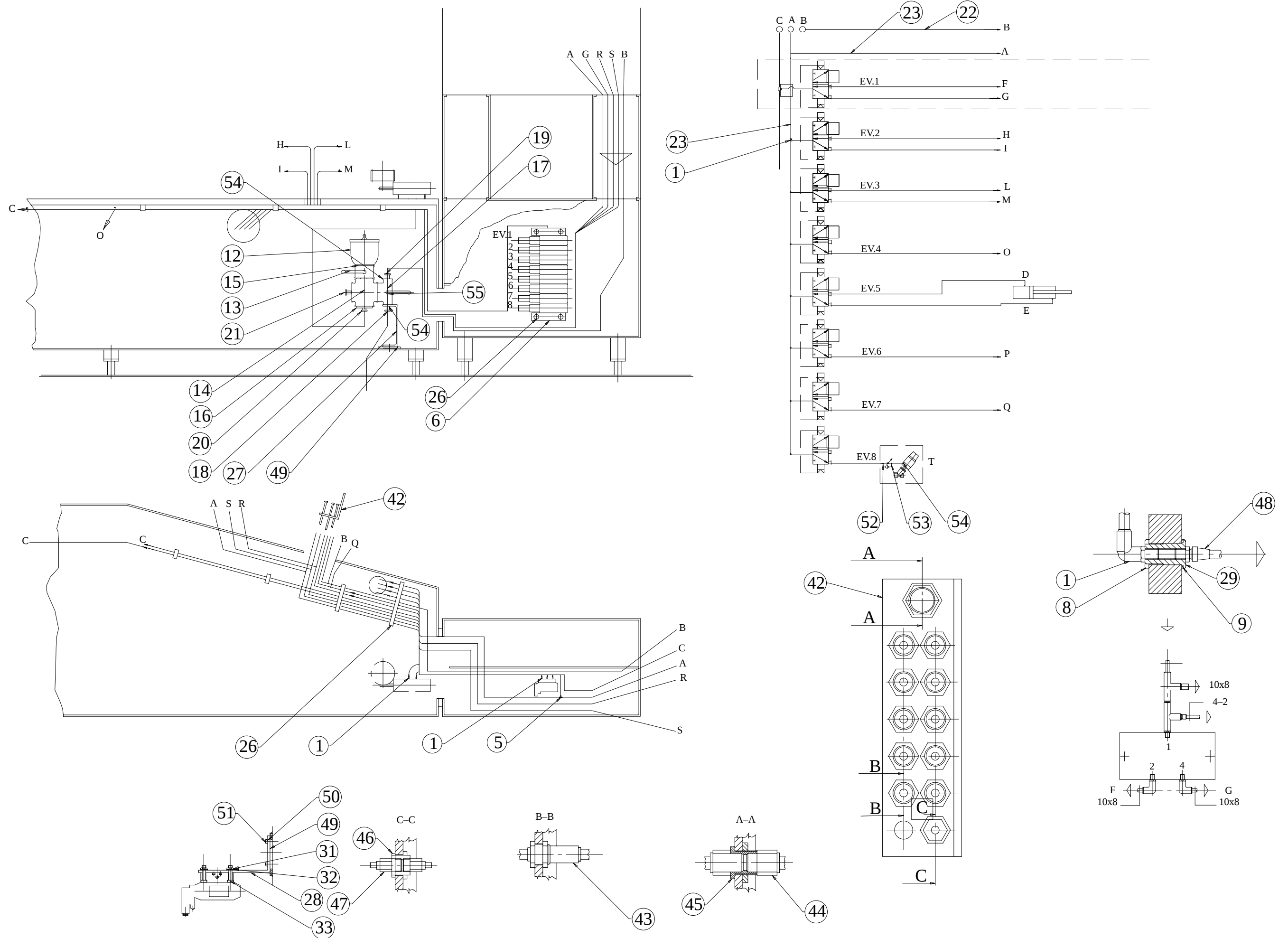




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PART LIST
XR23AA026A**DESIGNATION**
PANEL PNEUMATIC UNIT*DRAWING 151563*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	PAA157	CONNECTION	4 N.		C	
6	PAQ800	BASE	1 N.			
8	HHA220	NUT	2 N.			
9	GAL100	O-RING	2 N.		C	
10	PAA387	CONNECTION	6 N.		C	
11	PAA003	CONNECTION	4 N.			
22	PAC070	HOSE	4 MT			
23	PAC040	HOSE	3 MT			
24	PAC040	HOSE	3 MT			
25	PAC020	HOSE	2 MT			
26	PAC104	PIPE CLAMPING	1 N.			
26	PAC108	PIPE CLAMPING	10 N.			
26	PAC110	PIPE CLAMPING	2 N.			
29	151567	PIPE GLAND	2 N.			
31	HRP005	NUT	4 N.			
32	HRU105	SPRINGWASHER	4 N.			
33	HMC134	SCREW	4 N.			
35	DCB010	PLUG	1 N.			
36	PAA137	CONNECTION	1 N.			
37	DGA010	CONNECTION	4 N.			
42	139972	BRACKET	1 N.			
43	PAA193	CONNECTION	7 N.			
44	PAA389	CONNECTION	2 N.			
45	PAA003	CONNECTION	1 N.			
46	PAA380	CONNECTION	1 N.			
47	PAA002	CONNECTION	1 N.		C	





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PART LIST
XR23AA026F**DESIGNATION**
BOTTLE STOP PNEUM.UNIT**DRAWING**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
	PAA157	CONNECTION	2 N.		C	
	PAQ525	BASE	1 N.			
	PAR999	COIL	1 N.			
	PAU980	CONNECTOR	1 N.		C	
	PDD403	DISTRIBUTOR	1 N.		C	



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PART LIST
XR23AA026C**DESIGNATION**
WASHING PNEUMATIC UNIT**DRAWING**

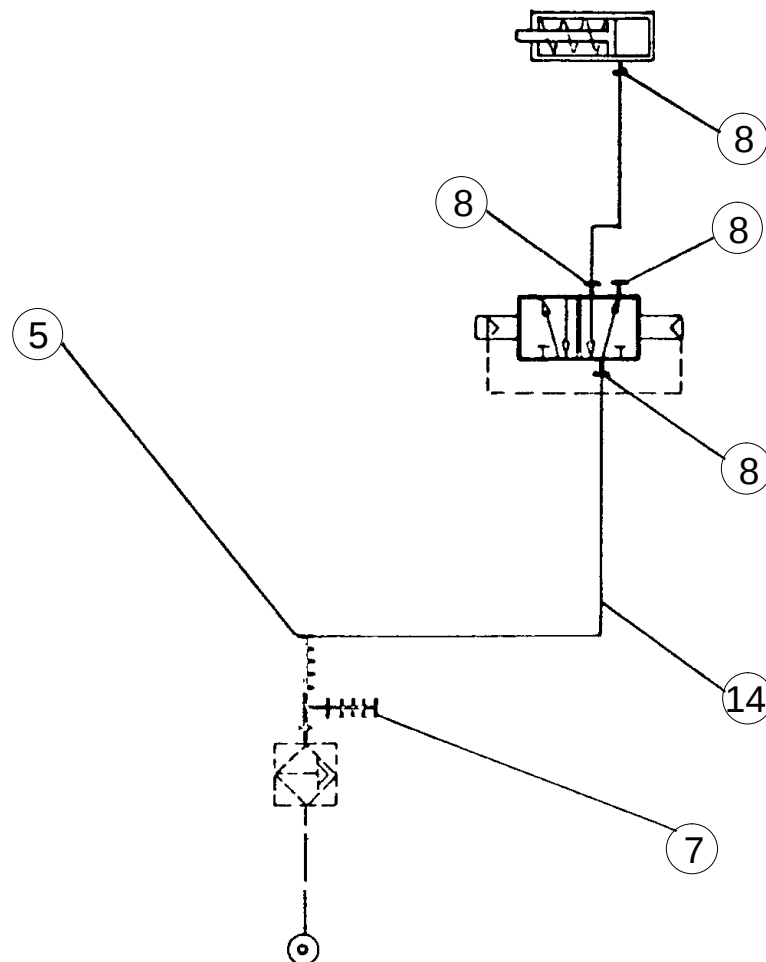
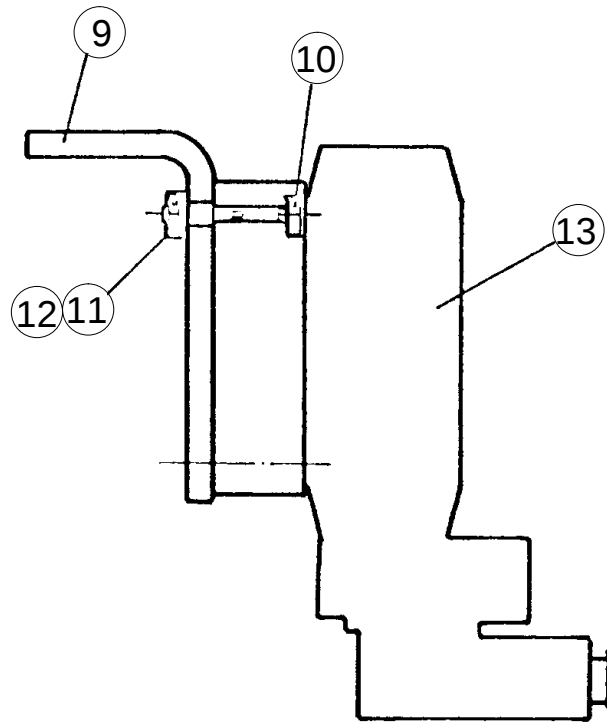
POS.	ITEM	DESIGNATION	Q.TY	S	R	K
	PAA157	CONNECTION	1 N.		C	
	PAQ525	BASE	1 N.			
	PAR999	COIL	1 N.			
	PAU980	CONNECTOR	1 N.		C	
	PDD403	DISTRIBUTOR	1 N.		C	
	PAA022	PLUG	1 N.			



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PART LIST
XR23AA539A**DESIGNATION**
BRAKE-PNEUM.UNIT**DRAWING 165928**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
5	PAA113	CONNECTION	1 N.		C	
7	PAA263	PLUG	1 N.			
8	PAA157	CONNECTION	3 N.		C	
8	PBC290	REGULATOR	1 N.			
8	PBF020	PRESSURE GAUGE	1 N.		C	
9	090203	SUPPORT	2 N.			
10	HMC134	SCREW	4 N.			
11	HRU005	WASHER	4 N.			
12	HRP005	NUT	4 N.			
13	PAQ525	BASE	1 N.			
13	PAQ800	BASE	1 N.			
13	PAR999	COIL	1 N.			
13	PAU980	CONNECTOR	1 N.		C	
13	PDD403	DISTRIBUTOR	1 N.		C	
14	PAC040	HOSE	5 MT			
17	PAA156	CONNECTION	2 N.			
18	PBC980	CLAMPING	1 N.			

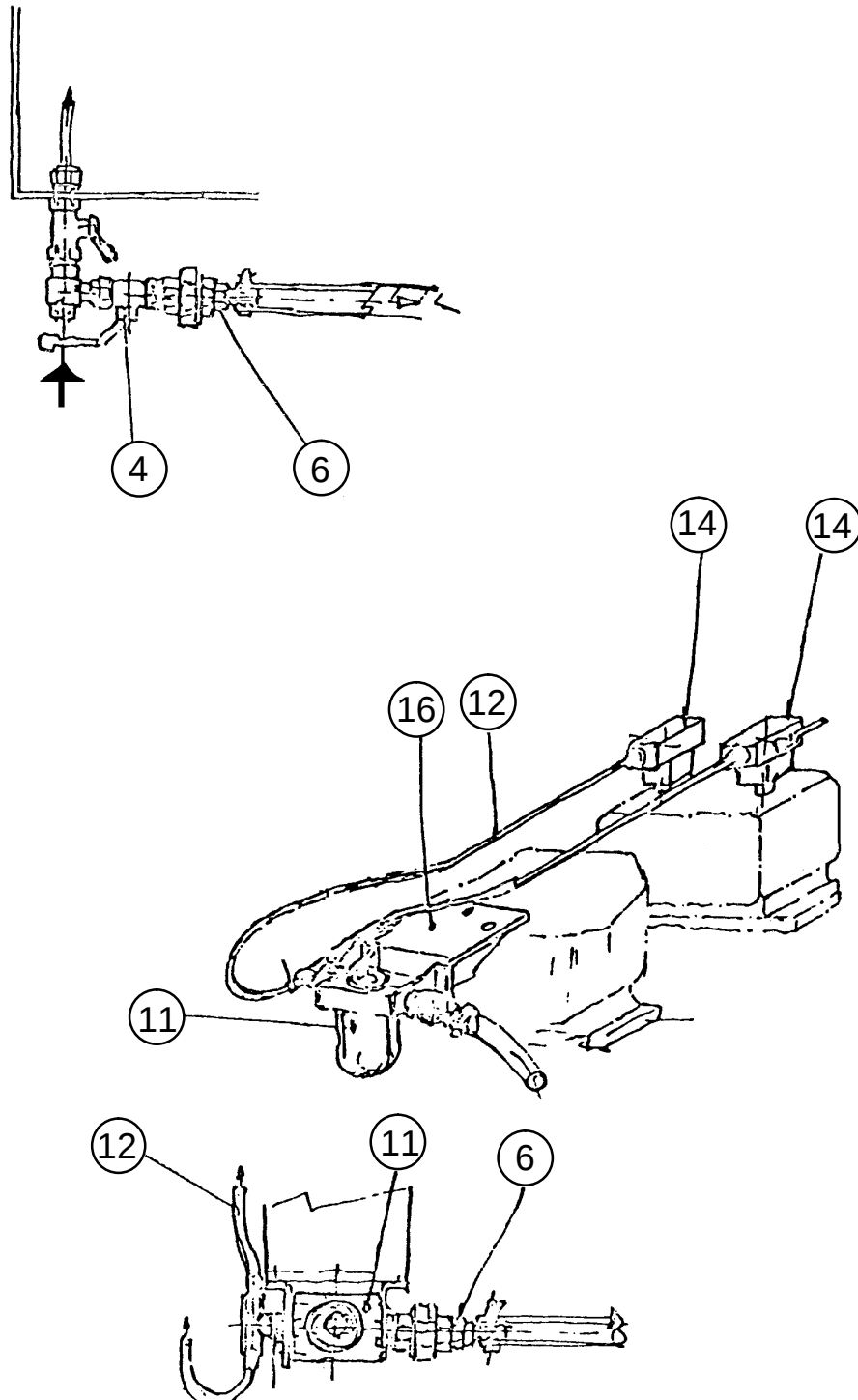




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PART LIST
XR23AA006A**DESIGNATION**
RING BOWL LIFTING*DRAWING 084160*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
4	DPD020	VALVE	1 N.			
6	DLQ020	RUBBER HOLDER	2 N.			
11	PBV110	YOKE	1 N.			
11	PBV210	INSERT	2 N.			
11	PBD503	LUBRICATOR	1 N.			
11	285693	BRACKET	1 N.			
12	PAC080	HOSE	4 MT			
14	DND020	VALVE	2 N.			
16	HLE016	SCREW	4 N.			
16	HLE022	SCREW	2 N.			
16	HRP008	NUT	6 N.			
16	110605	SUPPORT	1 N.			
16	110606	SUPPORT	1 N.			

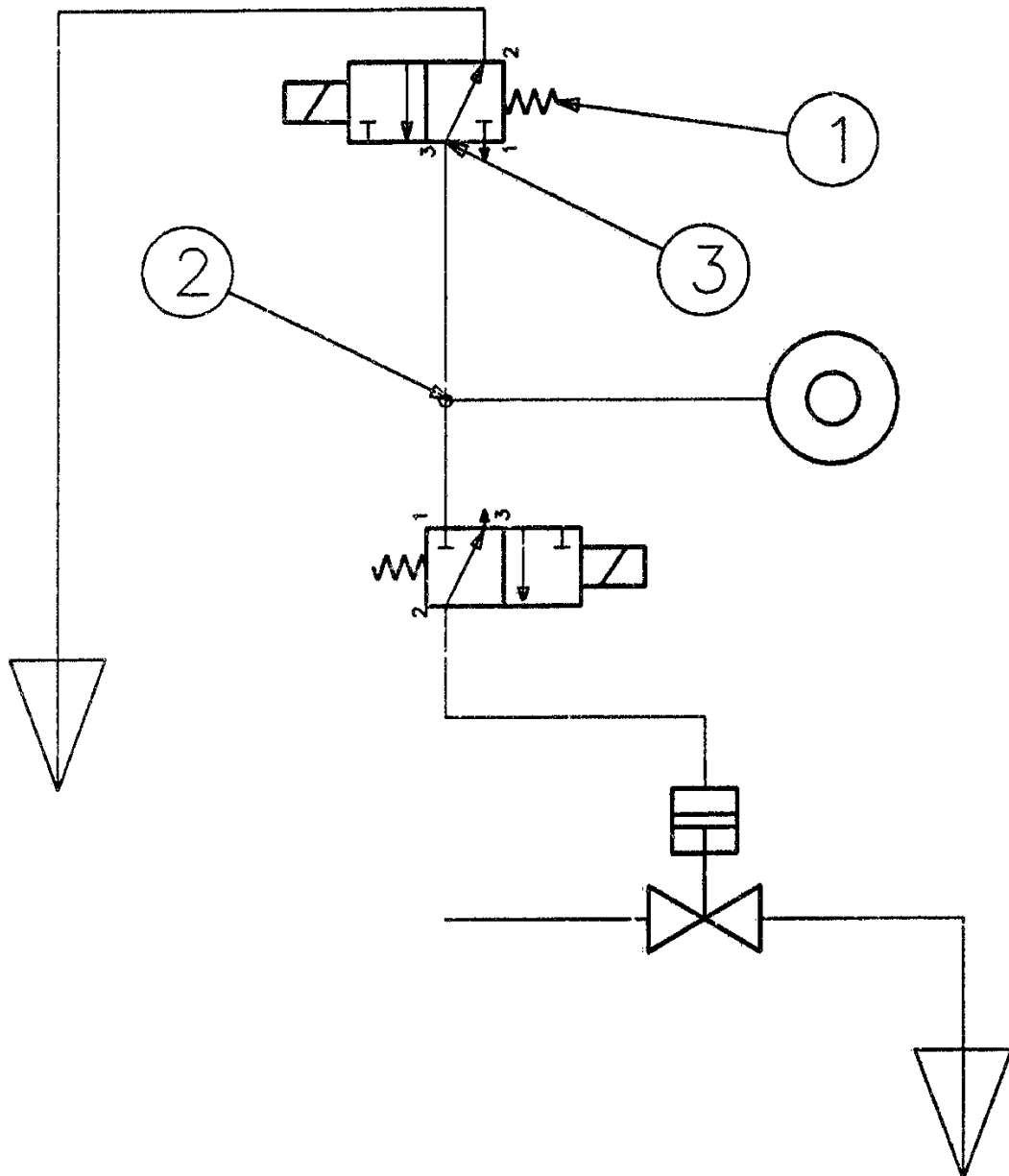




RAA415 * 463C * EUROSTAR

PART LIST
XR23AA035A**DESIGNATION**
DIAGRAM*DRAWING 199348*

<i>POS.</i>	<i>ITEM</i>	<i>DESIGNATION</i>	<i>Q.TY</i>	<i>S</i>	<i>R</i>	<i>K</i>
1	HMD110	SCREW	1 N.			
1	PAR511	CONNECTOR	1 N.		C	
1	PAR512	CLAMPING	1 N.			
1	PAR999	COIL	1 N.			
1	PDA276	SOLENOID VALVE	1 N.		C	
2	PAA114	CONNECTION	1 N.		C	
3	PAA389	CONNECTION	1 N.			

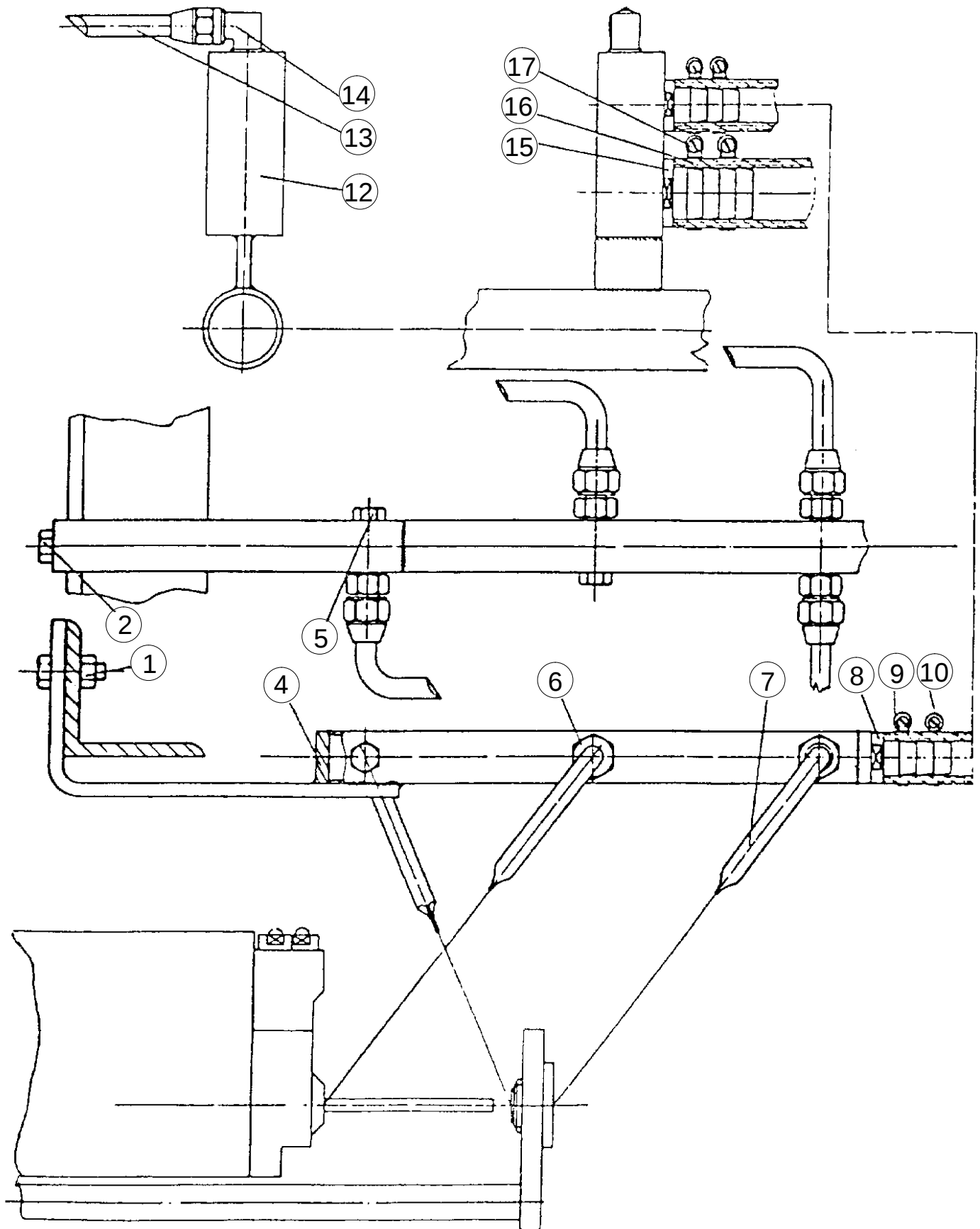




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PART LIST
XR24AA015A**DESIGNATION**
CENTERING CUP WASHING*DRAWING 120139*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	HRP010	NUT	1 N.			
2	HLF026	SCREW	1 N.			
4	120156	SUPPORT	1 N.			
5	DCC010	PLUG	2 N.			
6	PAB017	TERMINAL	4 N.			
7	122353	NOZZLE	4 N.			
8	DLQ020	RUBBER HOLDER	2 N.			
9	GFA040	HOSE	1 MT			
10	VAS370	CLIP	4 N.			
12	120155	DISTRIBUTOR	1 N.			
13	120146	NOZZLE	1 N.			
14	PAB418	ELBOW	1 N.			
15	DCM030	REDUCTION	1 N.			
15	DLQ025	RUBBER HOLDER	1 N.			
16	GFA045	HOSE	15 MT			
17	VAS375	CLIP	2 N.			



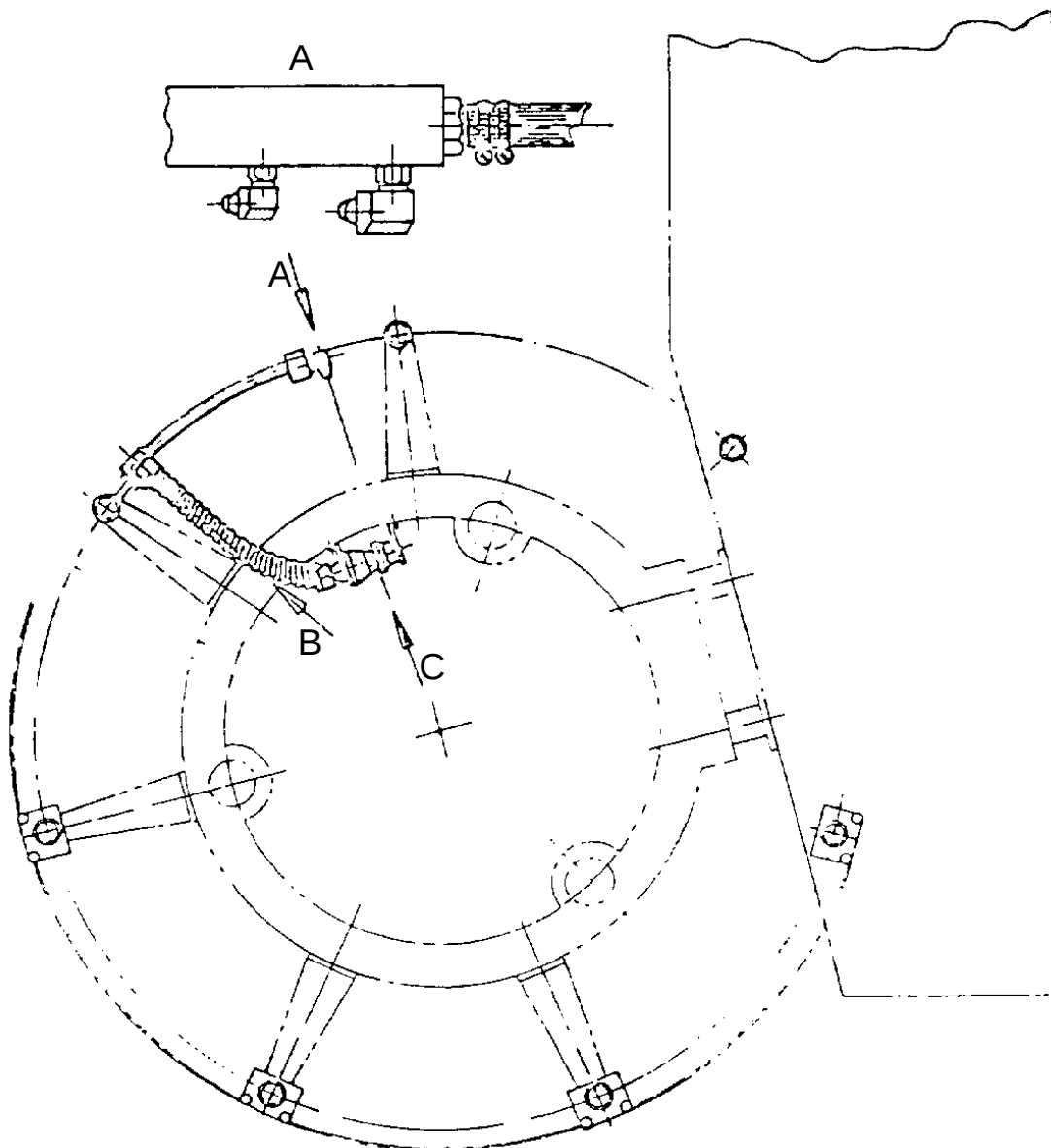
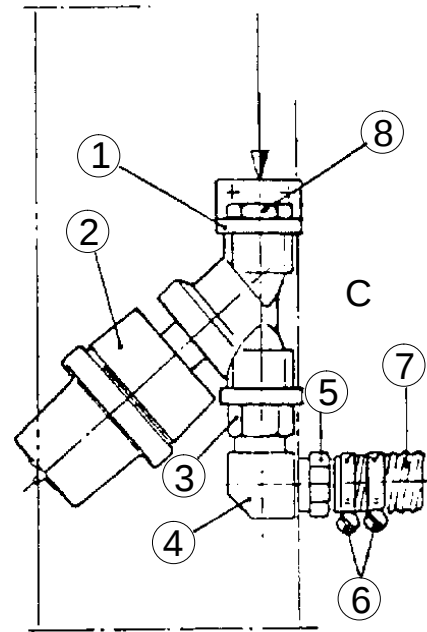
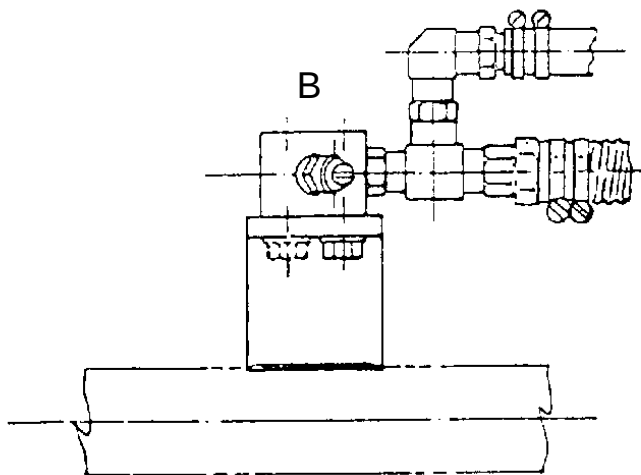


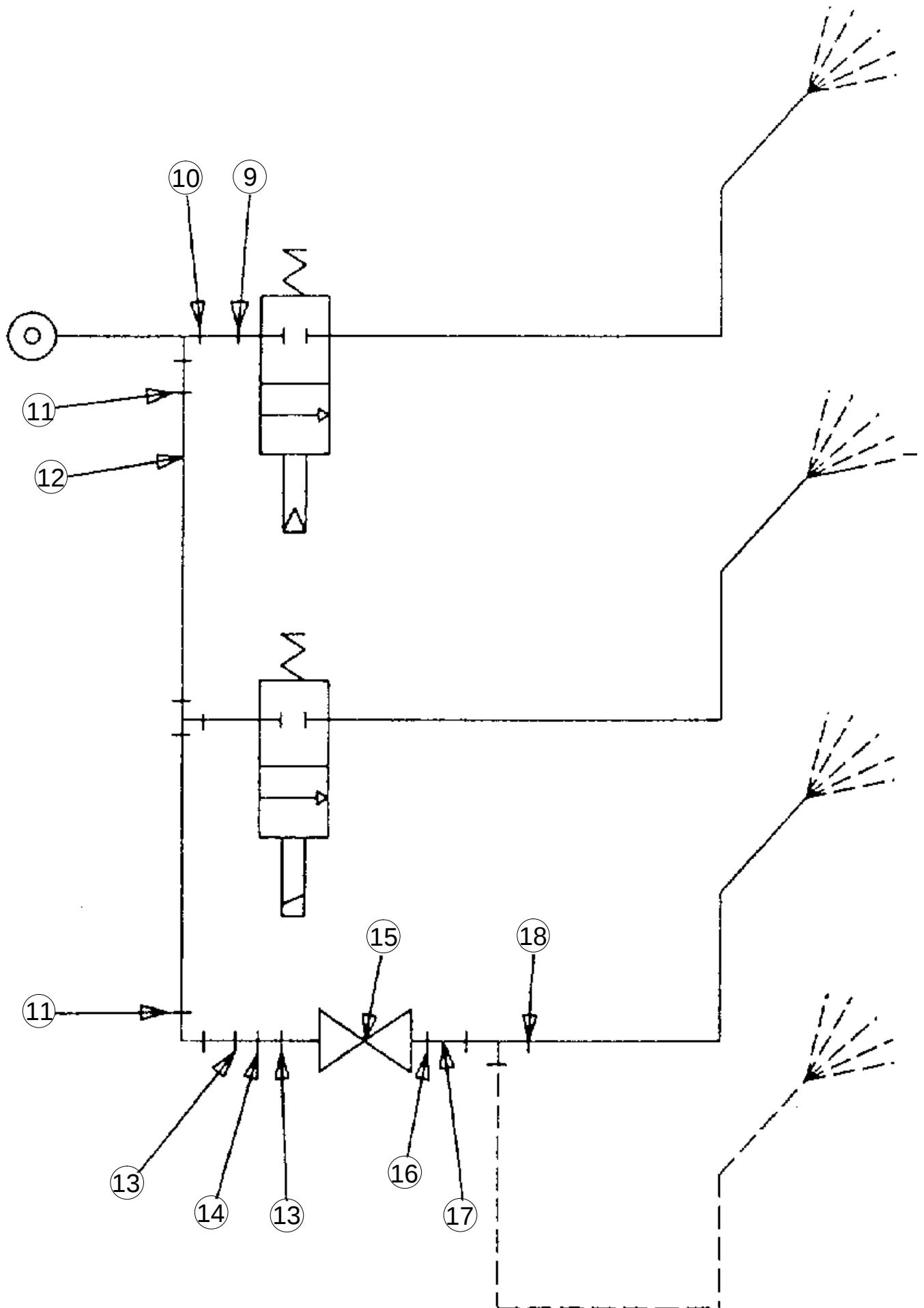
RAA415 * 463C * EUROSTAR

PART LIST
XR24AA005B**DESIGNATION**
WASHING VALVE

DRAWING 094647 184793

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
	100067	SUPPORT	2 N.			
2	PDC502	PNEUMATIC VALVE	1 N.			
3	DCG030	NIPPLE	1 N.			
4	DCH030	ELBOW	1 N.			
5	DCM030	REDUCTION	1 N.			
5	DLQ025	RUBBER HOLDER	1 N.			
6	VAS580	CLIP	1 N.			
7	GFA025	HOSE	2 MT			
8	018210/029	UNION	1 N.			
9	DCG030	NIPPLE	1 N.			
10	DCH030	ELBOW	1 N.			
11	PAB309	ELBOW	2 N.			
12	PAC040L02000	HOSE	1 N.			
13	DCE010	CONNECTION	2 N.			
14	DCF010	NIPPLE	1 N.			
15	DNR010	VALVE	1 N.			
16	PAB271	TERMINAL	1 N.			
17	ZAT057L01000	PIPE	1 N.			
18	PAB748	CONNECTION	1 N.			





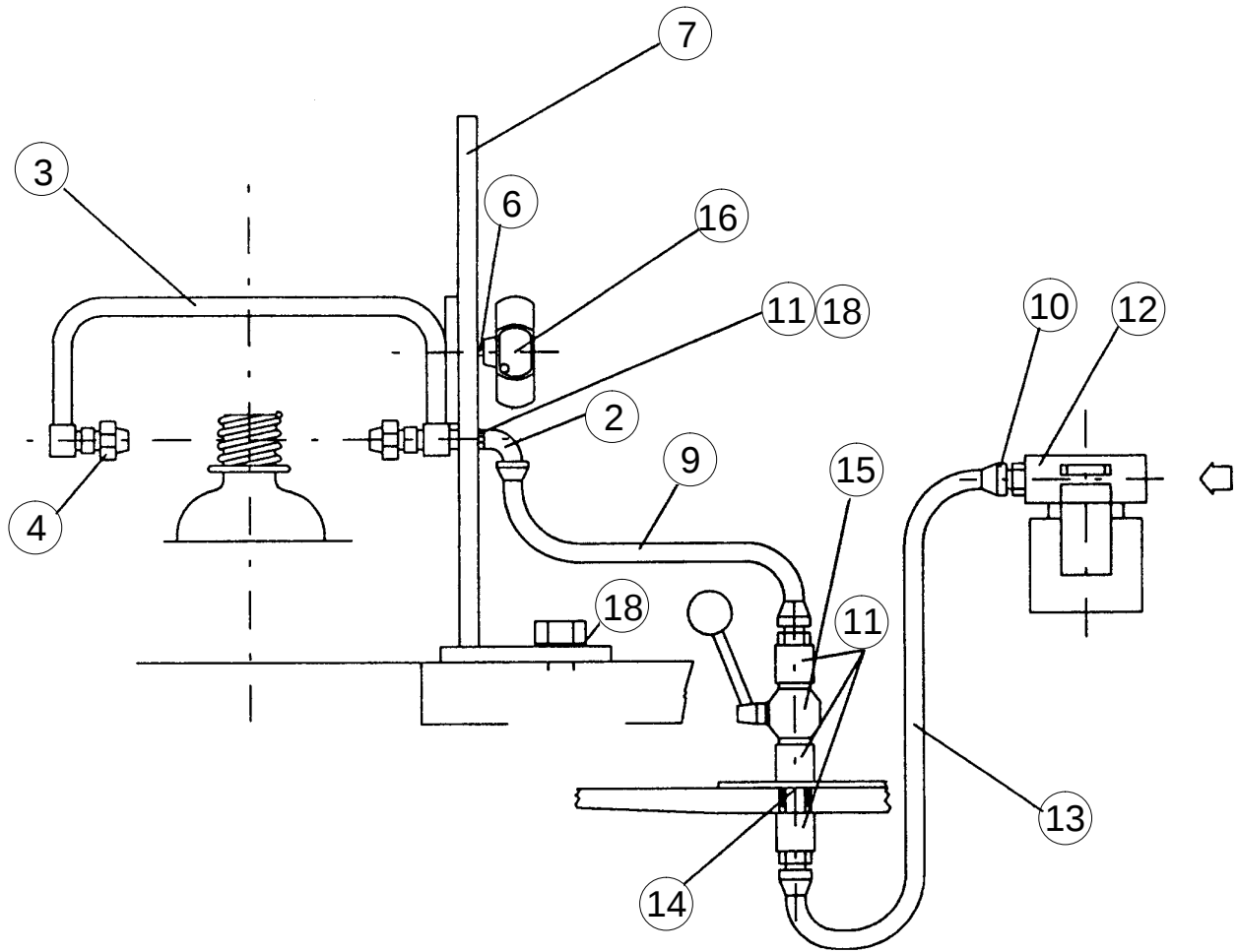


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PART LIST
XR24AA010B**DESIGNATION**
BOTTLE NECK WASHING

DRAWING 122833

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
2	PAB309	ELBOW	1 N.			
3	122834	SUPPORT	1 N.			
4	VAN002	NOZZLE	2 N.			
6	HRU110	SPRINGWASHER	1 N.			
7	122835	SUPPORT	1 N.			
8	PAB603	BUSHING	2 N.			
8	PAB760	CONNECTION	1 N.			
9	PAC095	HOSE	2000 MT			
10	PAB271	TERMINAL	3 N.			
10	PAB603	BUSHING	1 N.			
11	DCE010	CONNECTION	3 N.			
12	PAR511	CONNECTOR	1 N.		C	
12	PAR999	COIL	1 N.			
12	PDA775	SOLENOID VALVE	1 N.		C	
13	ZAT057	PIPE	2000 MM			
14	105018	NIPPLE	1 N.			
15	DNR010	VALVE	1 N.			
16	VAH355	HANDWHEEL	1 N.			



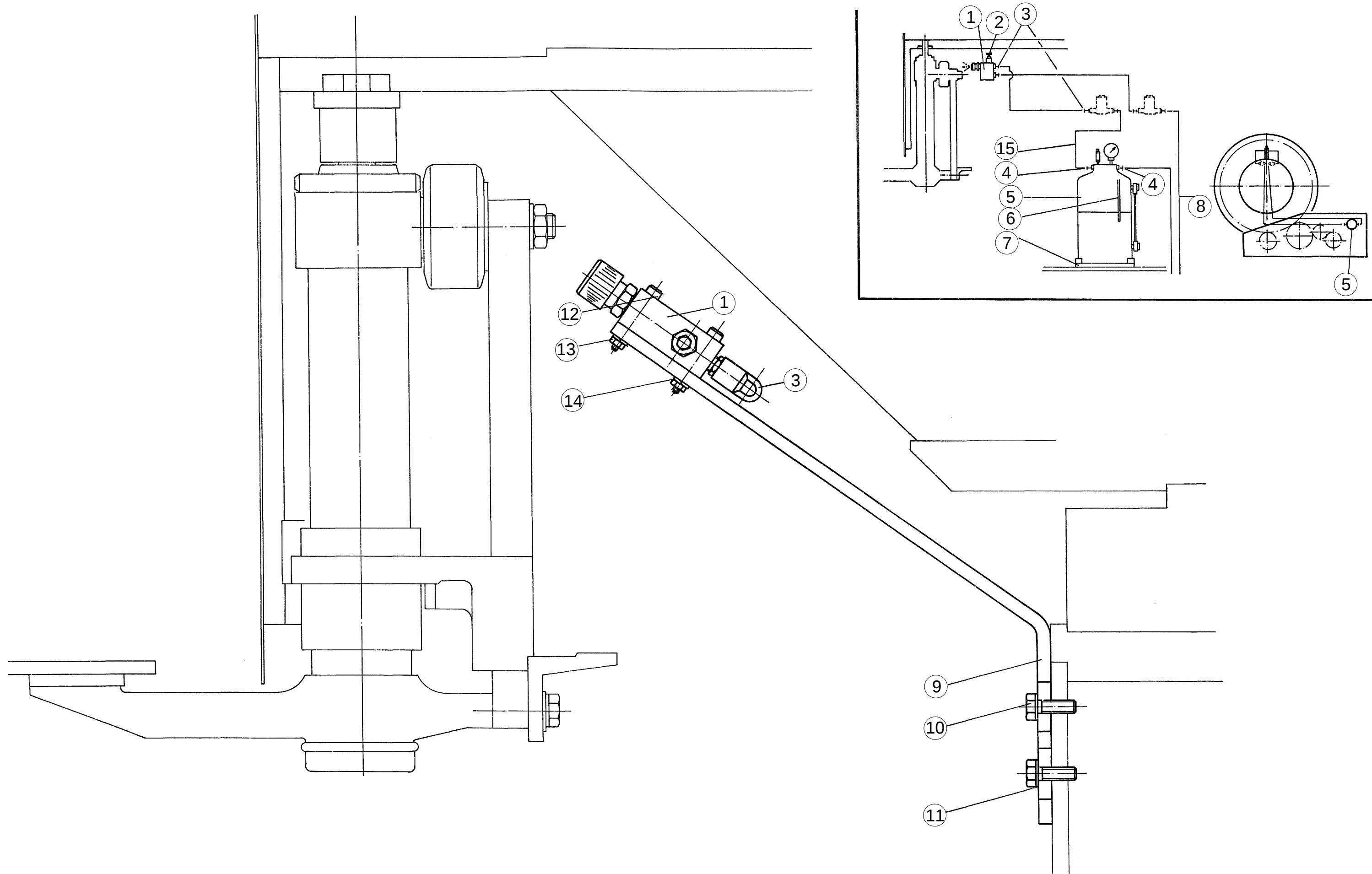


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PART LIST
XR26AA014C**DESIGNATION**
BOTTLE LIFT LUBRICATION

DRAWING 162119

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
	XR27AA050A	BOTTLE LIFT LUBRICATION	1 N.			
1	LBA100	VALVE	1 N.			
2	071389	SPRAY NOZZLE	1 N.			
3	PAA157	CONNECTION	6 N.		C	
4	PAA387	CONNECTION	2 N.		C	
5	LCA350	BOWL	1 N.			
6	LCA355	FLOATING BALL	1 N.			
7	136135	SUPPORT	1 N.			
8	PAC040	HOSE	4 MT			
9	162114/002	SUPPORT	1 N.			
10	HAE024	SCREW	2 N.			
11	HHF008	WASHER	2 N.			
12	HBC132	SCREW	2 N.			
13	HHA005	NUT	2 N.			
14	HHF005	WASHER	2 N.			
15	PAC040	HOSE	4 MT			

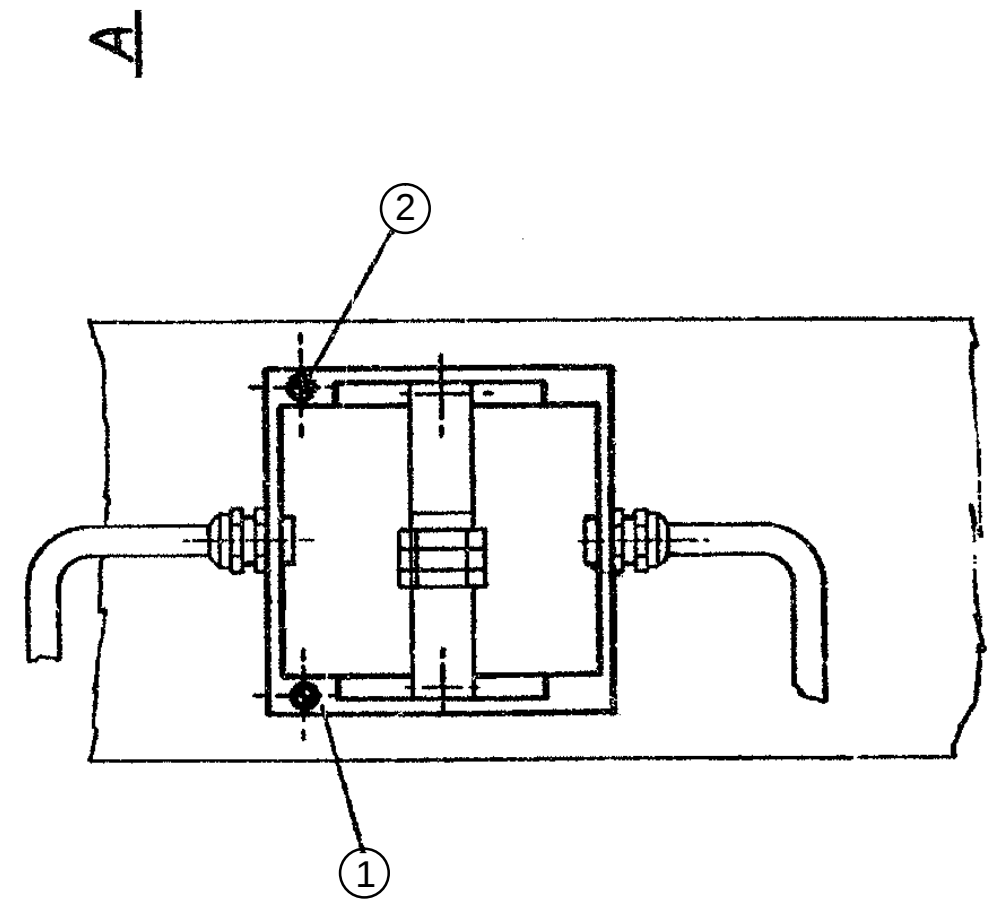
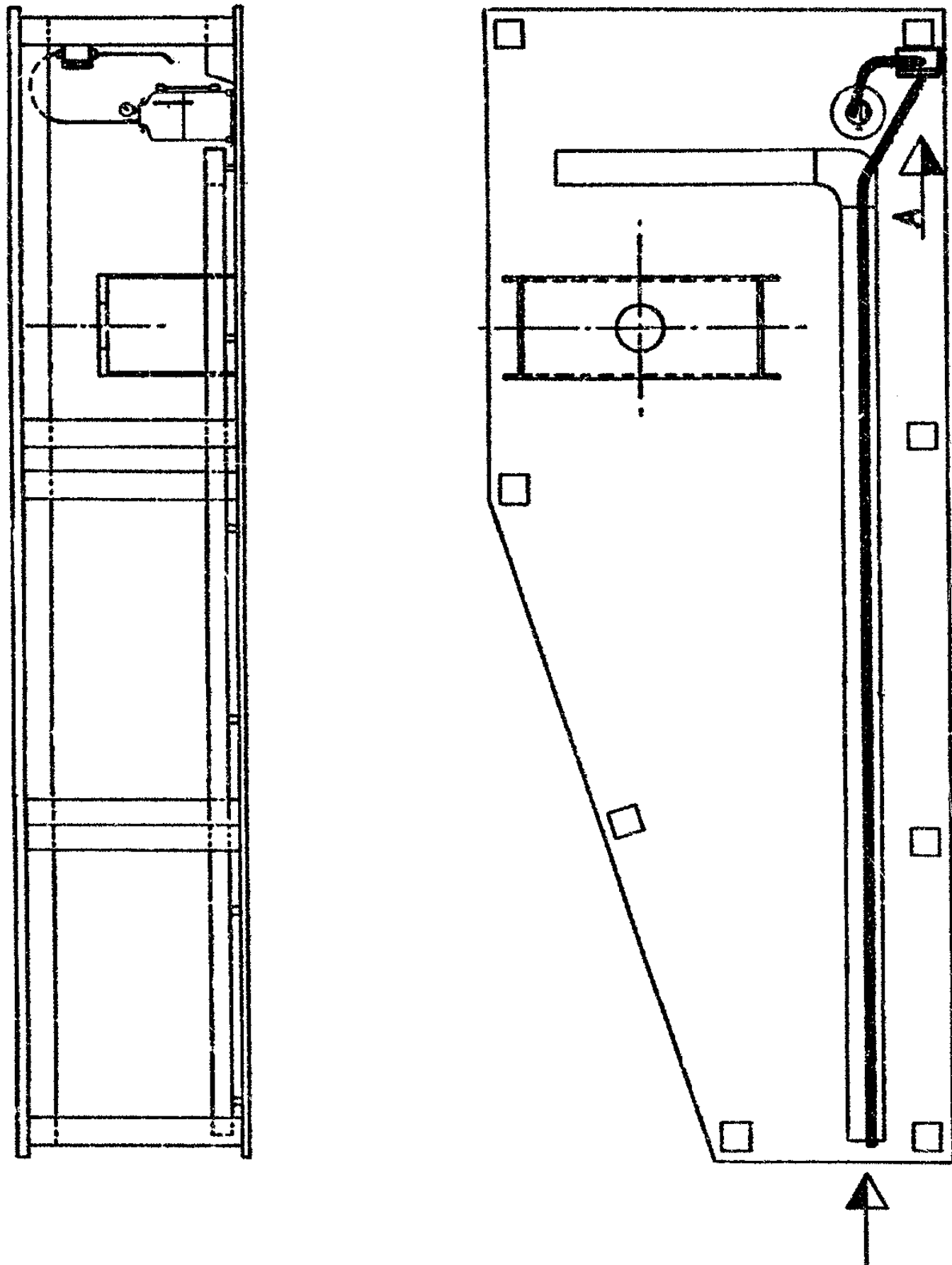




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PART LIST
XR27AA050A**DESIGNATION**
BOTTLE LIFT LUBRICATION**DRAWING 182060**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	EAN595	EL.BOX	1 N.			
2	HPB020	SCREW	2 N.			

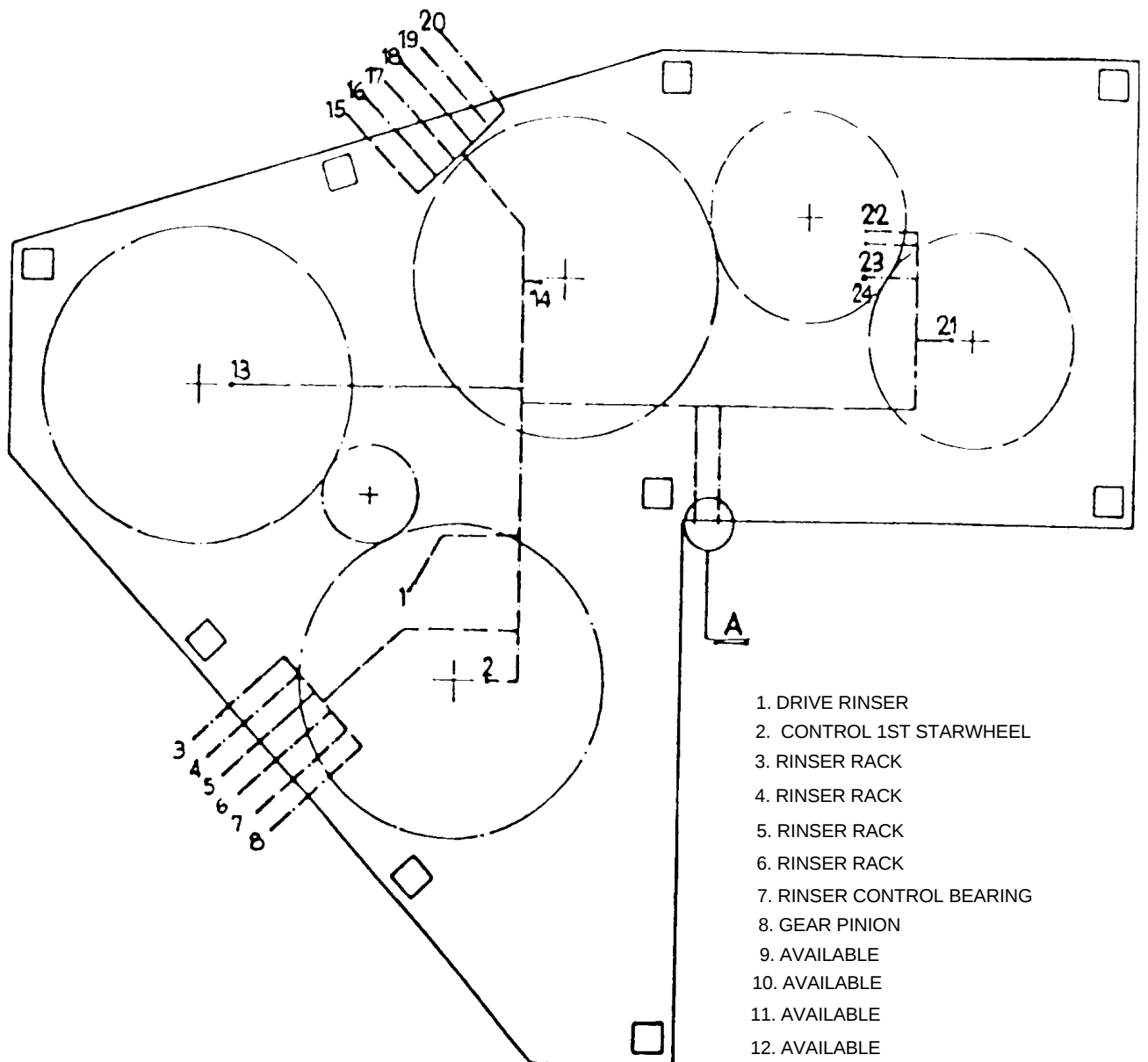




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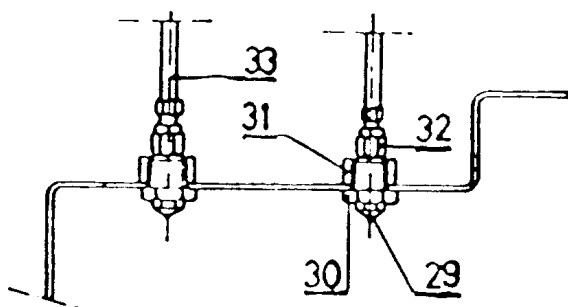
PART LIST
XR26AA530N**DESIGNATION**
CENTRALIZED LUBRICATION*DRAWING 213110*

<i>POS.</i>	<i>ITEM</i>	<i>DESIGNATION</i>	<i>Q.TY</i>	<i>S</i>	<i>R</i>	<i>K</i>
19	LCA032	GREASING NIPPLE	22 N.		C	
20	167877	UNION	30 N.			
21	171348	STOP	2 N.			
22	LBA080	CONNECTION	68 N.		C	
23	LBA421	PIPE	22 MT			



1. DRIVE RINSER
2. CONTROL 1ST STARWHEEL
3. RINSER RACK
4. RINSER RACK
5. RINSER RACK
6. RINSER RACK
7. RINSER CONTROL BEARING
8. GEAR PINION
9. AVAILABLE
10. AVAILABLE
11. AVAILABLE
12. AVAILABLE
13. CONTROL 2ND STARWHEEL
14. CONTROL 3TH STARWHEEL
15. RINSER CONTROL RACK
16. FILLER PINION
16. COUETTE SOUTIREUSE
17. FILLER RACK
18. FILLER RACK
19. FILLER RACK
20. FILLER RACK
21. CONTROL 4ND STARWHEEL
22. CAPPER BOTTOM RACK
23. CAPPER BOTTOM RACK
24. CAPPER LIFTING SCREW

part A

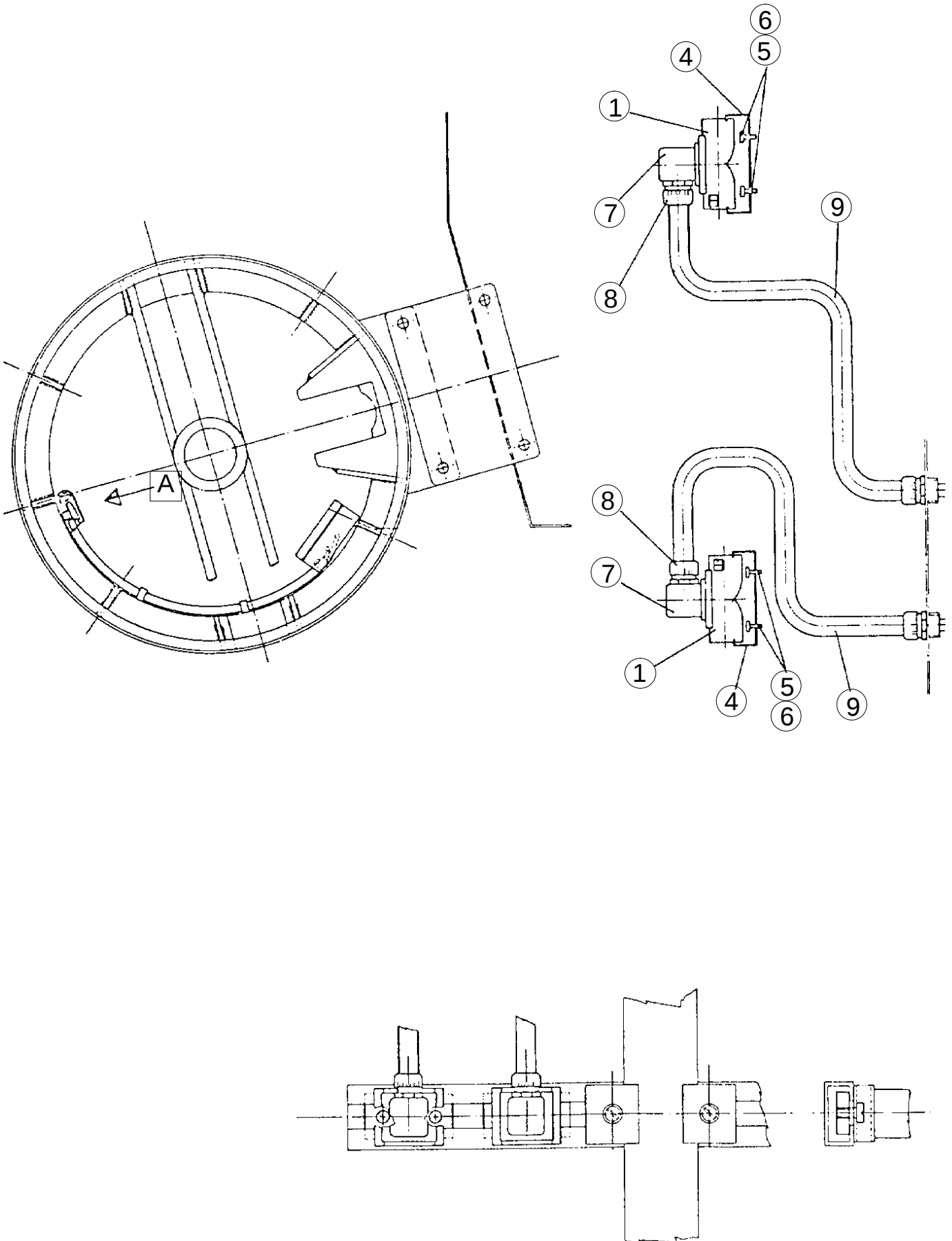




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PART LIST
XR27AA027A**DESIGNATION**
BOTTLE LIFT LUBRICATION**DRAWING 168082**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	PDA025	SOLENOID VALVE	2 N.		C	
4	PAR512	CLAMPING	2 N.			
5	HPB010	SCREW	4 N.			
6	EAH630	NUT	4 N.			
7	PAR999	COIL	2 N.			
8	PAR511	CONNECTOR	2 N.		C	

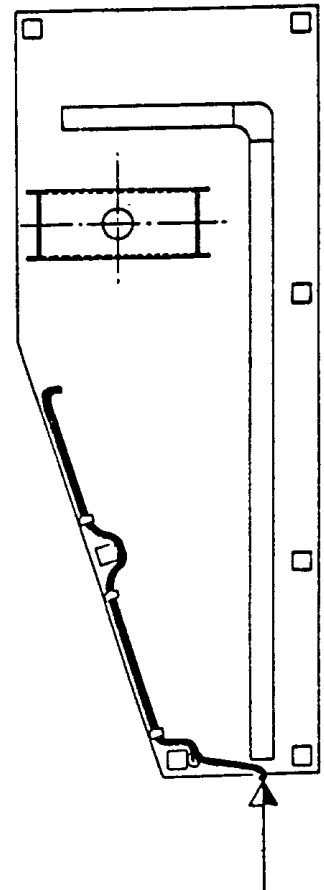
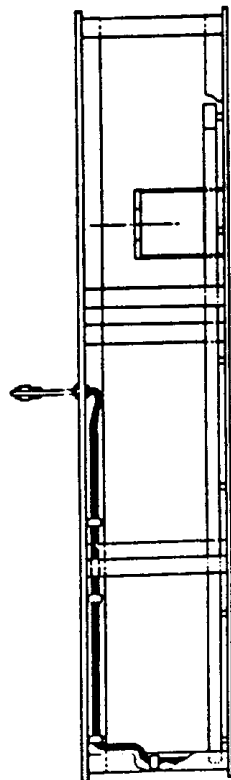
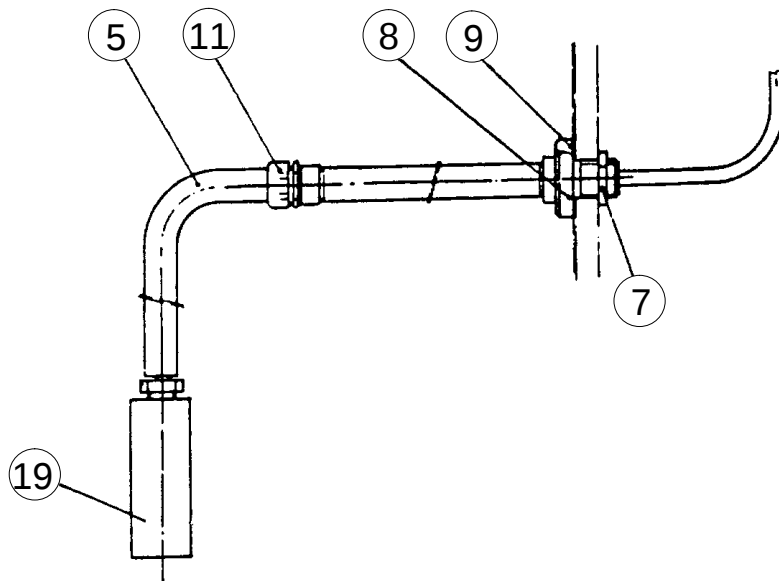




RAA415 * 463C * EUROSTAR

PART LIST
XR27AA059B**DESIGNATION**
CENTER.CUP SAFETY SENSOR*DRAWING 200814*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
2	EAE307	CABLE	12 MT			
5	EAG050	SHEATH	4 MT			
7	EAL504	LOCK RING	1 N.			
8	146924	UNION	1 N.			
9	GAH118	O-RING	1 N.		C	
10	146925/001	PIPE	1 N.			
11	EAP401	CABLE GLAND	1 N.			
19	ECH786	SENSOR	1 N.		C	





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PART LIST
XR27AA529R**DESIGNATION**
OTHER**DRAWING**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
601	MVG020	AC MOTOR	1 N.			
2201	PAR502	COIL	3 N.		C	
2201	PAR509	COIL	6 N.		C	
2306	PAR509	COIL	1 N.		C	
2309	PAR509	COIL	1 N.		C	
2314	PAR509	COIL	1 N.		C	
2399	PAR502	COIL	1 N.		C	
2404	PAR502	COIL	1 N.		C	
2702	PAR502	COIL	2 N.		C	



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PART LIST
XR27AA546G

DESIGNATION
VARIABLE PARTS

DRAWING

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
	RMU080	MOTOR	1 N.			

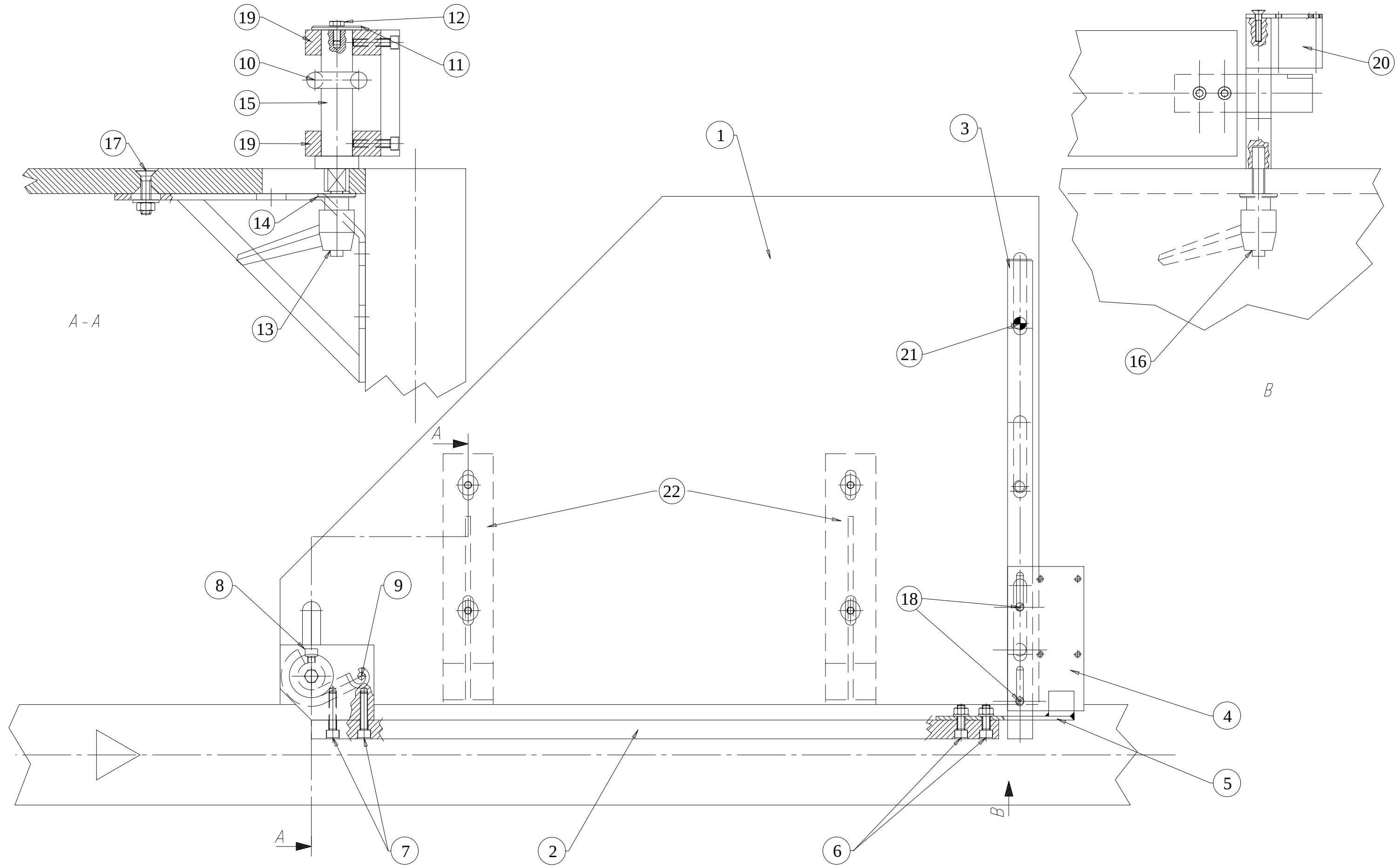


RAA415 * 463C * EUROSTAR

PART LIST
XR29AA018A**DESIGNATION**
TABLE SENSOR

DRAWING 208198

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	208177	PLATE	1 N.			
2	208175	GUIDE	1 N.			
3	208207	GUIDE	1 N.			
4	208205	SUPPORT	1 N.			
5	208206	PLATE	1 N.			
6	HMD116	SCREW	2 N.			
6	HRP006	NUT	2 N.			
6	HRU006	WASHER	2 N.			
7	HMD126	SCREW	4 N.			
8	HMD120	SCREW	1 N.			
9	9010D006X069	PIN	1 N.			
10	BWW031	SPRING	1 N.			
11	005103/022	WASHER	1 N.			
12	HLD012	SCREW	1 N.			
13	189280/016	HANDWHEEL	1 N.			
14	005103/095	WASHER	1 N.			
15	208174	PIN	1 N.			
16	189280/017	HANDWHEEL	1 N.			
17	HNS030	SCREW	4 N.			
17	HRP008	NUT	4 N.			
17	HRU008	WASHER	4 N.			
18	HQZ625	SCREW	2 N.			
19	208178	SUB BASE	2 N.			
20	ECH786	SENSOR	1 N.		C	
21	HSM212	PIN	2 N.			
22	208213	SUPPORT	2 N.			



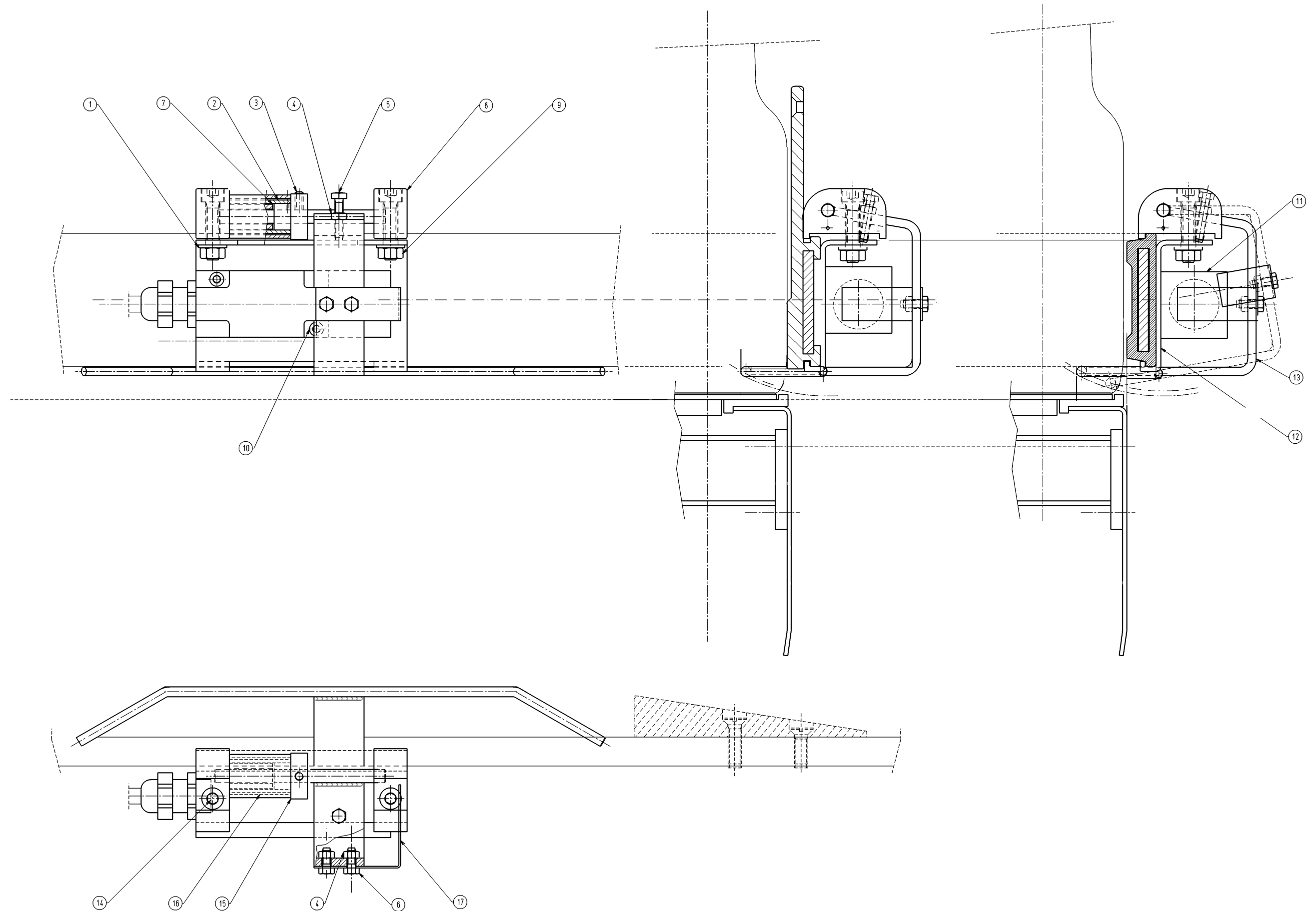


RAA415 * 463C * EUROSTAR

PART LIST
XT17DO001A**DESIGNATION**
BACK-UP SENSOR SUPPORT

DRAWING 142255

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	HRU008	WASHER	2 N.			
2	BWW607	SPRING	1 N.			
3	HQC010	SET SCREW	1 N.			
4	HRP005	NUT	3 N.			
5	HLC024	SCREW	1 N.			
6	HLC012	SCREW	2 N.			
7	GZC043	BUSHING	1 N.		C	
8	GZC787	CLAMP	2 N.			
9	HRP008	NUT	2 N.			
10	HMC132	SCREW	2 N.			
11	ECH772	SENSOR	1 N.			
12	167904	SUPPORT	1 N.			
13	167905	ROD	1 N.			
14	HME126	SCREW	2 N.			
15	142136	RING	1 N.			
16	GZC047	PIPING	1 N.			
17	167903	PLATE	1 N.			

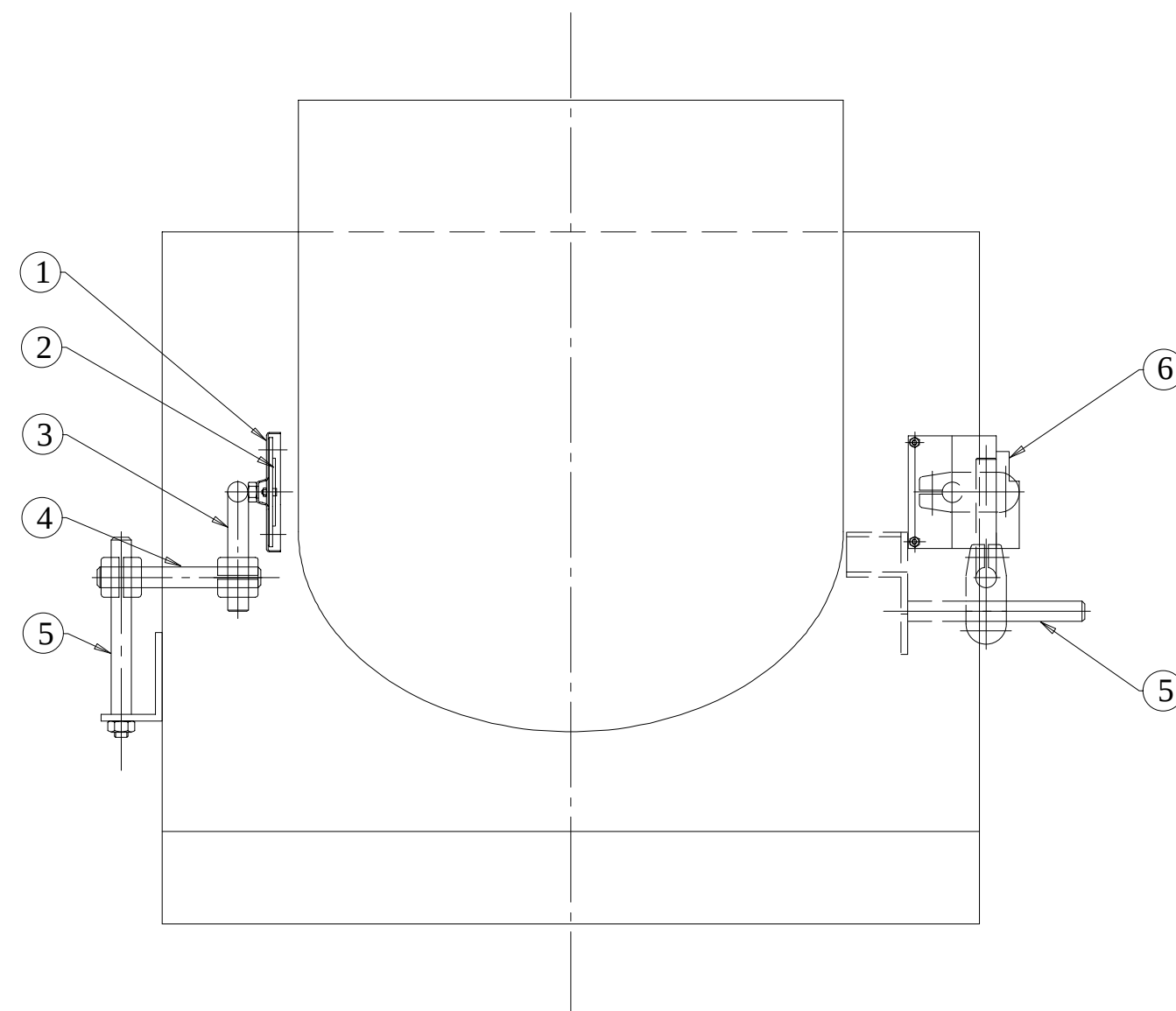
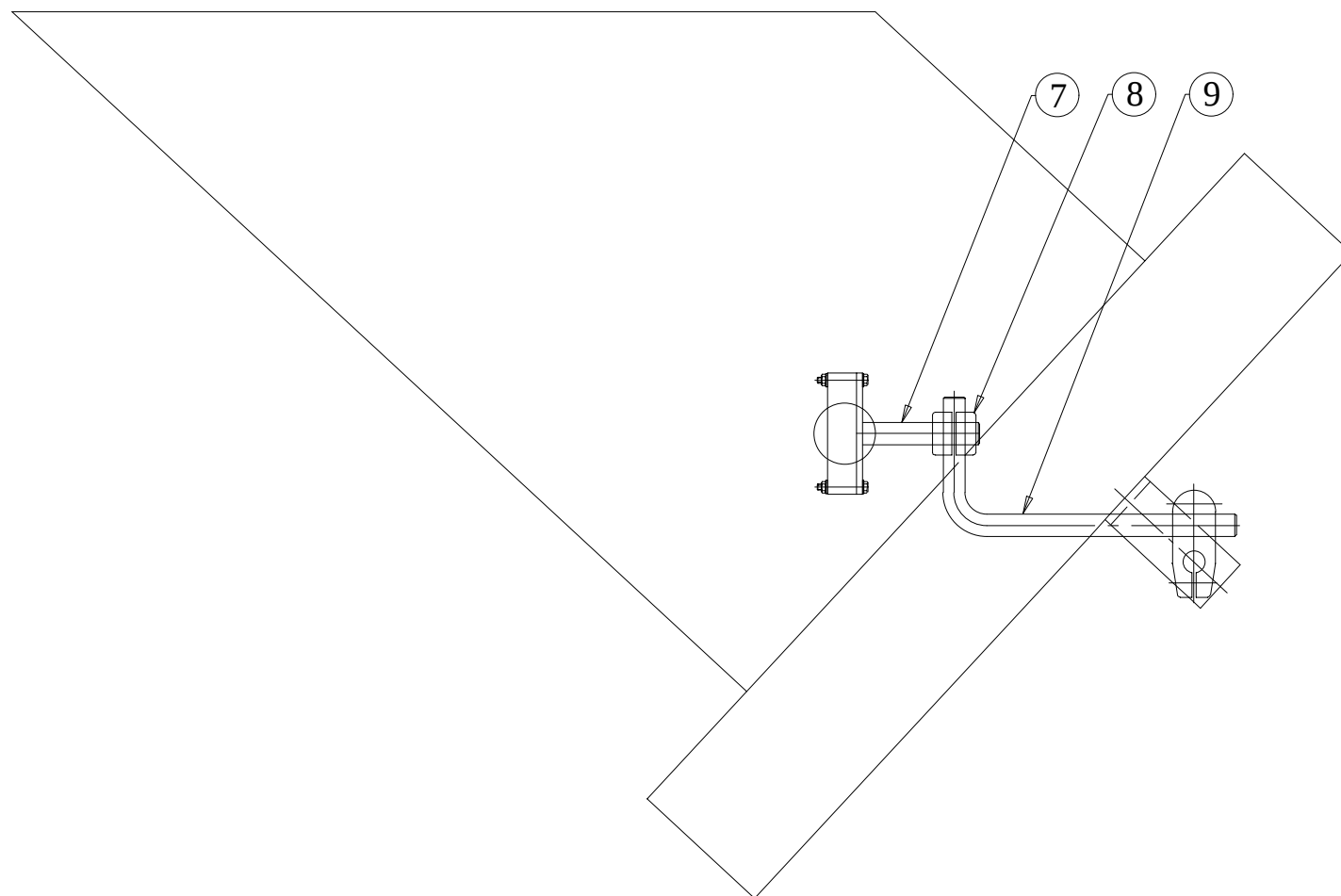




RAA415 * 463C * EUROSTAR

PART LIST
XR29AA021A**DESIGNATION**
CROWN HOPPER PHOTOCCELL**DRAWING 277958**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	185101	PROTECTION	1 N.			
2	ECF900	REFLECTOR	1 N.		C	
3	204814	SUPPORT	1 N.			
4	320156	PIN	1 N.			
5	280287/002	PIN	2 N.			
6	ECF730	PHOTOELECTRIC SWITCH	1 N.		C	
7	145951	SUPPORT	1 N.			
8	TRN622	CLAMP	4 N.		C	
9	145950	SUPPORT	2 N.			



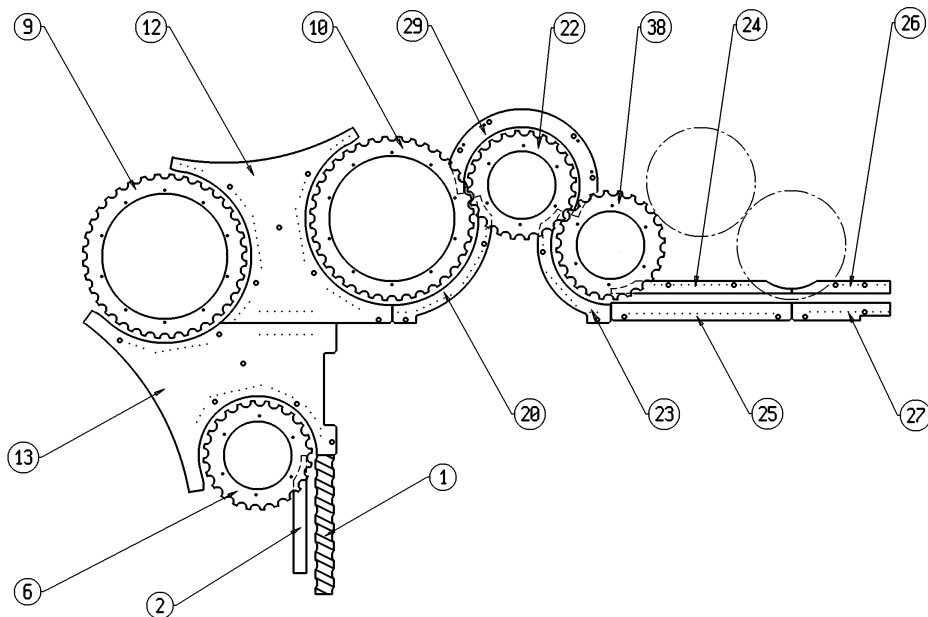


RAA415 * 463C * EUROSTAR

PART LIST
X000DRAA415**DESIGNATION**
HANDLING PARTS

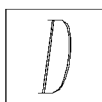
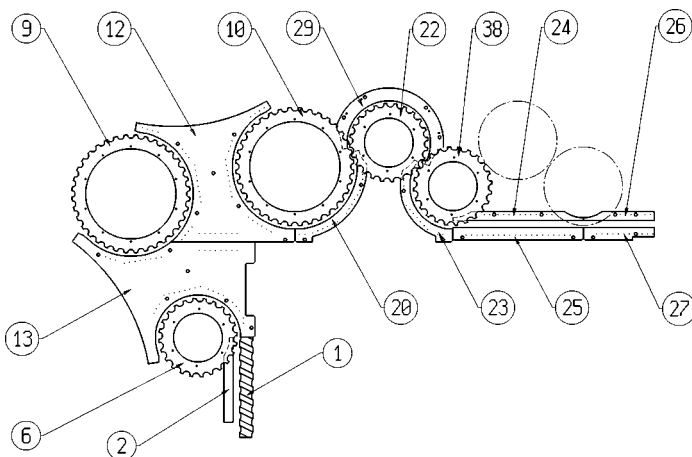
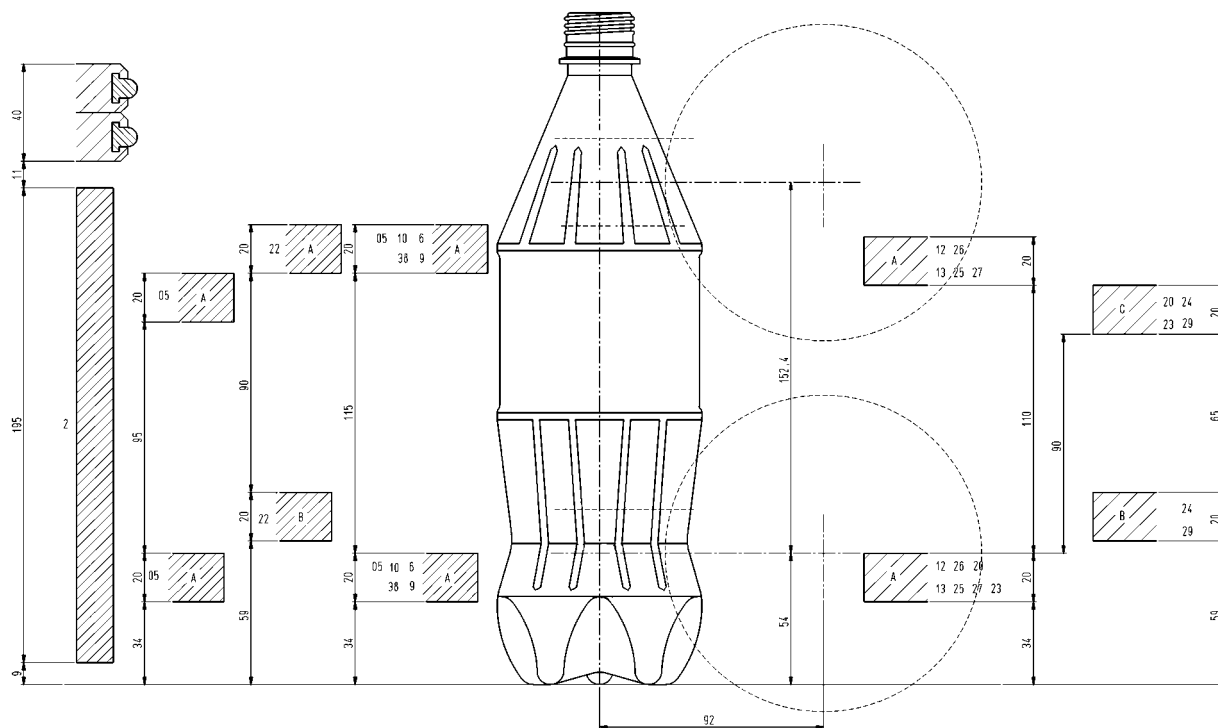
DRAWING 444428 444423 445577

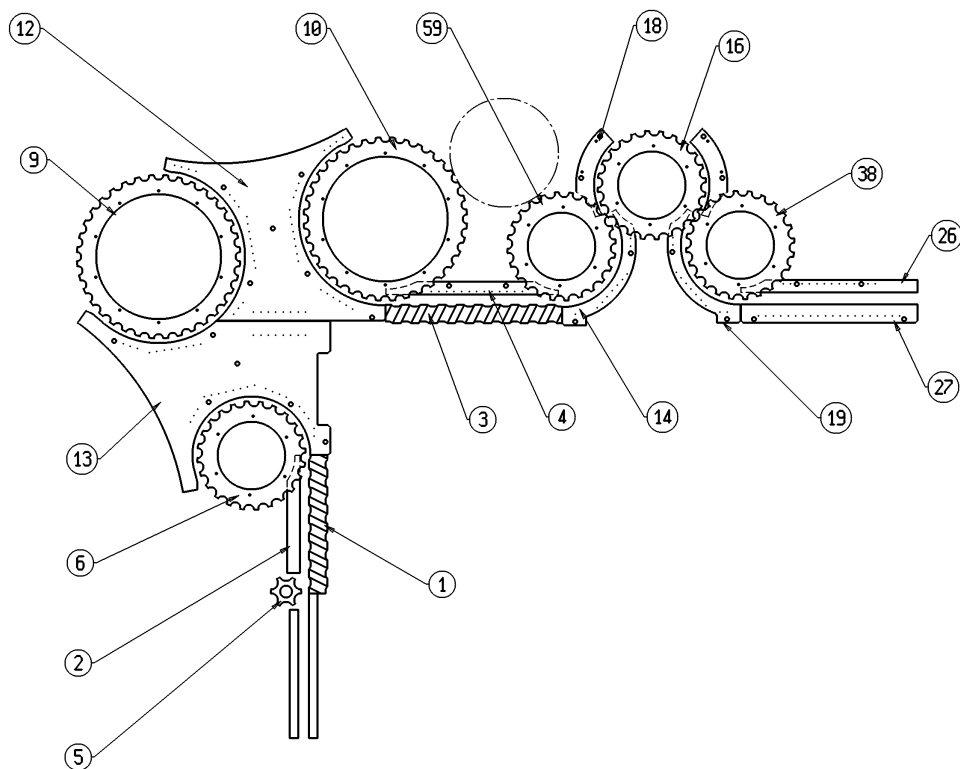
POS.	ITEM	DESIGNATION	Q.TY	S	R	K
6301	XR01PP036N	WORMSCREW	1 N.			
6302	XR02PP028Y	INLET WORMSC.COUNTERGUIDE	1 N.			
6305	XR05PP029Y	BOTTLE STOP STARWHEEL	1 N.			
6306	XR06PP020G	STARWHEEL	1 N.			
6309	XR09PP023C	STARWHEEL	1 N.			
6312	XR12PP023W	GUIDE	1 N.			
6313	XR13PP005T	GUIDE	1 N.			
6320	XR20PP006H	GUIDE	1 N.			
6322	XR22PP013X	STARWHEEL	1 N.			
6323	XR23PP012O	GUIDES	1 N.			
6324	XR24PP008D	GUIDES	1 N.			
6325	XR25PP006W	GUIDES	1 N.			
6326	XR26PP037Y	INTERNAL OUTLET GUIDE	1 N.			
6327	XR27PP024K	INTERNAL OUTLET GUIDE	1 N.			
6329	XR29PP019V	GUIDE	1 N.			
6338	XR38PP026A	STARWHEEL	1 N.			
6345	XR45PP003L	WORMSCREW	1 N.			



EQUIPO -EUROSTAR-RAA415-307C-								
BOTELLA N°	6982	6983	6984	7105	7106	6981	7463	7464
FIGURA N°	444423	444424	444425	444426	444427	444422	444467	444468
DISEGNO N°								
1. COCLEA ENTRADA	D	E	F	G	G	L	L	L
1. COCLEA INGRESSO	D	D	D	G	G	L	L	L
2. CONTRAGUIDA COCLEA								
2. CONTROGUIDA COCLEA								
3. COCLEA DE TRASLACION								
3. COCLEA TRASFERIMENTO								
4. CONTRAGUIDA COCLEA DE TRASL.								
4. CONTROGUIDA COCLEA TRASF.								
5. ESTRELLA PARADA BOTELLAS	D	E	F	G	G	L	L	L
5. STELLA ARRESTO BOTTIGLIE	D	E	F	G	G	L	L	L
6. ESTRELLA ENTRADA ENJUAGADORA	D	E	F	G	G	L	M	N
6. STELLA INGRESSO SCIAQU.								
7. ESTRELLA SALIDA ENJUAGADORA								
7. STELLA USCITA SCIAQU.								
8. ESTRELLA DE TRASLACION								
8. STELLA DI TRASFERIMENTO								
9. ESTRELLA ENTRADA LLENADORA	D	E	F	G	G	L	L	N
9. STELLA INGRESSO RIEMPITRICE	D	E	F	G	G	L	L	N
10. ESTRELLA SALIDA LLENADORA	D	E	F	G	G	L	L	N
10. STELLA USCITA RIEMPITRICE								
11. ESTRELLA BY-PASS								
11. STELLA BY-PASS								
12. GUIDA CENTRAL LLENADORA	D	E	F	G	G	L	L	L
12. GUIDA CENTRALE RIEMPITRICE	D	E	F	G	G	L	L	L
13. GUIDA CENTRAL ENJUAGADORA	D	E	F	G	G	L	M	N
13. GUIDA CENTRALE SCIAQUATR.								
14. GUIDA ENTRADA TAPADORA								
14. GUIDA INGRESSO TAPPATORE								
15. GUIDA CENTRAL TAPADORA								
15. GUIDA CENTRALE TAPPATORE								
16. ESTRELLA TAPADORA								
16. STELLA TAPPATORE								
17. GUIDA EXTERNA TAPADORA CON CORREA								
17. GUIDA EXTERNA TAPP. CON CINGHIOLLO								
18. GUIDA EXTERNA TAPADORA								
18. GUIDA EXTERNA TAPPATORE								
19. GUIDA SALIDA TAPADORA								
19. GUIDA USCITA TAPPATORE								
20. GUIDA ENTRADA CAPSULADORA	D	E	F	G	H	L	M	N
20. GUIDA INGRESSO CAPSULATRICE								
21. GUIDA CENTRAL CAPSULADORA								
21. GUIDA CENTRALE CAPSULATRICE								
22. ESTRELLA CAPSULADORA	D	E	F	G	H	L	M	N
22. STELLA CAPSULATRICE	D	E	F	G	H	L	M	N
23. GUIDA SALIDA CAPSULADORA	D	E	F	G	H	L	M	N
23. GUIDA USCITA CAPSULATRICE								
24. GUIDA SALIDA INT. INTERMEDIA	D	E	F	G	H	L	M	N
24. GUIDA USCITA INT. INTERMEDIA	D	E	F	G	G	L	M	N
25. GUIDA SALIDA EXT. INTERMEDIA	D	E	F	G	G	L	M	N
25. GUIDA USCITA EXT. INTERMEDIA	D	E	F	G	G	L	M	N
26. GUIDA SALIDA INTERNA	D	E	F	G	G	L	M	N
26. GUIDA USCITA INTERNA	D	E	F	G	G	L	M	N
27. GUIDA SALIDA EXTERNA	D	E	F	G	G	L	M	N
27. GUIDA USCITA EXTERNA								
28. GUIDA CIRCULAR SALIDA								
28. GUIDA USCITA CIRCOLARE								
29. GUIDA EXTERNA CAPSULADORA	D	E	F	G	H	L	M	N
29. GUIDA EXTERNA CAPSULATRICE								
30. GUIDA BY-PASS ENJUAGADORA								
30. GUIDA BY-PASS SCIAQUATRICE								
31. ESTRELLA ENTRADA COCLEA 1								
31. STELLA INGR. 1A COCLEA								
32. ESTRELLA ENTRADA COCLEA 2								
32. STELLA INGR. 2A COCLEA								

EQUIPO -EUROSTAR-RAA415-307C-								
BOTELLA N°	6982	6983	6984	7105	7106	6981	7463	7464
FIGURA N°	444423	444424	444425	444426	444427	444422	444467	444468
DISEGNO N°								
33. GUIDA ENTRADA LLENADORA								
33. GUIDA INGRESSO RIEMPITRICE								
34. GUIDA SALIDA LLENADORA								
34. GUIDA USCITA RIEMPITRICE								
35. GUIDA ESTRELLA DE TRASLACION								
35. GUIDA STELLA DI TRASFERIMENTO								
36. GUIDA ENTRADA COCLEA 1								
36. GUIDA INGR. 1A COCLEA								
37. GUIDA ENTRADA COCLEA 2								
37. GUIDA INGR. 2A COCLEA								
38. ESTRELLA SALIDA 1.ER TAPONADOR	D	E	F	G	G	L	M	N
38. STELLA USCITA 1°TAPPATORE								
39. GUIDA ENTRADA SINFIN								
39. GUIDA INGRESSO COCLEA								
40. GUIDAS FIJAS								
40. GUIDE FISSE								
41. GUIDA DE TRASLACION 1								
41. GUIDA TRASFERIMENTO 1								
42. GUIDA DE TRASLACION 2								
42. GUIDA TRASFERIMENTO 2								
43. GUIDA DE TRASLACION 3								
43. GUIDA TRASFERIMENTO 3								
44. LENGÜETZ SUPERIOR CONTRAGUIDA								
44. LINGUETTA SUP. CONTROGUIDA								
45. COCLEA SUPERIOR	D	E	F	G	G			
45. COCLEA INGRESSO SUP.								
46. SOPORTE BOTELLA								
46. STAFFA BOTTIGLIA								
47. GUIDA SALIDA 2 INTERNA								
47. GUIDA 2A USCITA INTERNO								
48. GUIDA SALIDA 2 EXTERNA								
48. GUIDA 2A USCITA ESTERNO								
54. GUIDA SALIDA ENJUAGADORA								
54. GUIDA USCITA SCIAQUATRICE								
55. GUIDA ENTRADA ENJUAGADORA								
55. GUIDA INGRESSO SCIAQUATR.								
59. ESTRELLA ENTRADA 2.0 TAPONADOR								
59. STELLA INGRESSO 2°TAPPATORE								
62. ESTRELLA SALIDA 2.0 TAPONADOR								
62. STELLA USCITA 2°TAPPATORE								
63. GUIDA SOFTSTOP								
63. GUIDE SOFTSTOP								
64. GUIDA ENTRADA BY-PASS								
64. GUIDA INGRESSO BY-PASS								
70. GUIDA BY-PASS								
70. GUIDA BY-PASS								
71. GUIDA ENTRADA EXTERNA								
71. GUIDA INGRESSO EXTERNA								
72. GUIDA ENTRADA INTERNA								
72. GUIDA INGRESSO INTERNO								
73. GUIDA ENTRADA EXTERNA								
73. GUIDA INGRESSO ESTERNO								
74. GUIDA ENTRADA INTERNA								
74. GUIDA INGRESSO INTERNA								
75. ESTRELLA NEUTRA ENTRADA								
75. STELLA FOLLE INGRESSO								





EQUIPO -EUROSTAR-RAA415-307C-									
BOTELLA N°	7459								
FIGURA N°	444203								
DISEGNO N°									
1. COCLEA ENTRADA	Q								
1. COCLEA INGRESSO	Q								
2. CONTRAGUIDA COCLEA	Q								
2. CONTRAGUIDA COCLEA	Q								
3. COCLEA DE TRASLACION	Q								
3. COCLEA TRASFERIMENTO	Q								
4. CONTRAGUIDA COCLEA DE TRASL.	Q								
4. CONTRAGUIDA COCLEA TRASF.	Q								
5. ESTRELLA PARADA BOTELLAS	Q								
5. STELLA ARRESTO BOTTIGLIE	Q								
6. ESTRELLA ENTRADA ENJUAGADORA	Q								
6. STELLA INGRESSO SCIACQ.	Q								
7. ESTRELLA SALIDA ENJUAGADORA									
7. STELLA USCITA SCIACQ.									
8. ESTRELLA DE TRASLACION									
8. STELLA DI TRASFERIMENTO									
9. ESTRELLA ENTRADA LLENADORA	Q								
9. STELLA INGRESSO RIEMPITRICE	Q								
10. ESTRELLA SALIDA LLENADORA	Q								
10. STELLA USCITA RIEMPITRICE	Q								
11. ESTRELLA BY-PASS									
11. STELLA BY-PASS									
12. GUIDA CENTRAL LLENADORA	Q								
12. GUIDA CENTRALE RIEMPITRICE	Q								
13. GUIDA CENTRAL ENJUAGADORA	Q								
13. GUIDA CENTRALE SCIACQATR.	Q								
14. GUIDA ENTRADA TAPADORA	Q								
14. GUIDA INGRESSO TAPPATORE	Q								
15. GUIDA CENTRAL TAPADORA									
15. GUIDA CENTRALE TAPPATORE									
16. ESTRELLA TAPADORA	Q								
16. STELLA TAPPATORE	Q								
17. GUIDA EXTERNA TAPADORA CON CORREA									
17. GUIDA EXTERNA TAPP. CON CINGHIULO									
18. GUIDA EXTERNA TAPADORA	Q								
18. GUIDA EXTERNA TAPPATORE	Q								
19. GUIDA SALIDA TAPADORA	Q								
19. GUIDA USCITA TAPPATORE	Q								
20. GUIDA ENTRADA CAPSULADORA									
20. GUIDA INGRESSO CAPSULATRICE									
21. GUIDA CENTRAL CAPSULADORA									
21. GUIDA CENTRALE CAPSULATRICE									
22. ESTRELLA CAPSULADORA									
22. STELLA CAPSULATRICE									
23. GUIDA SALIDA CAPSULADORA									
23. GUIDA USCITA CAPSULATRICE									
24. GUIDA SALIDA INT.INTERMADIA									
24. GUIDA USCITA INT.INTERMEDIA									
25. GUIDA SALIDA EXT.INTERMADIA									
25. GUIDA USCITA EXT.INTERMEDIA									
26. GUIDA SALIDA INTERNA	Q								
26. GUIDA USCITA INTERNA	Q								
27. GUIDA SALIDA EXTERNA	Q								
27. GUIDA USCITA EXTERNA	Q								
28. GUIDA CIRCULAR SALIDA									
28. GUIDA USCITA CIRCOLARE									
29. GUIDA EXTERNA CAPSULADORA									
29. GUIDA EXTERNA CAPSULATRICE									
30. GUIDA BY-PASS ENJUAGADORA									
30. GUIDA BY-PASS SCIACQUATRICE									
31. ESTRELLA ENTRADA COCLEA 1									
31. STELLA INGR. 1A COCLEA									
32. ESTRELLA ENTRADA COCLEA 2									
32. STELLA INGR. 2A COCLEA									

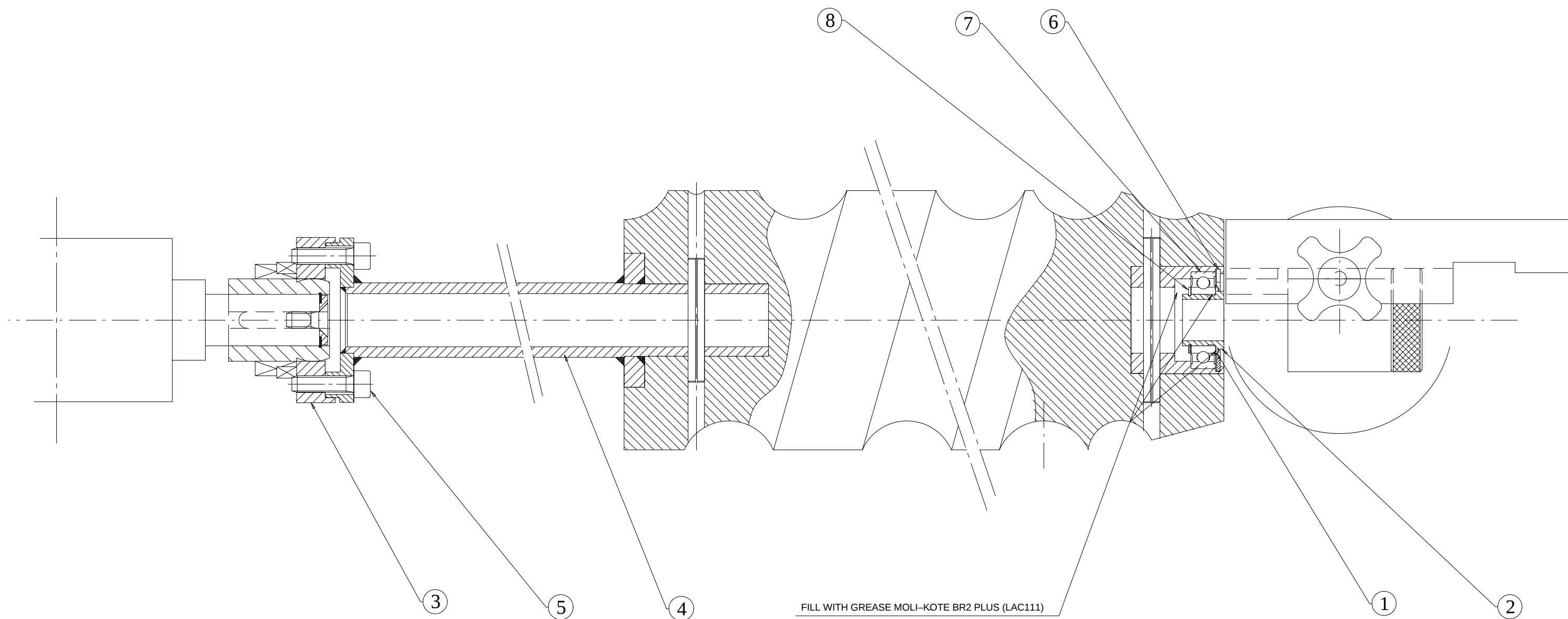
EQUIPO -EUROSTAR-RAA415-307C-									
BOTELLA N°	7459								
FIGURA N°	444203								
DISEGNO N°									
33. GUIDA ENTRADA LLENADORA									
33. GUIDA INGRESSO RIEMPITRICE									
34. GUIDA SALIDA LLENADORA									
34. GUIDA USCITA RIEMPITRICE									
35. GUIDA ESTRELLA DE TRASLACION									
35. GUIDA STELLA DI TRASFERIMENTO									
36. GUIDA ENTRADA COCLEA 1									
36. GUIDA INGR. 1A COCLEA									
37. GUIDA ENTRADA COCLEA 2									
37. GUIDA INGR. 2A COCLEA									
38. ESTRELLA SALIDA 1.ER TAPONADOR	Q								
38. STELLA USCITA 1.TAPPATORE	Q								
39. GUIDA ENTRADA SINFIN									
39. GUIDA INGRESSO COCLEA									
40. GUIDAS FIJAS									
40. GUIDE FISSE									
41. GUIDA DE TRASLACION 1									
41. GUIDA TRASFERIMENTO 1									
42. GUIDA DE TRASLACION 2									
42. GUIDA TRASFERIMENTO 2									
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43. GUIDA TRASFERIMENTO 3									
44. LENGUEZ.SUPERIOR CONTRAGUIDA									
44. LINGUETTA SUP.CONTRAGUIDA									
45. COCLEA SUPERIOR									
45. COCLEA INGRESSO SUP.									
46. SOPORTE BOTELLA									
46. STAFFA BOTTIGLIA									
47. GUIDA SALIDA 2 INTERNA									
47. GUIDA 2A USCITA INTERNO									
48. GUIDA SALIDA 2 EXTERNA									
48. GUIDA 2A USCITA ESTERNO									
54. GUIDA SALIDA ENJUAGADORA									
54. GUIDA USCITA SCIACQUATRICE									
55. GUIDA ENTRADA ENJUAGADORA									
55. GUIDA INGRESSO SCIACQUATR.									
59. ESTRELLA ENTRADA 2.0 TAPONADOR	Q								
59. STELLA INGRESSO 2.TAPPATORE	Q								
62. ESTRELLA SALIDA 2.0 TAPONADOR									
62. STELLA USCITA 2.TAPPATORE									
63. GUIDA SOFTSTOP									
63. GUIDE SOFTSTOP									
64. GUIDA ENTRADA BY-PASS									
64. GUIDA INGRESSO BY-PASS									
70. GUIDA BY-PASS									
70. GUIDA BY-PASS									
71. GUIDA ENTRADA EXTERNA									
71. GUIDA INGRESSO EXTERNA									
72. GUIDA ENTRADA INTERNA									
72. GUIDA INGRESSO INTERNO									
73. GUIDA ENTRADA EXTERNA									
73. GUIDA INGRESSO ESTERNO									
74. GUIDA ENTRADA INTERNA									
74. GUIDA INGRESSO INTERNA									
75. ESTRELLA NEUTRA ENTRADA									
75. STELLA FOLLE INGRESSO									



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PART LIST
XR01PP036N**DESIGNATION**
WORMSCREW*DRAWING 162216*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	CHG450	RING	1 N.			
2	162213	FLANGE	1 N.			
3	162211	FLANGE	1 N.			
4	292866/283	WORMSCREW	1 N.			
5	HME126	SCREW	2 N.			
6	HZG047	INTERNAL RETAINING RING	1 N.			
7	CAA415	BEARING	1 N.		C	
8	HZC025	EXTERNAL RETAINING RING	1 N.			

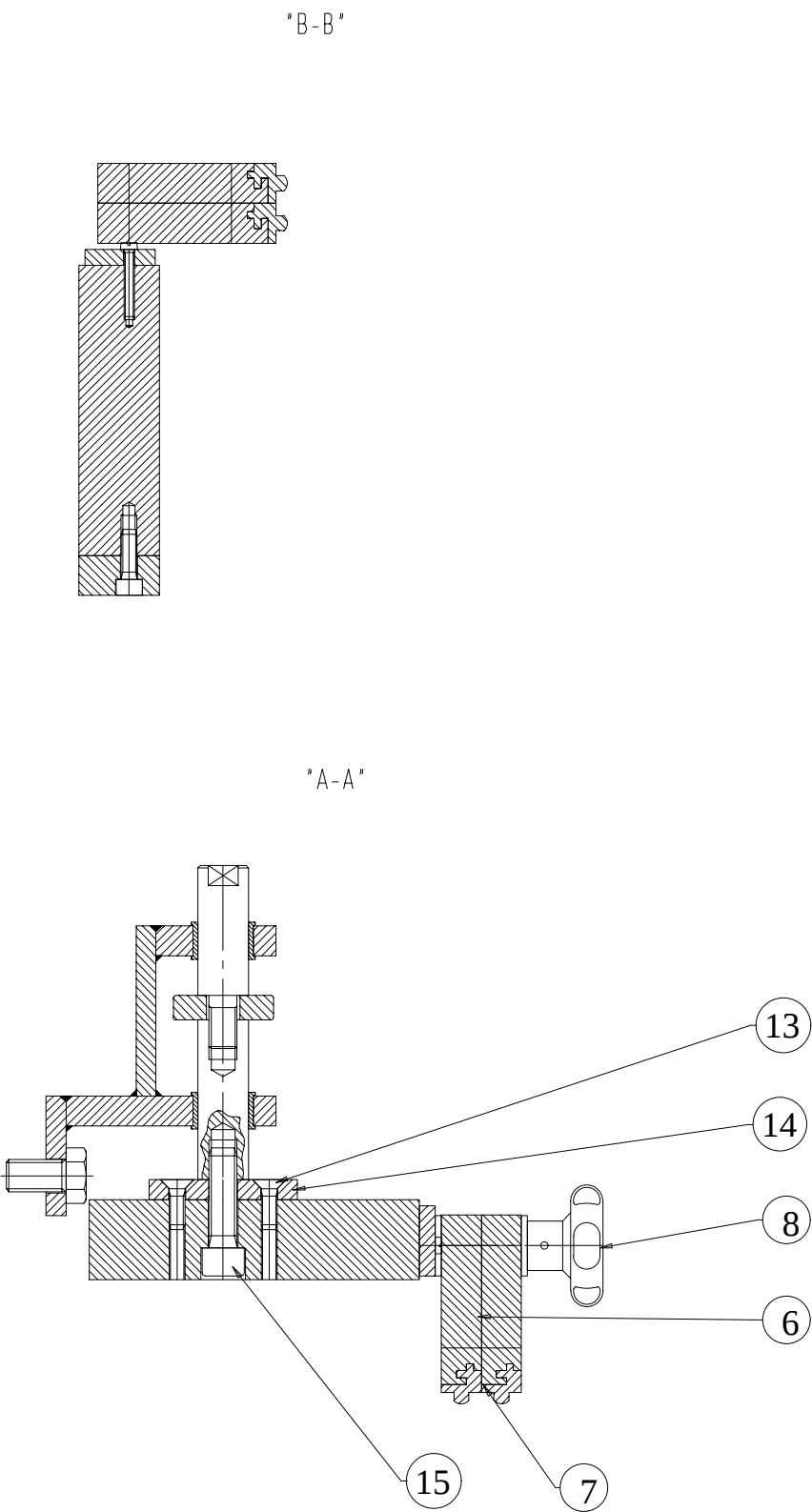
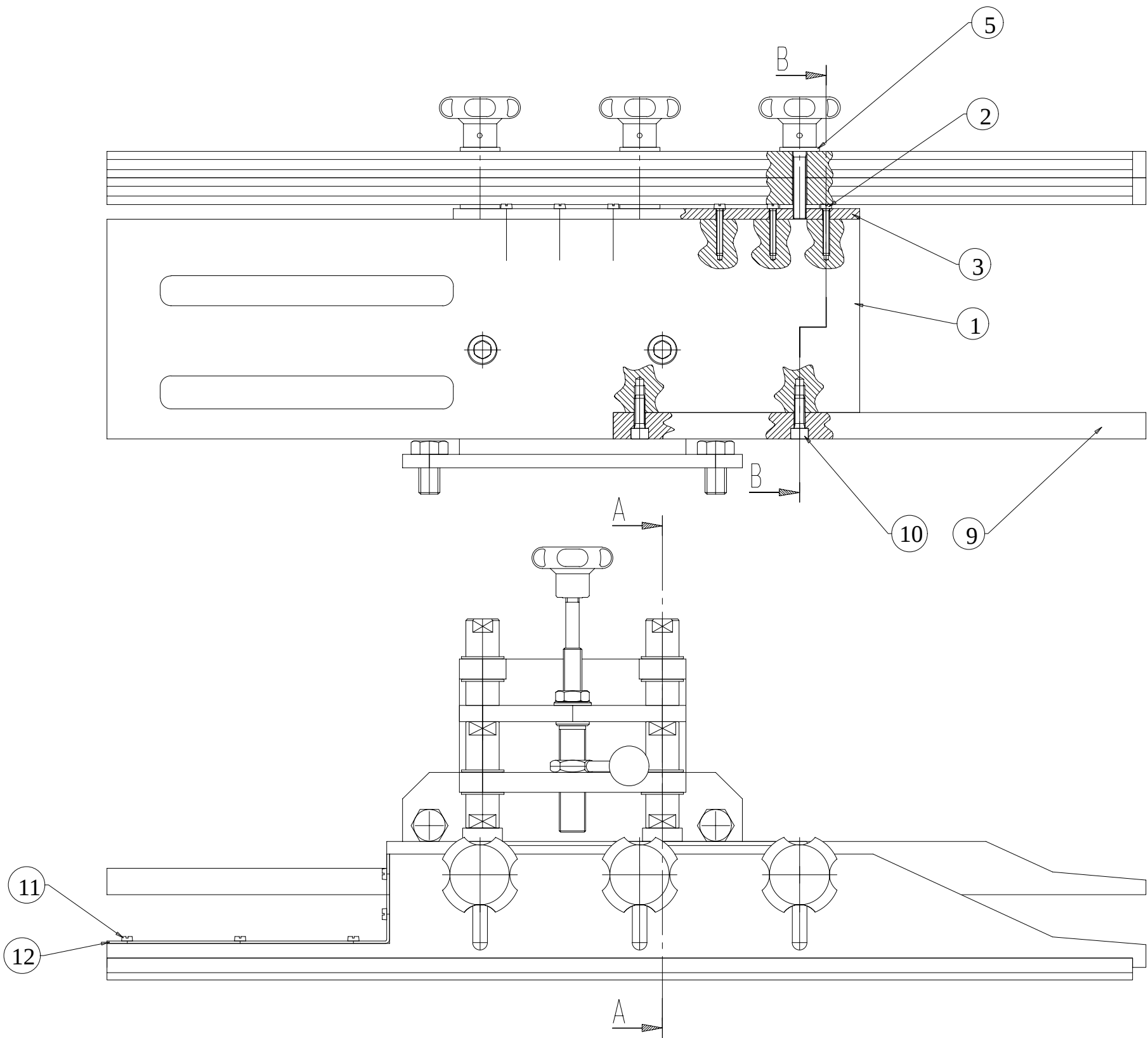




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PART LIST
XR02PP028Y**DESIGNATION**
INLET WORMSC.COUNTERGUIDE**DRAWING 323736**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	294196/113	INLET WORMSC.COUNTERGUIDE	1 N.			
2	HQZ680	SCREW	6 N.			
3	189262	REINFORCEMENT	1 N.			
5	005103/095	WASHER	6 N.			
6	321401	TAB	1 N.			
7	GZC114	PROFILE	2 MT			
8	372653/016	HANDLE	3 N.			
9	185240	TAB	1 N.			
10	HME124	SCREW	2 N.			
11	HQZ080	SCREW	10 N.			
12	185931	SHEET	2 N.			
13	HNS024	SCREW	4 N.			
14	185155	PLATE	2 N.			
15	HMH136	SCREW	2 N.			

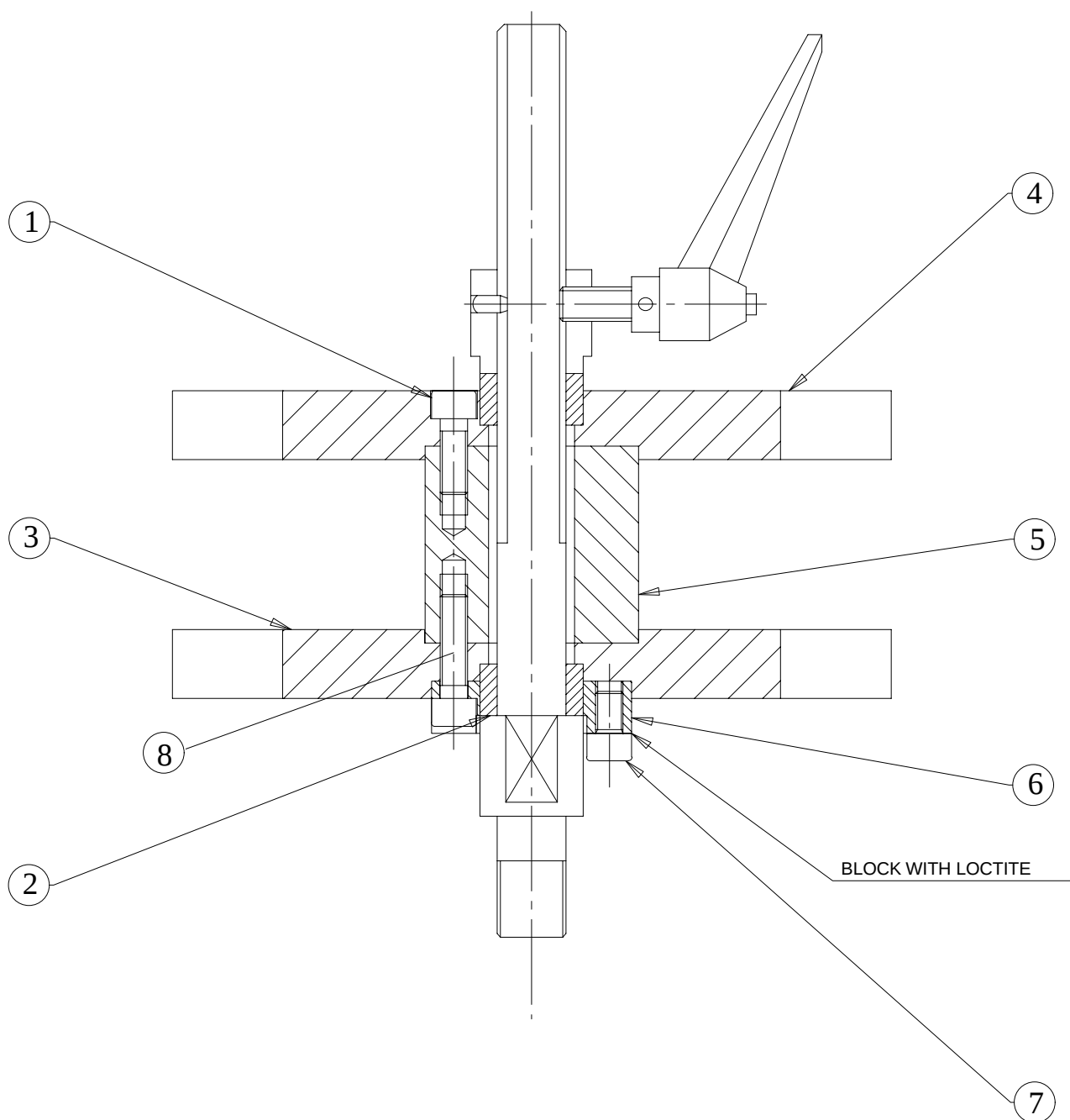




RAA415 * 463C * EUROSTAR

PART LIST
XR05PP029Y**DESIGNATION**
BOTTLE STOP STARWHEEL**DRAWING 349622**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	HME124	SCREW	3 N.			
2	184712	BUSHING	2 N.			
3	329702/054	STARWHEEL	1 N.			
4	329705/062	STARWHEEL	1 N.			
5	372645/006	SPACER	1 N.			
6	250368/003	DISK	1 N.			
7	HME112	SCREW	3 N.			
8	HME126	SCREW	3 N.			

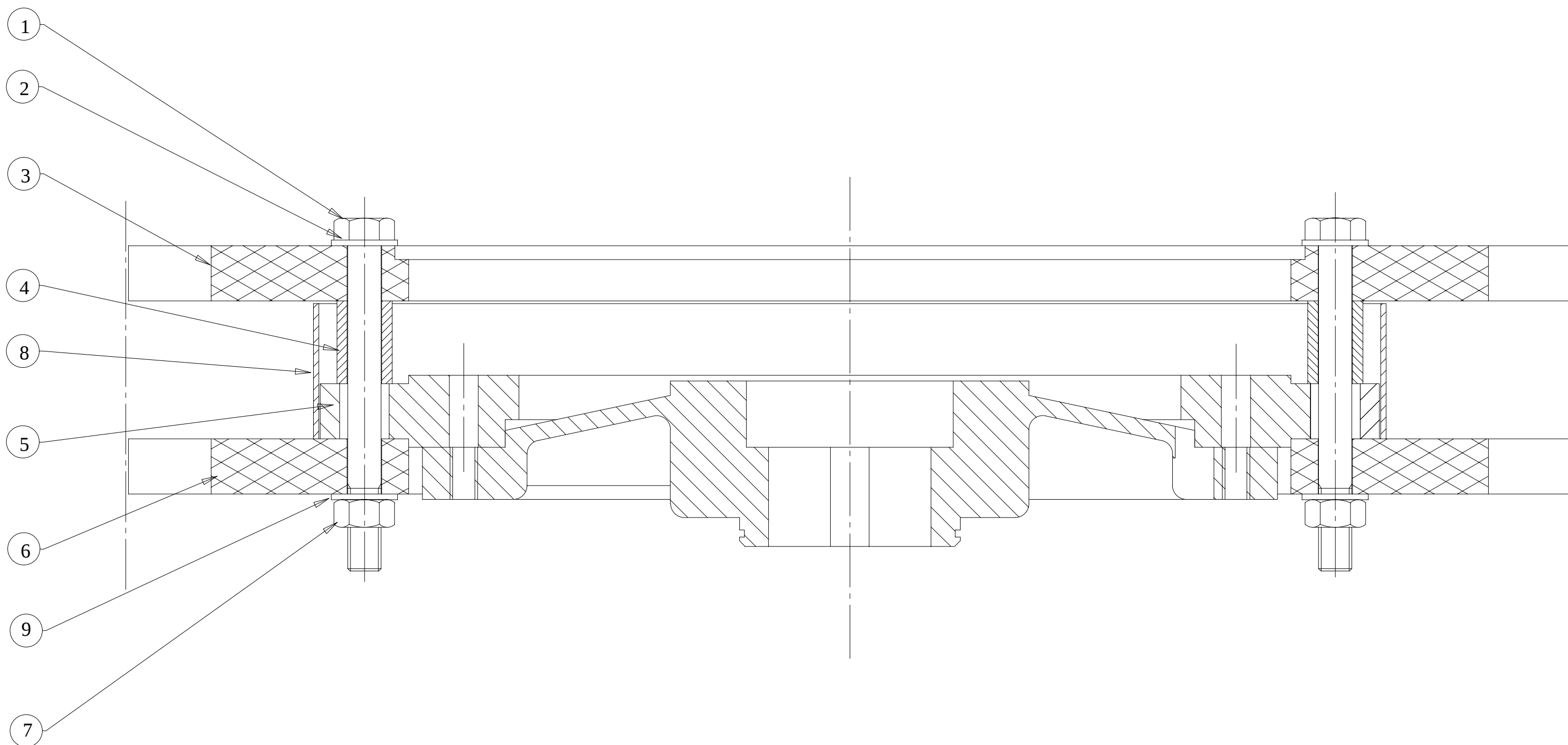




RAA415 * 463C * EUROSTAR

PART LIST
XR06PP020G**DESIGNATION**
STARWHEEL*DRAWING 172675*

<i>POS.</i>	<i>ITEM</i>	<i>DESIGNATION</i>	<i>Q.TY</i>	<i>S</i>	<i>R</i>	<i>K</i>
1	9090D012X190	ADJUSTMENT SCREW	5 N.			
2	HRU012	WASHER	5 N.			
3	444759	STARWHEEL	1 N.			
4	372633/096	SPACER	5 N.			
5	183972/002	HUB	1 N.			
6	444760	STARWHEEL	1 N.			
7	HRP012	NUT	5 N.			
8	292793/202	CYLINDER	1 N.			
9	HRU012	WASHER	5 N.			

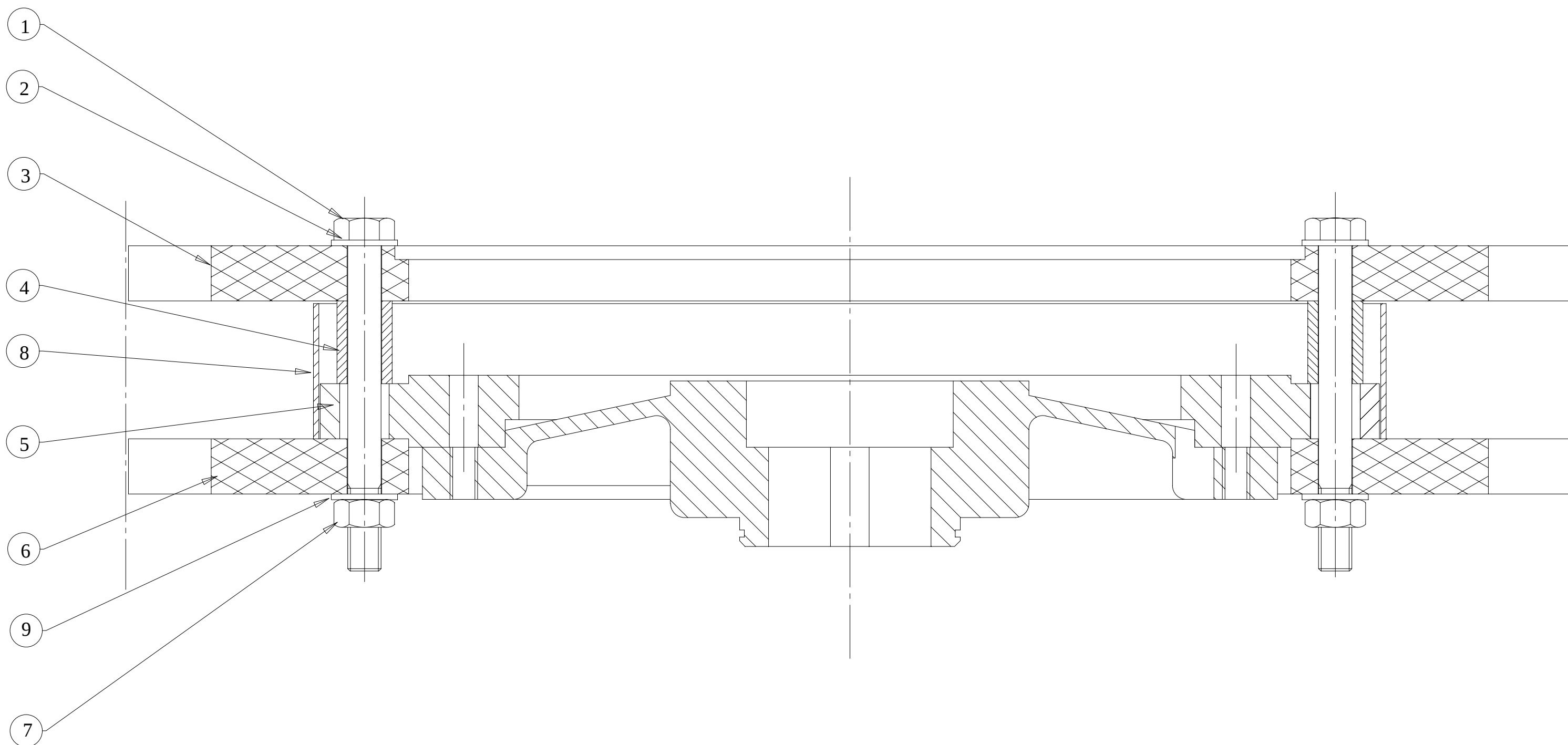




RAA415 * 463C * EUROSTAR

PART LIST
XR09PP023C**DESIGNATION**
STARWHEEL*DRAWING 172675*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	9090D012X190	ADJUSTMENT SCREW	6 N.			
2	HRU012	WASHER	6 N.			
3	444761	STARWHEEL	1 N.			
4	372633/096	SPACER	6 N.			
5	183972/003	HUB	1 N.			
6	444762	STARWHEEL	1 N.			
7	HRP012	NUT	6 N.			
8	292793/203	CYLINDER	1 N.			
9	HRU012	WASHER	6 N.			



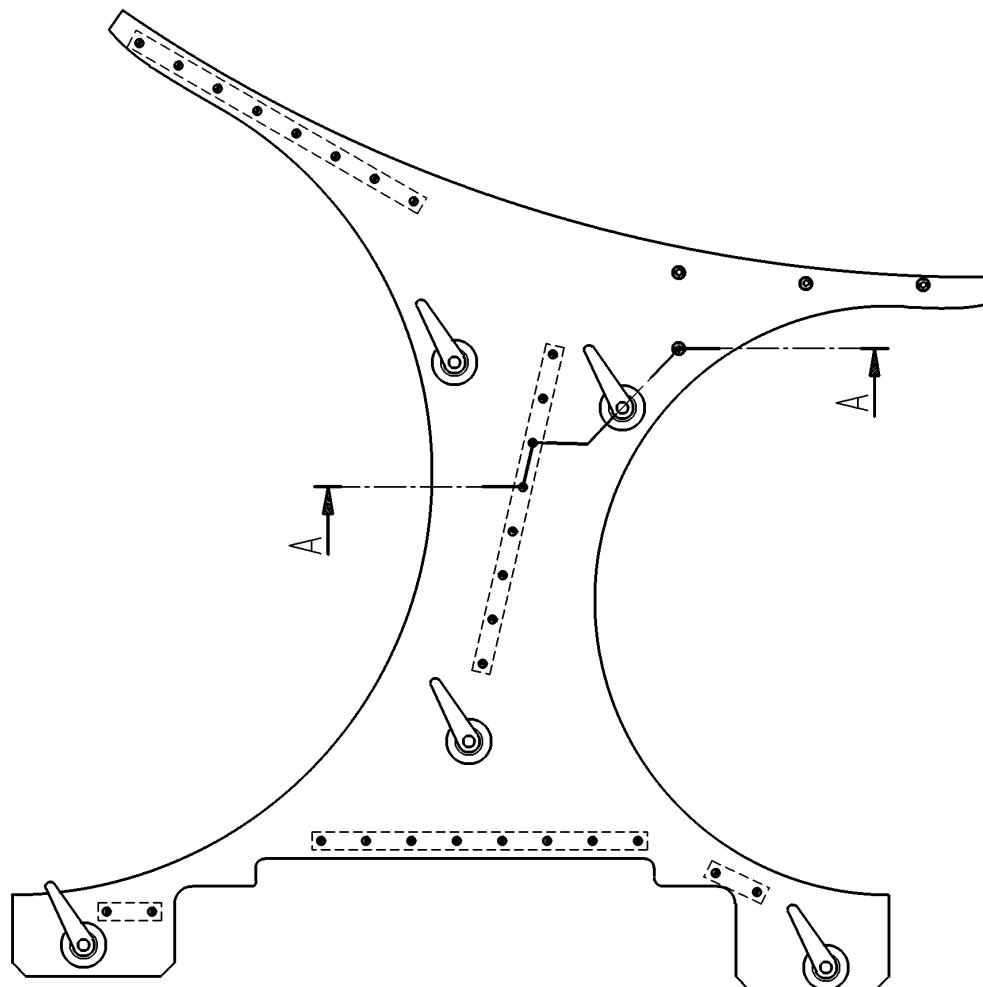
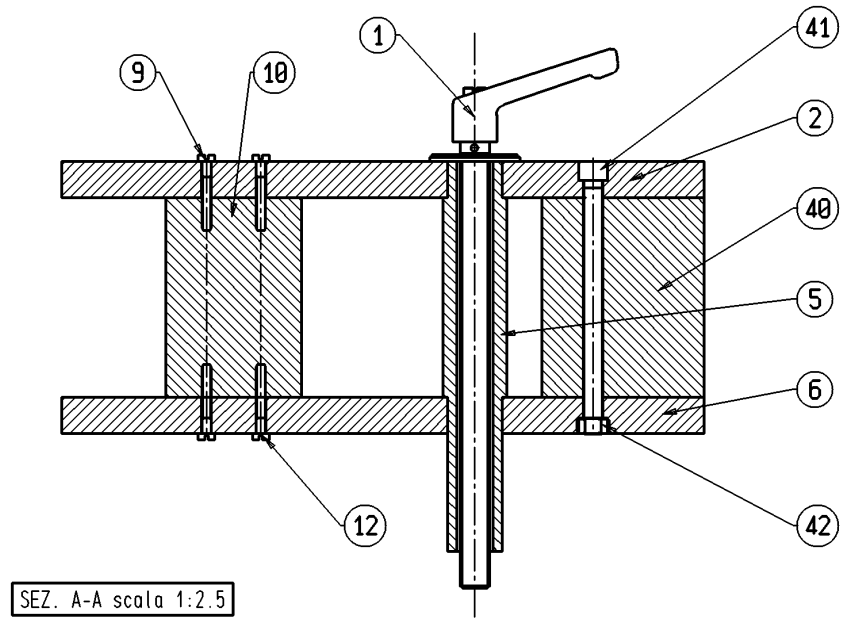


RAA415 * 463C * EUROSTAR

PART LIST
XR12PP023W**DESIGNATION**
GUIDE

DRAWING 445839

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/029	HANDLE	4 N.	S		
2	80PR001G48	GUIDE	1 N.			
5	372641/042	SPACER	4 N.			
6	80PR001G49	GUIDE	1 N.			
9	HQZ680	SCREW	23 N.			
10	350056/358	SPACER	1 N.			
10	350056/100	SPACER	1 N.			
10	350056/096	SPACER	1 N.			
10	350056/253	SPACER	1 N.			
12	HQZ680	SCREW	23 N.			
40	80PR001G50	TAB	1 N.			
41	HMD170	SCREW	5 N.			
42	HRP006	NUT	5 N.			



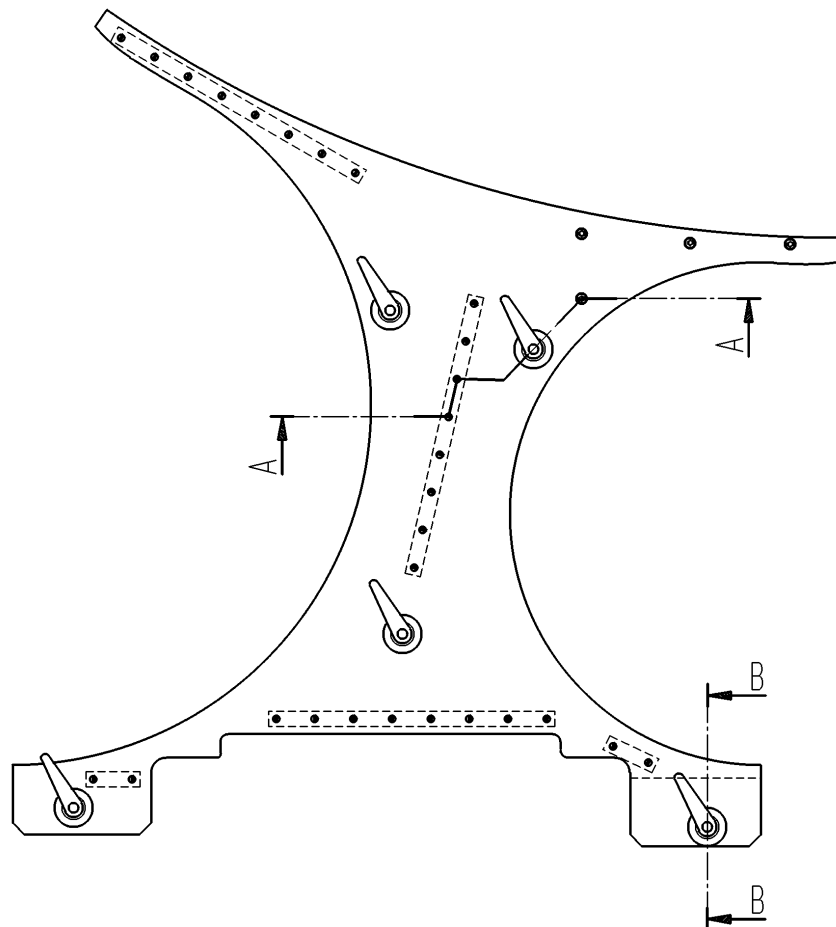
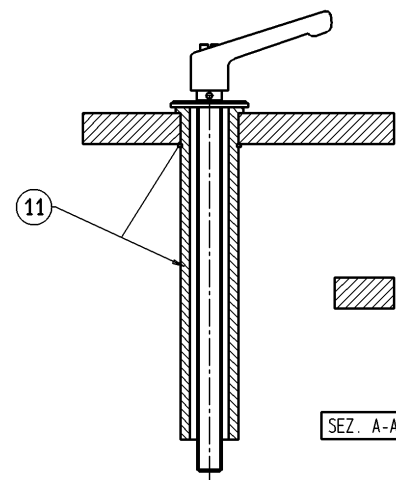
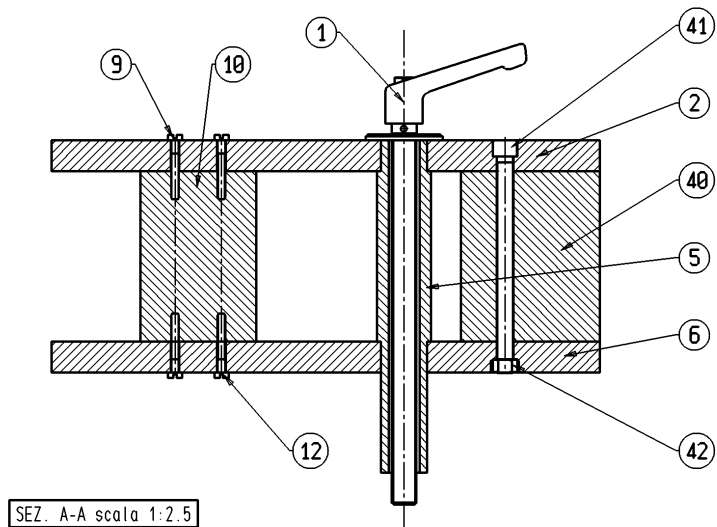


RAA415 * 463C * EUROSTAR

PART LIST
XR13PP005T**DESIGNATION**
GUIDE

DRAWING 445865

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/029	HANDLE	5 N.	S		
2	80PR001G45	GUIDE	1 N.			
5	372641/042	SPACER	4 N.			
6	80PR001G46	GUIDE	1 N.			
9	HQZ680	SCREW	27 N.			
10	350056/358	SPACER	1 N.			
10	350056/099	SPACER	1 N.			
10	350056/098	SPACER	1 N.			
10	350056/096	SPACER	1 N.			
10	350056/253	SPACER	1 N.			
11	HZF030	EXTERNAL RETAINING RING	1 N.			
11	372637/014	STUD	1 N.			
12	HQZ680	SCREW	27 N.			
40	80PR001G47	TAB	1 N.			
41	HME171	SCREW	5 N.			
42	HRP008	NUT	5 N.			



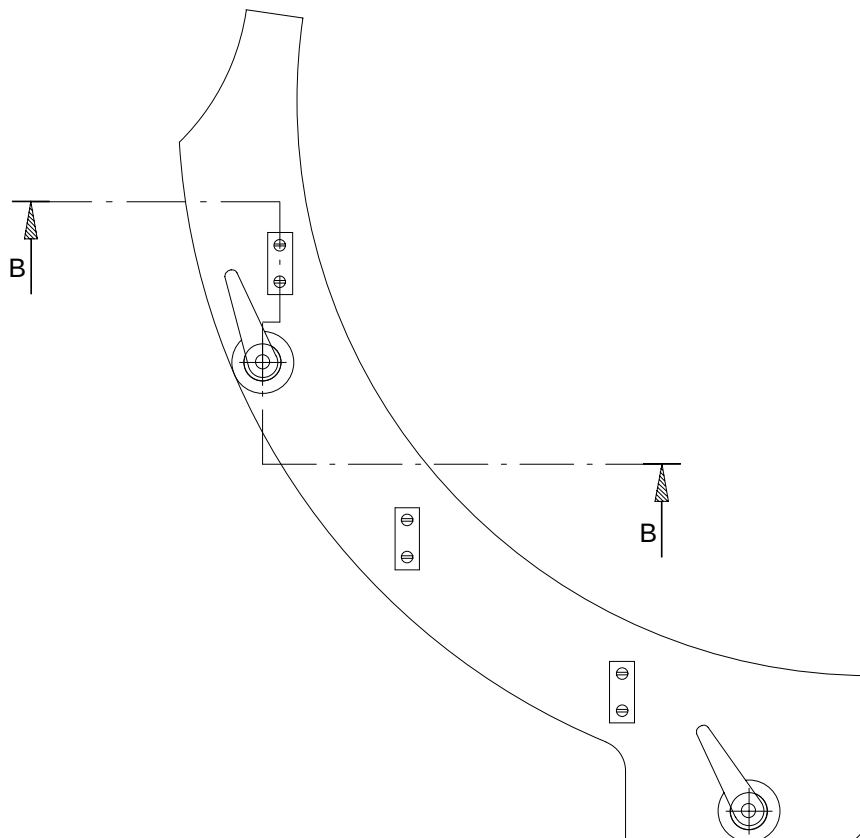
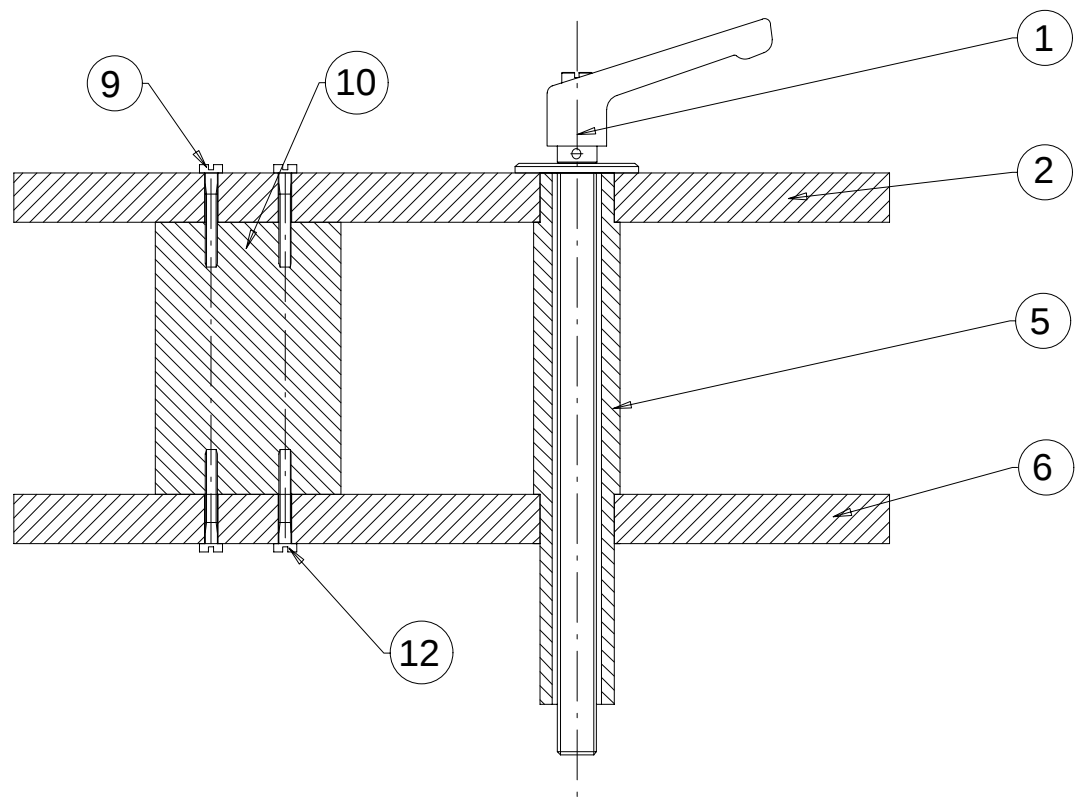


RAA415 * 463C * EUROSTAR

PART LIST
XR20PP006H**DESIGNATION**
GUIDE*DRAWING 382888*

<i>POS.</i>	<i>ITEM</i>	<i>DESIGNATION</i>	<i>Q.TY</i>	<i>S</i>	<i>R</i>	<i>K</i>
1	372654/034	HANDLE	2 N.	S		
2	80PR001G51	GUIDE	1 N.			
5	372641/048	SPACER	2 N.			
6	80PR001G52	GUIDE	1 N.			
9	HQZ680	SCREW	14 N.			
10	350056/057	SPACER	1 N.			
10	350056/056	SPACER	3 N.			
12	HQZ680	SCREW	14 N.			

B-B

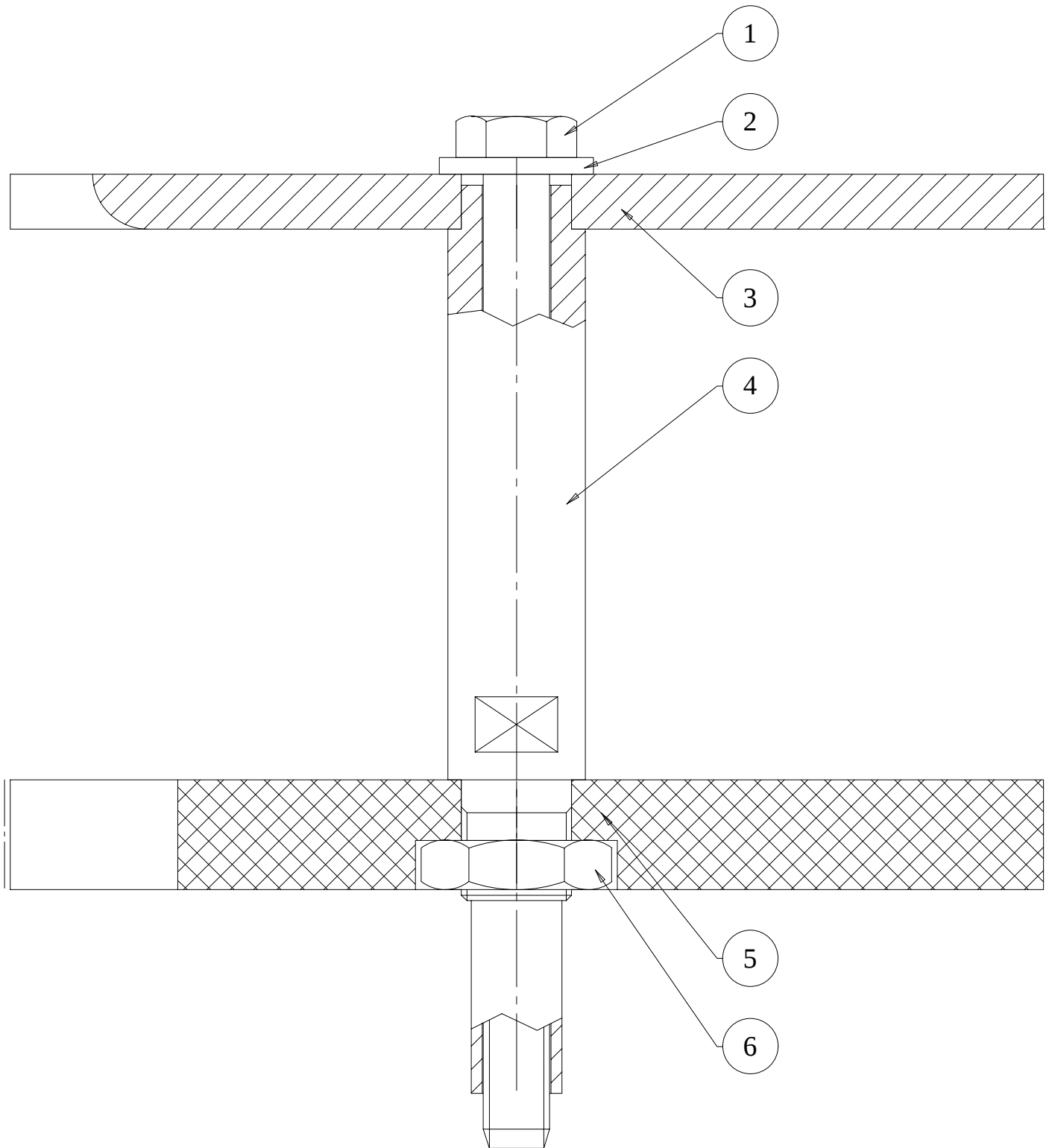




RAA415 * 463C * EUROSTAR

PART LIST
XR22PP013X**DESIGNATION**
STARWHEEL*DRAWING 177044*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	9090D012X210	ADJUSTMENT SCREW	6 N.			
2	005103/098	WASHER	6 N.			
3	329811/019	STARWHEEL	1 N.			
4	372642/023	SPACER	6 N.			
5	329809/068	STARWHEEL	1 N.			
6	HRP220	NUT	6 N.			



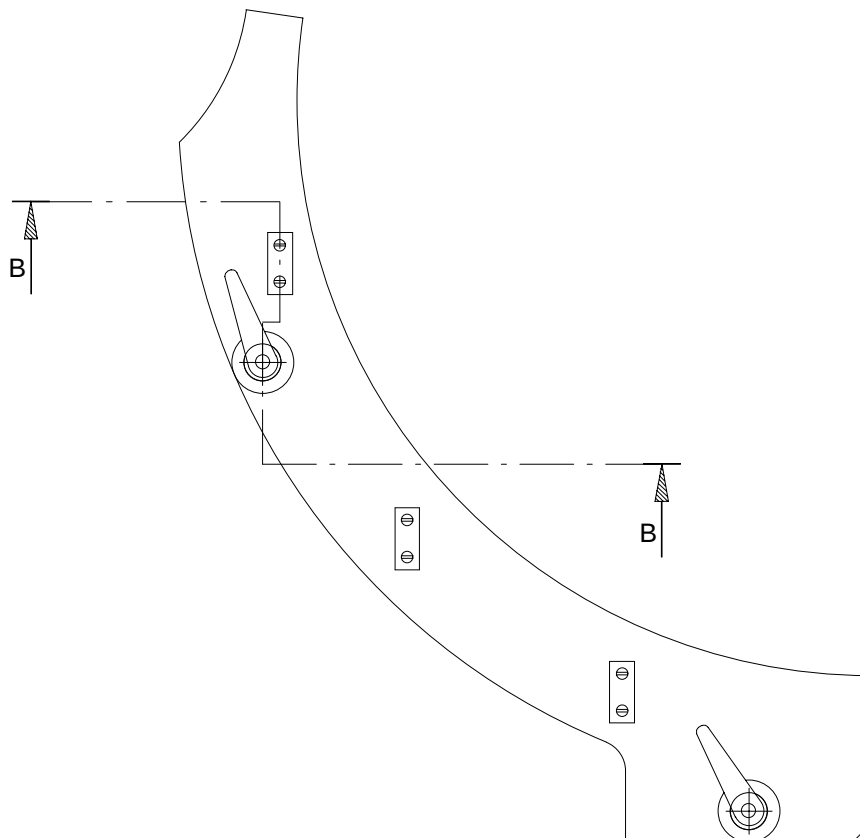
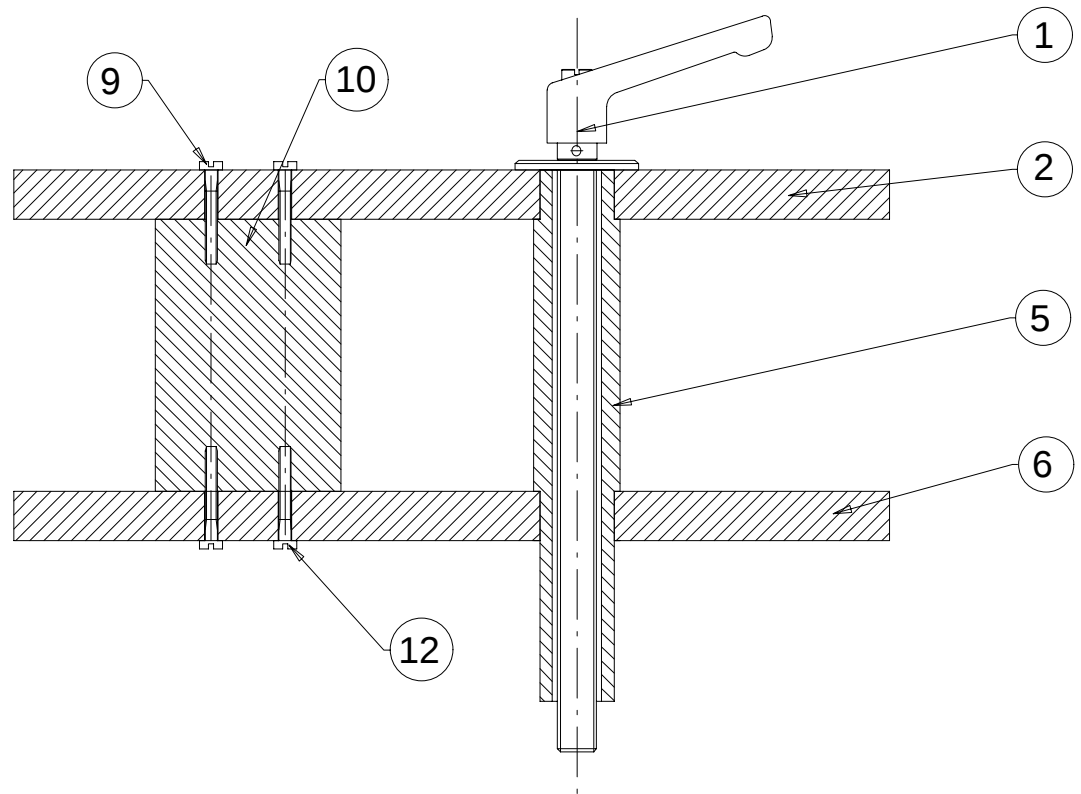


RAA415 * 463C * EUROSTAR

PART LIST
XR23PP0120**DESIGNATION**
GUIDES*DRAWING 382888*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/034	HANDLE	2 N.	S		
2	80PR001G55	GUIDE	1 N.			
5	372641/048	SPACER	2 N.			
6	80PR001G56	GUIDE	1 N.			
9	HQZ680	SCREW	11 N.			
10	350056/058	SPACER	3 N.			
10	350056/057	SPACER	1 N.			
12	HQZ680	SCREW	11 N.			

B-B



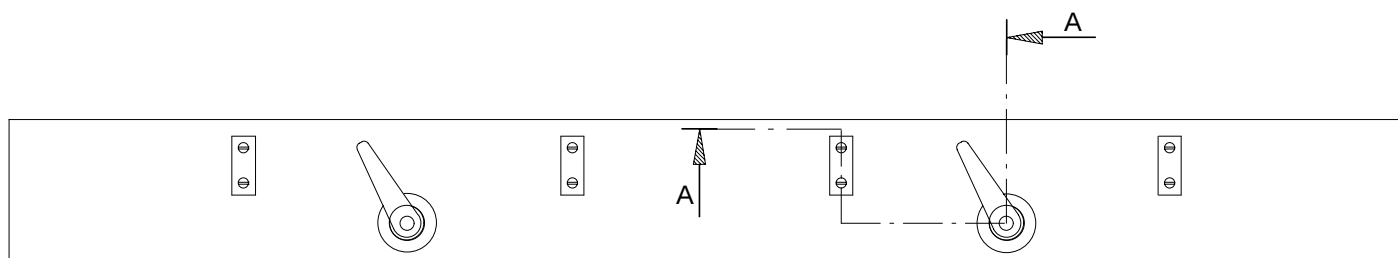
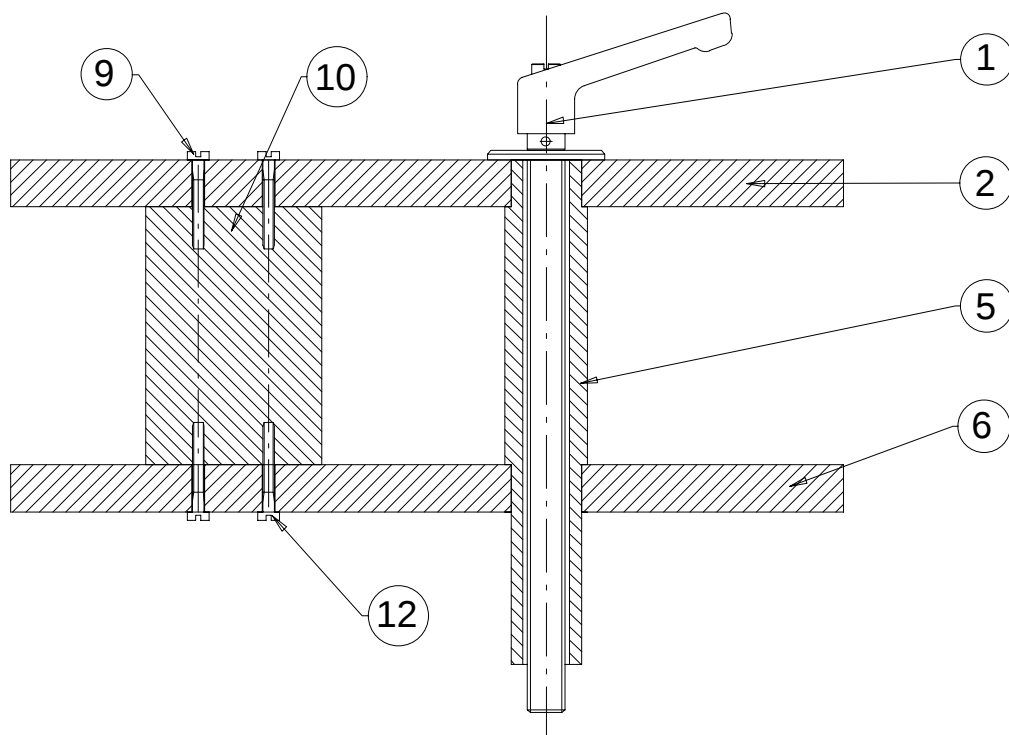


RAA415 * 463C * EUROSTAR

PART LIST
XR24PP008D**DESIGNATION**
GUIDES*DRAWING 382889*

<i>POS.</i>	<i>ITEM</i>	<i>DESIGNATION</i>	<i>Q.TY</i>	<i>S</i>	<i>R</i>	<i>K</i>
1	372654/034	HANDLE	2 N.	S		
2	80PR001G57	GUIDE	1 N.			
5	372641/149	SPACER	2 N.			
6	80PR001G58	GUIDE	1 N.			
9	HQZ680	SCREW	6 N.			
10	350056/035	SPACER	3 N.			
12	HQZ680	SCREW	6 N.			

A-A





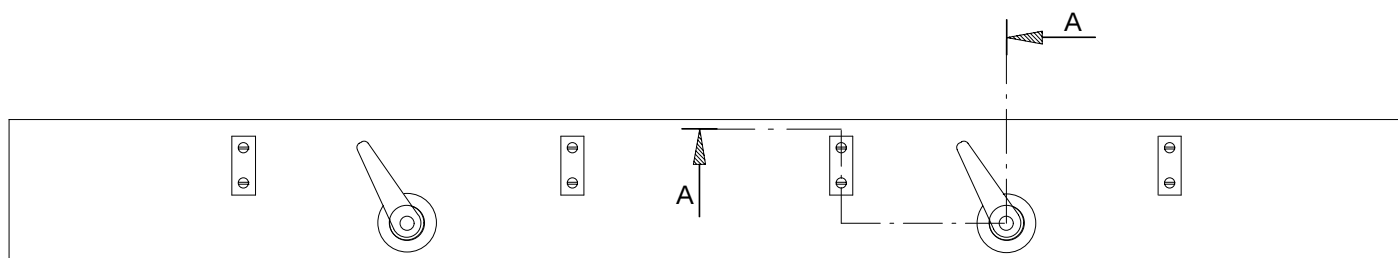
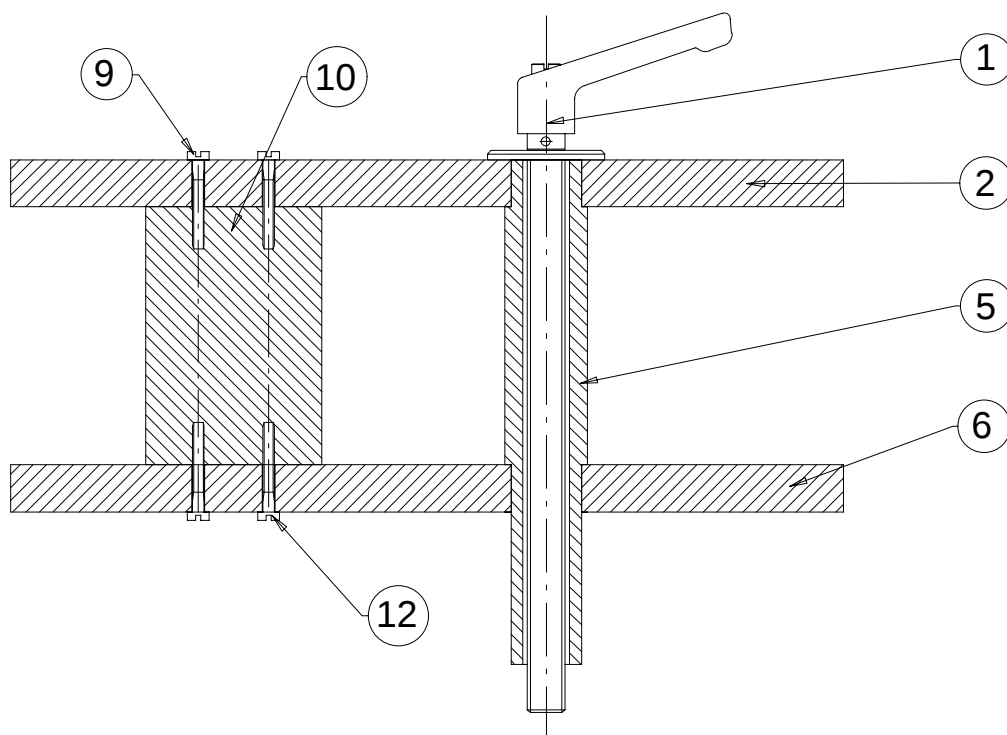
RAA415 * 463C * EUROSTAR

PART LIST
XR25PP006W**DESIGNATION**
GUIDES

DRAWING 382889

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/029	HANDLE	2 N.	S		
2	80PR001G59	GUIDE	1 N.			
5	372641/042	SPACER	2 N.			
6	80PR001G60	GUIDE	1 N.			
9	HQZ680	SCREW	15 N.			
10	350056/098	SPACER	2 N.			
10	350056/097	SPACER	1 N.			
12	HQZ680	SCREW	15 N.			

A-A



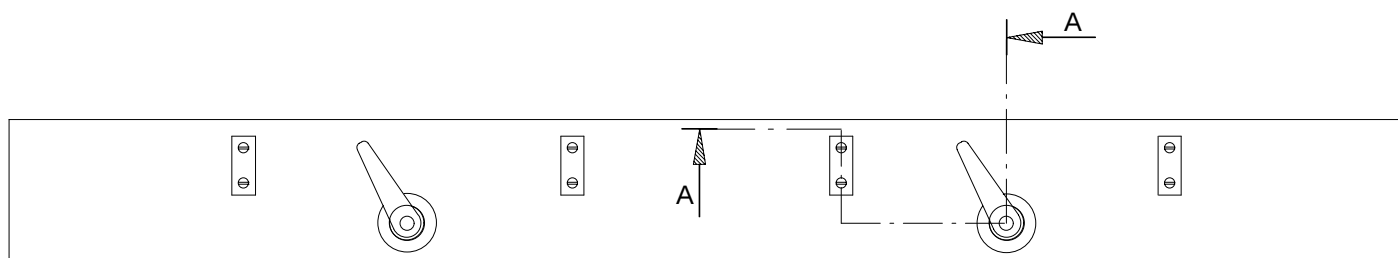
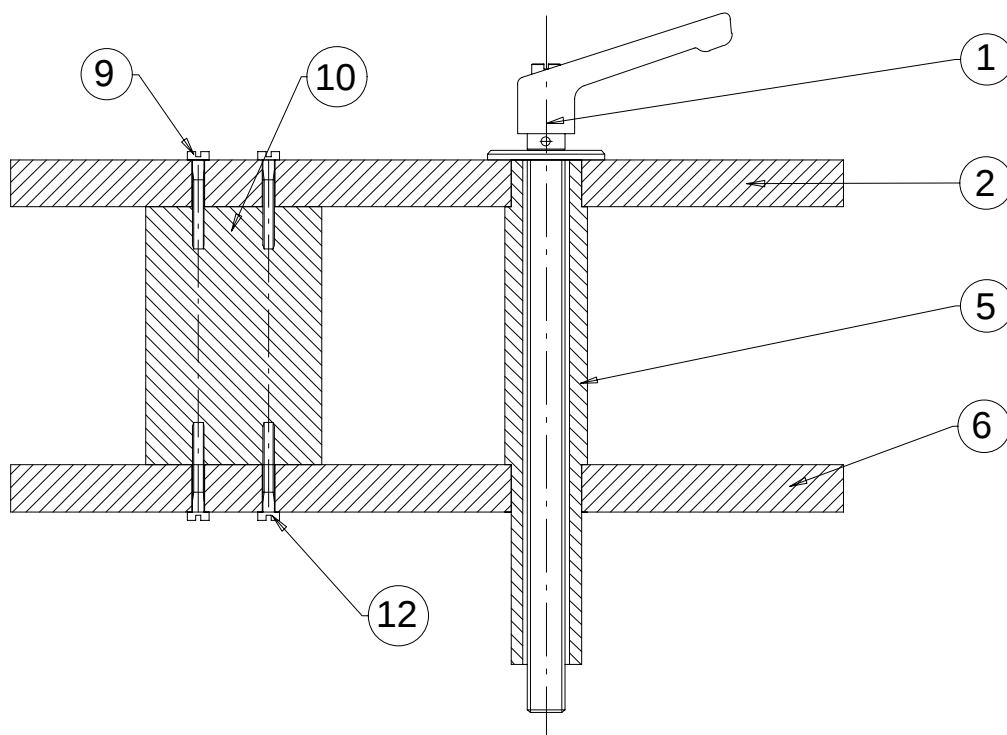


RAA415 * 463C * EUROSTAR

PART LIST
XR26PP037Y**DESIGNATION**
INTERNAL OUTLET GUIDE*DRAWING 382889*

<i>POS.</i>	<i>ITEM</i>	<i>DESIGNATION</i>	<i>Q.TY</i>	<i>S</i>	<i>R</i>	<i>K</i>
1	372654/029	HANDLE	2 N.	S		
2	80PR001G61	GUIDE	1 N.			
5	372641/042	SPACER	2 N.			
6	80PR001G62	GUIDE	1 N.			
9	HQZ680	SCREW	4 N.			
10	350056/098	SPACER	2 N.			
12	HQZ680	SCREW	4 N.			

A-A



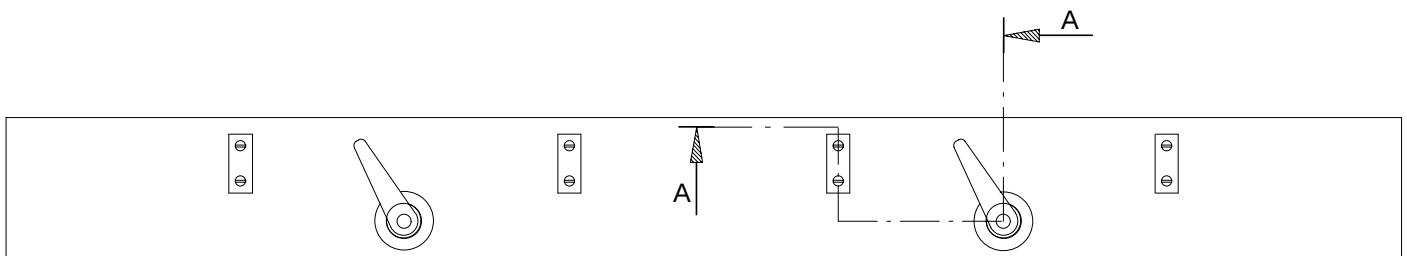
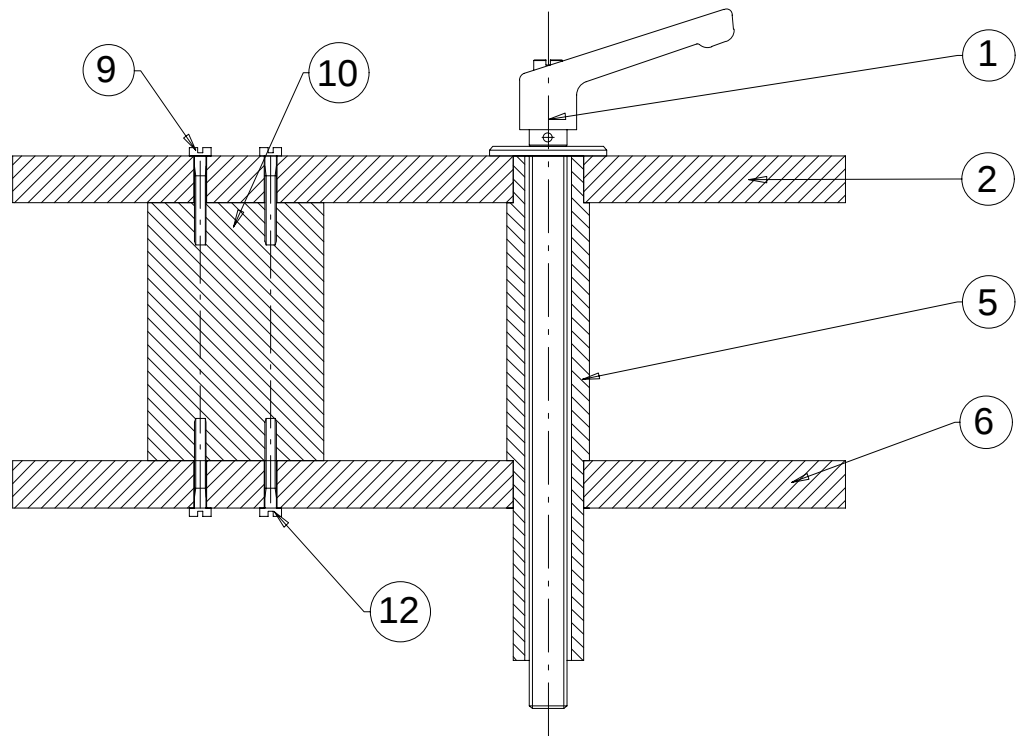


RAA415 * 463C * EUROSTAR

PART LIST
XR27PP024K**DESIGNATION**
INTERNAL OUTLET GUIDE**DRAWING 382889**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/029	HANDLE	2 N.	S		
2	80PR001G63	GUIDE	1 N.			
5	372641/042	SPACER	2 N.			
6	80PR001G64	GUIDE	1 N.			
9	HQZ680	SCREW	10 N.			
10	350056/101	SPACER	1 N.			
10	350056/098	SPACER	1 N.			
10	350056/253	SPACER	1 N.			
12	HQZ680	SCREW	10 N.			

A-A

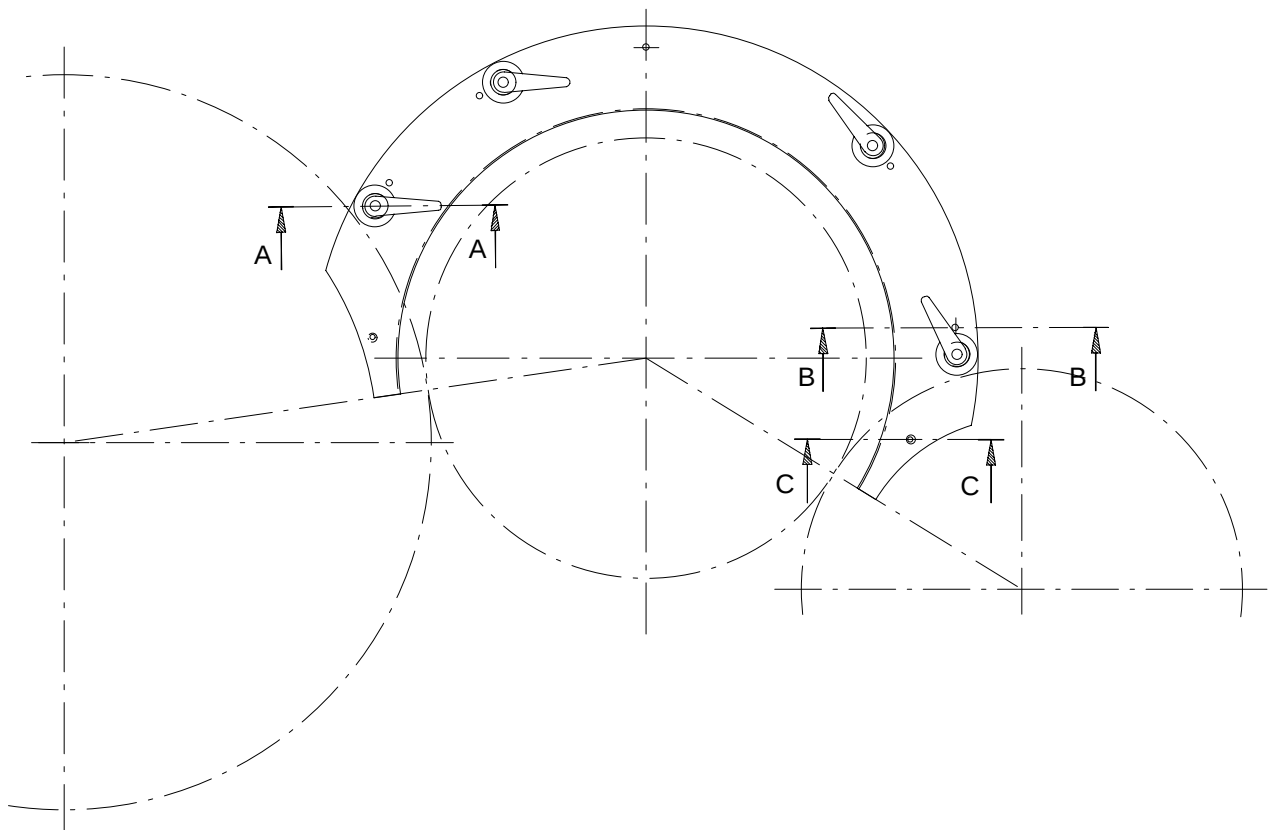
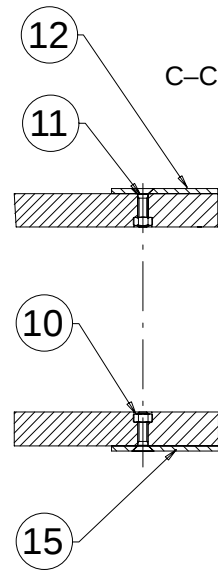
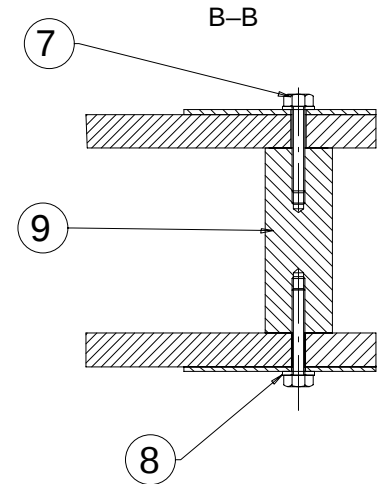
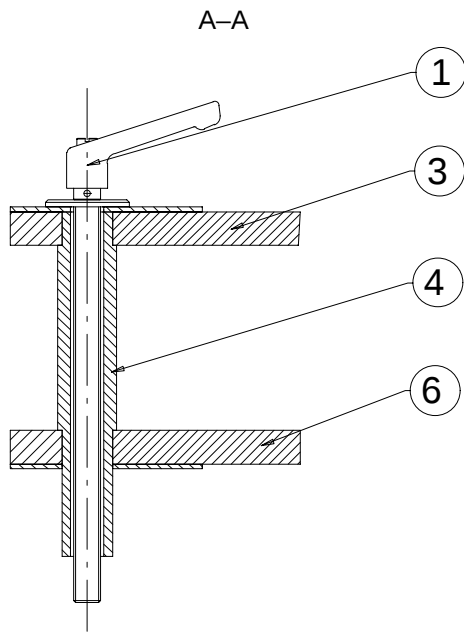




RAA415 * 463C * EUROSTAR

PART LIST
XR29PP019V**DESIGNATION**
GUIDE*DRAWING 382890*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/034	HANDLE	4 N.	S		
3	80PR001G53	GUIDE	1 N.			
4	372641/149	SPACER	4 N.			
6	80PR001G54	GUIDE	1 N.			
7	HLE030	SCREW	10 N.			
8	HRU108	SPRINGWASHER	10 N.			
9	372639/085	COLUMN	5 N.			
10	HRP006	NUT	4 N.			
11	HNR020	SCREW	4 N.			
12	189596	SHEET	1 N.			
15	189598	SHEET	1 N.			

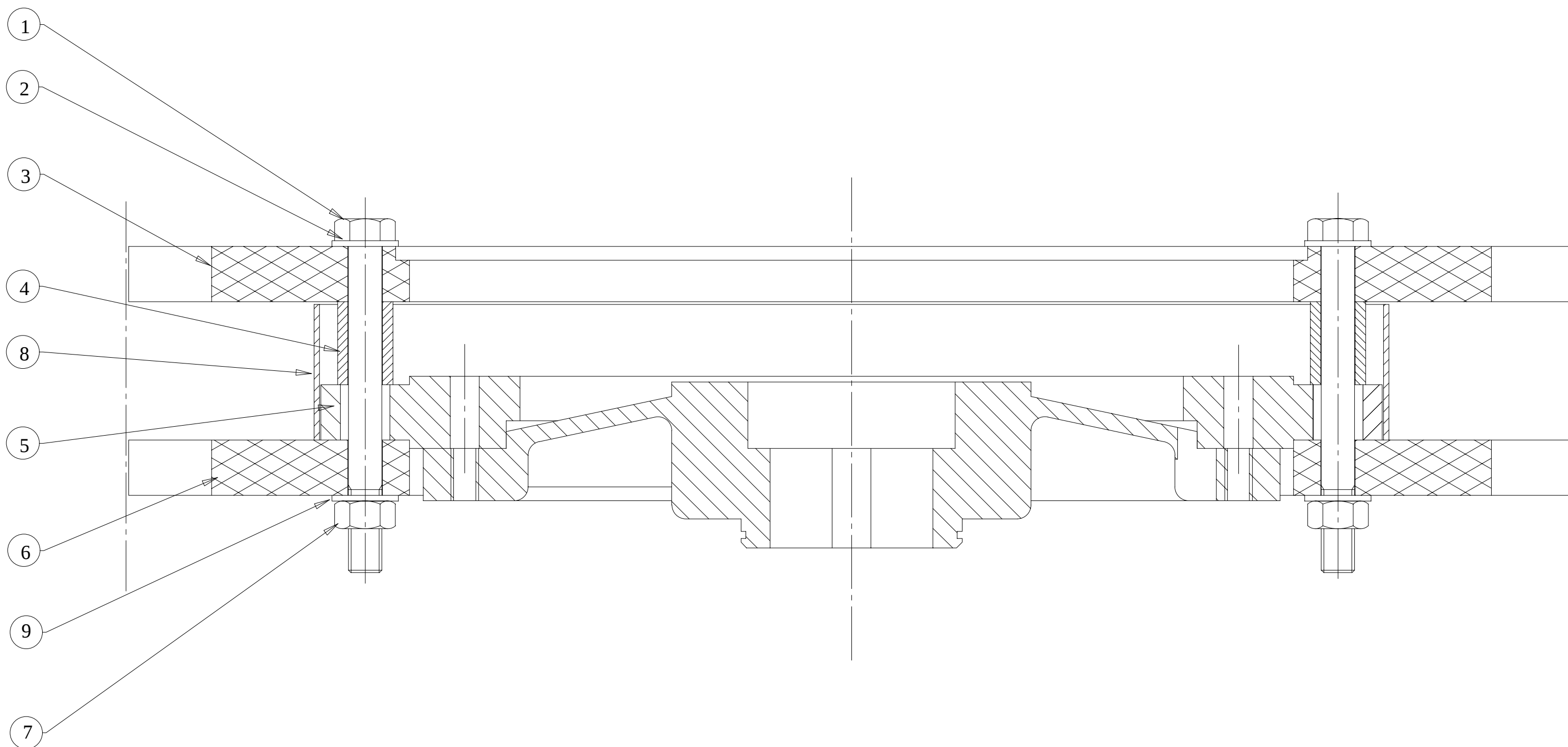




RAA415 * 463C * EUROSTAR

PART LIST
XR38PP026A**DESIGNATION**
STARWHEEL**DRAWING 172675**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	9090D012X190	ADJUSTMENT SCREW	5 N.			
2	HRU012	WASHER	5 N.			
3	443763	GUIDE	1 N.	S		
4	372633/096	SPACER	5 N.			
5	183972/001	HUB	1 N.			
6	444764	STARWHEEL	1 N.			
7	HRP012	NUT	5 N.			
8	292793/204	CYLINDER	1 N.			
9	HRU012	WASHER	5 N.			

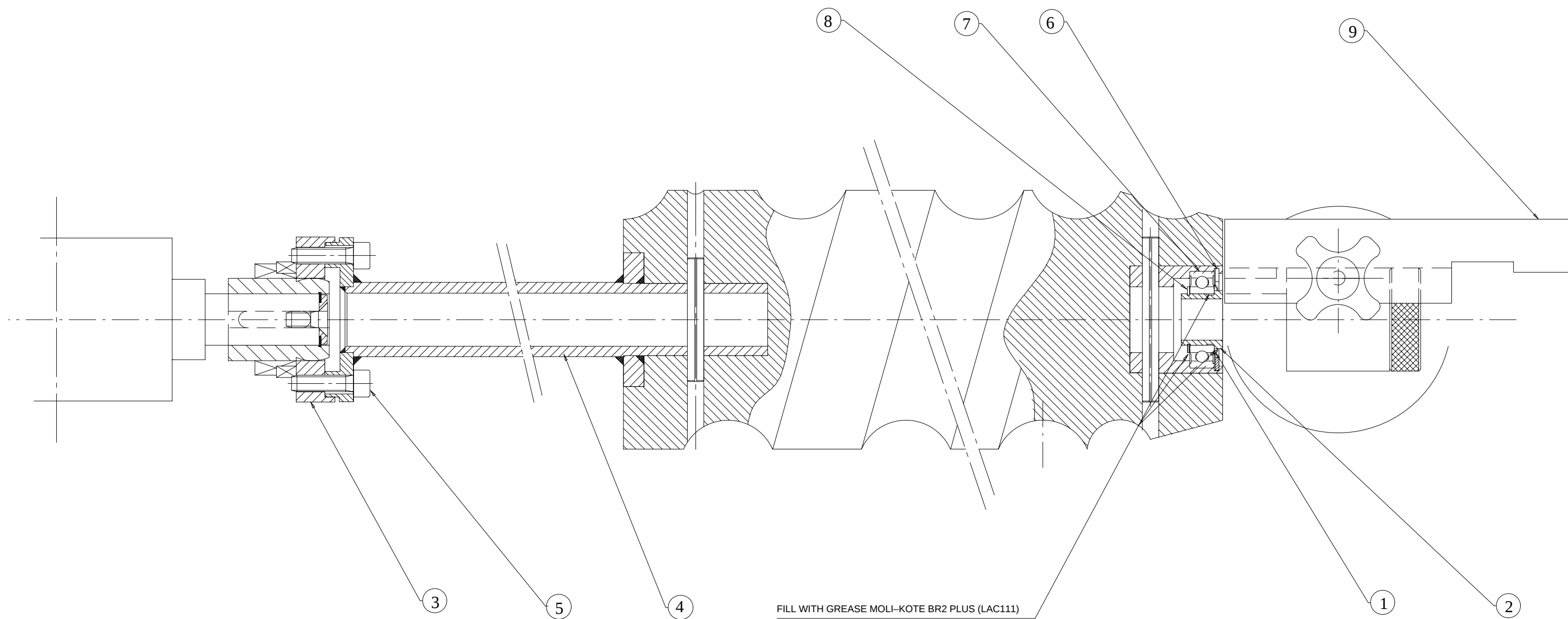




RAA415 * 463C * EUROSTAR

PART LIST
XR45PP003L**DESIGNATION**
WORMSCREW*DRAWING 247008*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	CHG450	RING	1 N.			
2	162213	FLANGE	1 N.			
3	162211	FLANGE	1 N.			
4	292866/283	WORMSCREW	1 N.			
5	HME126	SCREW	2 N.			
6	HZG047	INTERNAL RETAINING RING	1 N.			
7	CAA415	BEARING	1 N.		C	
8	HZC025	EXTERNAL RETAINING RING	1 N.			
9	330677/038	GUIDE	1 N.			



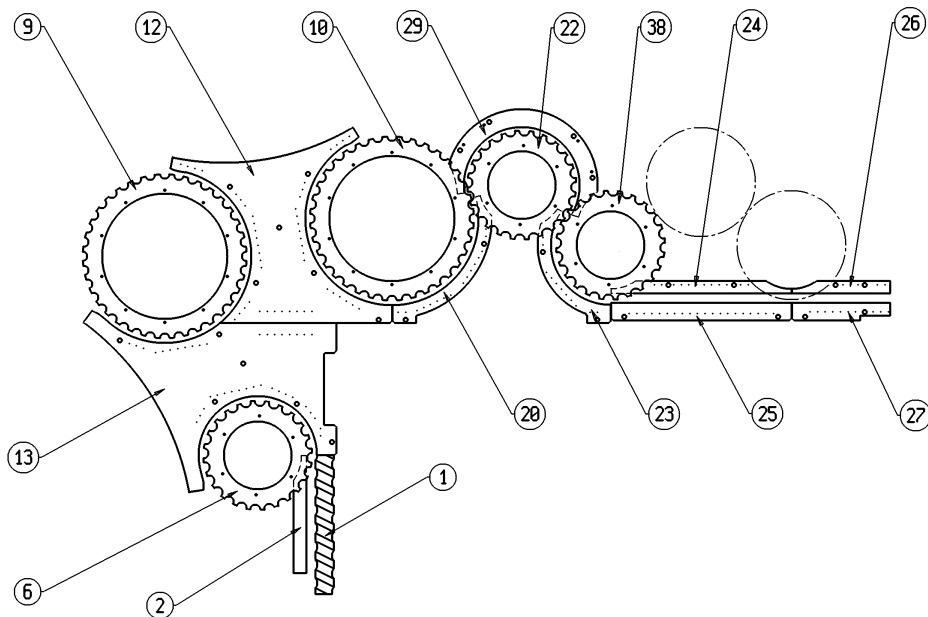


RAA415 * 463C * EUROSTAR

PART LIST
X000ERAA415**DESIGNATION**
HANDLING PARTS

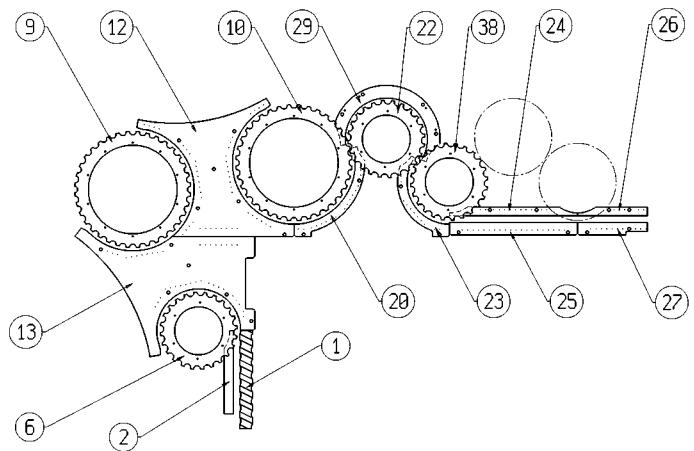
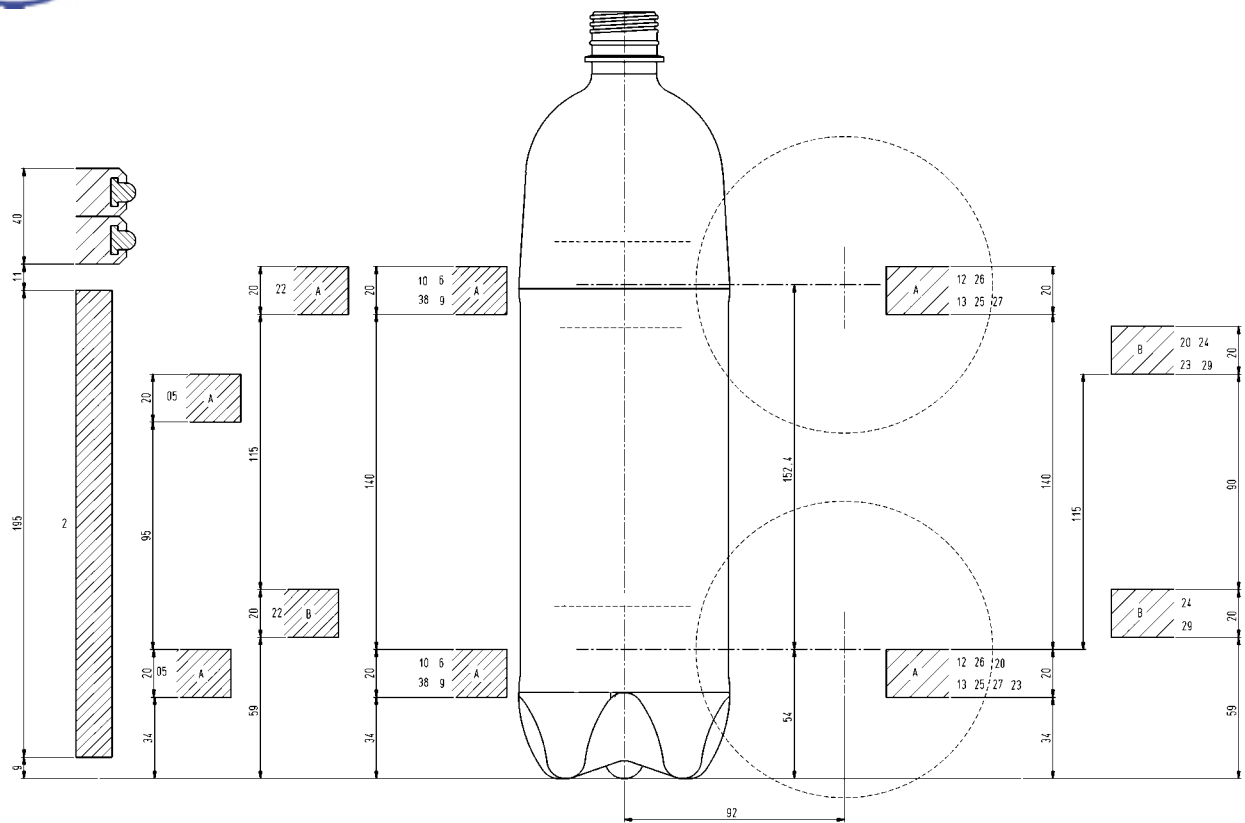
DRAWING 444428 444424 445577

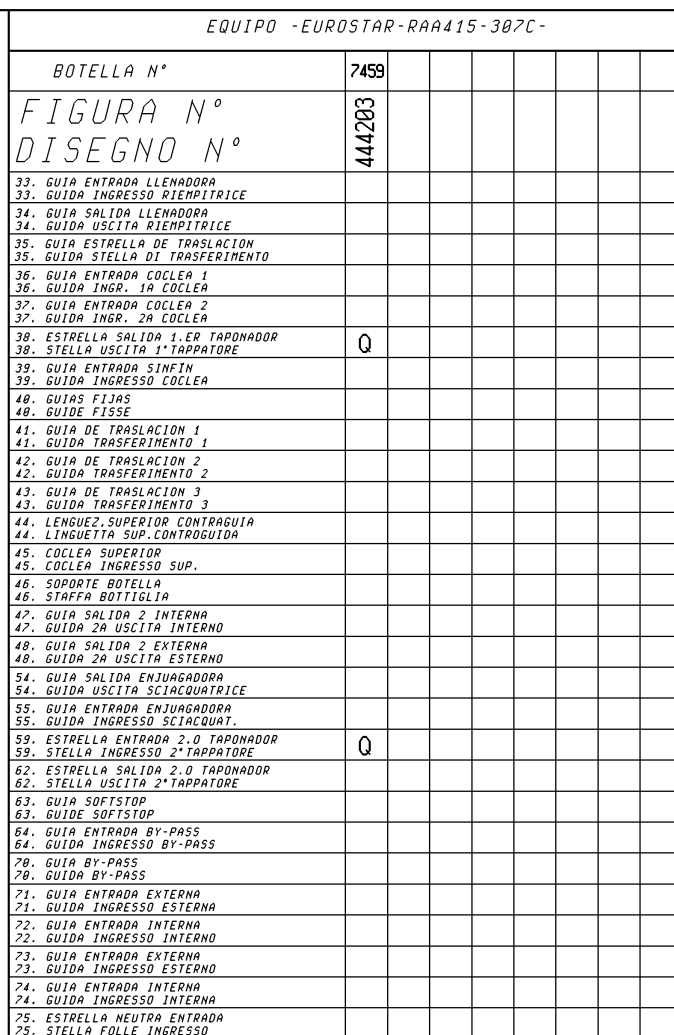
POS.	ITEM	DESIGNATION	Q.TY	S	R	K
6401	XR01PP036O	WORMSCREW	1 N.			
6405	XR05PP029Z	BOTTLE STOP STARWHEEL	1 N.			
6406	XR06PP020H	STARWHEEL	1 N.			
6409	XR09PP023D	STARWHEEL	1 N.			
6410	XR09PP023D	STARWHEEL	1 N.			
6412	XR12PP023Y	GUIDE	1 N.			
6413	XR12PP023X	GUIDE	1 N.			
6420	XR20PP006J	GUIDE	1 N.			
6422	XR22PP013Y	STARWHEEL	1 N.			
6423	XR23PP012Q	GUIDES	1 N.			
6424	XR24PP008E	GUIDES	1 N.			
6425	XR25PP006X	GUIDES	1 N.			
6426	XR26PP038A	INTERNAL OUTLET GUIDE	1 N.			
6427	XR27PP024L	EXTERNAL OUTLET GUIDE	1 N.			
6429	XR29PP019X	GUIDE	1 N.			
6438	XR38PP026B	STARWHEEL	1 N.			
6445	XR45PP003M	WORMSCREW	1 N.			



EQUIPO -EUROSTAR-RAA415-307C-								
BOTELLA N°	6982	6983	6984	7105	7106	6981	7463	7464
FIGURA N°	444423	444424	444425	444426	444427	444422	444467	444468
DISEGNO N°								
1. COCLEA ENTRADA	D	E	F	G	G	L	L	L
1. COCLEA INGRESSO	D	D	D	G	G	L	L	L
2. CONTRAGUIDA COCLEA								
2. CONTROGUIDA COCLEA								
3. COCLEA DE TRASLACION								
3. COCLEA TRASFERIMENTO								
4. CONTRAGUIDA COCLEA DE TRASL.								
4. CONTROGUIDA COCLEA TRASF.								
5. ESTRELLA PARADA BOTELLAS	D	E	F	G	G	L	L	L
5. STELLA ARRESTO BOTTIGLIE	D	E	F	G	G	L	L	L
6. ESTRELLA ENTRADA ENJUAGADORA	D	E	F	G	G	L	M	N
6. STELLA INGRESSO SCIAQU.								
7. ESTRELLA SALIDA ENJUAGADORA								
7. STELLA USCITA SCIAQU.								
8. ESTRELLA DE TRASLACION								
8. STELLA DI TRASFERIMENTO								
9. ESTRELLA ENTRADA LLENADORA	D	E	F	G	G	L	L	N
9. STELLA INGRESSO RIEMPITRICE	D	E	F	G	G	L	L	N
10. ESTRELLA SALIDA LLENADORA	D	E	F	G	G	L	L	N
10. STELLA USCITA RIEMPITRICE								
11. ESTRELLA BY-PASS								
11. STELLA BY-PASS								
12. GUIDA CENTRAL LLENADORA	D	E	F	G	G	L	L	L
12. GUIDA CENTRALE RIEMPITRICE	D	E	F	G	G	L	L	L
13. GUIDA CENTRAL ENJUAGADORA	D	E	F	G	G	L	M	N
13. GUIDA CENTRALE SCIAQUATR.								
14. GUIDA ENTRADA TAPADORA								
14. GUIDA INGRESSO TAPPATORE								
15. GUIDA CENTRAL TAPADORA								
15. GUIDA CENTRALE TAPPATORE								
16. ESTRELLA TAPADORA								
16. STELLA TAPPATORE								
17. GUIDA EXTERNA TAPADORA CON CORREA								
17. GUIDA EXTERNA TAPP. CON CINGHIOLLO								
18. GUIDA EXTERNA TAPADORA								
18. GUIDA EXTERNA TAPPATORE								
19. GUIDA SALIDA TAPADORA								
19. GUIDA USCITA TAPPATORE								
20. GUIDA ENTRADA CAPSULADORA	D	E	F	G	H	L	M	N
20. GUIDA INGRESSO CAPSULATRICE								
21. GUIDA CENTRAL CAPSULADORA								
21. GUIDA CENTRALE CAPSULATRICE								
22. ESTRELLA CAPSULADORA	D	E	F	G	H	L	M	N
22. STELLA CAPSULATRICE	D	E	F	G	H	L	M	N
23. GUIDA SALIDA CAPSULADORA	D	E	F	G	H	L	M	N
23. GUIDA USCITA CAPSULATRICE								
24. GUIDA SALIDA INT. INTERMEDIA	D	E	F	G	H	L	M	N
24. GUIDA USCITA INT. INTERMEDIA	D	E	F	G	G	L	M	N
25. GUIDA SALIDA EXT. INTERMEDIA	D	E	F	G	G	L	M	N
25. GUIDA USCITA EXT. INTERMEDIA	D	E	F	G	G	L	M	N
26. GUIDA SALIDA INTERNA	D	E	F	G	G	L	M	N
26. GUIDA USCITA INTERNA	D	E	F	G	G	L	M	N
27. GUIDA SALIDA EXTERNA	D	E	F	G	G	L	M	N
27. GUIDA USCITA EXTERNA								
28. GUIDA CIRCULAR SALIDA								
28. GUIDA USCITA CIRCOLARE								
29. GUIDA EXTERNA CAPSULADORA	D	E	F	G	H	L	M	N
29. GUIDA EXTERNA CAPSULATRICE								
30. GUIDA BY-PASS ENJUAGADORA								
30. GUIDA BY-PASS SCIAQUATRICE								
31. ESTRELLA ENTRADA COCLEA 1								
31. STELLA INGR. 1A COCLEA								
32. ESTRELLA ENTRADA COCLEA 2								
32. STELLA INGR. 2A COCLEA								

EQUIPO -EUROSTAR-RAA415-307C-								
BOTELLA N°	6982	6983	6984	7105	7106	6981	7463	7464
FIGURA N°	444423	444424	444425	444426	444427	444422	444467	444468
DISEGNO N°								
33. GUIDA ENTRADA LLENADORA								
33. GUIDA INGRESSO RIEMPITRICE								
34. GUIDA SALIDA LLENADORA								
34. GUIDA USCITA RIEMPITRICE								
35. GUIDA ESTRELLA DE TRASLACION								
35. GUIDA STELLA DI TRASFERIMENTO								
36. GUIDA ENTRADA COCLEA 1								
36. GUIDA INGR. 1A COCLEA								
37. GUIDA ENTRADA COCLEA 2								
37. GUIDA INGR. 2A COCLEA								
38. ESTRELLA SALIDA 1.ER TAPONADOR	D	E	F	G	G	L	M	N
38. STELLA USCITA 1°TAPPATORE								
39. GUIDA ENTRADA SINFIN								
39. GUIDA INGRESSO COCLEA								
40. GUIDAS FIJAS								
40. GUIDE FISSE								
41. GUIDA DE TRASLACION 1								
41. GUIDA TRASFERIMENTO 1								
42. GUIDA DE TRASLACION 2								
42. GUIDA TRASFERIMENTO 2								
43. GUIDA DE TRASLACION 3								
43. GUIDA TRASFERIMENTO 3								
44. LENGÜETZ SUPERIOR CONTRAGUIDA								
44. LINGUETTA SUP. CONTROGUIDA								
45. COCLEA SUPERIOR	D	E	F	G	G			
45. COCLEA INGRESSO SUP.								
46. SOPORTE BOTELLA								
46. STAFFA BOTTIGLIA								
47. GUIDA SALIDA 2 INTERNA								
47. GUIDA 2A USCITA INTERNO								
48. GUIDA SALIDA 2 EXTERNA								
48. GUIDA 2A USCITA ESTERNO								
54. GUIDA SALIDA ENJUAGADORA								
54. GUIDA USCITA SCIAQUATRICE								
55. GUIDA ENTRADA ENJUAGADORA								
55. GUIDA INGRESSO SCIAQUATR.								
59. ESTRELLA ENTRADA 2.0 TAPONADOR								
59. STELLA INGRESSO 2°TAPPATORE								
62. ESTRELLA SALIDA 2.0 TAPONADOR								
62. STELLA USCITA 2°TAPPATORE								
63. GUIDA SOFTSTOP								
63. GUIDE SOFTSTOP								
64. GUIDA ENTRADA BY-PASS								
64. GUIDA INGRESSO BY-PASS								
70. GUIDA BY-PASS								
70. GUIDA BY-PASS								
71. GUIDA ENTRADA EXTERNA								
71. GUIDA INGRESSO EXTERNA								
72. GUIDA ENTRADA INTERNA								
72. GUIDA INGRESSO INTERNO								
73. GUIDA ENTRADA EXTERNA								
73. GUIDA INGRESSO ESTERNO								
74. GUIDA ENTRADA INTERNA								
74. GUIDA INGRESSO INTERNA								
75. ESTRELLA NEUTRA ENTRADA								
75. STELLA FOLLE INGRESSO								



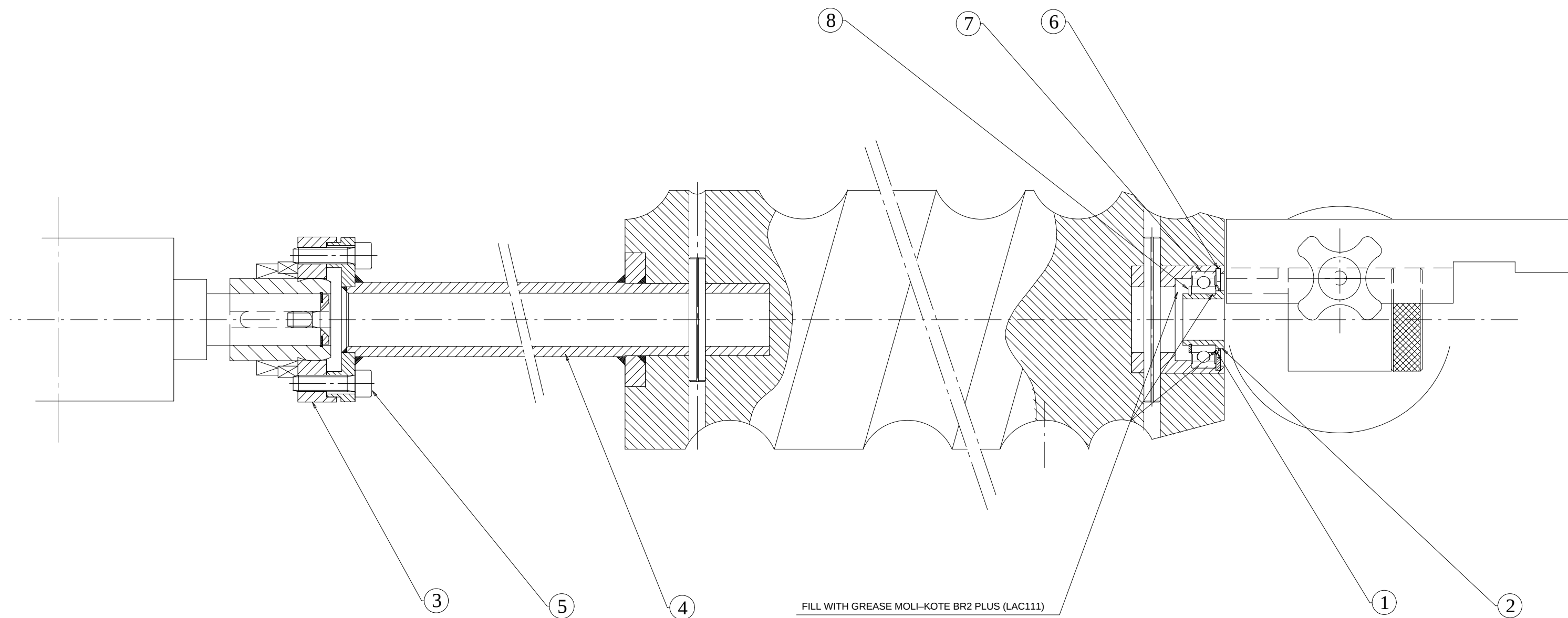




RAA415 * 463C * EUROSTAR

PART LIST
XR01PP0360**DESIGNATION**
WORMSCREW*DRAWING 162216*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	CHG450	RING	1 N.			
2	162213	FLANGE	1 N.			
3	162211	FLANGE	1 N.			
4	292866/329	WORMSCREW	1 N.			
5	HME126	SCREW	2 N.			
6	HZG047	INTERNAL RETAINING RING	1 N.			
7	CAA415	BEARING	1 N.		C	
8	HZC025	EXTERNAL RETAINING RING	1 N.			

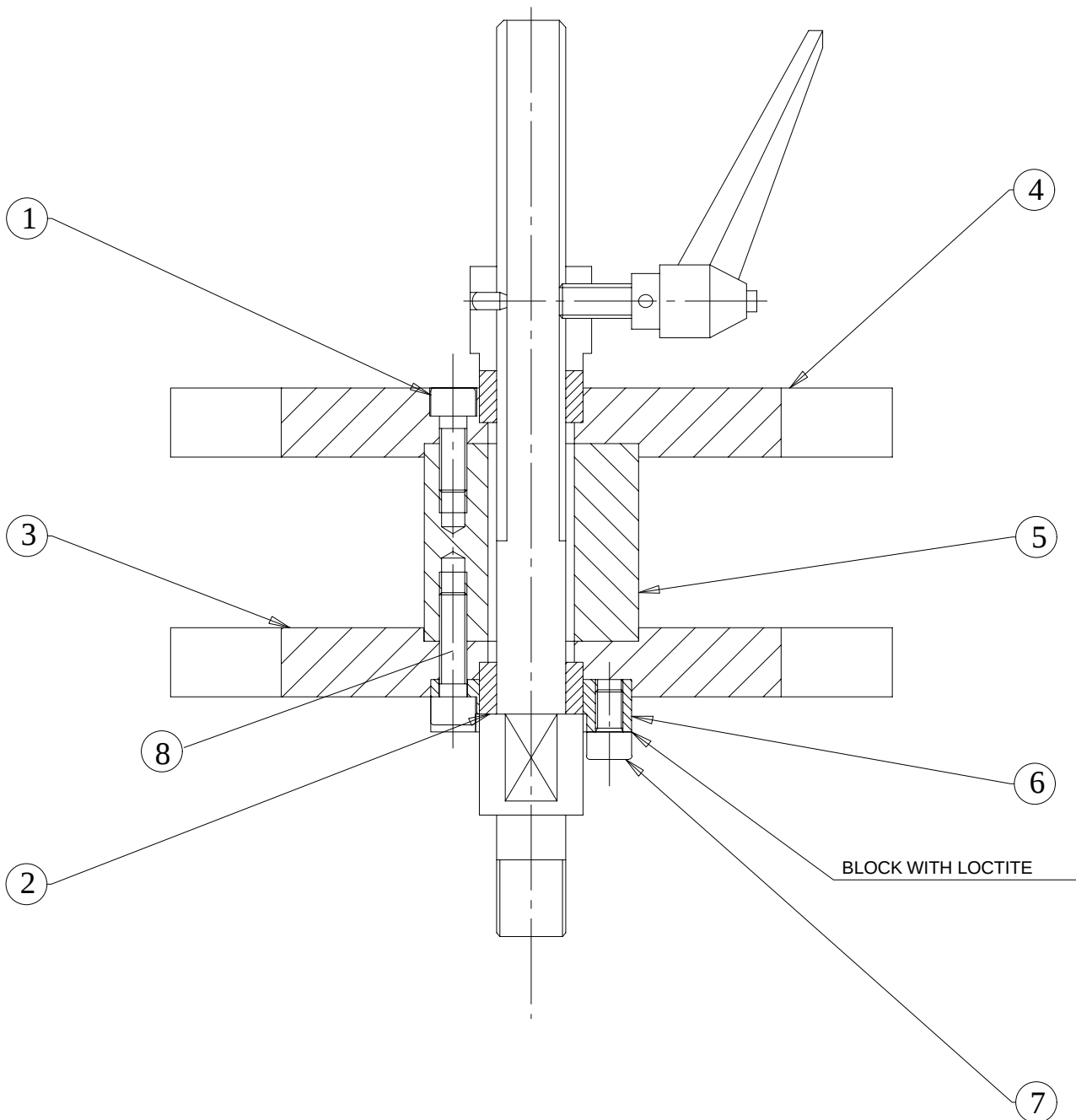




RAA415 * 463C * EUROSTAR

PART LIST
XR05PP029Z**DESIGNATION**
BOTTLE STOP STARWHEEL**DRAWING 349622**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	HME124	SCREW	3 N.			
2	184712	BUSHING	2 N.			
3	329702/049	STARWHEEL	1 N.			
4	329705/055	STARWHEEL	1 N.			
5	372645/006	SPACER	1 N.			
6	250368/003	DISK	1 N.			
7	HME112	SCREW	3 N.			
8	HME126	SCREW	3 N.			

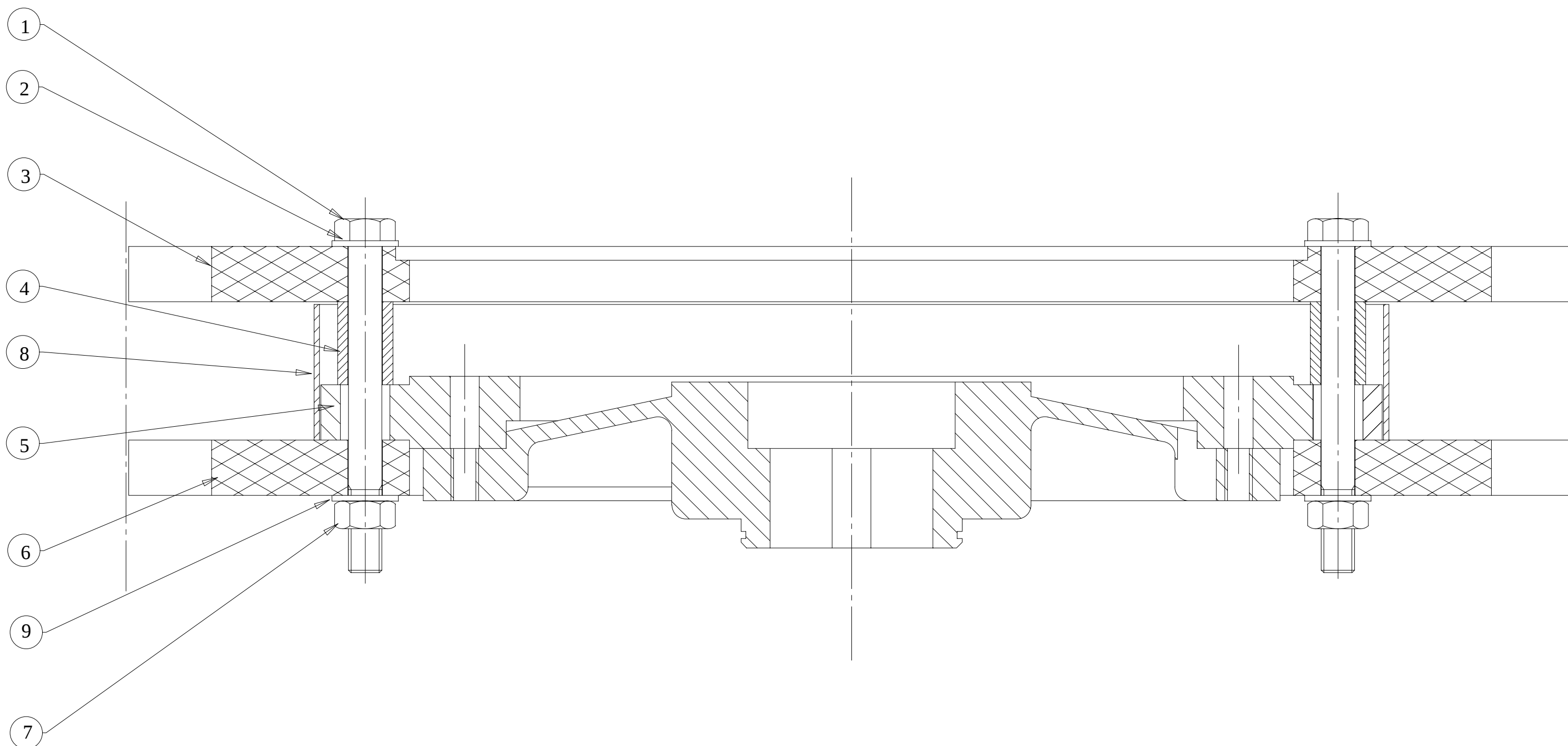




RAA415 * 463C * EUROSTAR

PART LIST
XR06PP020H**DESIGNATION**
STARWHEEL**DRAWING 172675**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	9090D012X215	ADJUSTMENT SCREW	5 N.			
2	HRU012	WASHER	5 N.			
3	444959	STARWHEEL	1 N.			
4	372633/048	SPACER	5 N.			
5	183972/002	HUB	1 N.			
6	444960	STARWHEEL	1 N.			
7	HRP012	NUT	5 N.			
8	292793/056	CYLINDER	1 N.			
9	HRU012	WASHER	5 N.			

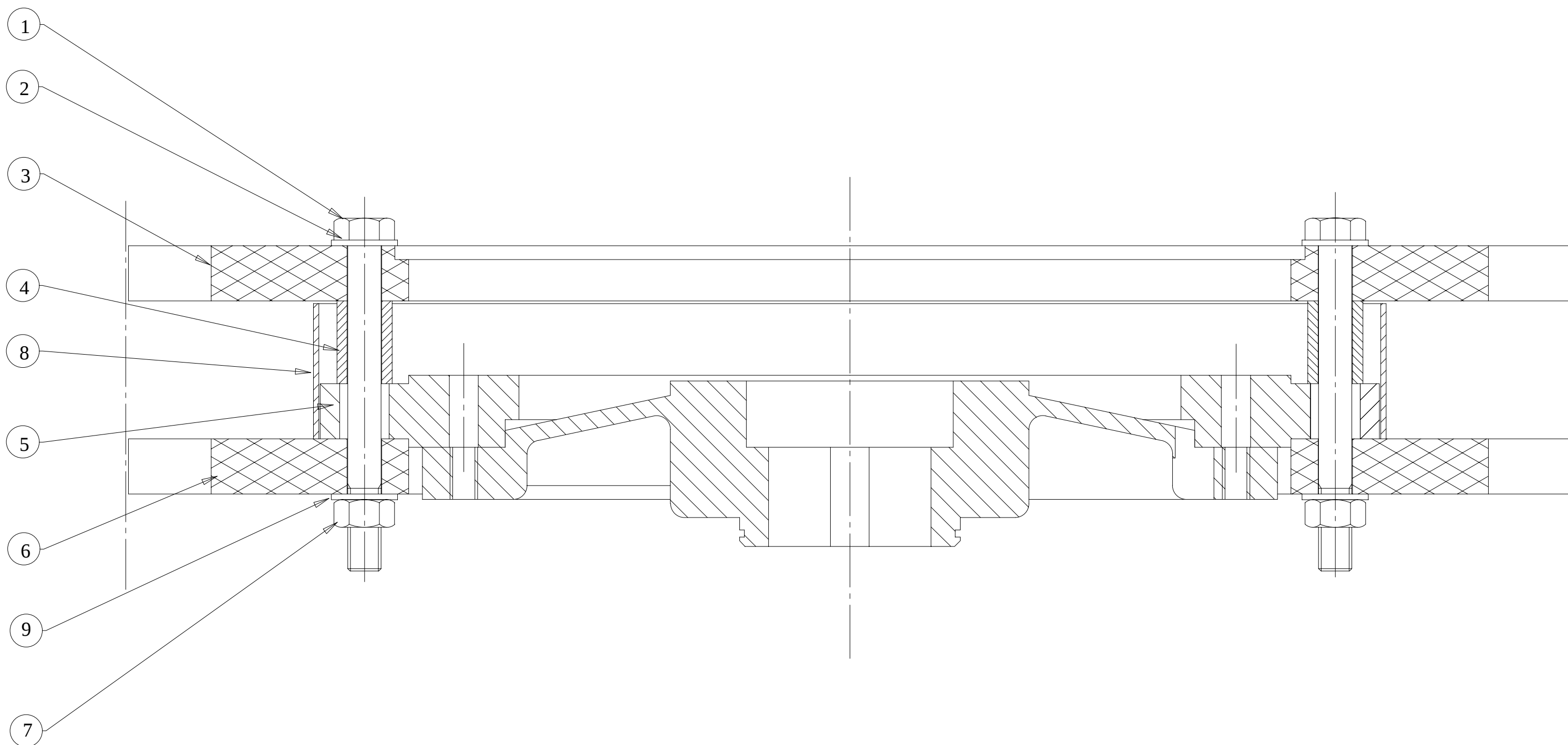




RAA415 * 463C * EUROSTAR

PART LIST
XR09PP023D**DESIGNATION**
STARWHEEL*DRAWING 172675*

<i>POS.</i>	<i>ITEM</i>	<i>DESIGNATION</i>	<i>Q.TY</i>	<i>S</i>	<i>R</i>	<i>K</i>
1	9090D012X215	ADJUSTMENT SCREW	6 N.			
2	HRU012	WASHER	6 N.			
3	444961	STARWHEEL	1 N.			
4	372633/048	SPACER	6 N.			
5	183972/003	HUB	1 N.			
6	444962	STARWHEEL	1 N.			
7	HRP012	NUT	6 N.			
8	292793/176	CYLINDER	1 N.			
9	HRU012	WASHER	6 N.			

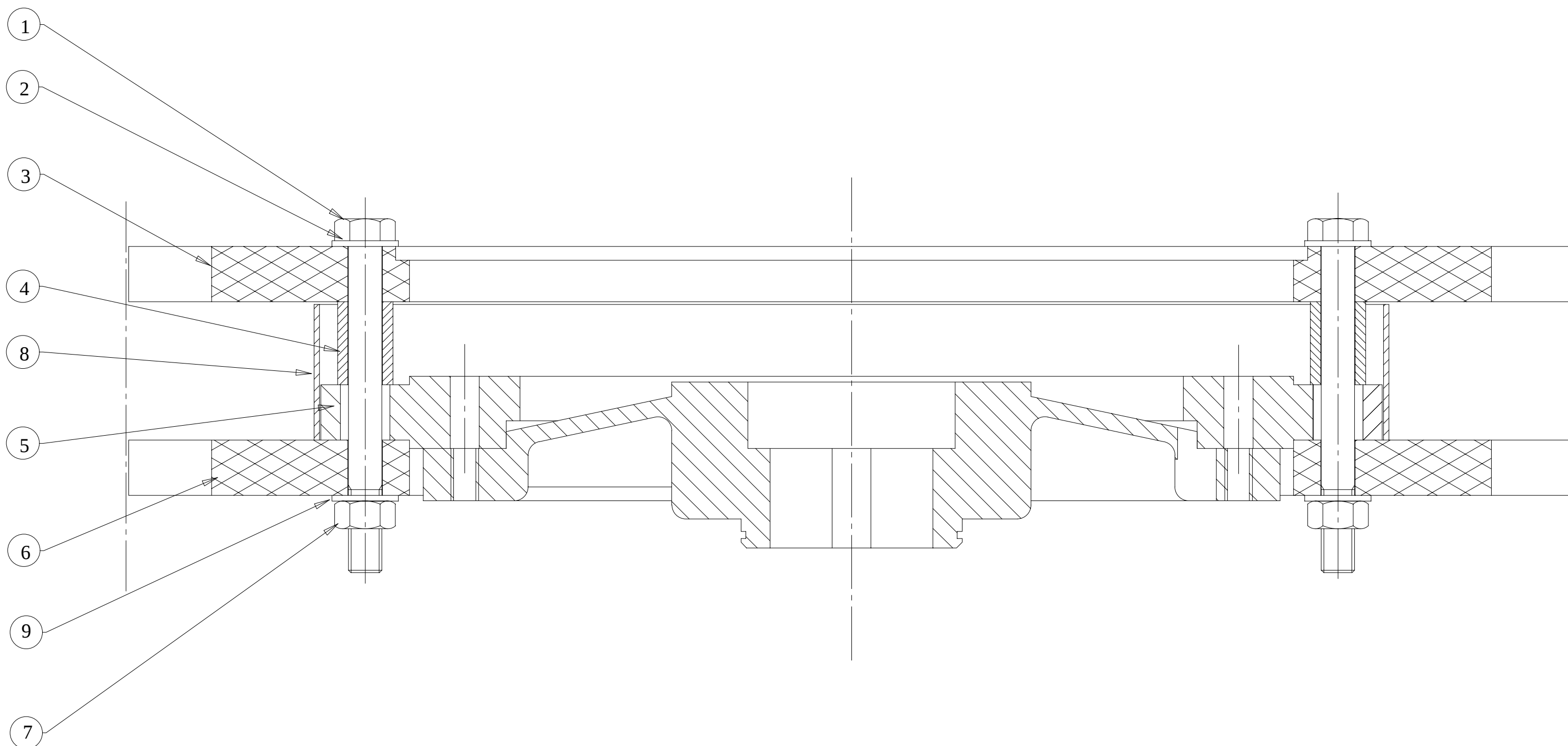




RAA415 * 463C * EUROSTAR

PART LIST
XR09PP023D**DESIGNATION**
STARWHEEL*DRAWING 172675*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	9090D012X215	ADJUSTMENT SCREW	6 N.			
2	HRU012	WASHER	6 N.			
3	444961	STARWHEEL	1 N.			
4	372633/048	SPACER	6 N.			
5	183972/003	HUB	1 N.			
6	444962	STARWHEEL	1 N.			
7	HRP012	NUT	6 N.			
8	292793/176	CYLINDER	1 N.			
9	HRU012	WASHER	6 N.			



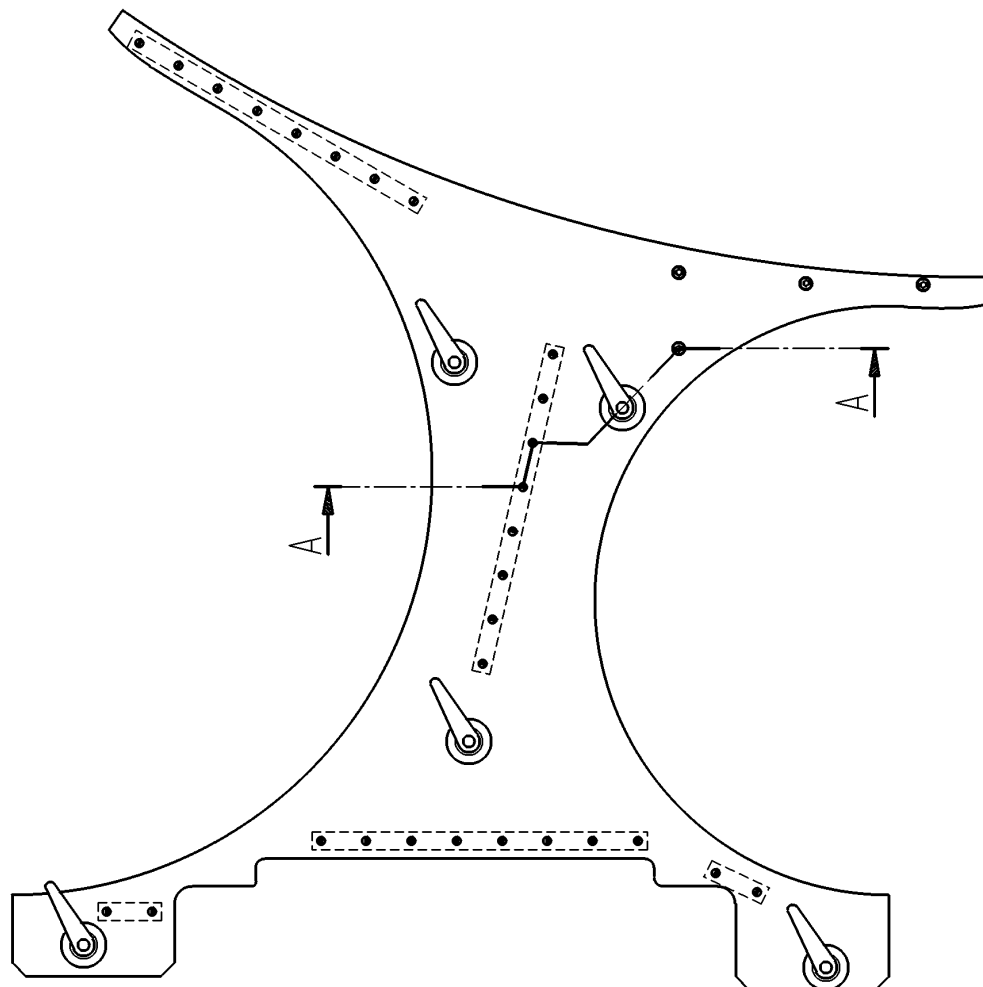
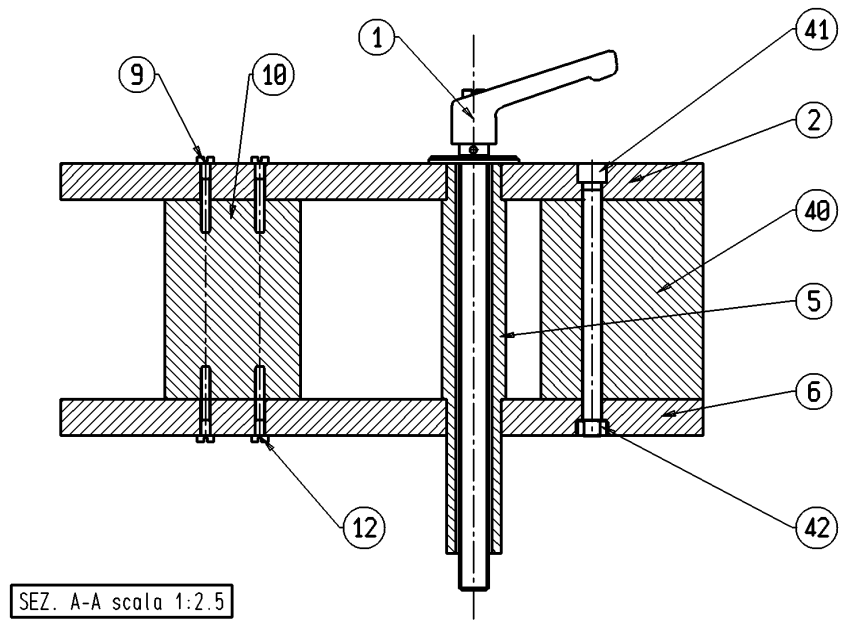


RAA415 * 463C * EUROSTAR

PART LIST
XR12PP023Y**DESIGNATION**
GUIDE

DRAWING 445839

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/027	HANDLE	4 N.	S		
2	80PR001G98	GUIDE	1 N.			
5	372641/040	SPACER	4 N.			
6	80PR001G89	GUIDE	1 N.			
9	HQZ680	SCREW	23 N.			
10	350056/359	SPACER	1 N.			
10	350056/095	SPACER	1 N.			
10	350056/094	SPACER	1 N.			
10	350056/090	SPACER	1 N.			
12	HQZ680	SCREW	23 N.			
40	80PR001H06	TAB	1 N.			
41	HME169	SCREW	5 N.			
42	HRP008	NUT	5 N.			



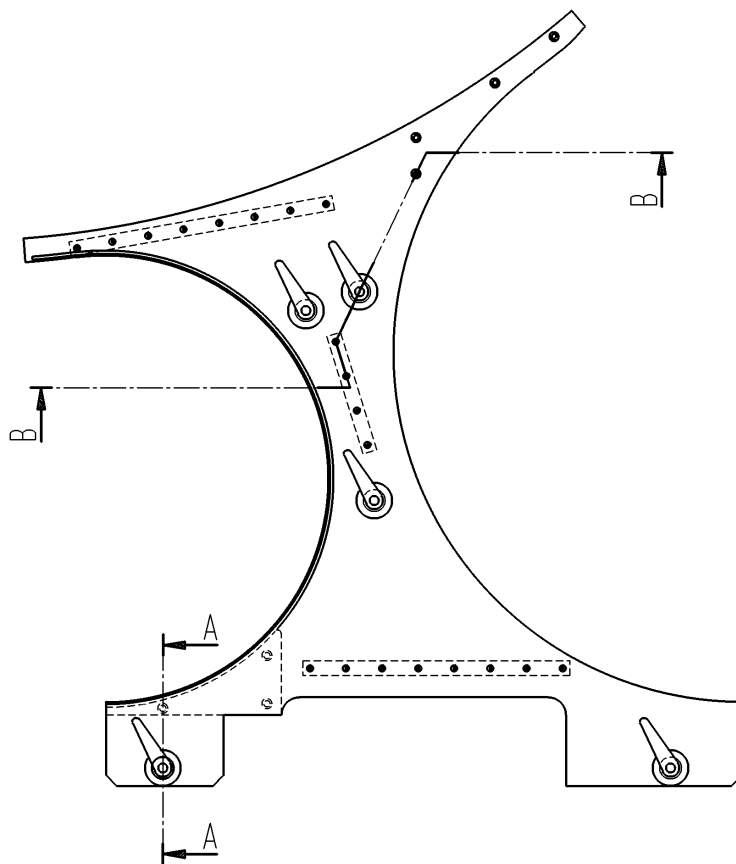
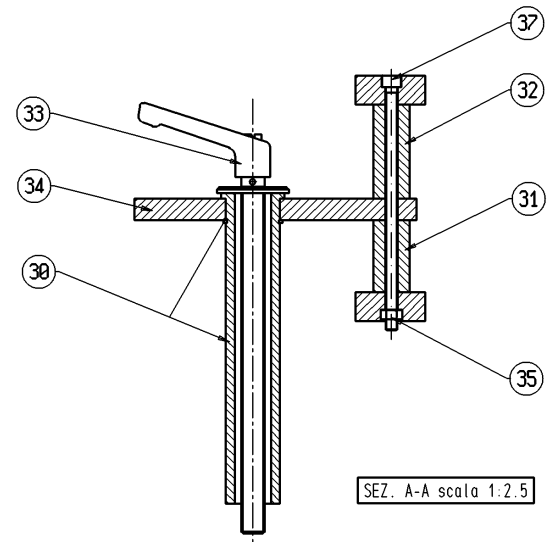
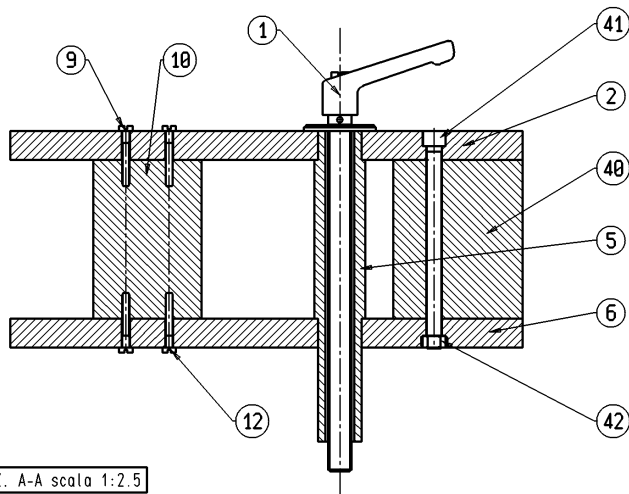


RAA415 * 463C * EUROSTAR

PART LIST
XR12PP023X**DESIGNATION**
GUIDE

DRAWING 446379

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/027	HANDLE	4 N.	S		
2	80PR001G73	GUIDE	1 N.			
5	372641/040	SPACER	4 N.			
6	80PR001G65	GUIDE	1 N.			
9	HQZ680	SCREW	24 N.			
10	350056/359	SPACER	1 N.			
10	350056/093	SPACER	1 N.			
10	350056/092	SPACER	1 N.			
10	350056/090	SPACER	1 N.			
12	HQZ680	SCREW	24 N.			
30	HZF030	EXTERNAL RETAINING RING	1 N.			
30	372637/020	STUD	1 N.			
31	372633/097	SPACER	3 N.			
32	372633/097	SPACER	3 N.			
33	372654/047	HANDLE	1 N.			
34	182629	PLATE	1 N.			
35	HRP008	NUT	3 N.			
37	HME169	SCREW	3 N.			
40	80PR001G81	TAB	1 N.			
41	HME169	SCREW	5 N.			
42	HRP008	NUT	5 N.			



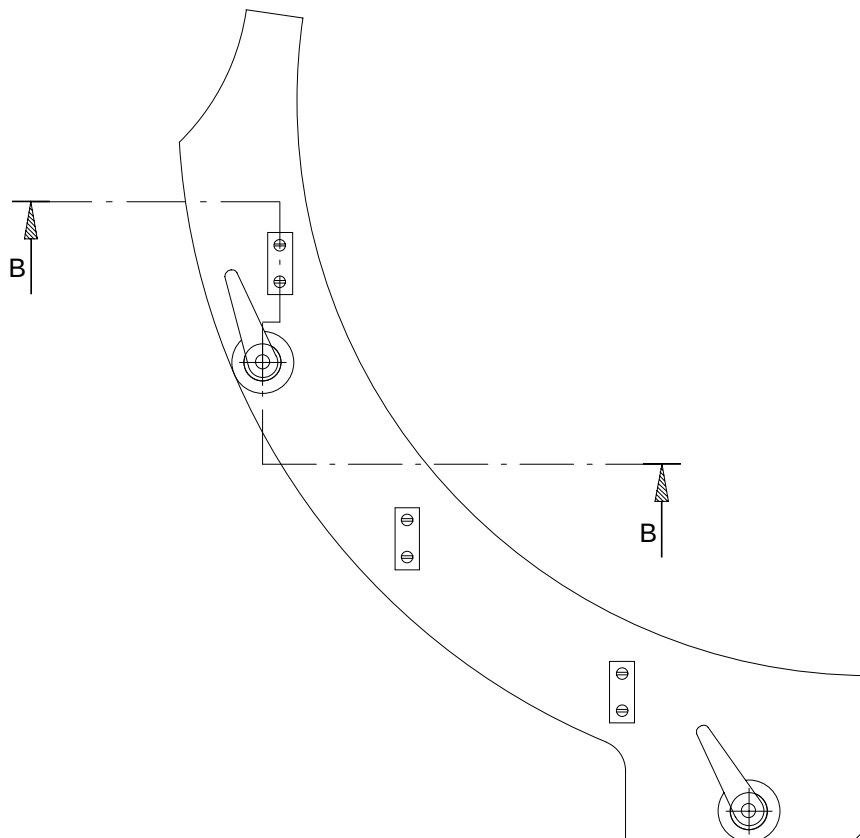
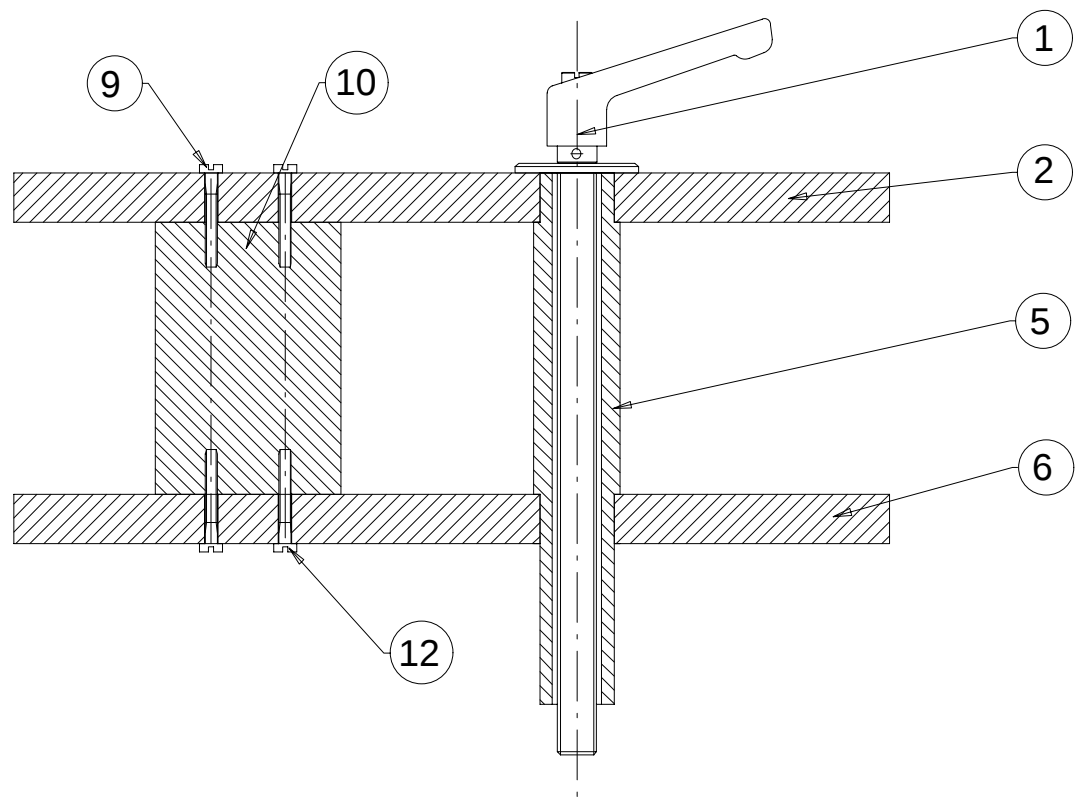


RAA415 * 463C * EUROSTAR

PART LIST
XR20PP006J**DESIGNATION**
GUIDE*DRAWING 382888*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/083	HANDLE	2 N.	S		
2	80PR001H14	GUIDE	1 N.			
5	372641/151	SPACER	2 N.			
6	80PR001H22	GUIDE	1 N.			
9	HQZ680	SCREW	14 N.			
10	350056/196	SPACER	3 N.			
10	350056/194	SPACER	1 N.			
12	HQZ680	SCREW	14 N.			

B-B

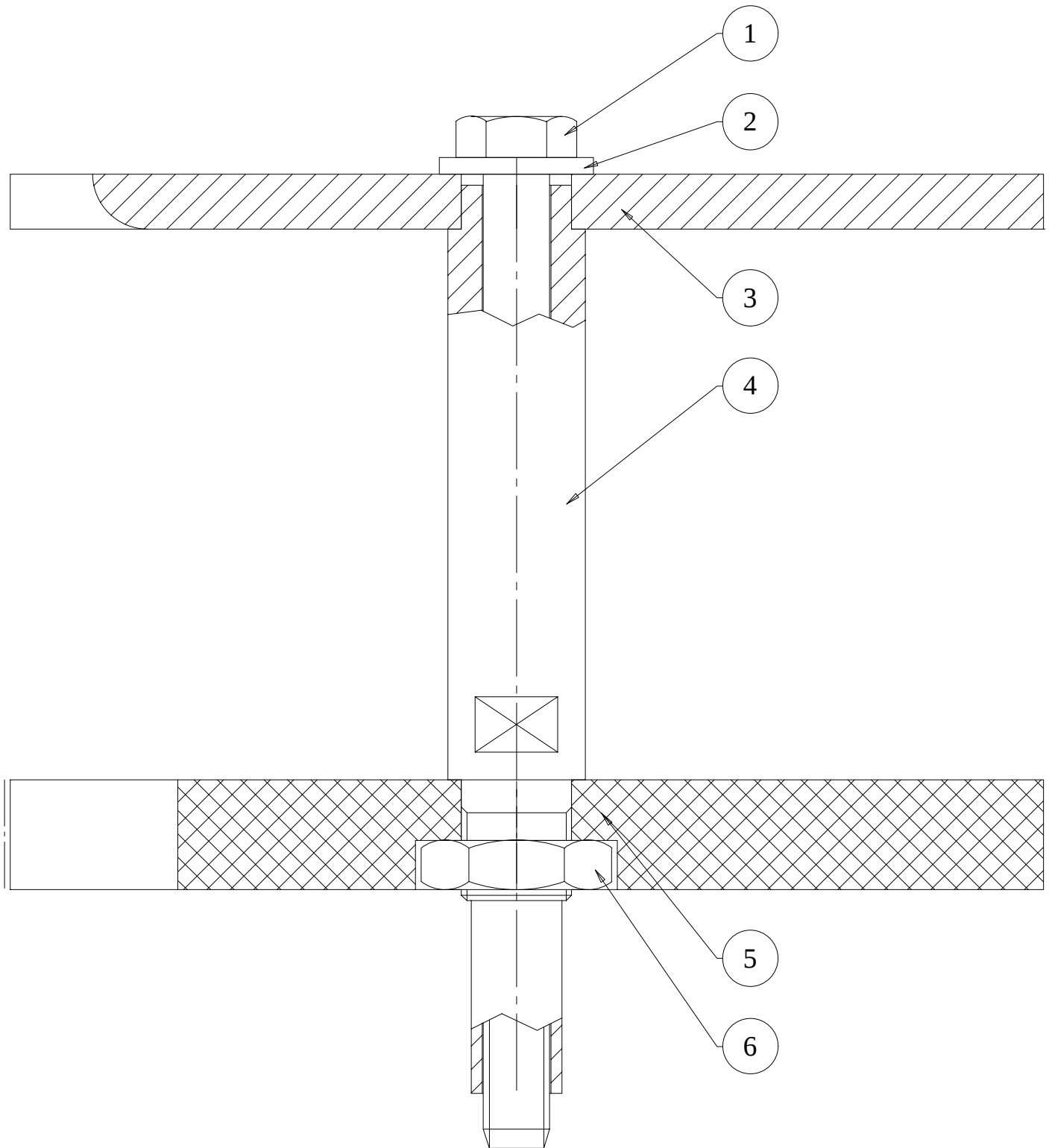




RAA415 * 463C * EUROSTAR

PART LIST
XR22PP013Y**DESIGNATION**
STARWHEEL*DRAWING 177044*

<i>POS.</i>	<i>ITEM</i>	<i>DESIGNATION</i>	<i>Q.TY</i>	<i>S</i>	<i>R</i>	<i>K</i>
1	9090D012X235	ADJUSTMENT SCREW	6 N.			
2	005103/098	WASHER	6 N.			
3	329811/022	STARWHEEL	1 N.			
4	372642/024	SPACER	6 N.			
5	329809/071	STARWHEEL	1 N.			
6	HRP220	NUT	6 N.			



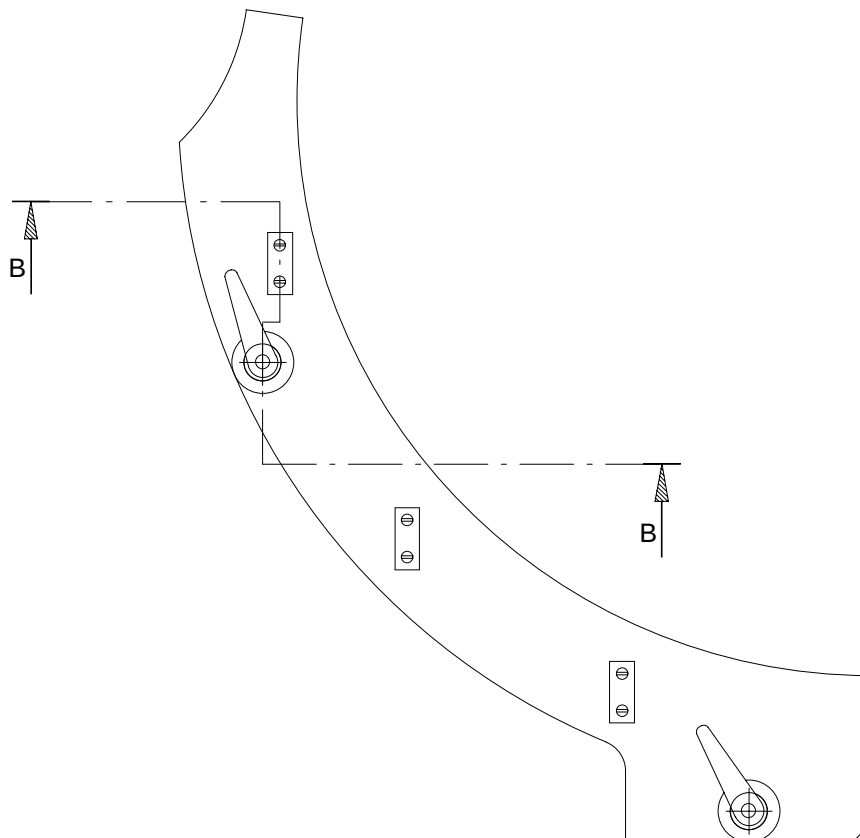
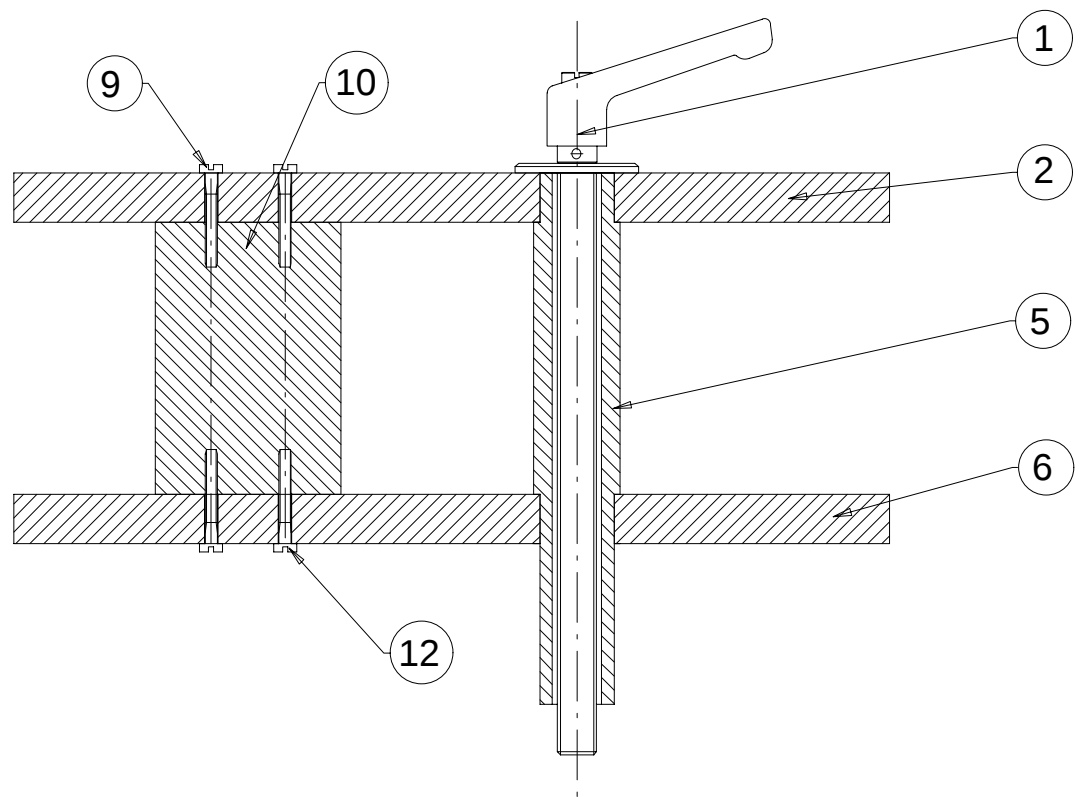


RAA415 * 463C * EUROSTAR

PART LIST
XR23PP012Q**DESIGNATION**
GUIDES*DRAWING 382888*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/083	HANDLE	2 N.	S		
2	80PR001H46	GUIDE	1 N.			
5	372641/151	SPACER	2 N.			
6	80PR001H54	GUIDE	1 N.			
9	HQZ680	SCREW	11 N.			
10	350056/197	SPACER	3 N.			
10	350056/194	SPACER	1 N.			
12	HQZ680	SCREW	11 N.			

B-B



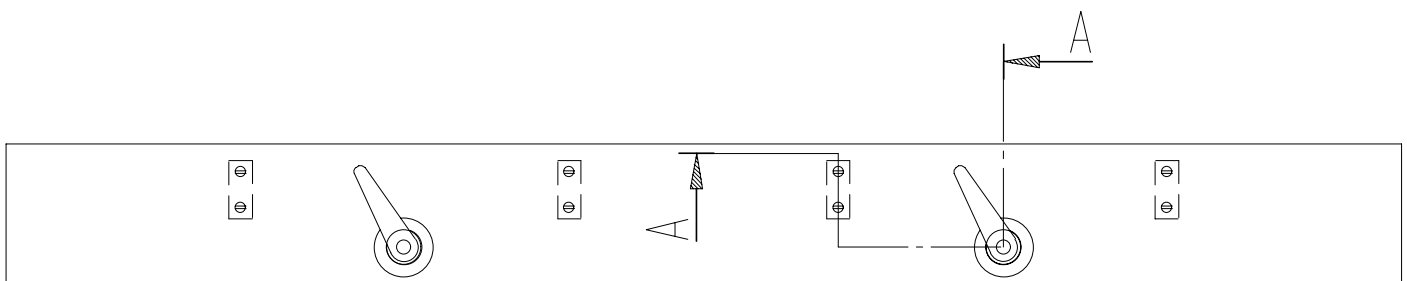
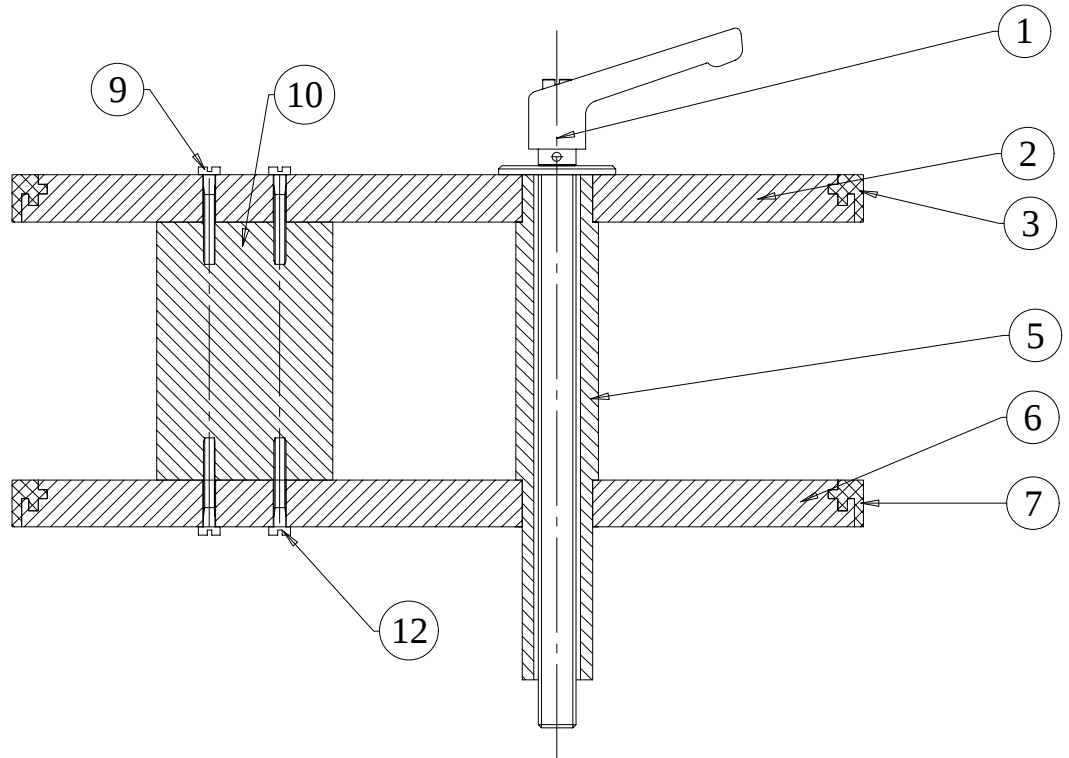


RAA415 * 463C * EUROSTAR

PART LIST
XR24PP008E**DESIGNATION**
GUIDES*DRAWING 182022*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/083	HANDLE	2 N.	S		
2	80PR001H62	GUIDE	1 N.			
5	372641/150	SPACER	2 N.			
6	80PR001H70	GUIDE	1 N.			
9	HQZ680	SCREW	6 N.			
10	350056/057	SPACER	3 N.			
12	HQZ680	SCREW	6 N.			

A-A



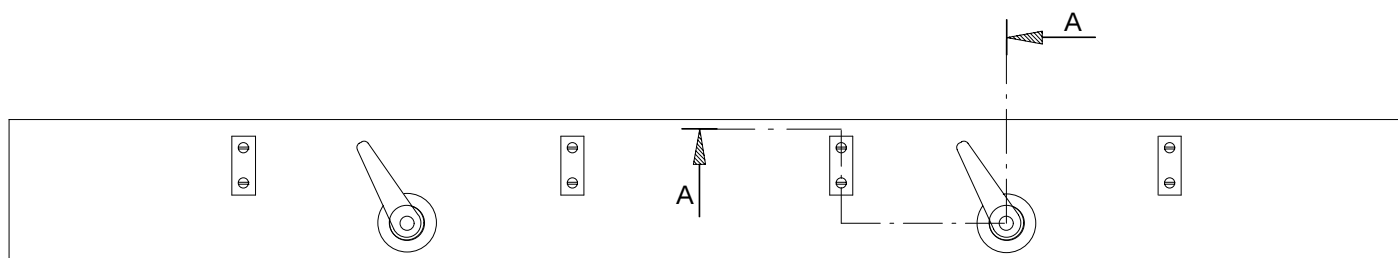
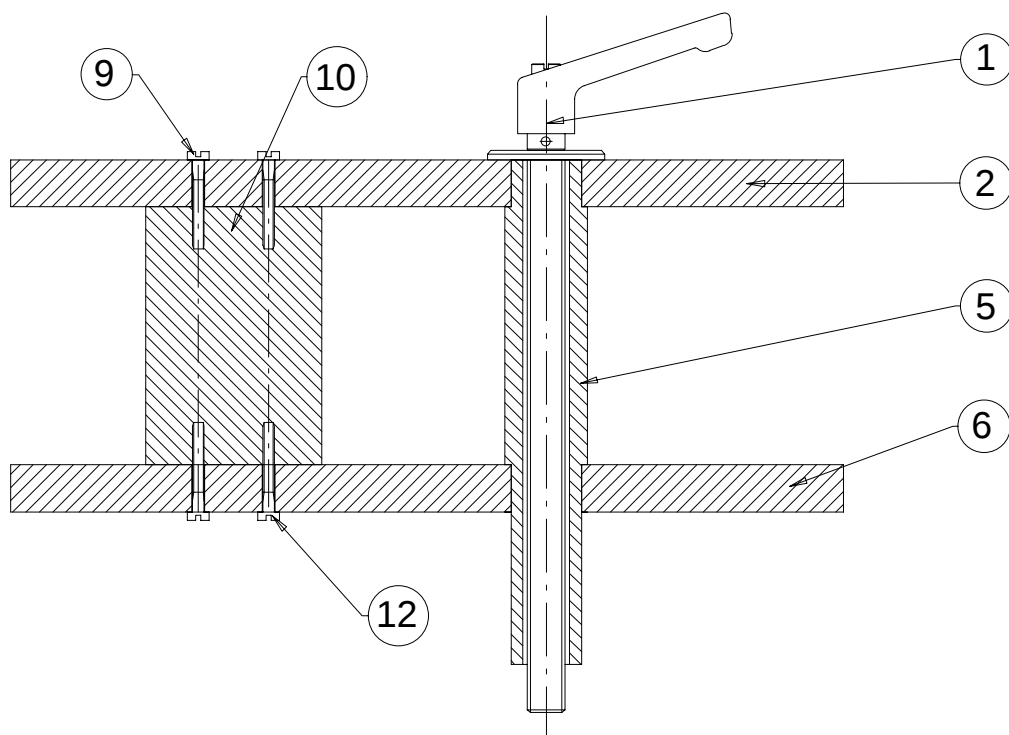


RAA415 * 463C * EUROSTAR

PART LIST
XR25PP006X**DESIGNATION**
GUIDES*DRAWING 382889*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/027	HANDLE	2 N.	S		
2	80PR001H78	GUIDE	1 N.			
5	372641/040	SPACER	2 N.			
6	80PR001H86	GUIDE	1 N.			
9	HQZ680	SCREW	15 N.			
10	350056/092	SPACER	2 N.			
10	350056/089	SPACER	1 N.			
12	HQZ680	SCREW	15 N.			

A-A



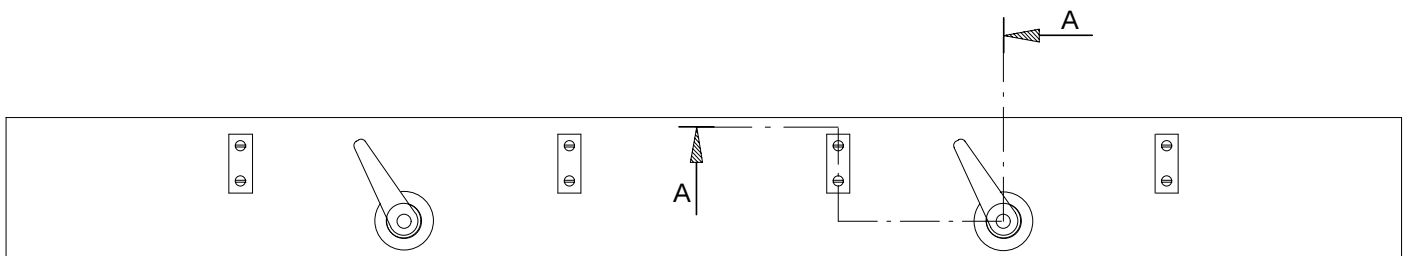
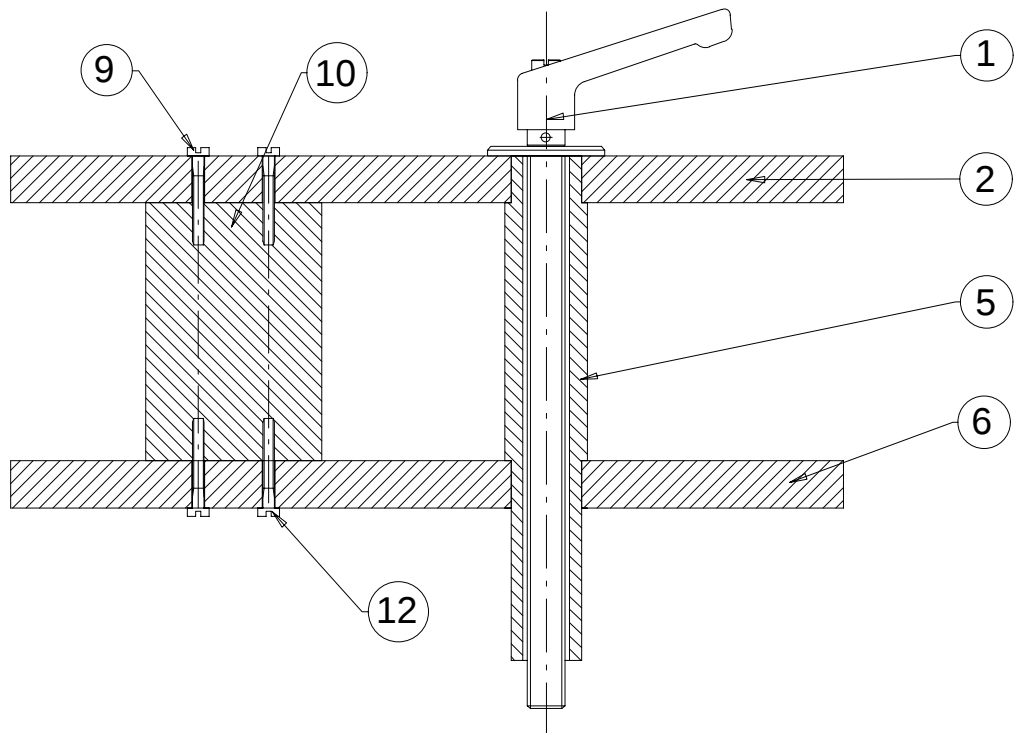


RAA415 * 463C * EUROSTAR

PART LIST
XR26PP038A**DESIGNATION**
INTERNAL OUTLET GUIDE*DRAWING 382889*

<i>POS.</i>	<i>ITEM</i>	<i>DESIGNATION</i>	<i>Q.TY</i>	<i>S</i>	<i>R</i>	<i>K</i>
1	372654/027	HANDLE	2 N.	S		
2	80PR001H94	GUIDE	1 N.			
5	372641/040	SPACER	2 N.			
6	80PR001I02	GUIDE	1 N.			
9	HQZ680	SCREW	4 N.			
10	350056/092	SPACER	2 N.			
12	HQZ680	SCREW	4 N.			

A-A



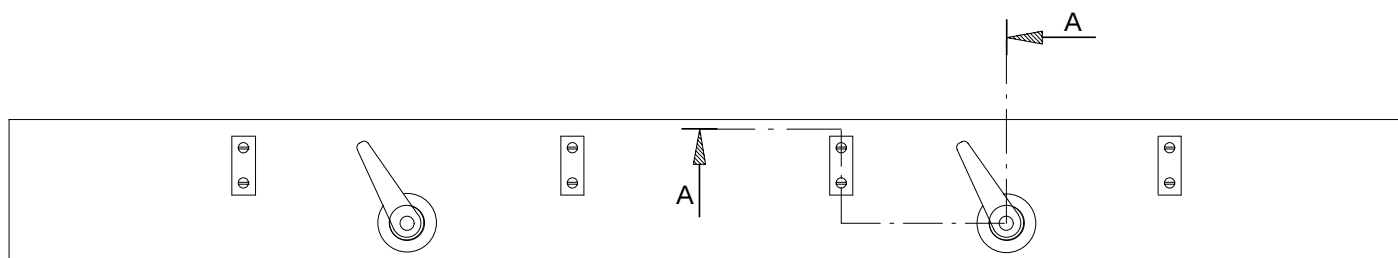
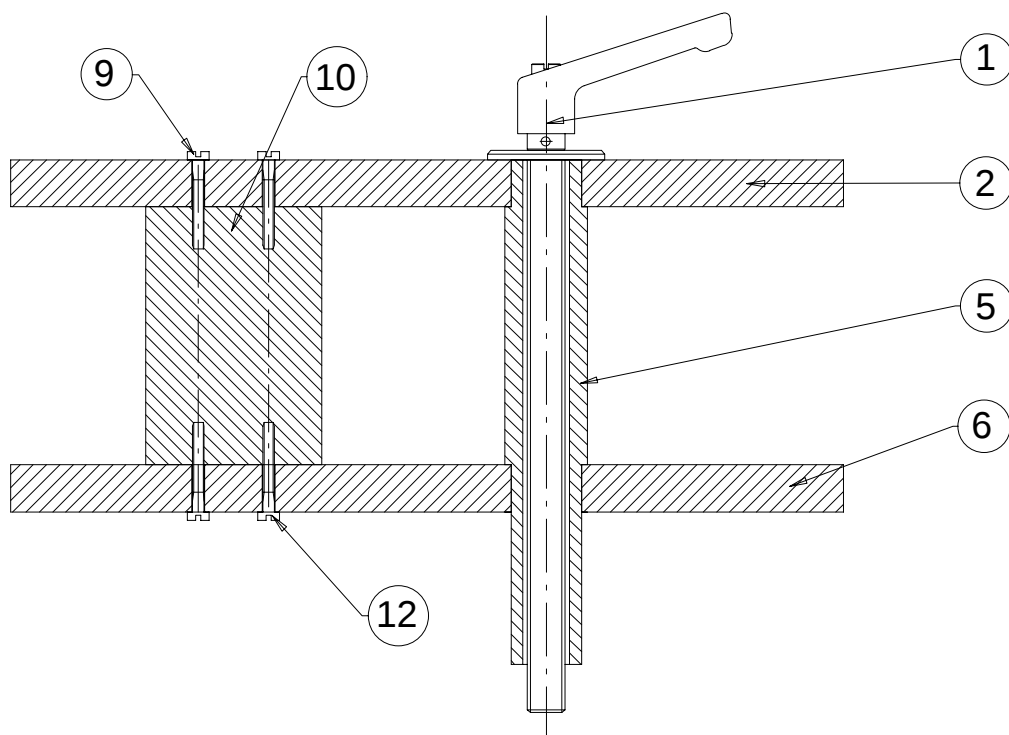


RAA415 * 463C * EUROSTAR

PART LIST
XR27PP024L**DESIGNATION**
EXTERNAL OUTLET GUIDE**DRAWING 382889**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/027	HANDLE	2 N.	S		
2	80PR001I10	GUIDE	1 N.			
5	372641/040	SPACER	2 N.			
6	80PR001I18	GUIDE	1 N.			
9	HQZ680	SCREW	10 N.			
10	350056/193	SPACER	1 N.			
10	350056/095	SPACER	1 N.			
10	350056/092	SPACER	1 N.			
12	HQZ680	SCREW	10 N.			

A-A

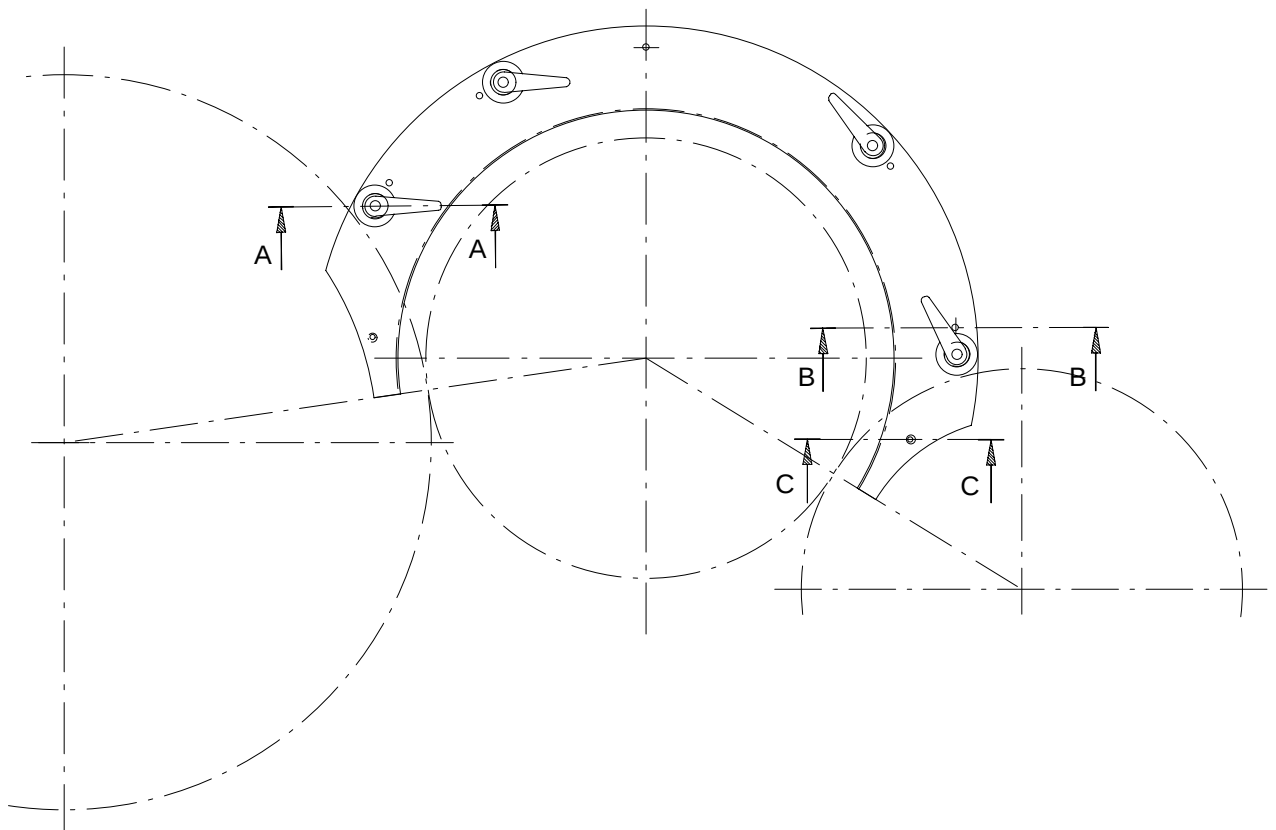
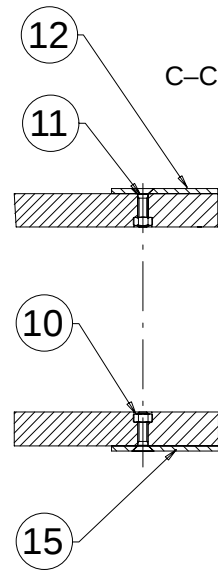
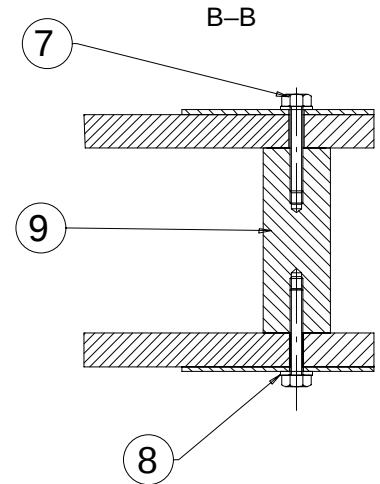
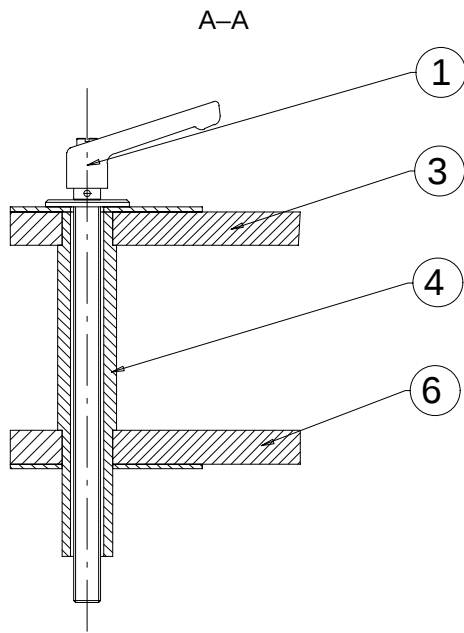




RAA415 * 463C * EUROSTAR

PART LIST
XR29PP019X**DESIGNATION**
GUIDE*DRAWING 382890*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/083	HANDLE	4 N.	S		
3	80PR001H30	GUIDE	1 N.			
4	372641/150	SPACER	4 N.			
6	80PR001H38	GUIDE	1 N.			
7	HLE030	SCREW	10 N.			
8	HRU108	SPRINGWASHER	10 N.			
9	372639/086	COLUMN	5 N.			
10	HRP006	NUT	4 N.			
11	HNR020	SCREW	4 N.			
12	189596	SHEET	1 N.			
15	189598	SHEET	1 N.			

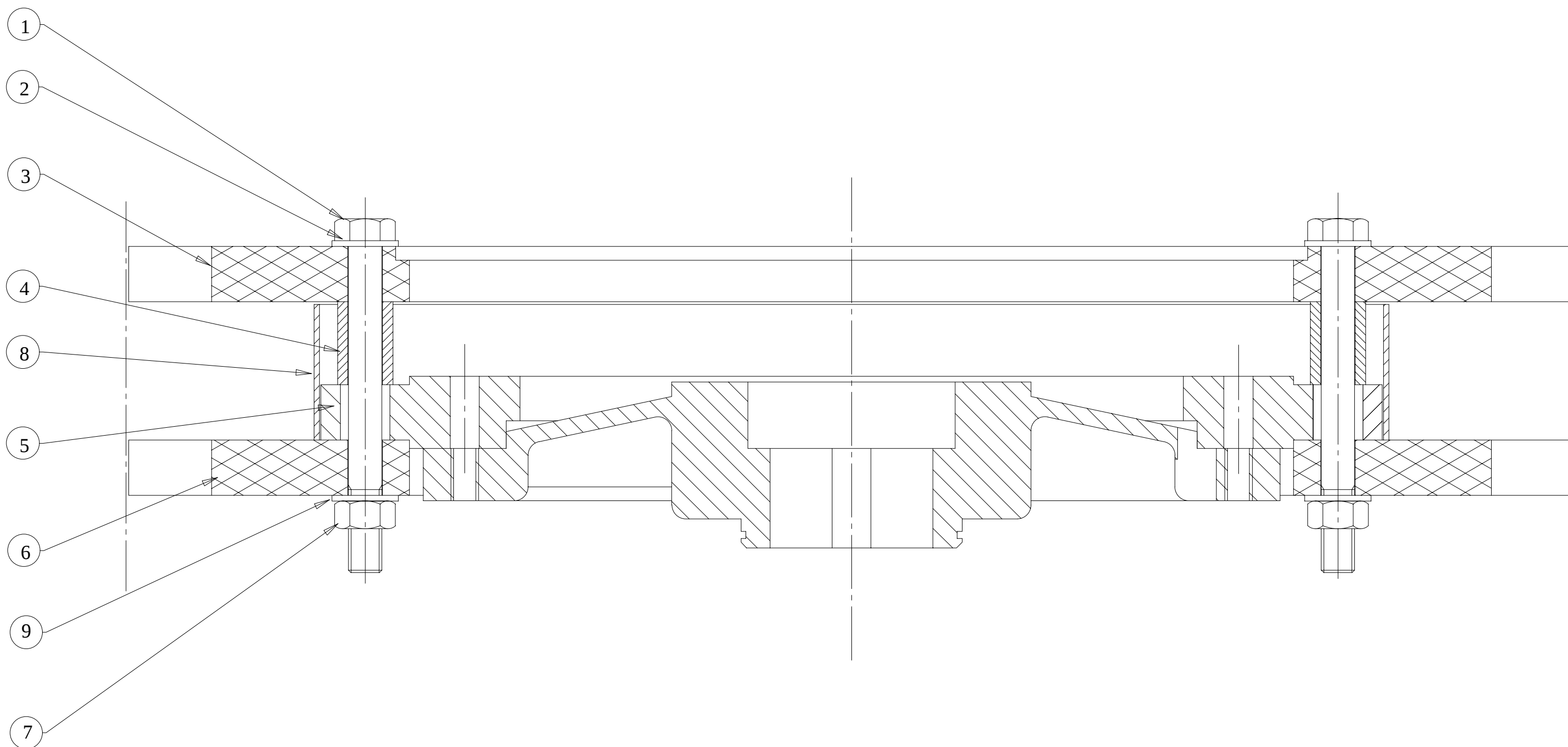




RAA415 * 463C * EUROSTAR

PART LIST
XR38PP026B**DESIGNATION**
STARWHEEL**DRAWING 172675**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	9090D012X215	ADJUSTMENT SCREW	5 N.			
2	HRU012	WASHER	5 N.			
3	444963	STARWHEEL	1 N.			
4	372633/048	SPACER	5 N.			
5	183972/001	HUB	1 N.			
6	444964	STARWHEEL	1 N.			
7	HRP012	NUT	5 N.			
8	292793/175	CYLINDER	1 N.			
9	HRU012	WASHER	5 N.			

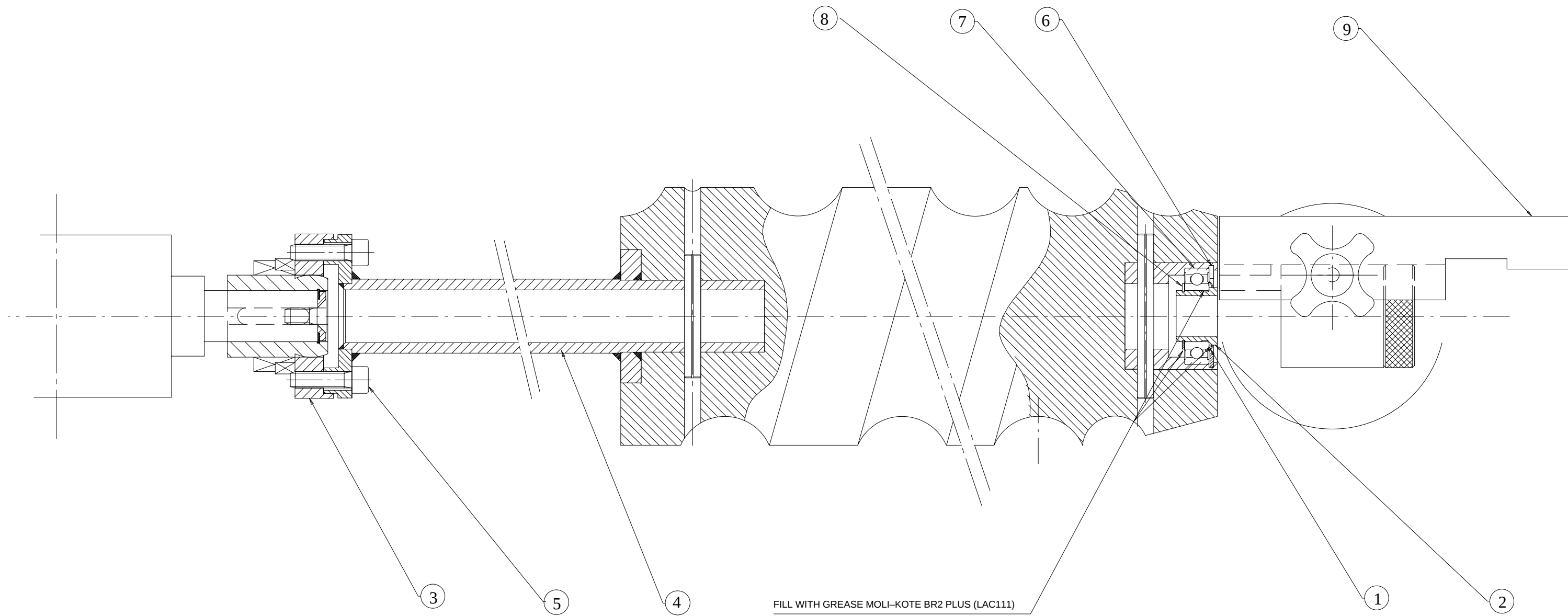




RAA415 * 463C * EUROSTAR

PART LIST
XR45PP003M**DESIGNATION**
WORMSCREW*DRAWING 247008*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	CHG450	RING	1 N.			
2	162213	FLANGE	1 N.			
3	162211	FLANGE	1 N.			
4	292866/329	WORMSCREW	1 N.			
5	HME126	SCREW	2 N.			
6	HZG047	INTERNAL RETAINING RING	1 N.			
7	CAA415	BEARING	1 N.		C	
8	HZC025	EXTERNAL RETAINING RING	1 N.			
9	330676/036	GUIDE	1 N.			



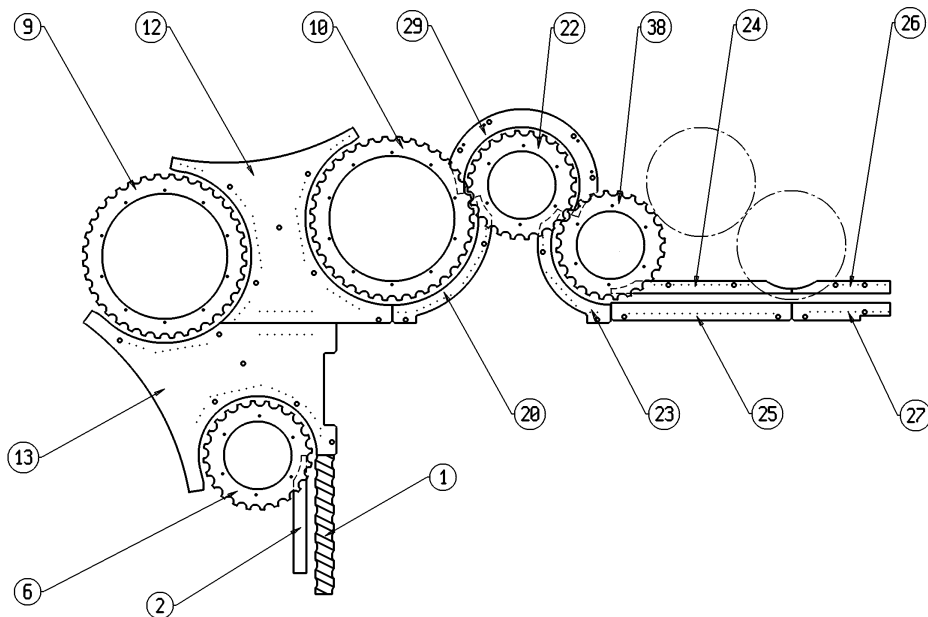


RAA415 * 463C * EUROSTAR

PART LIST
X000FRAA415**DESIGNATION**
HANDLING PARTS

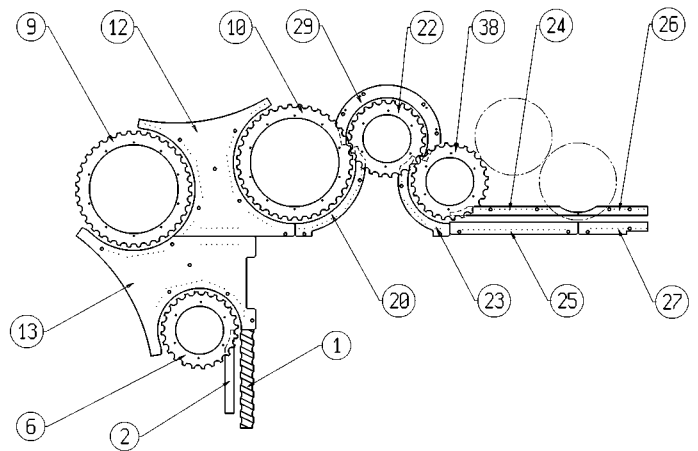
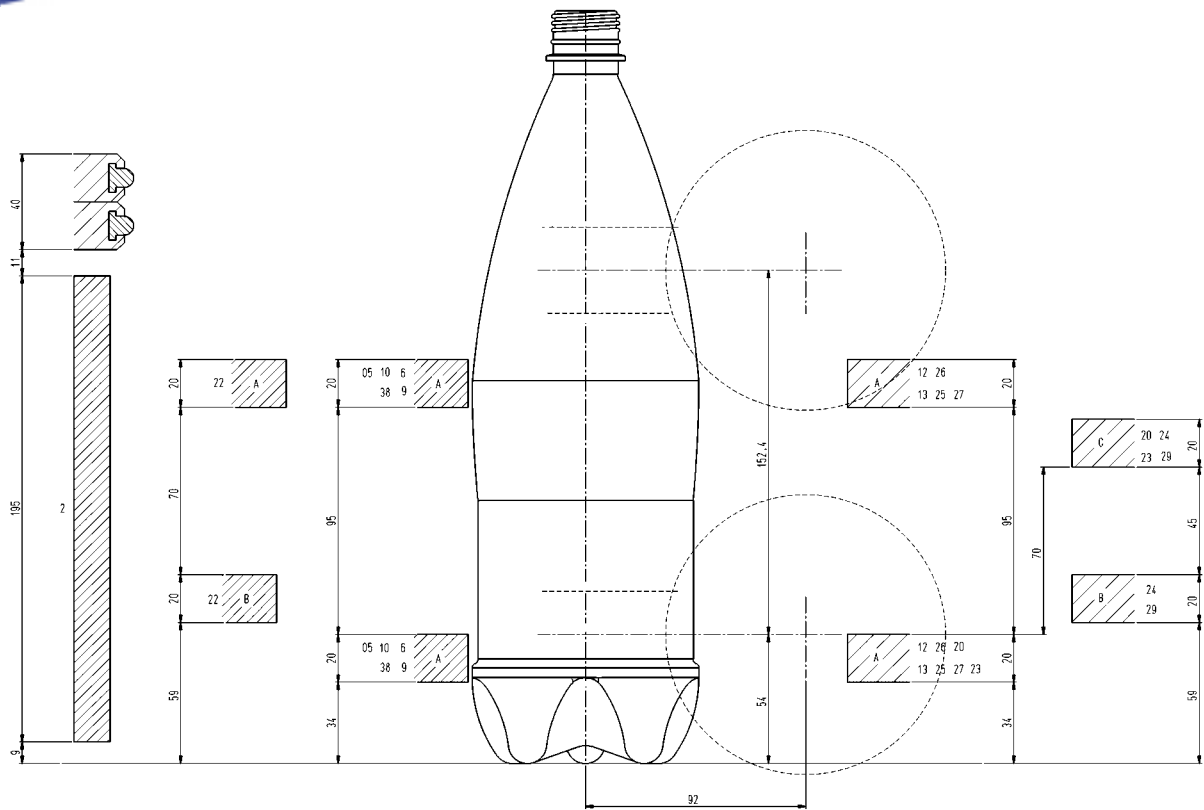
DRAWING 444428 444425 445577

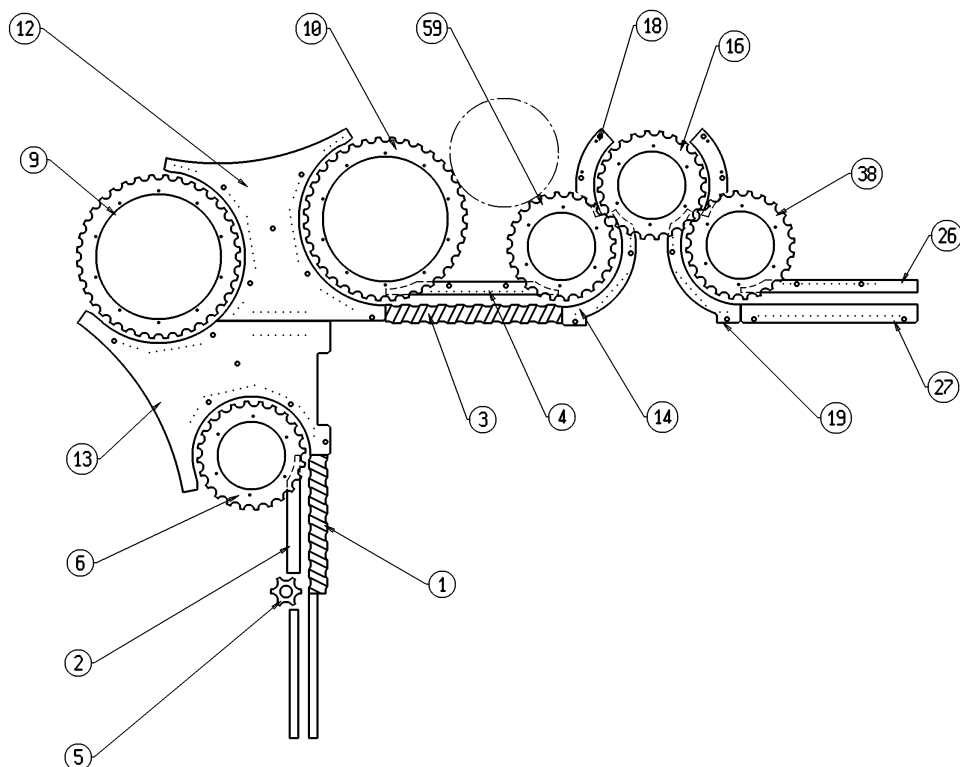
POS.	ITEM	DESIGNATION	Q.TY	S	R	K
6501	XR01PP036P	WORMSCREW	1 N.			
6505	XR05PP030A	BOTTLE STOP STARWHEEL	1 N.			
6506	XR06PP020I	STARWHEEL	1 N.			
6509	XR09PP023E	STARWHEEL	1 N.			
6510	XR09PP023E	STARWHEEL	1 N.			
6512	XR12PP023Z	GUIDE	1 N.			
6513	XR13PP005U	GUIDE	1 N.			
6520	XR20PP006K	GUIDE	1 N.			
6522	XR22PP013Z	STARWHEEL	1 N.			
6523	XR23PP012R	GUIDES	1 N.			
6524	XR24PP008F	GUIDES	1 N.			
6525	XR25PP006Y	GUIDES	1 N.			
6526	XR26PP038B	INTERNAL OUTLET GUIDE	1 N.			
6527	XR27PP024M	EXTERNAL OUTLET GUIDE	1 N.			
6529	XR29PP019Y	GUIDE	1 N.			
6538	XR38PP026C	STARWHEEL	1 N.			
6545	XR45PP003N	WORMSCREW	1 N.			



EQUIPO -EUROSTAR-RAA415-307C-								
BOTELLA N°	6982	6983	6984	7105	7106	6981	7463	7464
FIGURA N°	444423	444424	444425	444426	444427	444422	444467	444468
DISEGNO N°								
1. COCLEA ENTRADA	D	E	F	G	G	L	L	L
1. COCLEA INGRESSO	D	D	D	G	G	L	L	L
2. CONTRAGUIDA COCLEA								
2. CONTROGUIDA COCLEA								
3. COCLEA DE TRASLACION								
3. COCLEA TRASFERIMENTO								
4. CONTRAGUIDA COCLEA DE TRASL.								
4. CONTROGUIDA COCLEA TRASF.								
5. ESTRELLA PARADA BOTELLAS	D	E	F	G	G	L	L	L
5. STELLA ARRESTO BOTTIGLIE	D	E	F	G	G	L	L	L
6. ESTRELLA ENTRADA ENJUAGADORA	D	E	F	G	G	L	M	N
6. STELLA INGRESSO SCIAQU.								
7. ESTRELLA SALIDA ENJUAGADORA								
7. STELLA USCITA SCIAQU.								
8. ESTRELLA DE TRASLACION								
8. STELLA DI TRASFERIMENTO								
9. ESTRELLA ENTRADA LLENADORA	D	E	F	G	G	L	L	N
9. STELLA INGRESSO RIEMPITRICE	D	E	F	G	G	L	L	N
10. ESTRELLA SALIDA LLENADORA	D	E	F	G	G	L	L	N
10. STELLA USCITA RIEMPITRICE								
11. ESTRELLA BY-PASS								
11. STELLA BY-PASS								
12. GUIDA CENTRAL LLENADORA	D	E	F	G	G	L	L	L
12. GUIDA CENTRALE RIEMPITRICE	D	E	F	G	G	L	L	L
13. GUIDA CENTRAL ENJUAGADORA	D	E	F	G	G	L	M	N
13. GUIDA CENTRALE SCIAQUATR.								
14. GUIDA ENTRADA TAPADORA								
14. GUIDA INGRESSO TAPPATORE								
15. GUIDA CENTRAL TAPADORA								
15. GUIDA CENTRALE TAPPATORE								
16. ESTRELLA TAPADORA								
16. STELLA TAPPATORE								
17. GUIDA EXTERNA TAPADORA CON CORREA								
17. GUIDA EXTERNA TAPP. CON CINGHIOLLO								
18. GUIDA EXTERNA TAPADORA								
18. GUIDA EXTERNA TAPPATORE								
19. GUIDA SALIDA TAPADORA								
19. GUIDA USCITA TAPPATORE								
20. GUIDA ENTRADA CAPSULADORA	D	E	F	G	H	L	M	N
20. GUIDA INGRESSO CAPSULATRICE								
21. GUIDA CENTRAL CAPSULADORA								
21. GUIDA CENTRALE CAPSULATRICE								
22. ESTRELLA CAPSULADORA	D	E	F	G	H	L	M	N
22. STELLA CAPSULATRICE	D	E	F	G	H	L	M	N
23. GUIDA SALIDA CAPSULADORA	D	E	F	G	H	L	M	N
23. GUIDA USCITA CAPSULATRICE								
24. GUIDA SALIDA INT. INTERMEDIA	D	E	F	G	H	L	M	N
24. GUIDA USCITA INT. INTERMEDIA	D	E	F	G	G	L	M	N
25. GUIDA SALIDA EXT. INTERMEDIA	D	E	F	G	G	L	M	N
25. GUIDA USCITA EXT. INTERMEDIA	D	E	F	G	G	L	M	N
26. GUIDA SALIDA INTERNA	D	E	F	G	G	L	M	N
26. GUIDA USCITA INTERNA	D	E	F	G	G	L	M	N
27. GUIDA SALIDA EXTERNA	D	E	F	G	G	L	M	N
27. GUIDA USCITA EXTERNA								
28. GUIDA CIRCULAR SALIDA								
28. GUIDA USCITA CIRCOLARE								
29. GUIDA EXTERNA CAPSULADORA	D	E	F	G	H	L	M	N
29. GUIDA EXTERNA CAPSULATRICE								
30. GUIDA BY-PASS ENJUAGADORA								
30. GUIDA BY-PASS SCIAQUATRICE								
31. ESTRELLA ENTRADA COCLEA 1								
31. STELLA INGR. 1A COCLEA								
32. ESTRELLA ENTRADA COCLEA 2								
32. STELLA INGR. 2A COCLEA								

EQUIPO -EUROSTAR-RAA415-307C-								
BOTELLA N°	6982	6983	6984	7105	7106	6981	7463	7464
FIGURA N°	444423	444424	444425	444426	444427	444422	444467	444468
DISEGNO N°								
33. GUIDA ENTRADA LLENADORA								
33. GUIDA INGRESSO RIEMPITRICE								
34. GUIDA SALIDA LLENADORA								
34. GUIDA USCITA RIEMPITRICE								
35. GUIDA ESTRELLA DE TRASLACION								
35. GUIDA STELLA DI TRASFERIMENTO								
36. GUIDA ENTRADA COCLEA 1								
36. GUIDA INGR. 1A COCLEA								
37. GUIDA ENTRADA COCLEA 2								
37. GUIDA INGR. 2A COCLEA								
38. ESTRELLA SALIDA 1.ER TAPONADOR	D	E	F	G	G	L	M	N
38. STELLA USCITA 1°TAPPATORE								
39. GUIDA ENTRADA SINFIN								
39. GUIDA INGRESSO COCLEA								
40. GUIDAS FIJAS								
40. GUIDE FISSE								
41. GUIDA DE TRASLACION 1								
41. GUIDA TRASFERIMENTO 1								
42. GUIDA DE TRASLACION 2								
42. GUIDA TRASFERIMENTO 2								
43. GUIDA DE TRASLACION 3								
43. GUIDA TRASFERIMENTO 3								
44. LENGÜEZ SUPERIOR CONTRAGUIDA								
44. LINGUETTA SUP. CONTROGUIDA								
45. COCLEA SUPERIOR	D	E	F	G	G			
45. COCLEA INGRESSO SUP.								
46. SOPORTE BOTELLA								
46. STAFFA BOTTIGLIA								
47. GUIDA SALIDA 2 INTERNA								
47. GUIDA 2A USCITA INTERNO								
48. GUIDA SALIDA 2 EXTERNA								
48. GUIDA 2A USCITA ESTERNO								
54. GUIDA SALIDA ENJUAGADORA								
54. GUIDA USCITA SCIAQUATRICE								
55. GUIDA ENTRADA ENJUAGADORA								
55. GUIDA INGRESSO SCIAQUATR.								
59. ESTRELLA ENTRADA 2.0 TAPONADOR								
59. STELLA INGRESSO 2°TAPPATORE								
62. ESTRELLA SALIDA 2.0 TAPONADOR								
62. STELLA USCITA 2°TAPPATORE								
63. GUIDA SOFTSTOP								
63. GUIDE SOFTSTOP								
64. GUIDA ENTRADA BY-PASS								
64. GUIDA INGRESSO BY-PASS								
70. GUIDA BY-PASS								
70. GUIDA BY-PASS								
71. GUIDA ENTRADA EXTERNA								
71. GUIDA INGRESSO EXTERNA								
72. GUIDA ENTRADA INTERNA								
72. GUIDA INGRESSO INTERNO								
73. GUIDA ENTRADA EXTERNA								
73. GUIDA INGRESSO ESTERNO								
74. GUIDA ENTRADA INTERNA								
74. GUIDA INGRESSO INTERNA								
75. ESTRELLA NEUTRA ENTRADA								
75. STELLA FOLLE INGRESSO								





EQUIPO -EUROSTAR-RAA415-307C-									
BOTELLA N°	7459								
FIGURA N°	444203								
DISEGNO N°									
1. COCLEA ENTRADA	Q								
1. COCLEA INGRESSO	Q								
2. CONTRAGUIDA COCLEA	Q								
2. CONTRAGUIDA COCLEA	Q								
3. COCLEA DE TRASLACION	Q								
3. COCLEA TRASFERIMENTO	Q								
4. CONTRAGUIDA COCLEA DE TRASL.	Q								
4. CONTRAGUIDA COCLEA TRASF.	Q								
5. ESTRELLA PARADA BOTELLAS	Q								
5. STELLA ARRESTO BOTTIGLIE	Q								
6. ESTRELLA ENTRADA ENJUAGADORA	Q								
6. STELLA INGRESSO SCIACQU.	Q								
7. ESTRELLA SALIDA ENJUAGADORA									
7. STELLA USCITA SCIACQ.									
8. ESTRELLA DE TRASLACION									
8. STELLA DI TRASFERIMENTO									
9. ESTRELLA ENTRADA LLENADORA	Q								
9. STELLA INGRESSO RIEMPITRICE	Q								
10. ESTRELLA SALIDA LLENADORA	Q								
10. STELLA USCITA RIEMPITRICE	Q								
11. ESTRELLA BY-PASS									
11. STELLA BY-PASS									
12. GUIDA CENTRAL LLENADORA	Q								
12. GUIDA CENTRALE RIEMPITRICE	Q								
13. GUIDA CENTRAL ENJUAGADORA	Q								
13. GUIDA CENTRALE SCIACQUATR.	Q								
14. GUIDA ENTRADA TAPADORA	Q								
14. GUIDA INGRESSO TAPPATORE	Q								
15. GUIDA CENTRAL TAPADORA									
15. GUIDA CENTRALE TAPPATORE									
16. ESTRELLA TAPADORA	Q								
16. STELLA TAPPATORE	Q								
17. GUIDA EXTERNA TAPADORA CON CORREA									
17. GUIDA EXTERNA TAPP. CON CINGHIOLLO									
18. GUIDA EXTERNA TAPADORA	Q								
18. GUIDA EXTERNA TAPPATORE	Q								
19. GUIDA SALIDA TAPADORA	Q								
19. GUIDA USCITA TAPPATORE	Q								
20. GUIDA ENTRADA CAPSULADORA									
20. GUIDA INGRESSO CAPSULATRICE									
21. GUIDA CENTRAL CAPSULADORA									
21. GUIDA CENTRALE CAPSULATRICE									
22. ESTRELLA CAPSULADORA									
22. STELLA CAPSULATRICE									
23. GUIDA SALIDA CAPSULADORA									
23. GUIDA USCITA CAPSULATRICE									
24. GUIDA SALIDA INT.INTERMADIA									
24. GUIDA USCITA INT.INTERMEDIA									
25. GUIDA SALIDA EXT.INTERMADIA									
25. GUIDA USCITA EXT.INTERMEDIA									
26. GUIDA SALIDA INTERNA	Q								
26. GUIDA USCITA INTERNA	Q								
27. GUIDA SALIDA EXTERNA	Q								
27. GUIDA USCITA EXTERNA	Q								
28. GUIDA CIRCULAR SALIDA									
28. GUIDA USCITA CIRCOLARE									
29. GUIDA EXTERNA CAPSULADORA									
29. GUIDA EXTERNA CAPSULATRICE									
30. GUIDA BY-PASS ENJUAGADORA									
30. GUIDA BY-PASS SCIACQUATRICE									
31. ESTRELLA ENTRADA COCLEA 1									
31. STELLA INGR. 1A COCLEA									
32. ESTRELLA ENTRADA COCLEA 2									
32. STELLA INGR. 2A COCLEA									

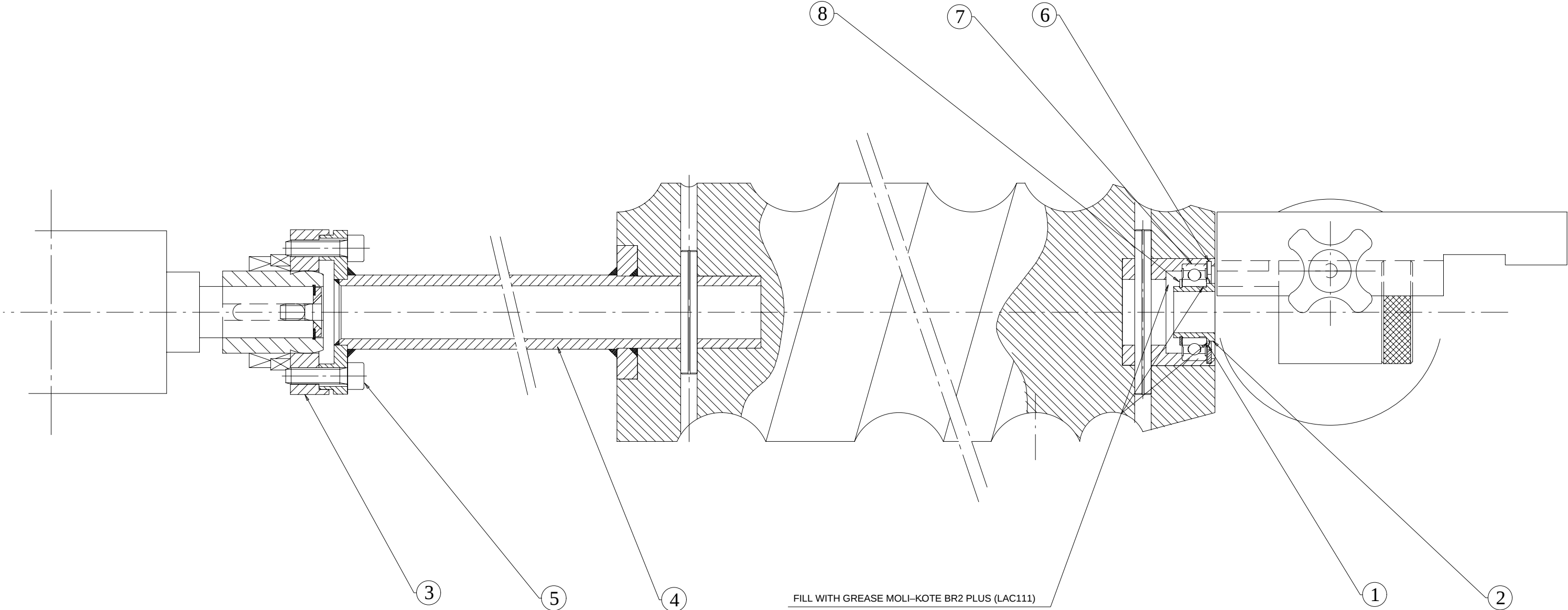
EQUIPO -EUROSTAR-RAA415-307C-									
BOTELLA N°	7459								
FIGURA N°	444203								
DISEGNO N°									
33. GUIDA ENTRADA LLENADORA									
33. GUIDA INGRESSO RIEMPITRICE									
34. GUIDA SALIDA LLENADORA									
34. GUIDA USCITA RIEMPITRICE									
35. GUIDA ESTRELLA DE TRASLACION									
35. GUIDA STELLA DI TRASFERIMENTO									
36. GUIDA ENTRADA COCLEA 1									
36. GUIDA INGR. 1A COCLEA									
37. GUIDA ENTRADA COCLEA 2									
37. GUIDA INGR. 2A COCLEA									
38. ESTRELLA SALIDA 1.ER TAPONADOR	Q								
38. STELLA USCITA 1.TAPPATORE	Q								
39. GUIDA ENTRADA SINFIN									
39. GUIDA INGRESSO COCLEA									
40. GUIDAS FIJAS									
40. GUIDE FISSE									
41. GUIDA DE TRASLACION 1									
41. GUIDA TRASFERIMENTO 1									
42. GUIDA DE TRASLACION 2									
42. GUIDA TRASFERIMENTO 2									
43. GUIDA DE TRASLACION 3									
43. GUIDA TRASFERIMENTO 3									
44. LENGUEZ.SUPERIOR CONTRAGUIDA									
44. LINGUETTA SUP.CONTRAGUIDA									
45. COCLEA SUPERIOR									
45. COCLEA INGRESSO SUP.									
46. SOPORTE BOTELLA									
46. STAFFA BOTTIGLIA									
47. GUIDA SALIDA 2 INTERNA									
47. GUIDA 2A USCITA INTERNO									
48. GUIDA SALIDA 2 EXTERNA									
48. GUIDA 2A USCITA ESTERNO									
54. GUIDA SALIDA ENJUAGADORA									
54. GUIDA USCITA SCIACQUATRICE									
55. GUIDA ENTRADA ENJUAGADORA									
55. GUIDA INGRESSO SCIACQUATR.									
59. ESTRELLA ENTRADA 2.0 TAPONADOR	Q								
59. STELLA INGRESSO 2.TAPPATORE	Q								
62. ESTRELLA SALIDA 2.0 TAPONADOR									
62. STELLA USCITA 2.TAPPATORE									
63. GUIDA SOFTSTOP									
63. GUIDE SOFTSTOP									
64. GUIDA ENTRADA BY-PASS									
64. GUIDA INGRESSO BY-PASS									
70. GUIDA BY-PASS									
70. GUIDA BY-PASS									
71. GUIDA ENTRADA EXTERNA									
71. GUIDA INGRESSO EXTERNA									
72. GUIDA ENTRADA INTERNA									
72. GUIDA INGRESSO INTERNO									
73. GUIDA ENTRADA EXTERNA									
73. GUIDA INGRESSO ESTERNO									
74. GUIDA ENTRADA INTERNA									
74. GUIDA INGRESSO INTERNA									
75. ESTRELLA NEUTRA ENTRADA									
75. STELLA FOLLE INGRESSO									



RAA415 * 463C * EUROSTAR

PART LIST
XR01PP036P**DESIGNATION**
WORMSCREW*DRAWING 162216*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	CHG450	RING	1 N.			
2	162213	FLANGE	1 N.			
3	162211	FLANGE	1 N.			
4	292866/330	WORMSCREW	1 N.			
5	HME126	SCREW	2 N.			
6	HZG047	INTERNAL RETAINING RING	1 N.			
7	CAA415	BEARING	1 N.		C	
8	HZC025	EXTERNAL RETAINING RING	1 N.			

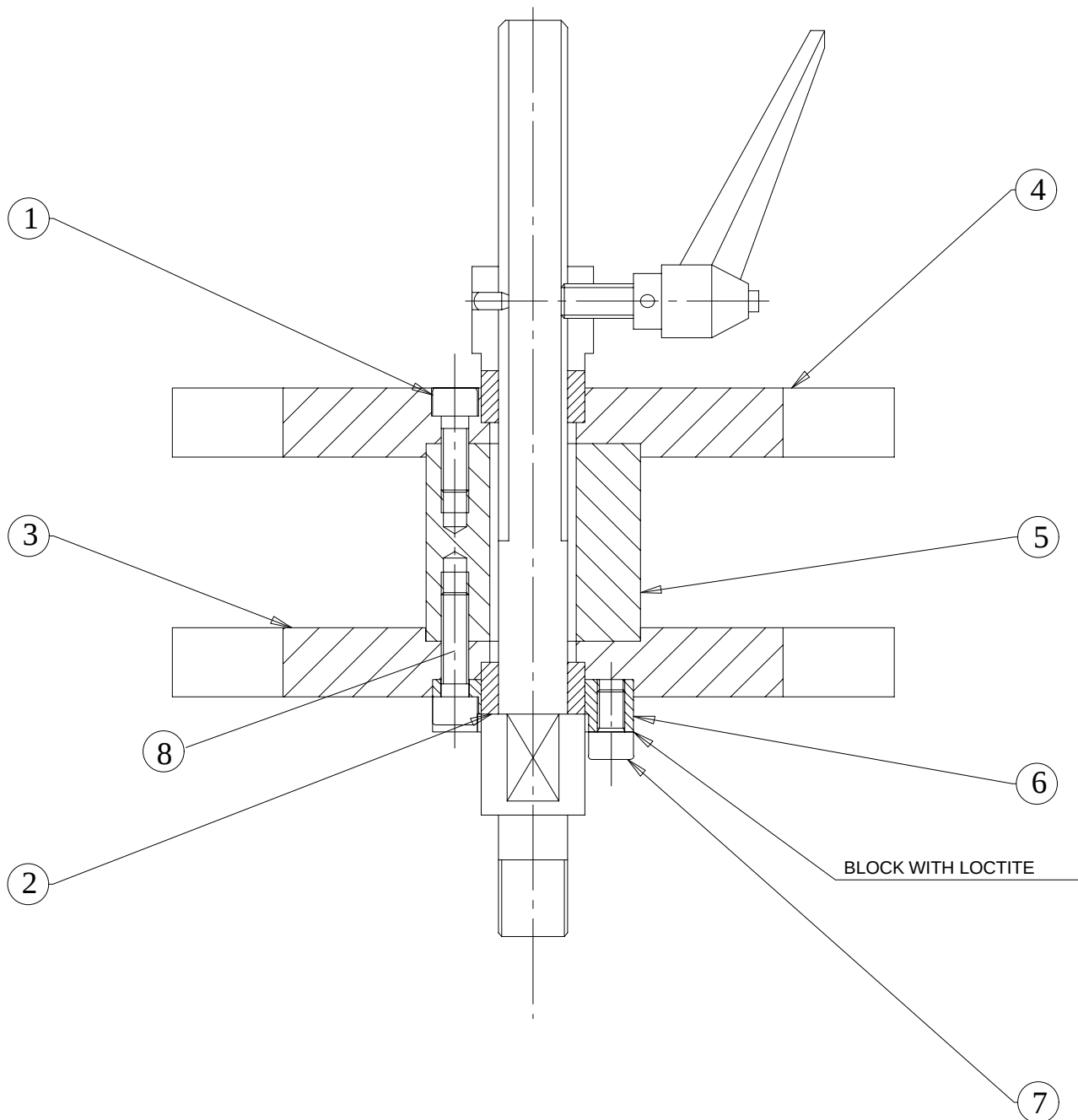




RAA415 * 463C * EUROSTAR

PART LIST
XR05PP030A**DESIGNATION**
BOTTLE STOP STARWHEEL**DRAWING 349622**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	HME124	SCREW	3 N.			
2	184712	BUSHING	2 N.			
3	329702/055	STARWHEEL	1 N.			
4	329705/063	STARWHEEL	1 N.			
5	372645/006	SPACER	1 N.			
6	250368/003	DISK	1 N.			
7	HME112	SCREW	3 N.			
8	HME126	SCREW	3 N.			

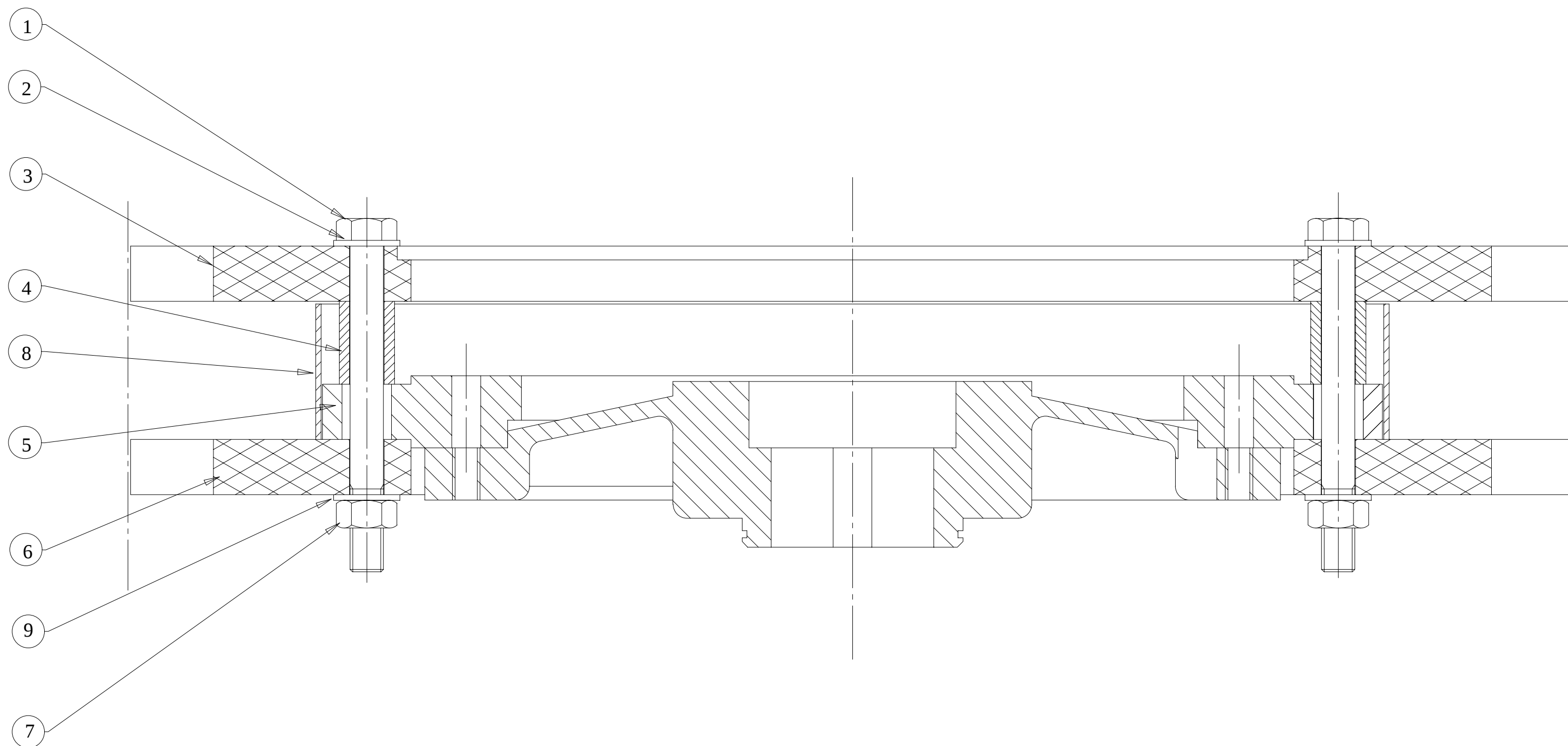




RAA415 * 463C * EUROSTAR

PART LIST
XR06PP020I**DESIGNATION**
STARWHEEL*DRAWING 172675*

<i>POS.</i>	<i>ITEM</i>	<i>DESIGNATION</i>	<i>Q.TY</i>	<i>S</i>	<i>R</i>	<i>K</i>
1	9090D012X170	SCREW	5 N.			
2	HRU012	WASHER	5 N.			
3	445025	STARWHEEL	1 N.			
4	372633/054	SPACER	5 N.			
5	183972/002	HUB	1 N.			
6	445026	STARWHEEL	1 N.			
7	HRP012	NUT	5 N.			
8	292793/205	CYLINDER	1 N.			
9	HRU012	WASHER	5 N.			

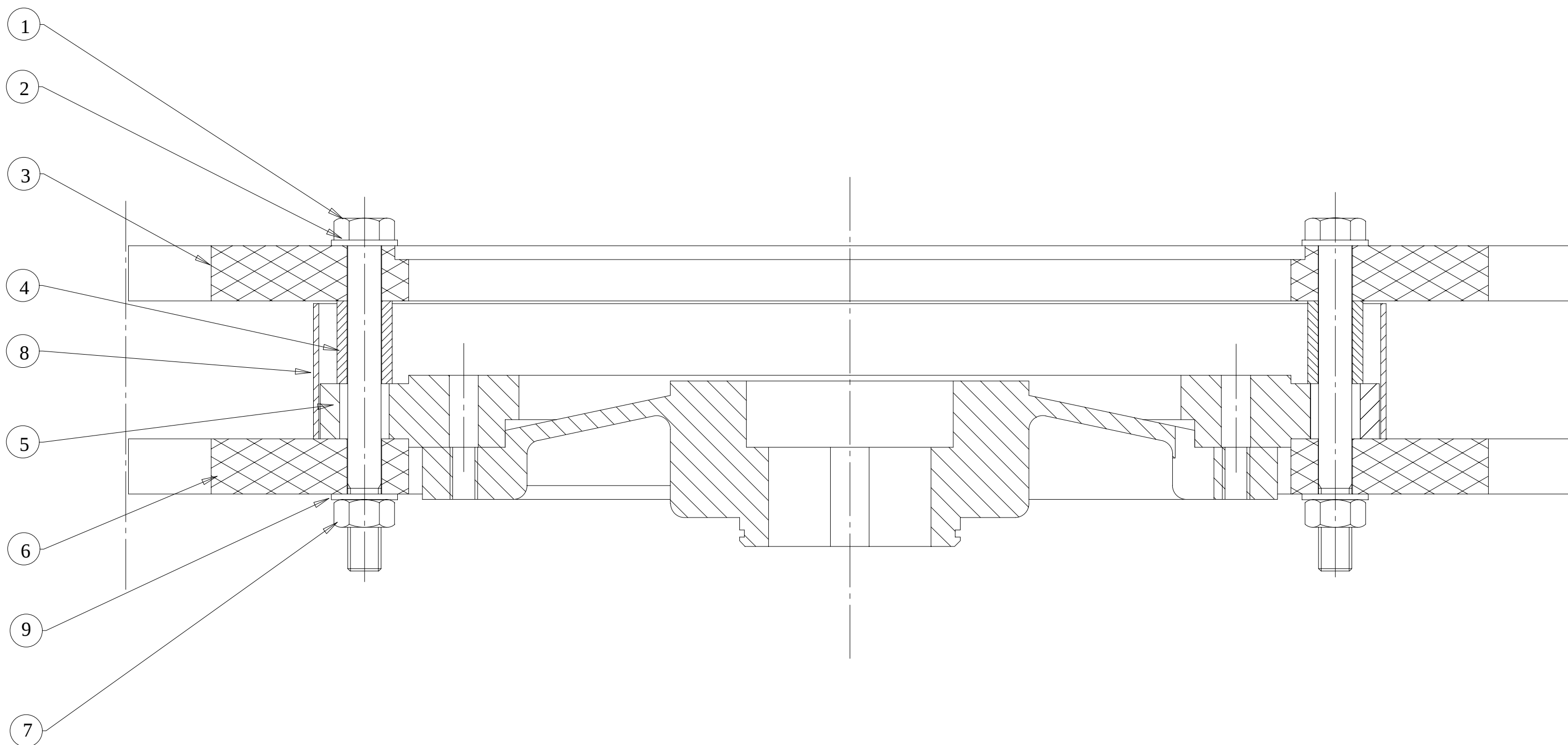




RAA415 * 463C * EUROSTAR

PART LIST
XR09PP023E**DESIGNATION**
STARWHEEL**DRAWING 172675**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
	HRU012	WASHER	6 N.			
1	9090D012X170	SCREW	6 N.			
2	HRU012	WASHER	6 N.			
3	444027	GUIDE	1 N.			
4	372633/054	SPACER	6 N.			
5	183972/003	HUB	1 N.			
6	445028	STARWHEEL	1 N.			
7	HRP012	NUT	6 N.			
8	292793/160	CYLINDER	1 N.			

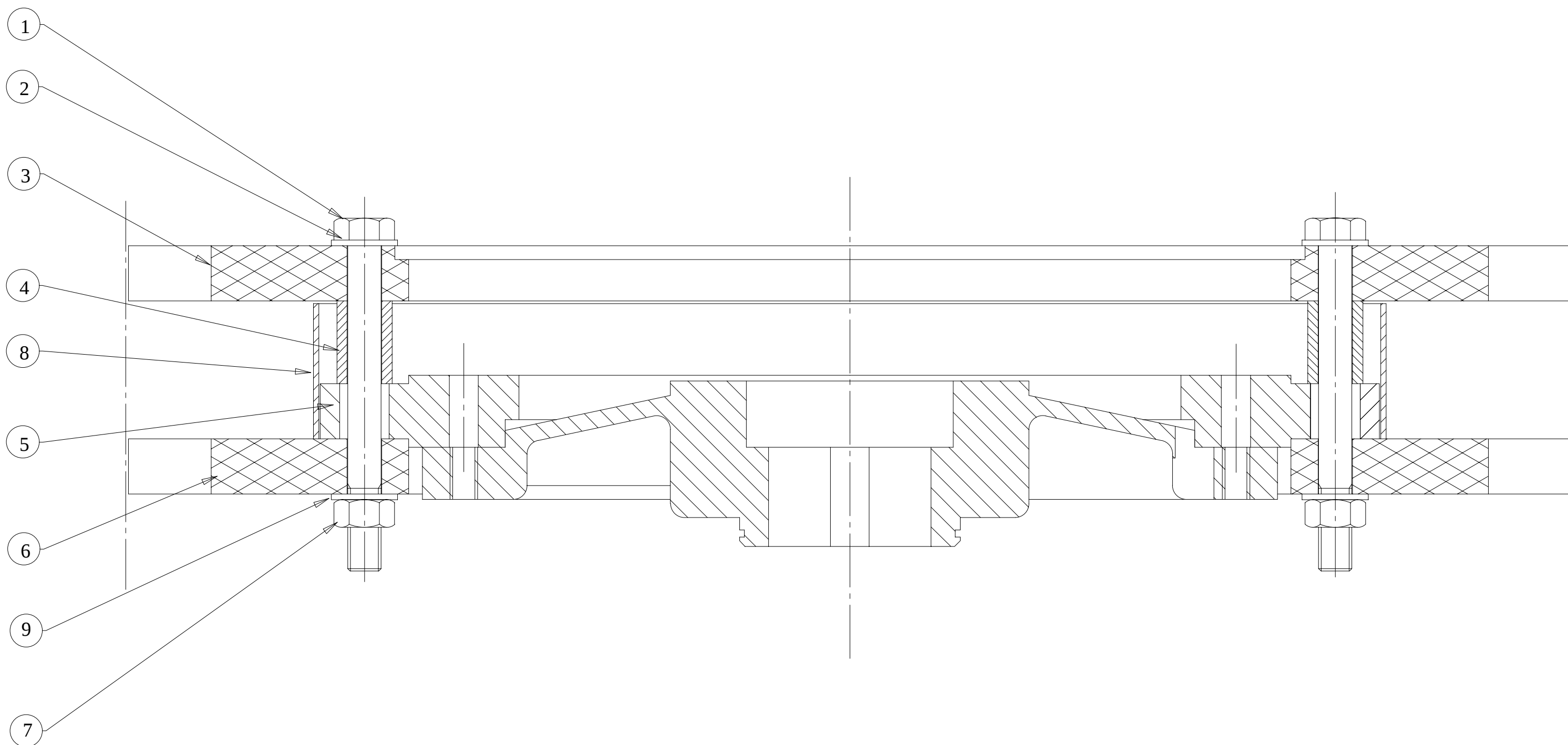




RAA415 * 463C * EUROSTAR

PART LIST
XR09PP023E**DESIGNATION**
STARWHEEL*DRAWING 172675*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
	HRU012	WASHER	6 N.			
1	9090D012X170	SCREW	6 N.			
2	HRU012	WASHER	6 N.			
3	444027	GUIDE	1 N.			
4	372633/054	SPACER	6 N.			
5	183972/003	HUB	1 N.			
6	445028	STARWHEEL	1 N.			
7	HRP012	NUT	6 N.			
8	292793/160	CYLINDER	1 N.			



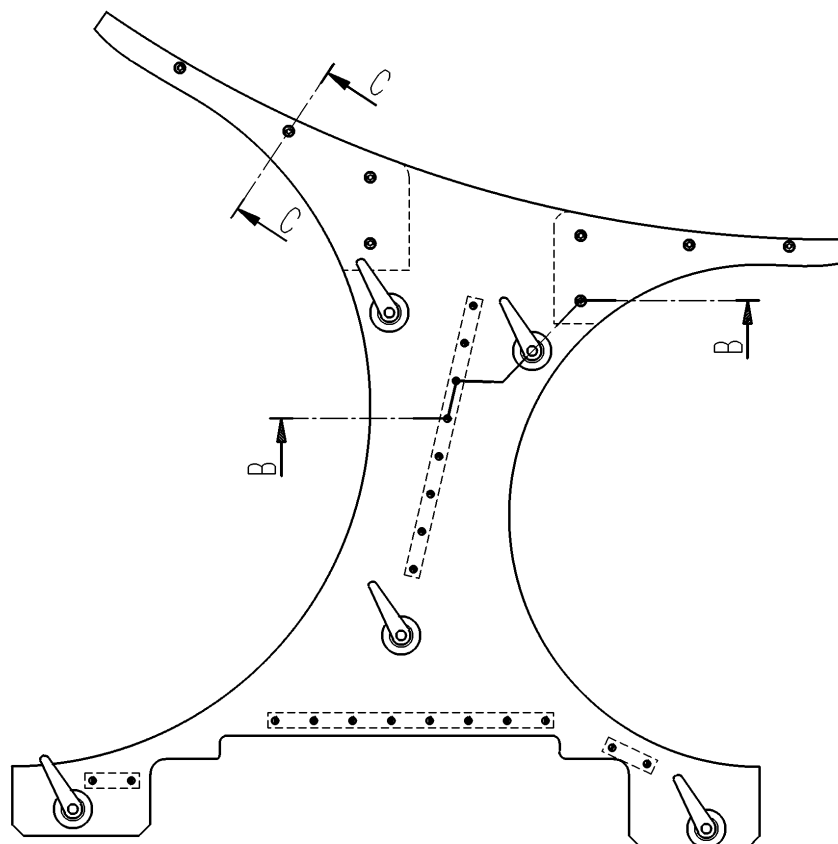
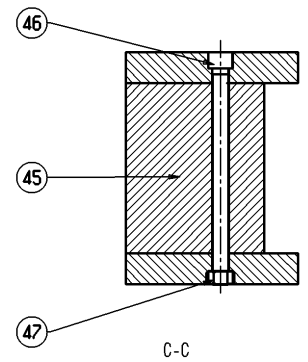
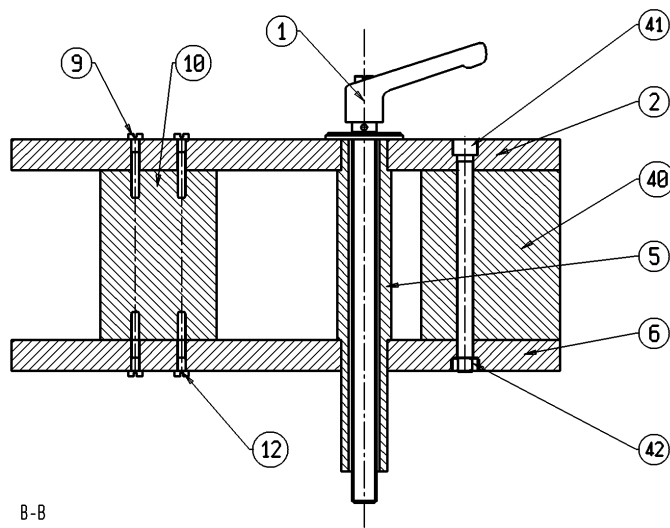


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PART LIST
XR12PP023Z**DESIGNATION**
GUIDE

DRAWING 382871

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/037	HANDLE	4 N.	S		
2	80PR001G99	GUIDE	1 N.			
5	372641/050	SPACER	4 N.			
6	80PR001G90	GUIDE	1 N.			
9	HQZ680	SCREW	16 N.			
10	350056/360	SPACER	1 N.			
10	350056/258	SPACER	1 N.			
10	350056/265	SPACER	1 N.			
12	HQZ680	SCREW	16 N.			
40	80PR001H07	TAB	1 N.			
41	HMD170	SCREW	5 N.			
42	HRP006	NUT	5 N.			
45	80PR001I26	TAB	1 N.			
46	HMD170	SCREW	4 N.			
47	HRP006	NUT	4 N.			



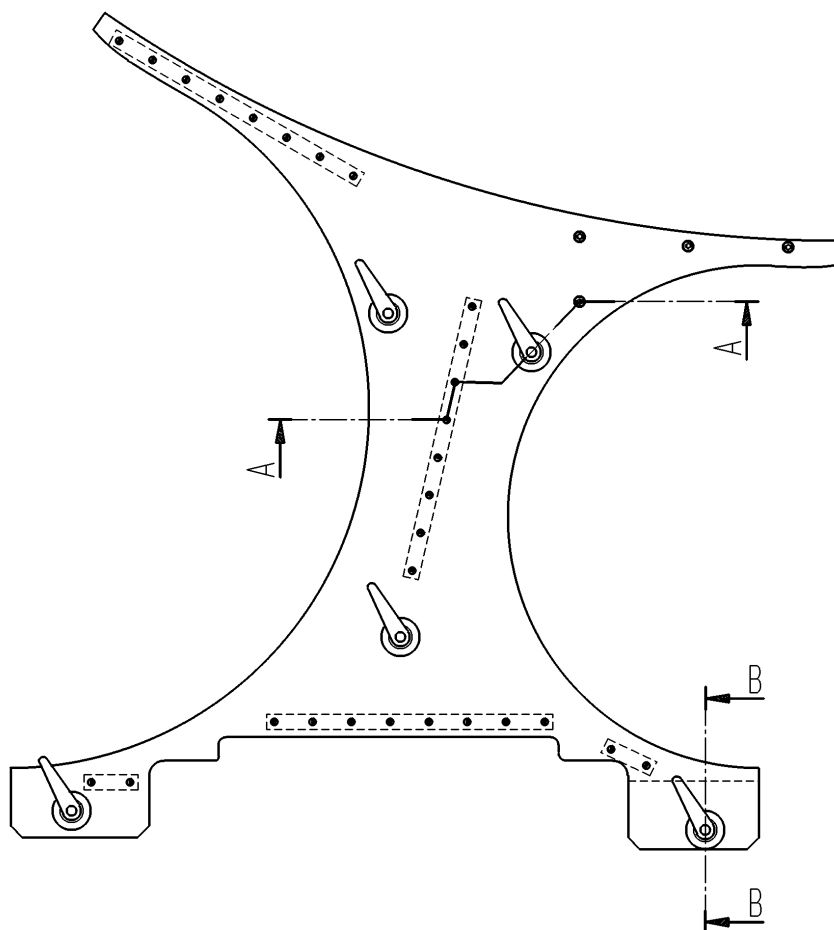
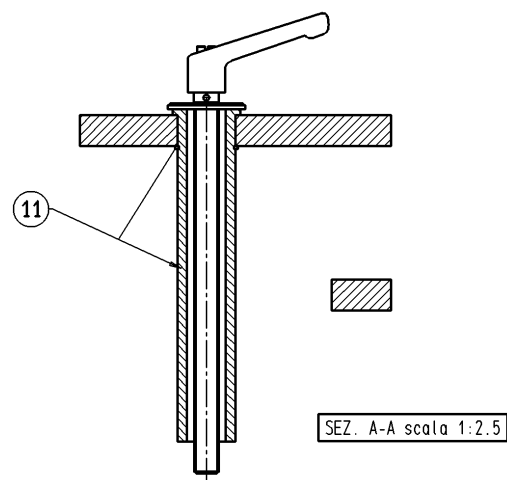
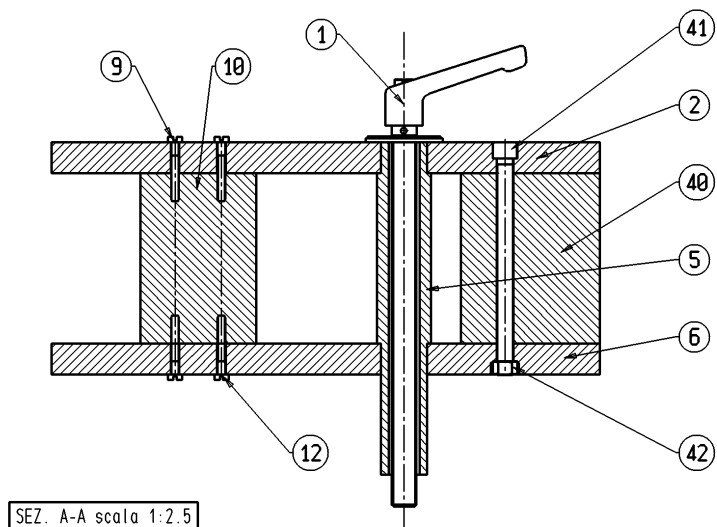


RAA415 * 463C * EUROSTAR

PART LIST
XR13PP005U**DESIGNATION**
GUIDE

DRAWING 445865

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/037	HANDLE	5 N.	S		
2	80PR001G74	GUIDE	1 N.			
5	372641/050	SPACER	4 N.			
6	80PR001G66	GUIDE	1 N.			
9	HQZ680	SCREW	27 N.			
10	350056/360	SPACER	1 N.			
10	350056/256	SPACER	1 N.			
10	350056/263	SPACER	1 N.			
10	350056/264	SPACER	1 N.			
10	350056/265	SPACER	1 N.			
11	HZF030	EXTERNAL RETAINING RING	1 N.			
11	372637/021	STUD	1 N.			
12	HQZ680	SCREW	27 N.			
40	80PR001G82	TAB	1 N.			
41	HME172	SCREW	5 N.			
42	HRP008	NUT	5 N.			



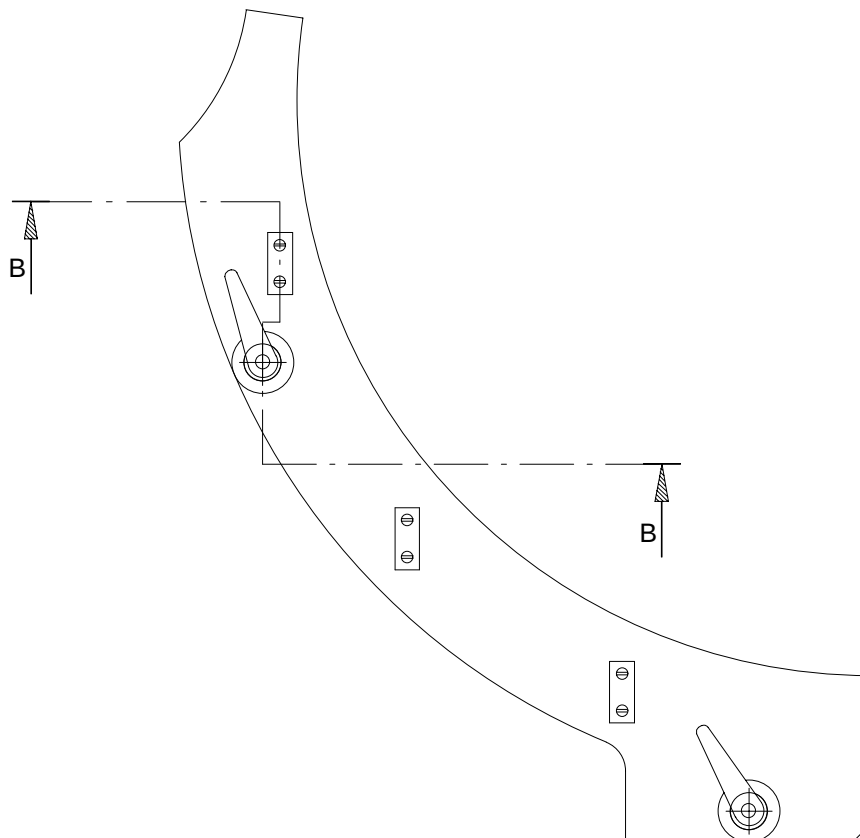
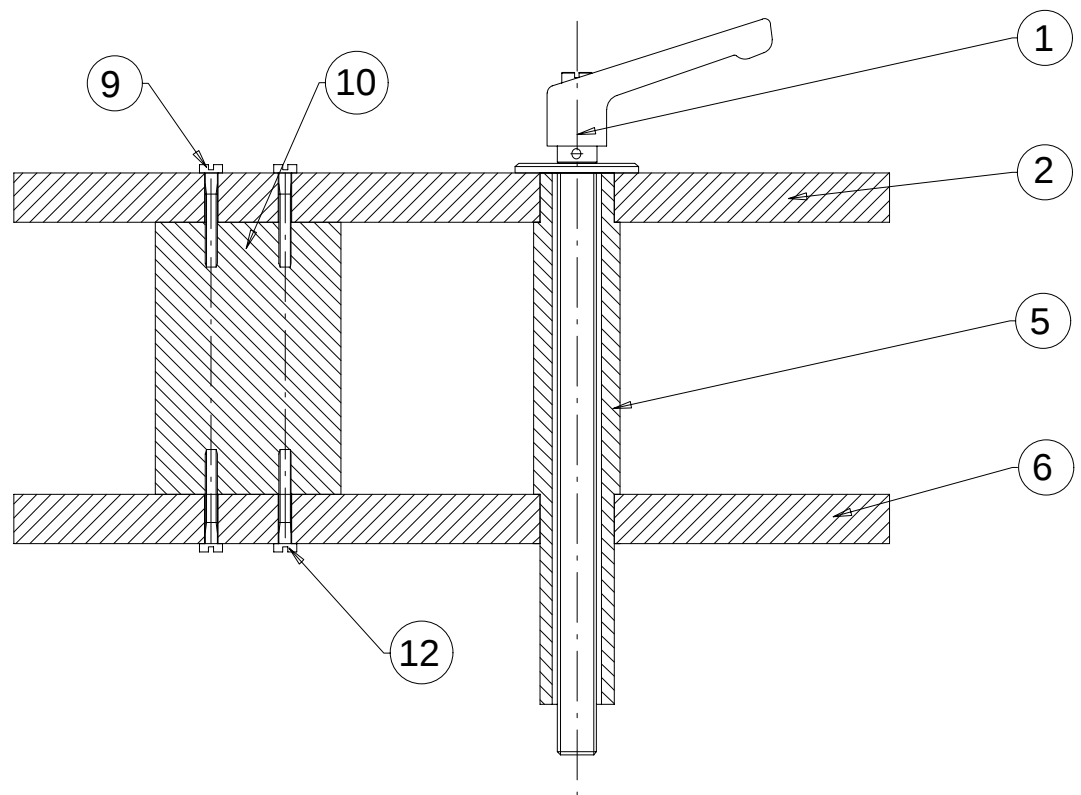


RAA415 * 463C * EUROSTAR

PART LIST
XR20PP006K**DESIGNATION**
GUIDE*DRAWING 382888*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/057	HANDLE	2 N.			
2	80PR001H15	GUIDE	1 N.			
5	372641/125	SPACER	2 N.			
6	80PR001H23	GUIDE	1 N.			
9	HQZ680	SCREW	14 N.			
10	350056/213	SPACER	3 N.			
10	350056/203	SPACER	1 N.			
12	HQZ680	SCREW	14 N.			

B-B

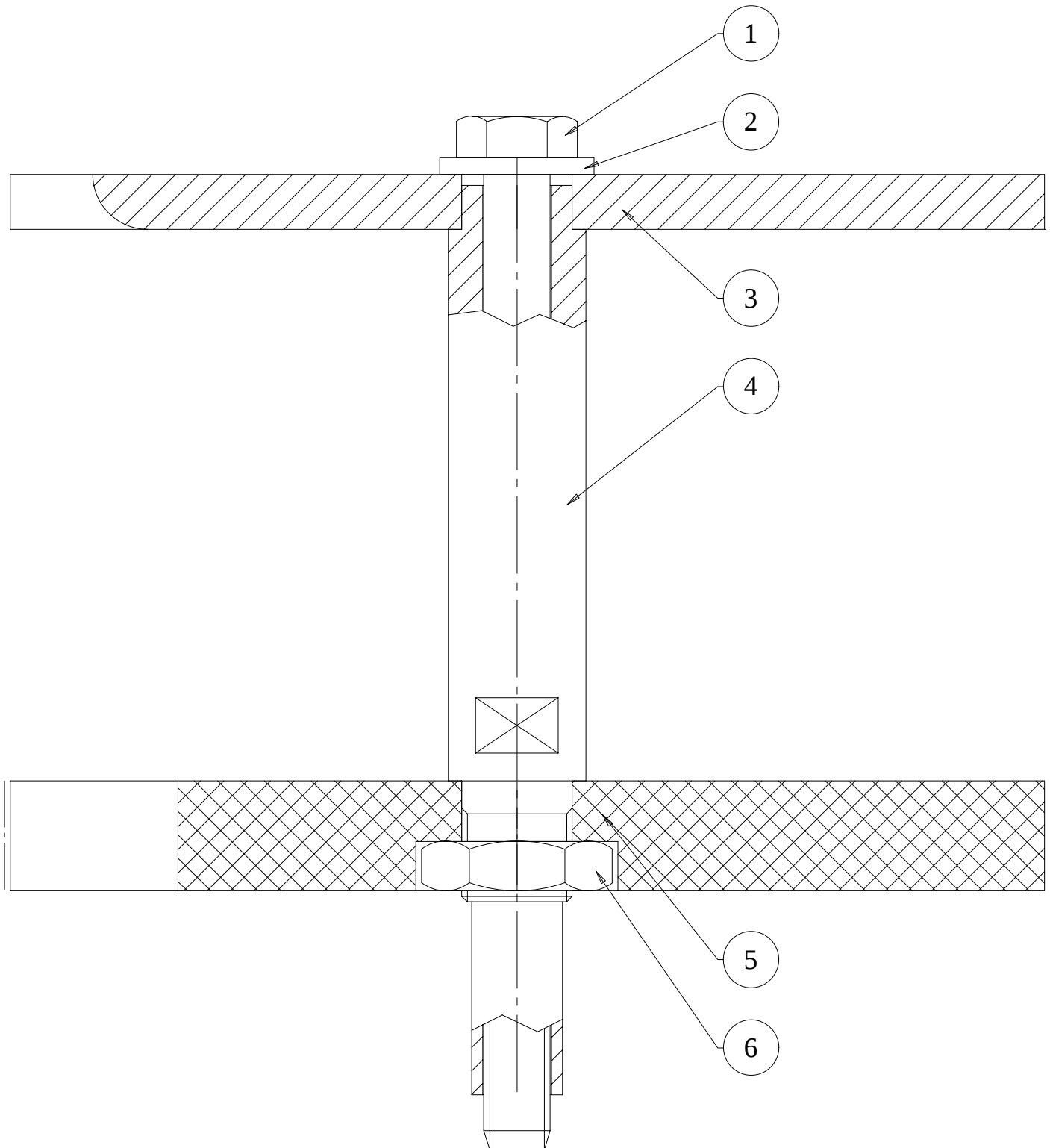




RAA415 * 463C * EUROSTAR

PART LIST
XR22PP013Z**DESIGNATION**
STARWHEEL*DRAWING 177044*

<i>POS.</i>	<i>ITEM</i>	<i>DESIGNATION</i>	<i>Q.TY</i>	<i>S</i>	<i>R</i>	<i>K</i>
1	9090D012X190	ADJUSTMENT SCREW	6 N.			
2	005103/098	WASHER	6 N.			
3	329811/024	STARWHEEL	1 N.			
4	372642/025	SPACER	6 N.			
5	329809/073	STARWHEEL	1 N.			
6	HRP220	NUT	6 N.			



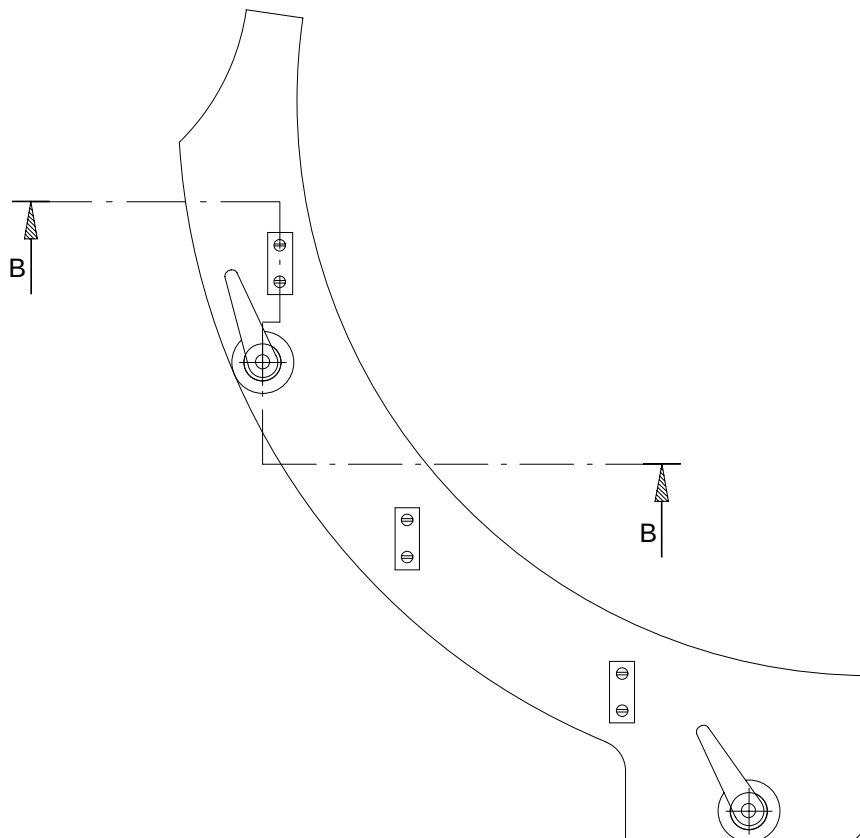
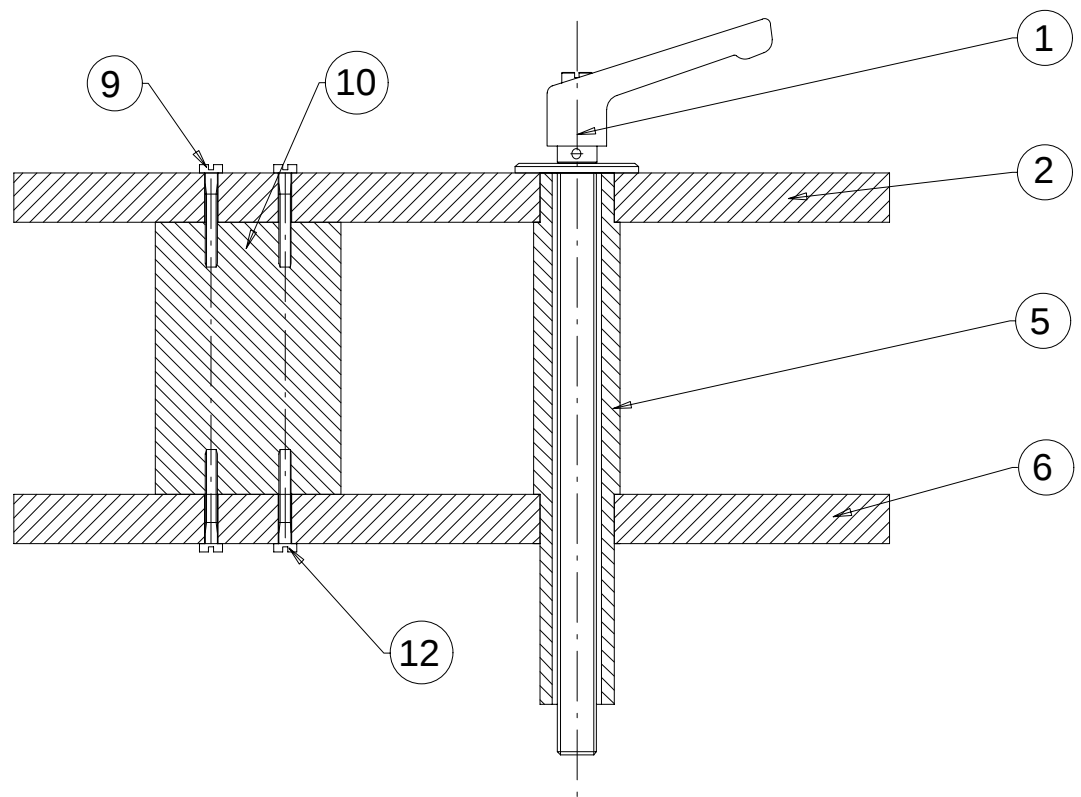


RAA415 * 463C * EUROSTAR

PART LIST
XR23PP012R**DESIGNATION**
GUIDES*DRAWING 382888*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/057	HANDLE	2 N.			
2	80PR001H47	GUIDE	1 N.			
5	372641/125	SPACER	2 N.			
6	80PR001H55	GUIDE	1 N.			
9	HQZ680	SCREW	11 N.			
10	350056/205	SPACER	3 N.			
10	350056/203	SPACER	1 N.			
12	HQZ680	SCREW	11 N.			

B-B



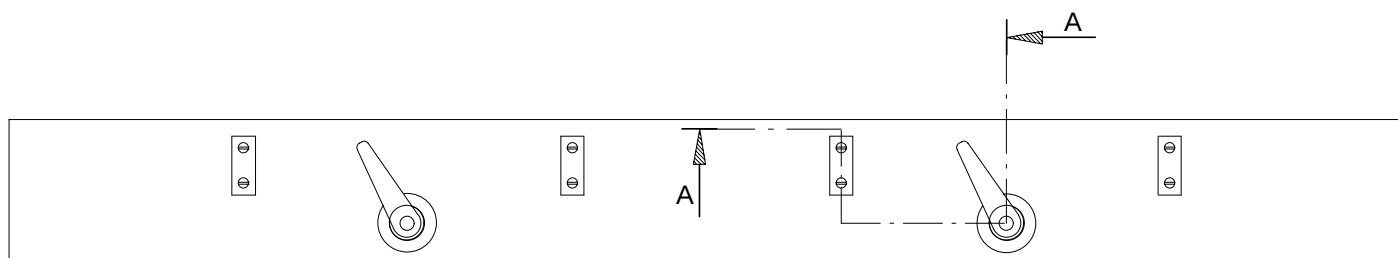
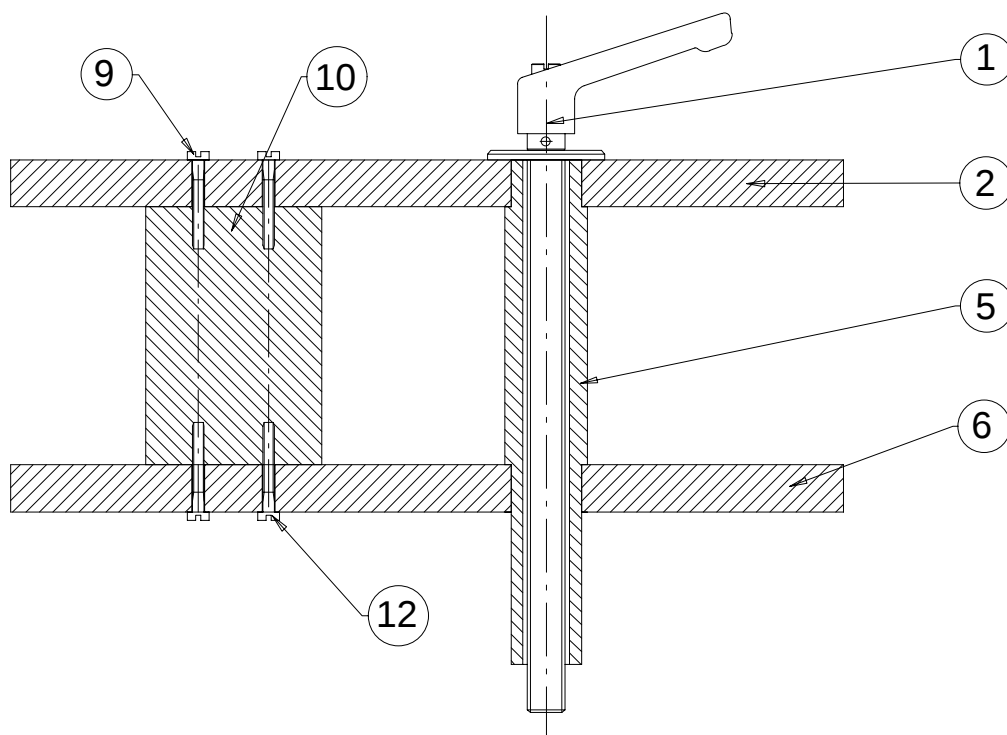


RAA415 * 463C * EUROSTAR

PART LIST
XR24PP008F**DESIGNATION**
GUIDES*DRAWING 382889*

<i>POS.</i>	<i>ITEM</i>	<i>DESIGNATION</i>	<i>Q.TY</i>	<i>S</i>	<i>R</i>	<i>K</i>
1	372654/057	HANDLE	2 N.			
2	80PR001H63	GUIDE	1 N.			
5	372641/152	SPACER	2 N.			
6	80PR001H71	GUIDE	1 N.			
9	HQZ680	SCREW	6 N.			
10	350056/008	SPACER	3 N.			
12	HQZ680	SCREW	6 N.			

A-A



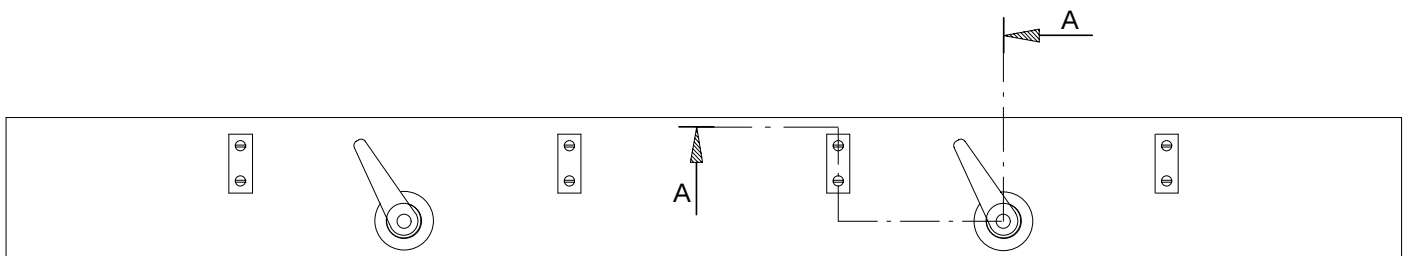
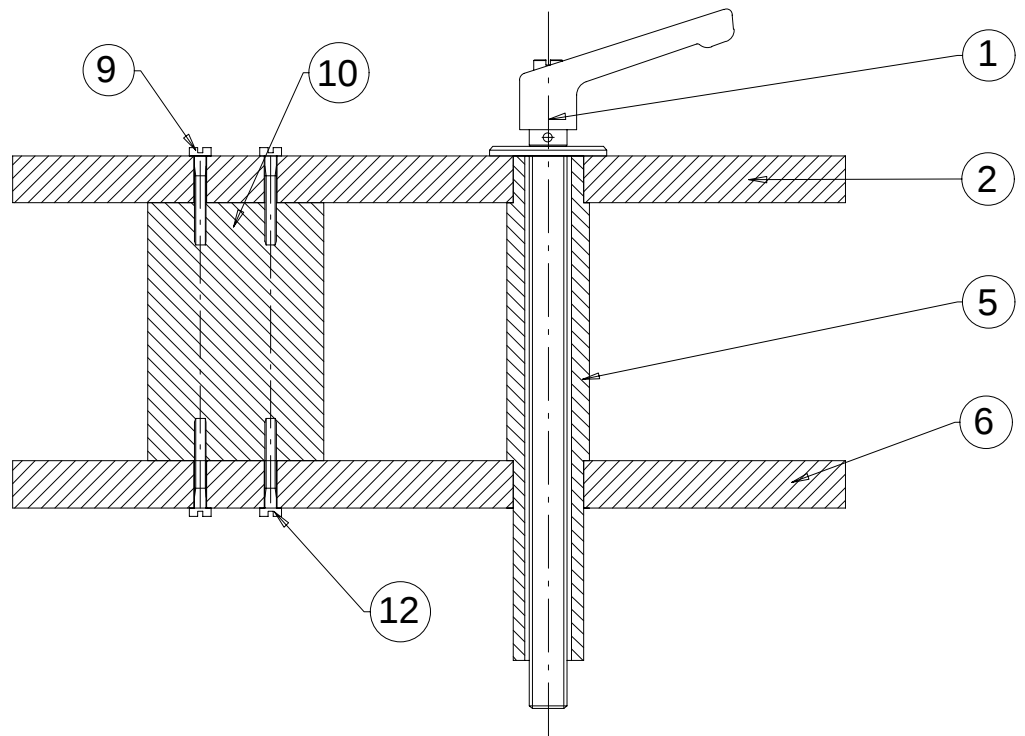


RAA415 * 463C * EUROSTAR

PART LIST
XR25PP006Y**DESIGNATION**
GUIDES*DRAWING 382889*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/037	HANDLE	2 N.	S		
2	80PR001H79	GUIDE	1 N.			
5	372641/050	SPACER	2 N.			
6	80PR001H87	GUIDE	1 N.			
9	HQZ680	SCREW	15 N.			
10	350056/263	SPACER	2 N.			
10	350056/266	SPACER	1 N.			
12	HQZ680	SCREW	15 N.			

A-A



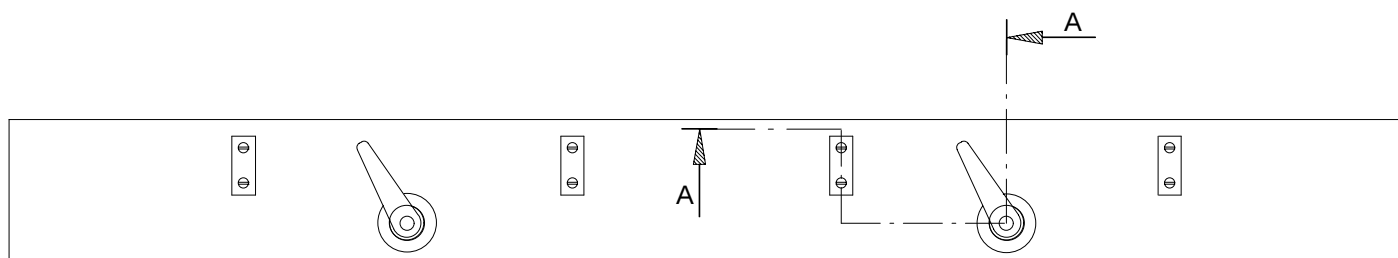
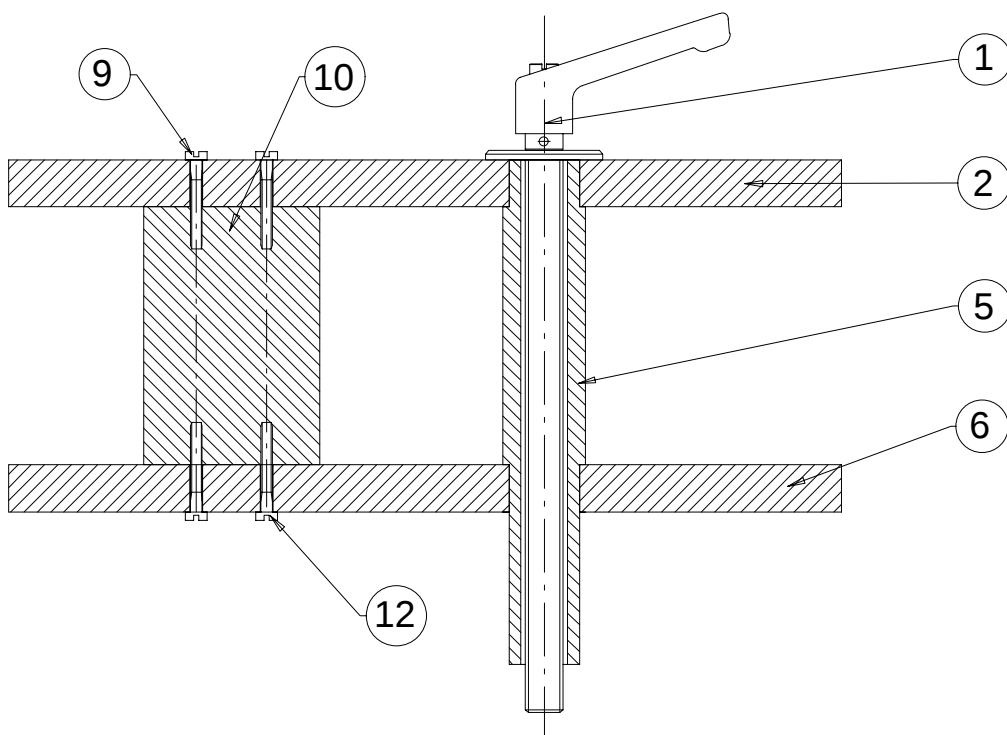


RAA415 * 463C * EUROSTAR

PART LIST
XR26PP038B**DESIGNATION**
INTERNAL OUTLET GUIDE*DRAWING 382889*

<i>POS.</i>	<i>ITEM</i>	<i>DESIGNATION</i>	<i>Q.TY</i>	<i>S</i>	<i>R</i>	<i>K</i>
1	372654/037	HANDLE	2 N.	S		
2	80PR001H95	GUIDE	1 N.			
5	372641/050	SPACER	2 N.			
6	80PR001I03	GUIDE	1 N.			
9	HQZ680	SCREW	4 N.			
10	350056/263	SPACER	2 N.			
12	HQZ680	SCREW	4 N.			

A-A



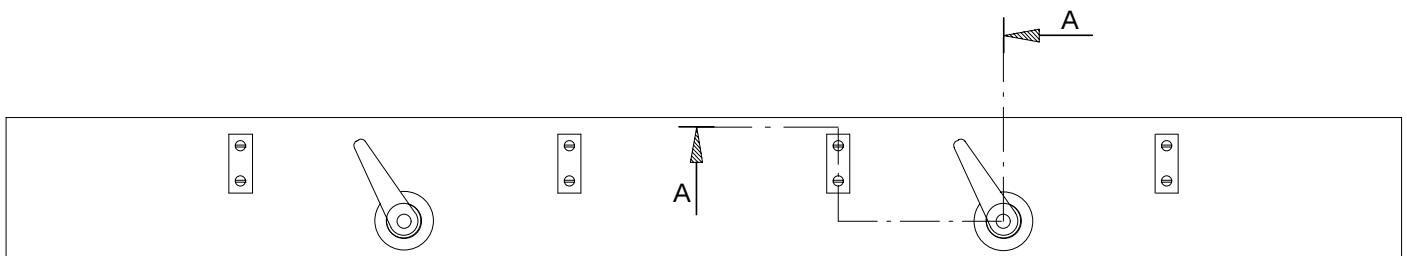
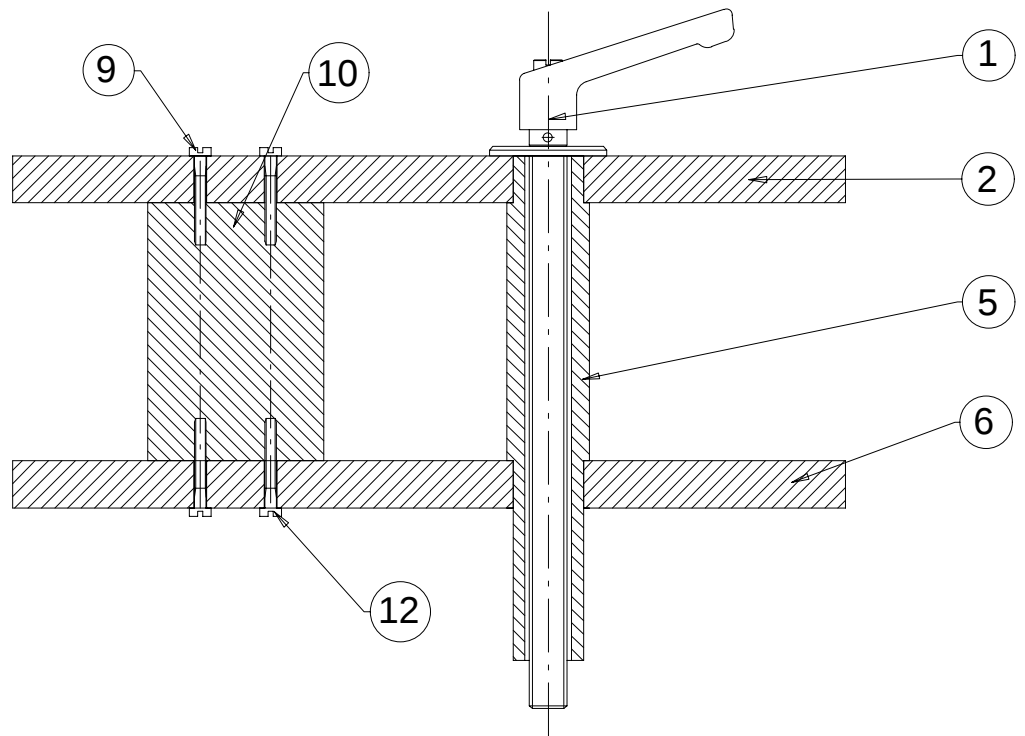


RAA415 * 463C * EUROSTAR

PART LIST
XR27PP024M**DESIGNATION**
EXTERNAL OUTLET GUIDE*DRAWING 382889*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/037	HANDLE	2 N.	S		
2	80PR001I11	GUIDE	1 N.			
5	372641/050	SPACER	2 N.			
6	80PR001I19	GUIDE	1 N.			
9	HQZ680	SCREW	10 N.			
10	350056/257	SPACER	1 N.			
10	350056/263	SPACER	1 N.			
10	350056/265	SPACER	1 N.			
12	HQZ680	SCREW	10 N.			

A-A

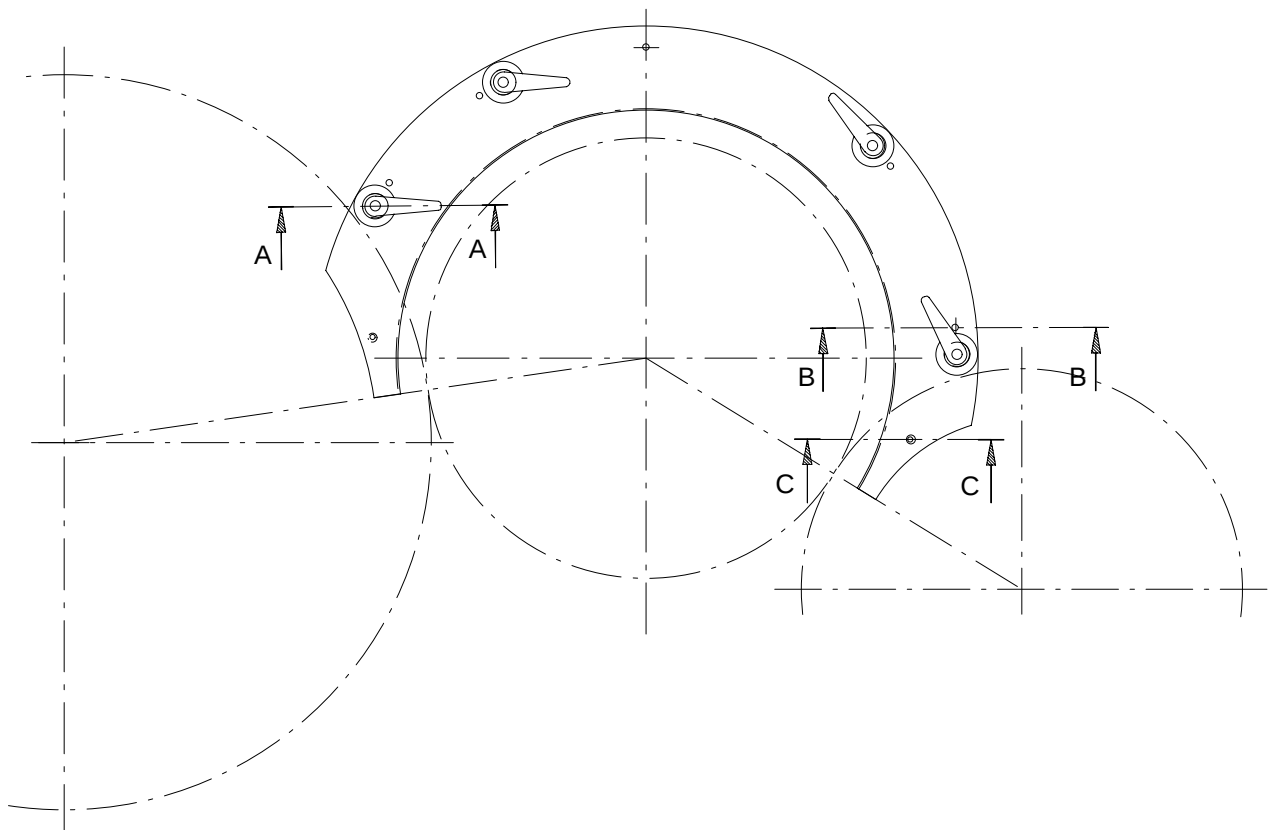
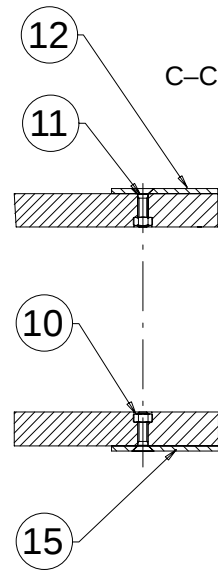
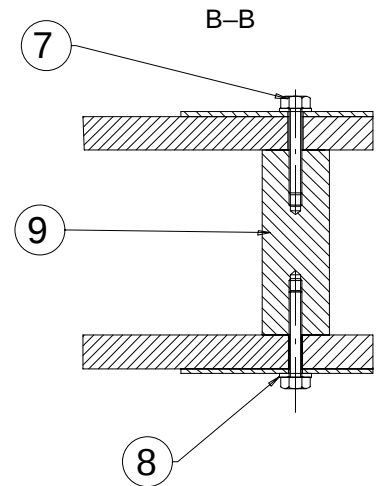
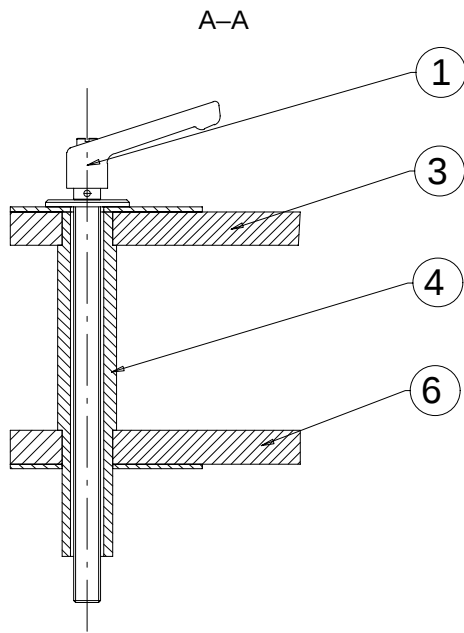




RAA415 * 463C * EUROSTAR

PART LIST
XR29PP019Y**DESIGNATION**
GUIDE*DRAWING 382890*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/057	HANDLE	4 N.			
3	80PR001H31	GUIDE	1 N.			
4	372641/152	SPACER	4 N.			
6	80PR001H39	GUIDE	1 N.			
7	HLE030	SCREW	10 N.			
8	HRU108	SPRINGWASHER	10 N.			
9	372639/055	COLUMN	5 N.			
10	HRP006	NUT	4 N.			
11	HNR020	SCREW	4 N.			
12	189596	SHEET	1 N.			
15	189598	SHEET	1 N.			

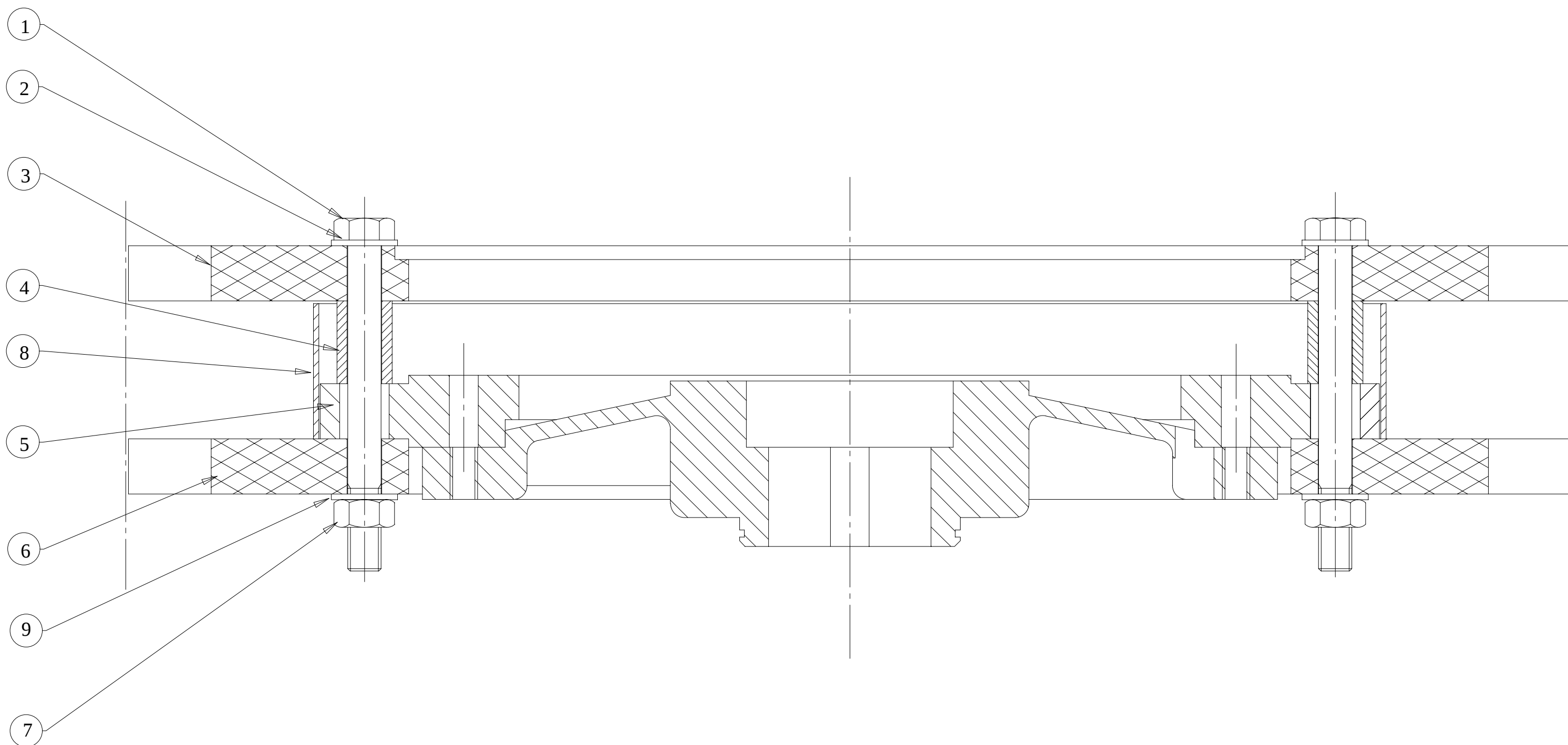




RAA415 * 463C * EUROSTAR

PART LIST
XR38PP026C**DESIGNATION**
STARWHEEL**DRAWING 172675**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	9090D012X170	SCREW	5 N.			
2	HRU012	WASHER	5 N.			
3	445029	STARWHEEL	1 N.			
4	372633/054	SPACER	5 N.			
5	183972/001	HUB	1 N.			
6	445030	STARWHEEL	1 N.			
7	HRP012	NUT	5 N.			
8	292793/133	CYLINDER	1 N.			
9	HRU012	WASHER	5 N.			

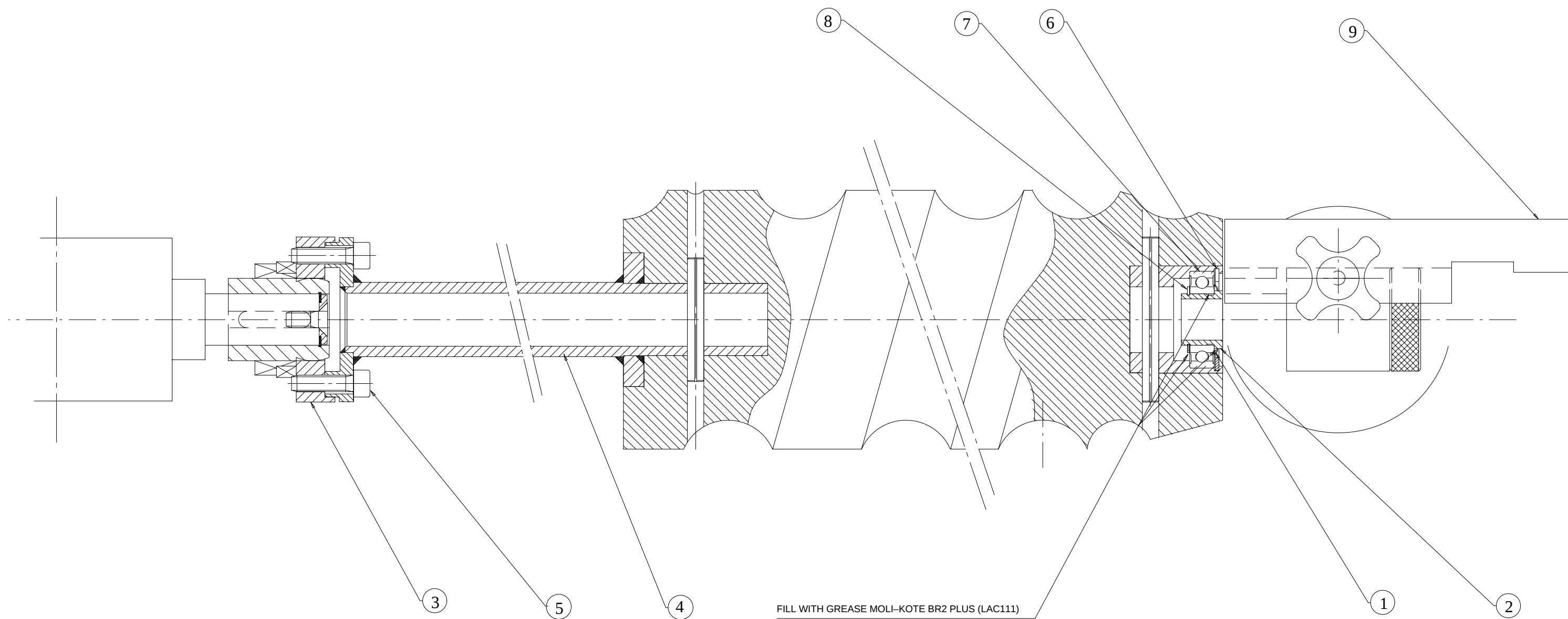




RAA415 * 463C * EUROSTAR

PART LIST
XR45PP003N**DESIGNATION**
WORMSCREW*DRAWING 247008*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	CHG450	RING	1 N.			
2	162213	FLANGE	1 N.			
3	162211	FLANGE	1 N.			
4	292866/330	WORMSCREW	1 N.			
5	HME126	SCREW	2 N.			
6	HZG047	INTERNAL RETAINING RING	1 N.			
7	CAA415	BEARING	1 N.		C	
8	HZC025	EXTERNAL RETAINING RING	1 N.			
9	330677/029	GUIDE	1 N.			



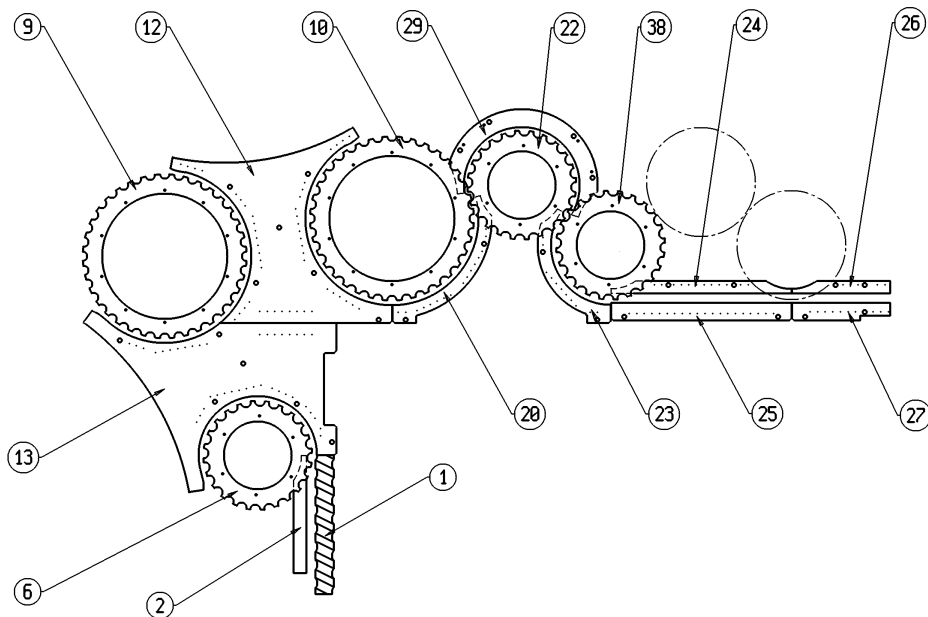


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PART LIST
X000GRAA415**DESIGNATION**
HANDLING PARTS

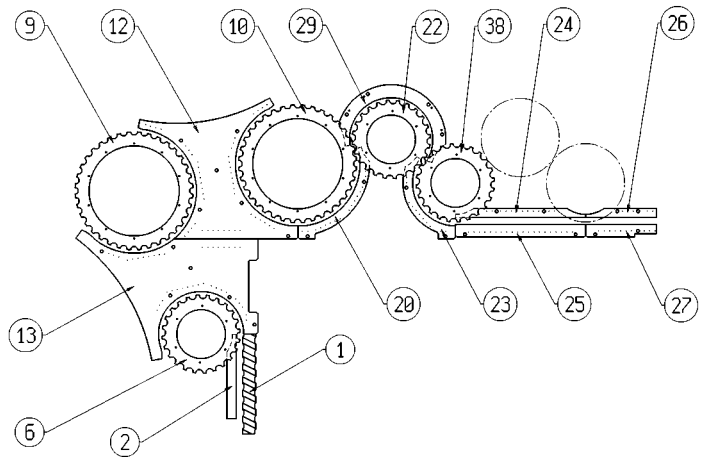
DRAWING 444428 444426 445577

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
6601	XR01PP036Q	WORMSCREW	1 N.			
6602	XR02PP028Z	INLET WORMSC.COUNTERGUIDE	1 N.			
6605	XR05PP030B	BOTTLE STOP STARWHEEL	1 N.			
6606	XR06PP020J	STARWHEEL	1 N.			
6609	XR09PP023F	STARWHEEL	1 N.			
6610	XR09PP023F	STARWHEEL	1 N.			
6612	XR12PP024B	GUIDE	1 N.			
6613	XR12PP024A	GUIDE	1 N.			
6620	XR20PP006L	GUIDE	1 N.			
6622	XR22PP014A	STARWHEEL	1 N.			
6623	XR23PP012S	GUIDES	1 N.			
6624	XR24PP008G	GUIDES	1 N.			
6625	XR25PP006Z	GUIDES	1 N.			
6626	XR26PP038C	INTERNAL OUTLET GUIDE	1 N.			
6627	XR27PP024N	EXTERNAL OUTLET GUIDE	1 N.			
6629	XR29PP019Z	GUIDE	1 N.			
6638	XR38PP026D	STARWHEEL	1 N.			
6645	XR45PP003O	WORMSCREW	1 N.			

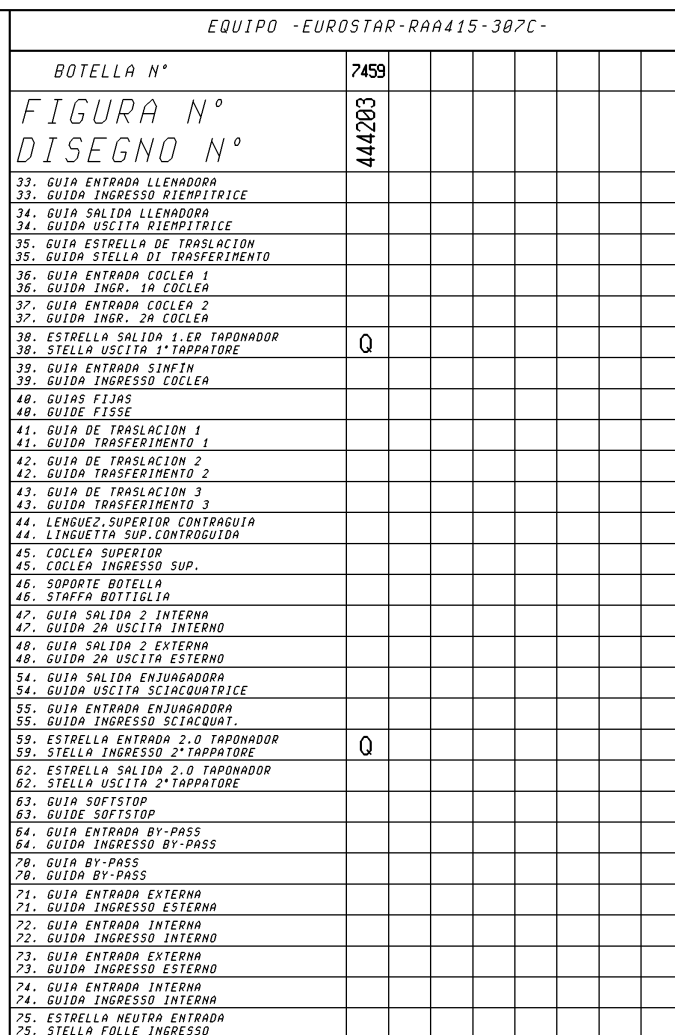


EQUIPO -EUROSTAR-RAA415-307C-								
BOTELLA N°	6982	6983	6984	7105	7106	6981	7463	7464
FIGURA N°	444423	444424	444425	444426	444427	444422	444467	444468
DISEGNO N°								
1. COCLEA ENTRADA	D	E	F	G	G	L	L	L
1. COCLEA INGRESSO	D	D	D	G	G	L	L	L
2. CONTRAGUIDA COCLEA								
2. CONTROGUIDA COCLEA								
3. COCLEA DE TRASLACION								
3. COCLEA TRASFERIMENTO								
4. CONTRAGUIDA COCLEA DE TRASL.								
4. CONTROGUIDA COCLEA TRASF.								
5. ESTRELLA PARADA BOTELLAS	D	E	F	G	G	L	L	L
5. STELLA ARRESTO BOTTIGLIE	D	E	F	G	G	L	M	N
6. ESTRELLA ENTRADA ENJUAGADORA								
6. STELLA INGRESSO SCIAQU.								
7. ESTRELLA SALIDA ENJUAGADORA								
7. STELLA USCITA SCIAQU.								
8. ESTRELLA DE TRASLACION								
8. STELLA DI TRASFERIMENTO								
9. ESTRELLA ENTRADA LLENADORA	D	E	F	G	G	L	L	N
9. STELLA INGRESSO RIEMPITRICE	D	E	F	G	G	L	L	N
10. ESTRELLA SALIDA LLENADORA								
10. STELLA USCITA RIEMPITRICE								
11. ESTRELLA BY-PASS								
11. STELLA BY-PASS								
12. GUIDA CENTRAL LLENADORA	D	E	F	G	G	L	L	L
12. GUIDA CENTRALE RIEMPITRICE	D	E	F	G	G	L	M	N
13. GUIDA CENTRAL ENJUAGADORA								
13. GUIDA CENTRALE SCIAQUATR.								
14. GUIDA ENTRADA TAPADORA								
14. GUIDA INGRESSO TAPPATORE								
15. GUIDA CENTRAL TAPADORA								
15. GUIDA CENTRALE TAPPATORE								
16. ESTRELLA TAPADORA								
16. STELLA TAPPATORE								
17. GUIDA EXTERNA TAPADORA CON CORREA								
17. GUIDA EXTERNA TAPP. CON CINGHIOLLO								
18. GUIDA EXTERNA TAPADORA								
18. GUIDA EXTERNA TAPPATORE								
19. GUIDA SALIDA TAPADORA								
19. GUIDA USCITA TAPPATORE								
20. GUIDA ENTRADA CAPSULADORA	D	E	F	G	H	L	M	N
20. GUIDA INGRESSO CAPSULATRICE								
21. GUIDA CENTRAL CAPSULADORA								
21. GUIDA CENTRALE CAPSULATRICE								
22. ESTRELLA CAPSULADORA	D	E	F	G	H	L	M	N
22. STELLA CAPSULATRICE	D	E	F	G	H	L	M	N
23. GUIDA SALIDA CAPSULADORA								
23. GUIDA USCITA CAPSULATRICE								
24. GUIDA SALIDA INT. INTERMEDIA	D	E	F	G	H	L	M	N
24. GUIDA USCITA INT. INTERMEDIA	D	E	F	G	G	L	M	N
25. GUIDA SALIDA EXT. INTERMEDIA								
25. GUIDA USCITA EXT. INTERMEDIA								
26. GUIDA SALIDA INTERNA	D	E	F	G	G	L	M	N
26. GUIDA USCITA INTERNA	D	E	F	G	G	L	M	N
27. GUIDA SALIDA EXTERNA								
27. GUIDA USCITA EXTERNA								
28. GUIDA CIRCULAR SALIDA								
28. GUIDA USCITA CIRCULARE								
29. GUIDA EXTERNA CAPSULADORA	D	E	F	G	H	L	M	N
29. GUIDA EXTERNA CAPSULATRICE								
30. GUIDA BY-PASS ENJUAGADORA								
30. GUIDA BY-PASS SCIAQUATRICE								
31. ESTRELLA ENTRADA COCLEA 1								
31. STELLA INGR. 1A COCLEA								
32. ESTRELLA ENTRADA COCLEA 2								
32. STELLA INGR. 2A COCLEA								

EQUIPO -EUROSTAR-RAA415-307C-								
BOTELLA N°	6982	6983	6984	7105	7106	6981	7463	7464
FIGURA N°	444423	444424	444425	444426	444427	444422	444467	444468
DISEGNO N°								
33. GUIDA ENTRADA LLENADORA								
33. GUIDA INGRESSO RIEMPITRICE								
34. GUIDA SALIDA LLENADORA								
34. GUIDA USCITA RIEMPITRICE								
35. GUIDA ESTRELLA DE TRASLACION								
35. GUIDA STELLA DI TRASFERIMENTO								
36. GUIDA ENTRADA COCLEA 1								
36. GUIDA INGR. 1A COCLEA								
37. GUIDA ENTRADA COCLEA 2								
37. GUIDA INGR. 2A COCLEA								
38. ESTRELLA SALIDA 1.ER TAPONADOR	D	E	F	G	G	L	M	N
38. STELLA USCITA 1°TAPPATORE								
39. GUIDA ENTRADA SINFIN								
39. GUIDA INGRESSO COCLEA								
40. GUIDAS FIJAS								
40. GUIDE FISSE								
41. GUIDA DE TRASLACION 1								
41. GUIDA TRASFERIMENTO 1								
42. GUIDA DE TRASLACION 2								
42. GUIDA TRASFERIMENTO 2								
43. GUIDA DE TRASLACION 3								
43. GUIDA TRASFERIMENTO 3								
44. LENGÜEZ SUPERIOR CONTRAGUIDA								
44. LINGUETTA SUP. CONTROGUIDA								
45. COCLEA SUPERIOR	D	E	F	G	G			
45. COCLEA INGRESSO SUP.								
46. SOPORTE BOTELLA								
46. STAFFA BOTTIGLIA								
47. GUIDA SALIDA 2 INTERNA								
47. GUIDA 2A USCITA INTERNO								
48. GUIDA SALIDA 2 EXTERNA								
48. GUIDA 2A USCITA ESTERNO								
54. GUIDA SALIDA ENJUAGADORA								
54. GUIDA USCITA SCIAQUATRICE								
55. GUIDA ENTRADA ENJUAGADORA								
55. GUIDA INGRESSO SCIAQUATR.								
59. ESTRELLA ENTRADA 2.0 TAPONADOR								
59. STELLA INGRESSO 2°TAPPATORE								
62. ESTRELLA SALIDA 2.0 TAPONADOR								
62. STELLA USCITA 2°TAPPATORE								
63. GUIDA SOFTSTOP								
63. GUIDE SOFTSTOP								
64. GUIDA ENTRADA BY-PASS								
64. GUIDA INGRESSO BY-PASS								
70. GUIDA BY-PASS								
70. GUIDA BY-PASS								
71. GUIDA ENTRADA EXTERNA								
71. GUIDA INGRESSO EXTERNA								
72. GUIDA ENTRADA INTERNA								
72. GUIDA INGRESSO INTERNO								
73. GUIDA ENTRADA EXTERNA								
73. GUIDA INGRESSO ESTERNO								
74. GUIDA ENTRADA INTERNA								
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75. ESTRELLA NEUTRA ENTRADA								
75. STELLA FOLLE INGRESSO								



444426

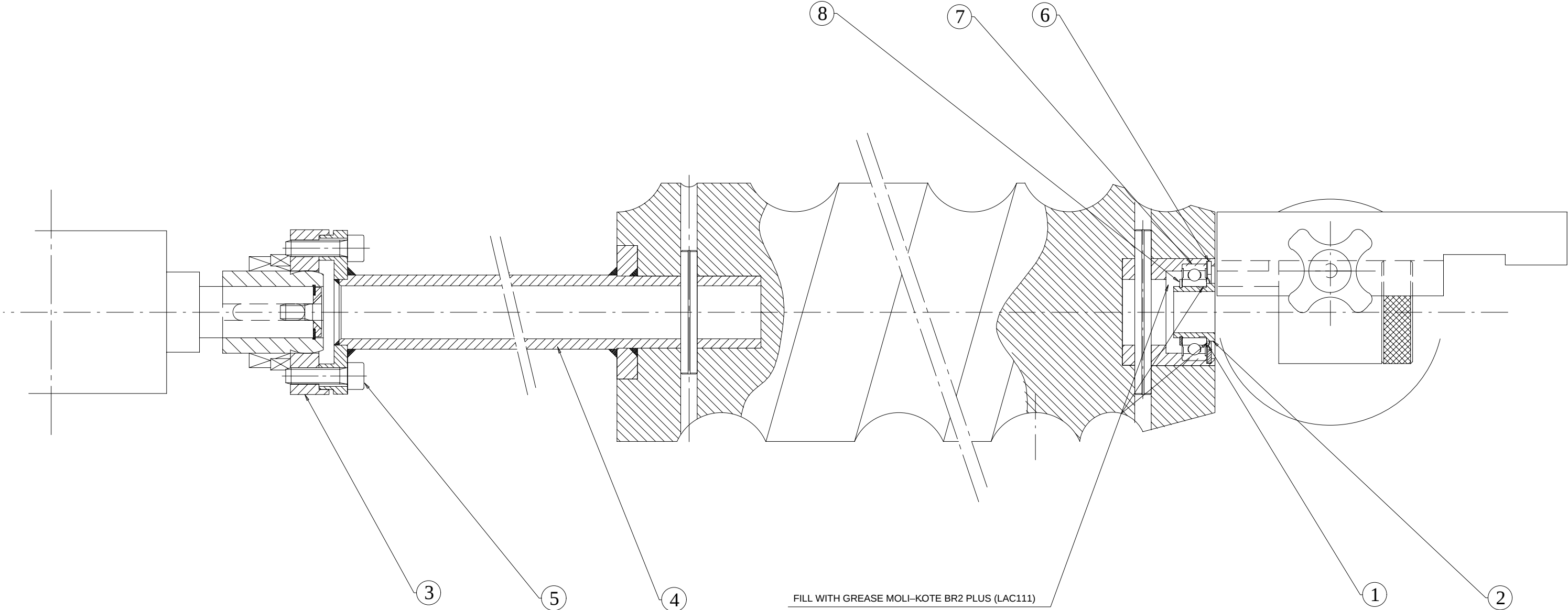




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PART LIST
XR01PP036Q**DESIGNATION**
WORMSCREW**DRAWING 162216**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	CHG450	RING	1 N.			
2	162213	FLANGE	1 N.			
3	162211	FLANGE	1 N.			
4	292866/331	WORMSCREW	1 N.			
5	HME126	SCREW	2 N.			
6	HZG047	INTERNAL RETAINING RING	1 N.			
7	CAA415	BEARING	1 N.		C	
8	HZC025	EXTERNAL RETAINING RING	1 N.			

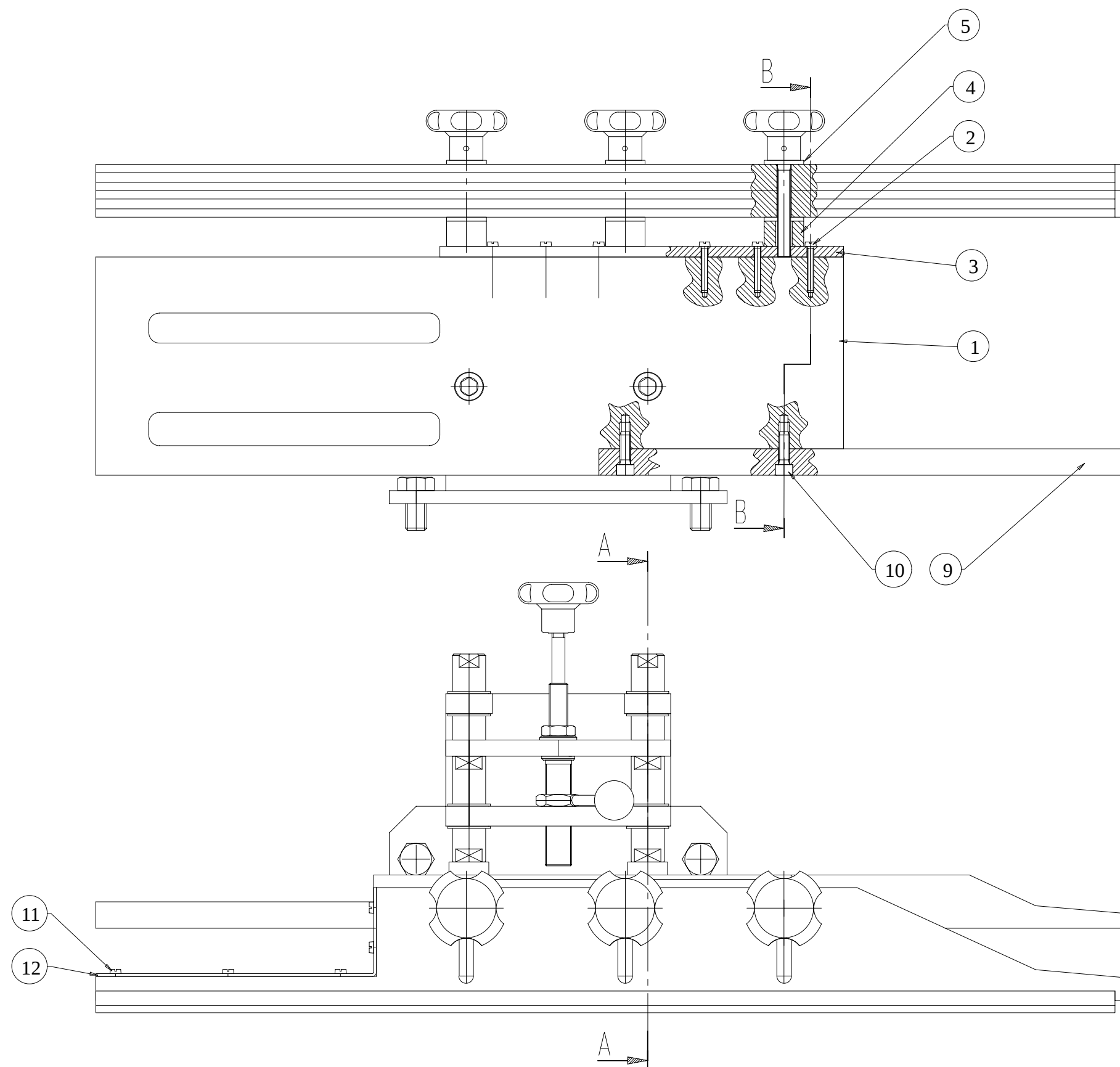




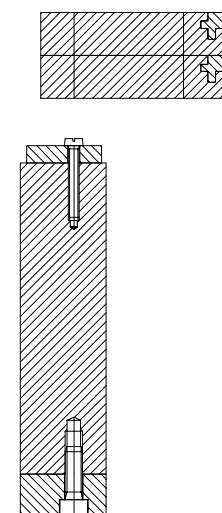
RAA415 * 463C * EUROSTAR

PART LIST
XR02PP028Z**DESIGNATION**
INLET WORMSC.COUNTERGUIDE**DRAWING 189117**

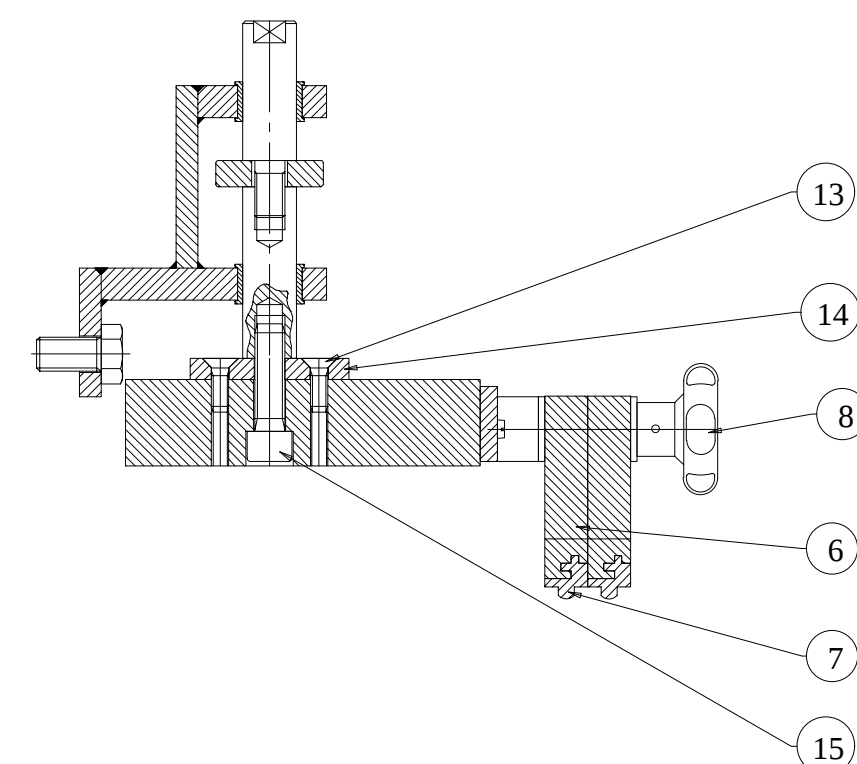
POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	294196/117	COUNTERGUIDE	1 N.			
2	HQZ680	SCREW	6 N.			
3	189262	REINFORCEMENT	1 N.			
4	372633/073	SPACER	3 N.			
5	005103/095	WASHER	6 N.			
6	321401	TAB	1 N.			
7	GZC114	PROFILE	2 MT			
8	372653/019	HANDLE	3 N.			
9	185240	TAB	1 N.			
10	HME124	SCREW	2 N.			
11	HQZ080	SCREW	10 N.			
12	185931	SHEET	2 N.			
13	HNS024	SCREW	4 N.			
14	185155	PLATE	2 N.			
15	HMH136	SCREW	2 N.			



B-B



A-A





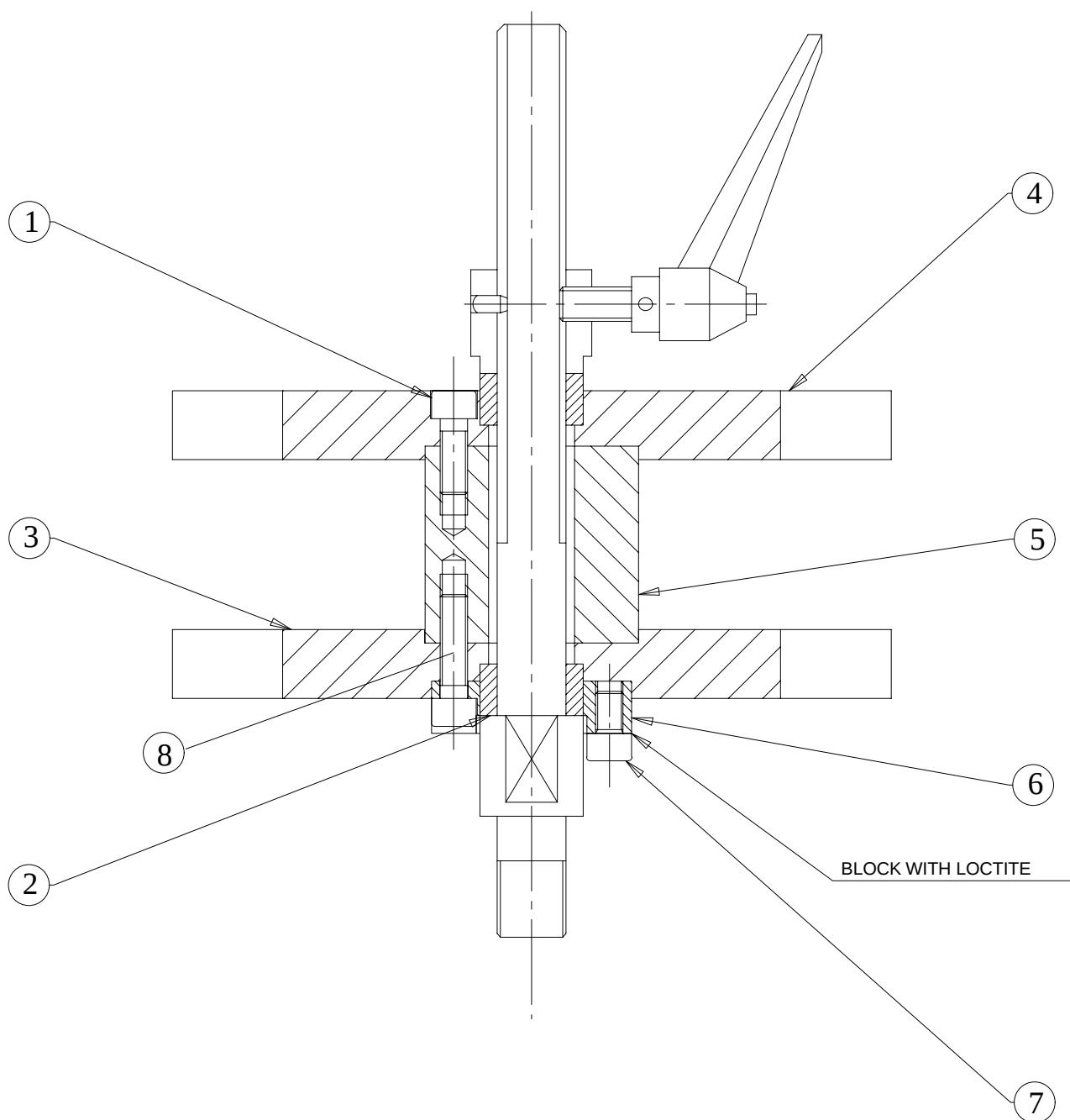
RAA415 * 463C * EUROSTAR

PART LIST
XR05PP030B

DESIGNATION
BOTTLE STOP STARWHEEL

DRAWING 349622

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	HME124	SCREW	3 N.			
2	184712	BUSHING	2 N.			
3	329702/056	STARWHEEL	1 N.			
4	329705/064	STARWHEEL	1 N.			
5	372645/006	SPACER	1 N.			
6	250368/002	DISK	1 N.			
7	HME112	SCREW	3 N.			
8	HME126	SCREW	3 N.			

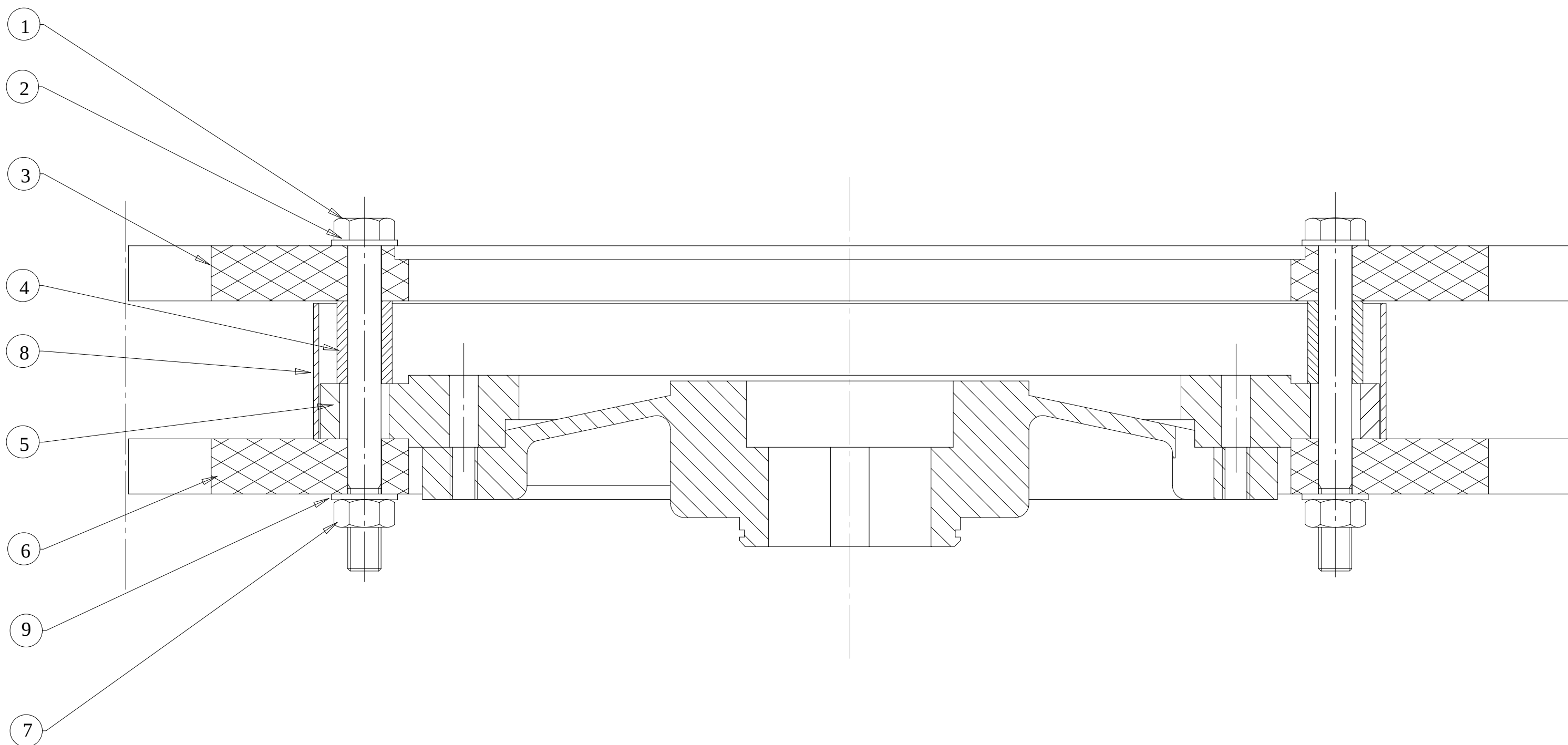




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PART LIST
XR06PP020J**DESIGNATION**
STARWHEEL**DRAWING 172675**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	9090D012X220	ADJUSTMENT SCREW	5 N.			
2	HRU012	WASHER	5 N.			
3	445096	STARWHEEL	1 N.			
4	372633/052	SPACER	5 N.			
5	183972/002	HUB	1 N.			
6	445097	STARWHEEL	1 N.			
7	HRP012	NUT	5 N.			
8	292793/206	CYLINDER	1 N.			
9	HRU012	WASHER	5 N.			

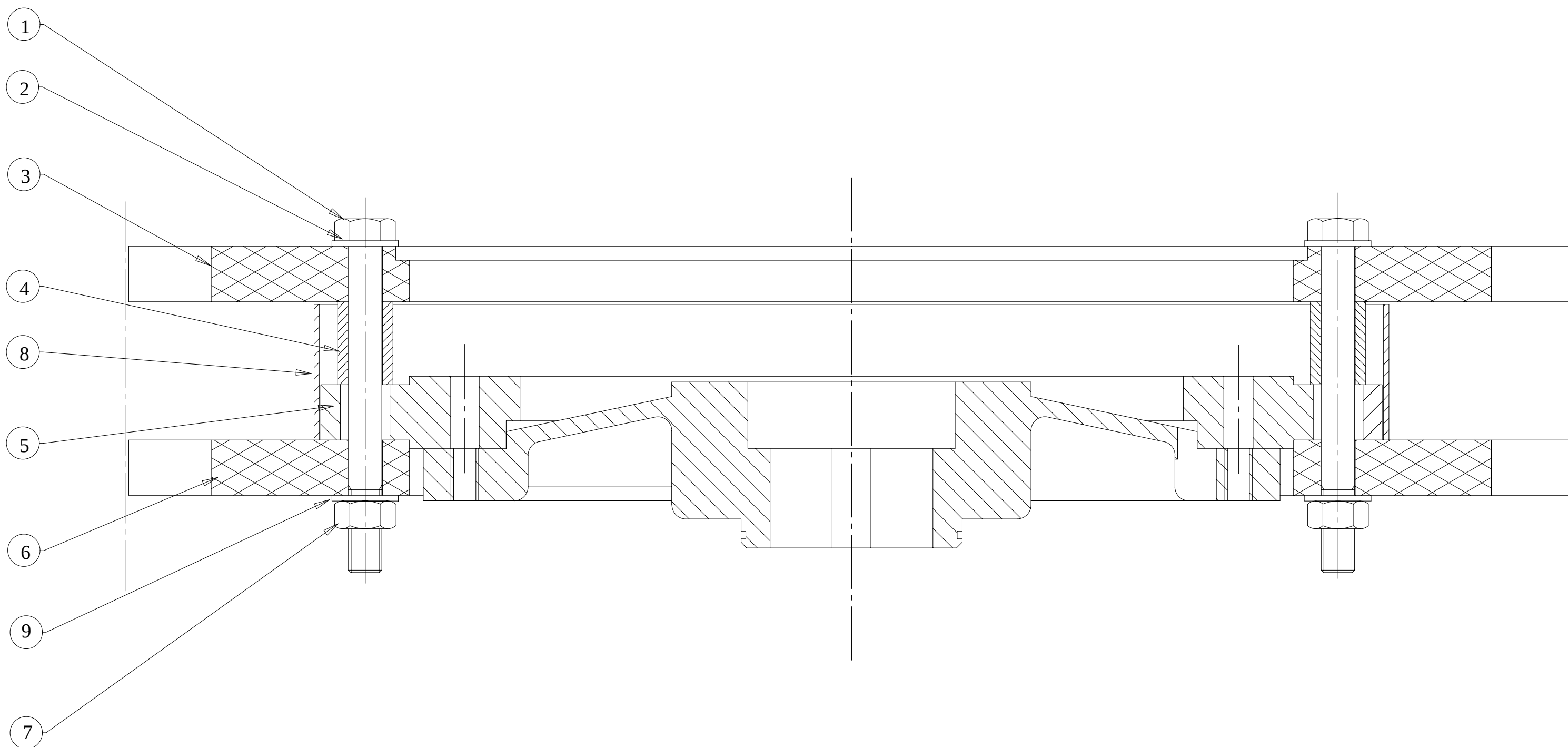




RAA415 * 463C * EUROSTAR

PART LIST
XR09PP023F**DESIGNATION**
STARWHEEL**DRAWING 172675**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	9090D012X220	ADJUSTMENT SCREW	6 N.			
2	HRU012	WASHER	6 N.			
3	445098	STARWHEEL	1 N.			
4	372633/052	SPACER	6 N.			
5	183972/003	HUB	1 N.			
6	445099	STARWHEEL	1 N.			
7	HRP012	NUT	6 N.			
8	292793/207	CYLINDER	1 N.			
9	HRU012	WASHER	6 N.			

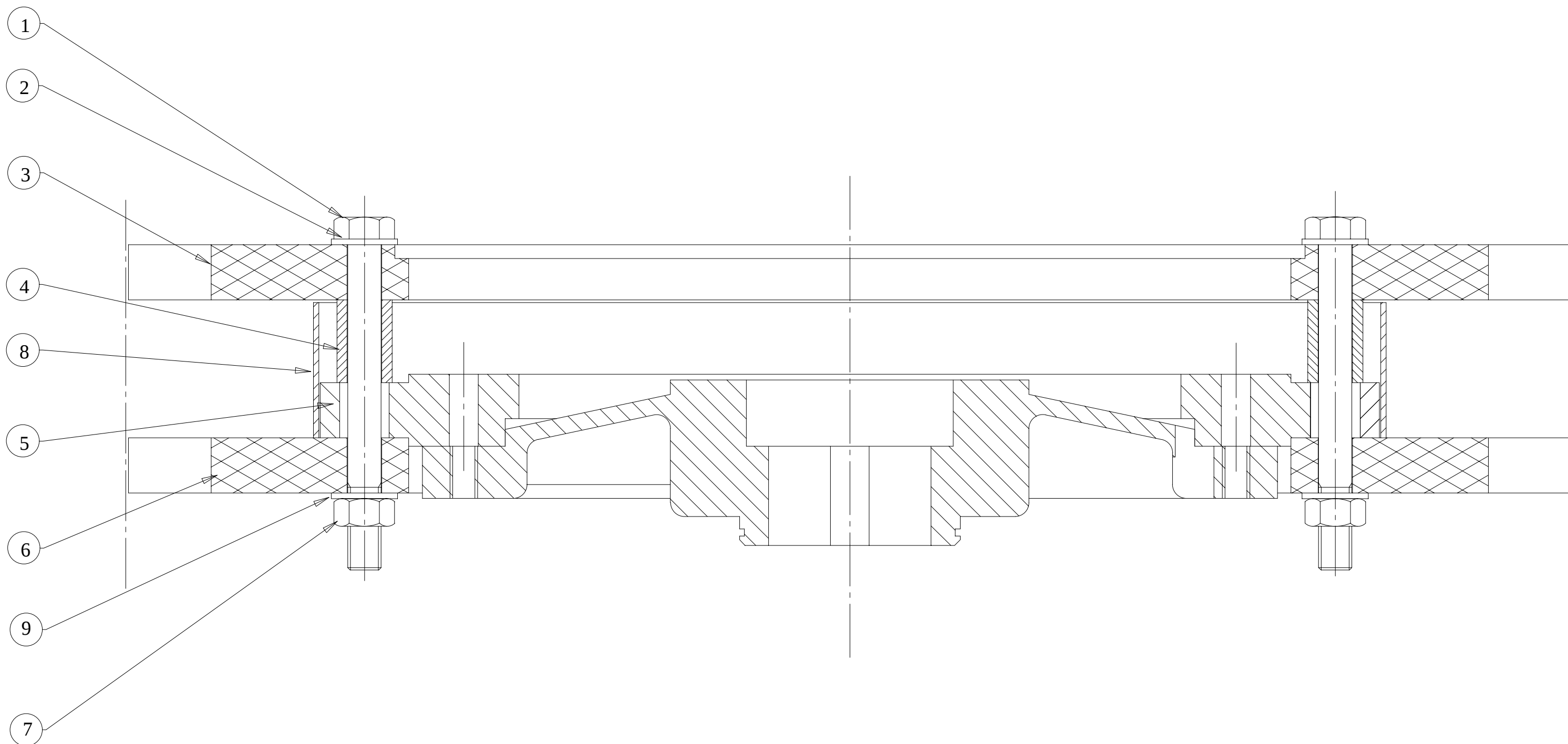




RAA415 * 463C * EUROSTAR

PART LIST
XR09PP023F**DESIGNATION**
STARWHEEL**DRAWING 172675**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	9090D012X220	ADJUSTMENT SCREW	6 N.			
2	HRU012	WASHER	6 N.			
3	445098	STARWHEEL	1 N.			
4	372633/052	SPACER	6 N.			
5	183972/003	HUB	1 N.			
6	445099	STARWHEEL	1 N.			
7	HRP012	NUT	6 N.			
8	292793/207	CYLINDER	1 N.			
9	HRU012	WASHER	6 N.			



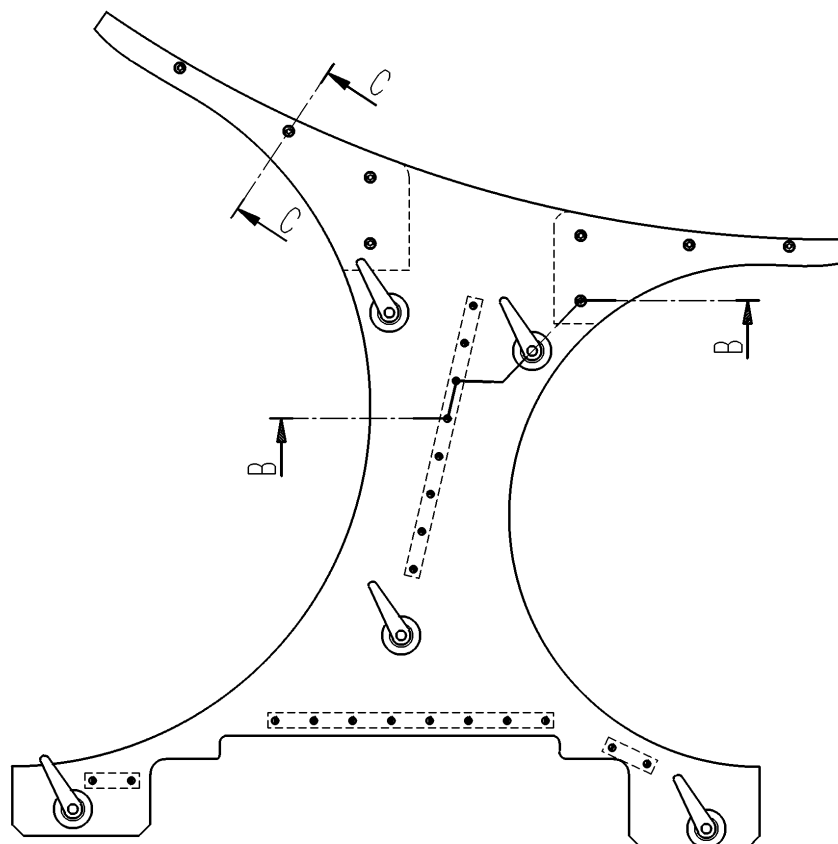
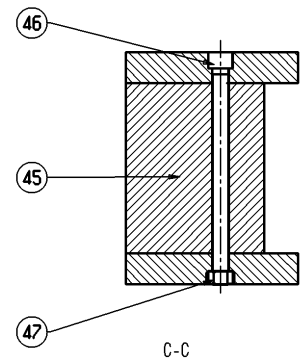
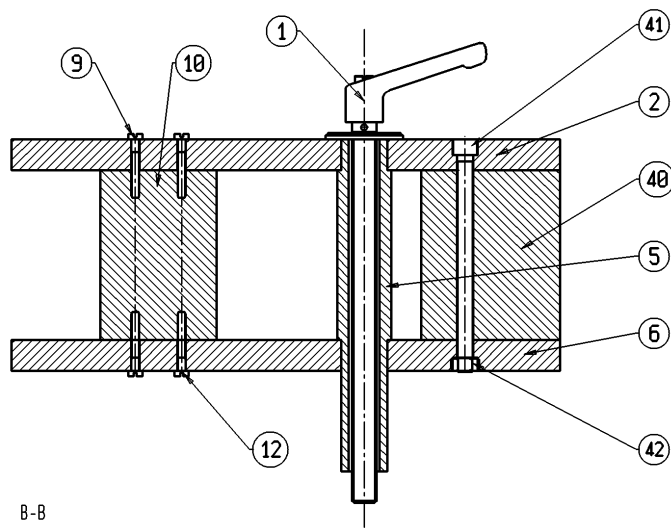


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PART LIST
XR12PP024B**DESIGNATION**
GUIDE

DRAWING 382871

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/002	HANDLE	4 N.	S		
2	80PR001H00	GUIDE	1 N.			
5	372641/049	SPACER	4 N.			
6	80PR001G91	GUIDE	1 N.			
9	HQZ680	SCREW	16 N.			
10	350056/054	SPACER	1 N.			
10	350056/361	SPACER	1 N.			
10	350056/255	SPACER	1 N.			
12	HQZ680	SCREW	16 N.			
40	80PR001H08	TAB	1 N.			
41	HMD999	SCREW	5 N.			
42	HRP006	NUT	5 N.			
45	446588	TAB	1 N.			
46	HMD999	SCREW	4 N.			
47	HRP006	NUT	4 N.			



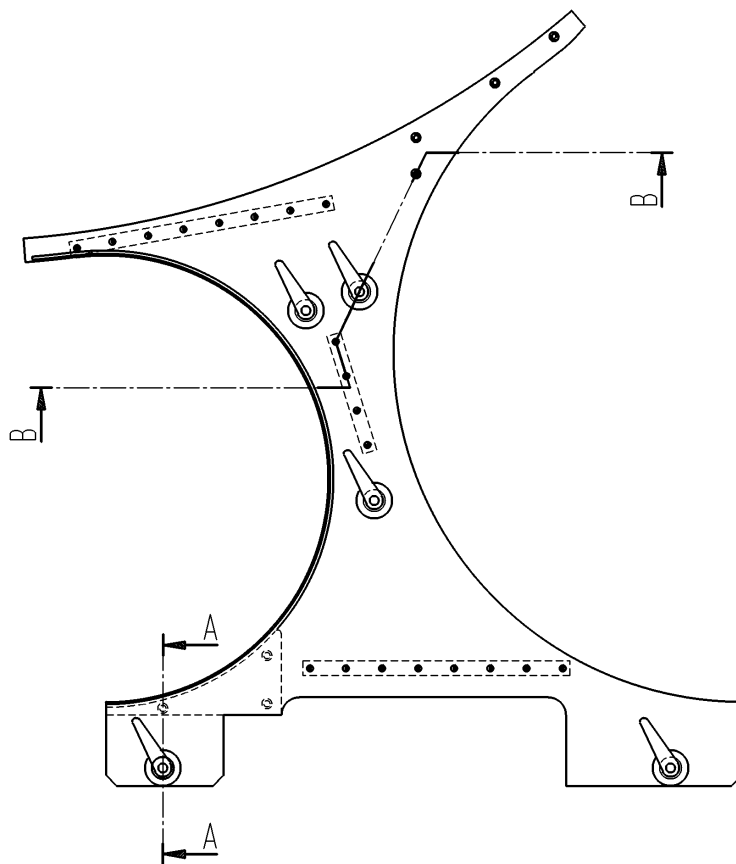
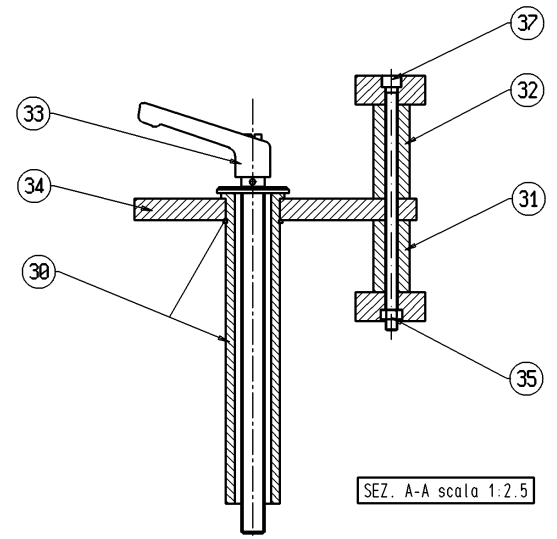
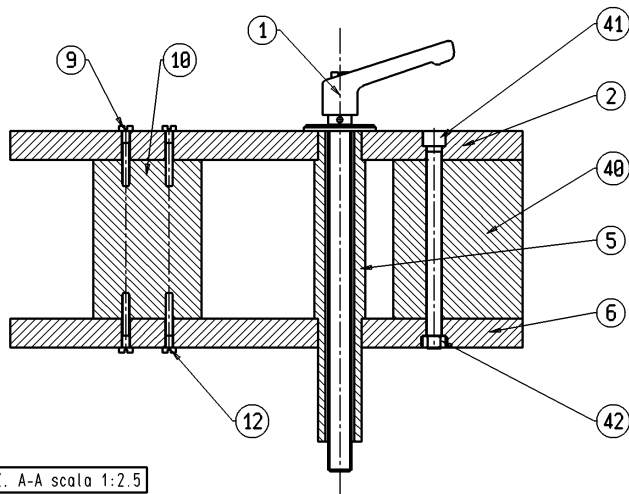


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PART LIST
XR12PP024A**DESIGNATION**
GUIDE

DRAWING 446379

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/002	HANDLE	4 N.	S		
2	80PR001G75	GUIDE	1 N.			
5	372641/049	SPACER	4 N.			
6	80PR001G67	GUIDE	1 N.			
9	HQZ680	SCREW	24 N.			
10	350056/052	SPACER	1 N.			
10	350056/361	SPACER	1 N.			
10	350056/362	SPACER	1 N.			
10	350056/254	SPACER	1 N.			
12	HQZ680	SCREW	24 N.			
30	HZF030	EXTERNAL RETAINING RING	1 N.			
30	372637/020	STUD	1 N.			
31	372633/061	SPACER	3 N.			
32	372633/051	SPACER	3 N.			
33	372654/047	HANDLE	1 N.			
34	182629	PLATE	1 N.			
35	HRP008	NUT	3 N.			
37	HME169	SCREW	3 N.			
40	80PR001G83	TAB	1 N.			
41	HME169	SCREW	5 N.			
42	HRP008	NUT	5 N.			



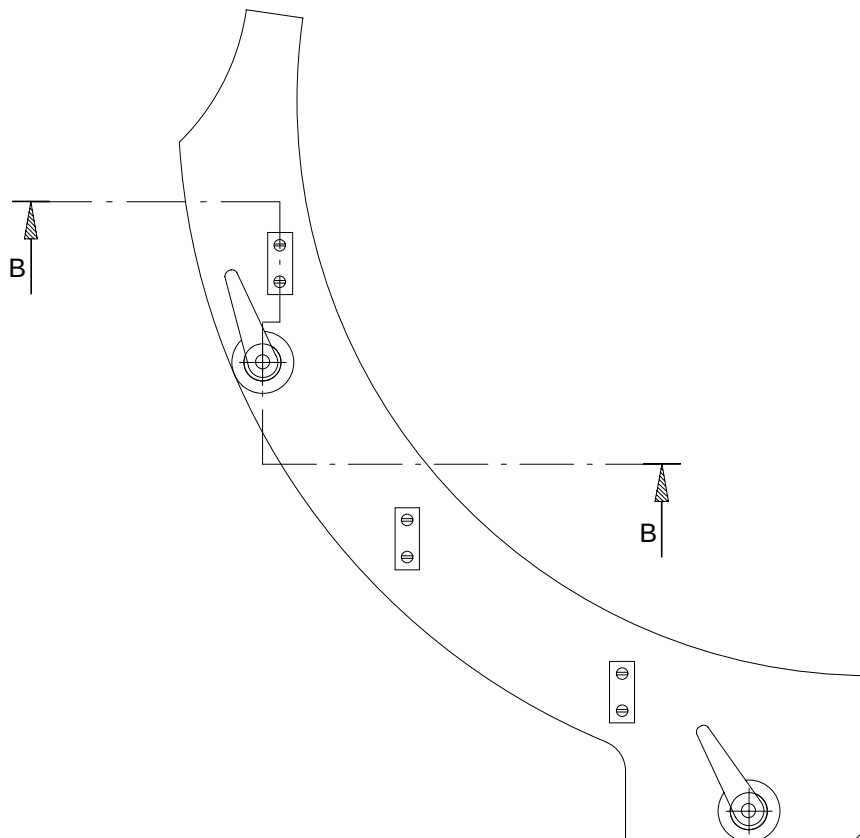
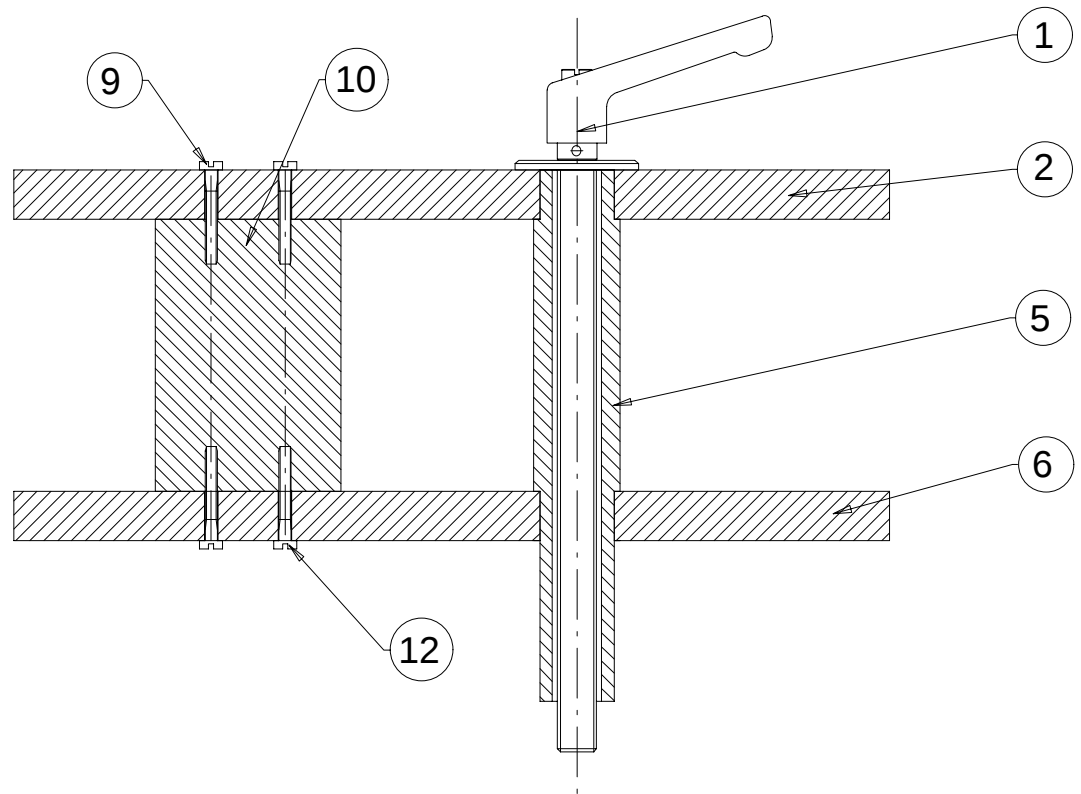


RAA415 * 463C * EUROSTAR

PART LIST
XR20PP006L**DESIGNATION**
GUIDE*DRAWING 382888*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/029	HANDLE	2 N.	S		
2	80PR001H16	GUIDE	1 N.			
5	372641/042	SPACER	2 N.			
6	80PR001H24	GUIDE	1 N.			
9	HQZ680	SCREW	14 N.			
10	350056/100	SPACER	3 N.			
10	350056/098	SPACER	1 N.			
12	HQZ680	SCREW	14 N.			

B-B

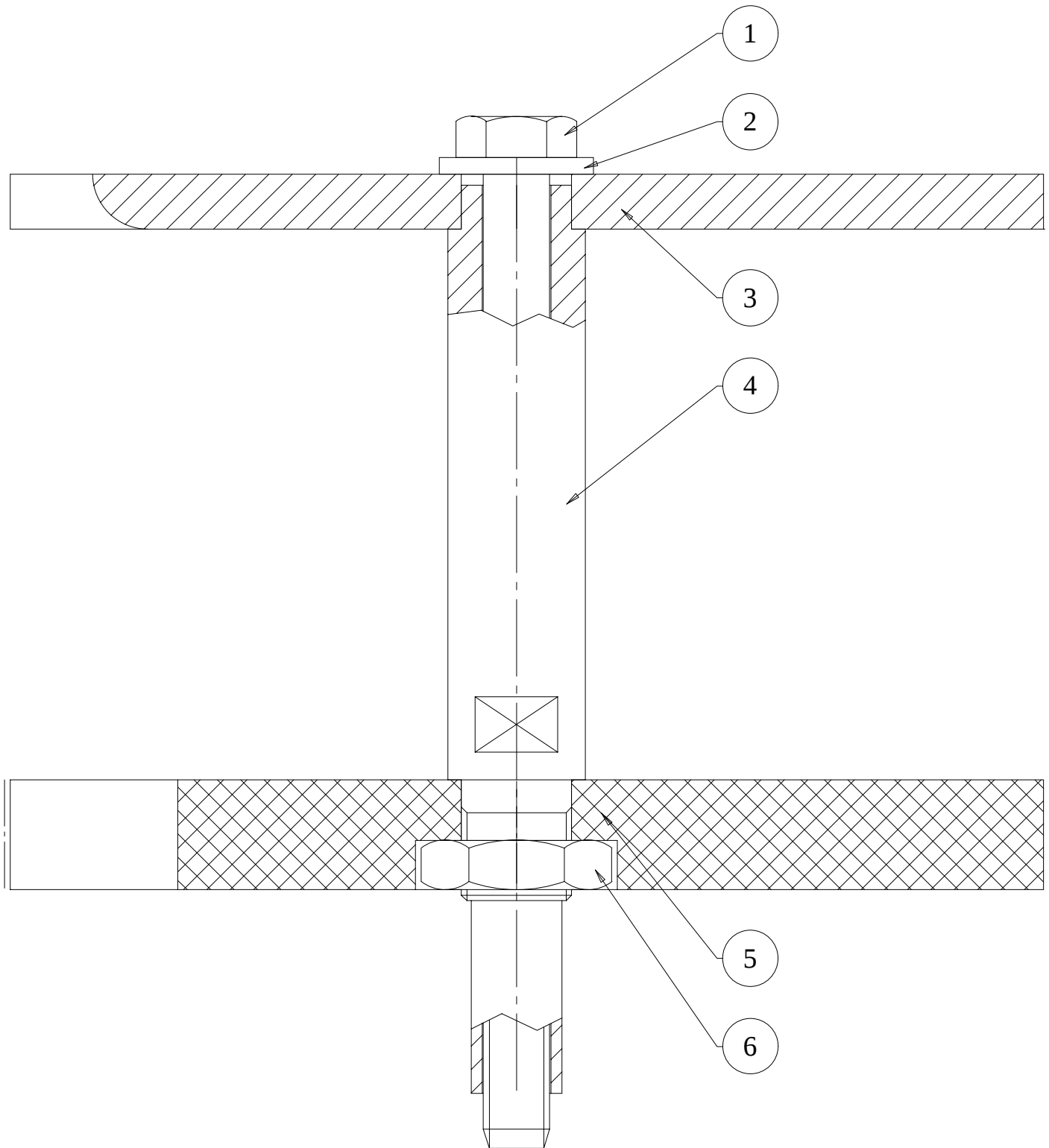




RAA415 * 463C * EUROSTAR

PART LIST
XR22PP014A**DESIGNATION**
STARWHEEL*DRAWING 177044*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	9090D012X240	ADJUSTMENT SCREW	6 N.			
2	005103/098	WASHER	6 N.			
3	329811/025	STARWHEEL	1 N.			
4	372642/026	SPACER	6 N.			
5	329809/074	STARWHEEL	1 N.			
6	HRP220	NUT	6 N.			



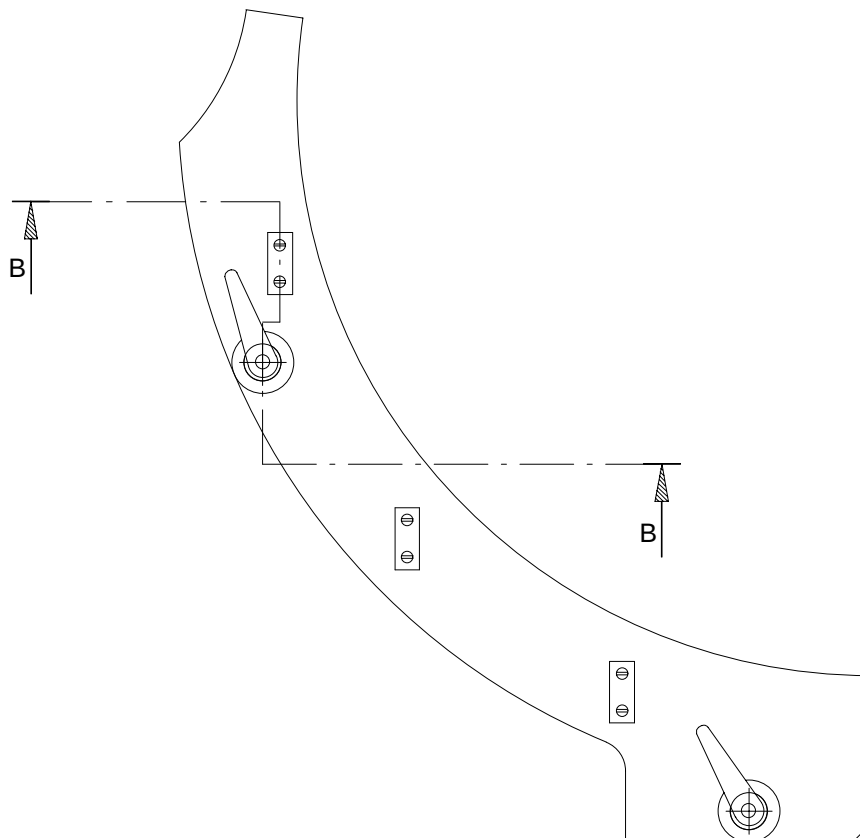
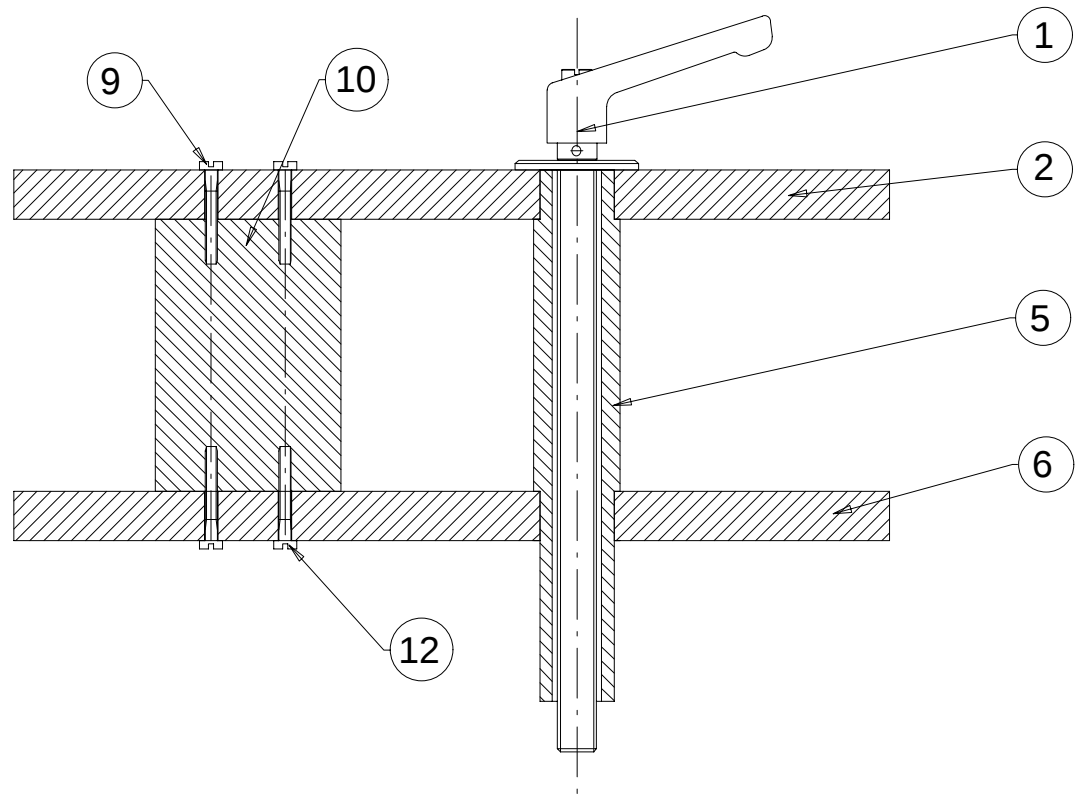


RAA415 * 463C * EUROSTAR

PART LIST
XR23PP012S**DESIGNATION**
GUIDES*DRAWING 382888*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/029	HANDLE	2 N.	S		
2	80PR001H48	GUIDE	1 N.			
5	372641/042	SPACER	2 N.			
6	80PR001H56	GUIDE	1 N.			
9	HQZ680	SCREW	11 N.			
10	350056/098	SPACER	1 N.			
10	350056/253	SPACER	3 N.			
12	HQZ680	SCREW	11 N.			

B-B



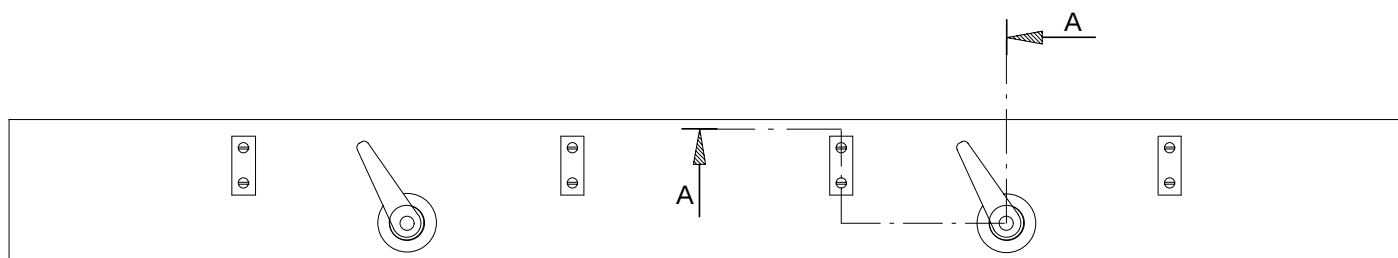
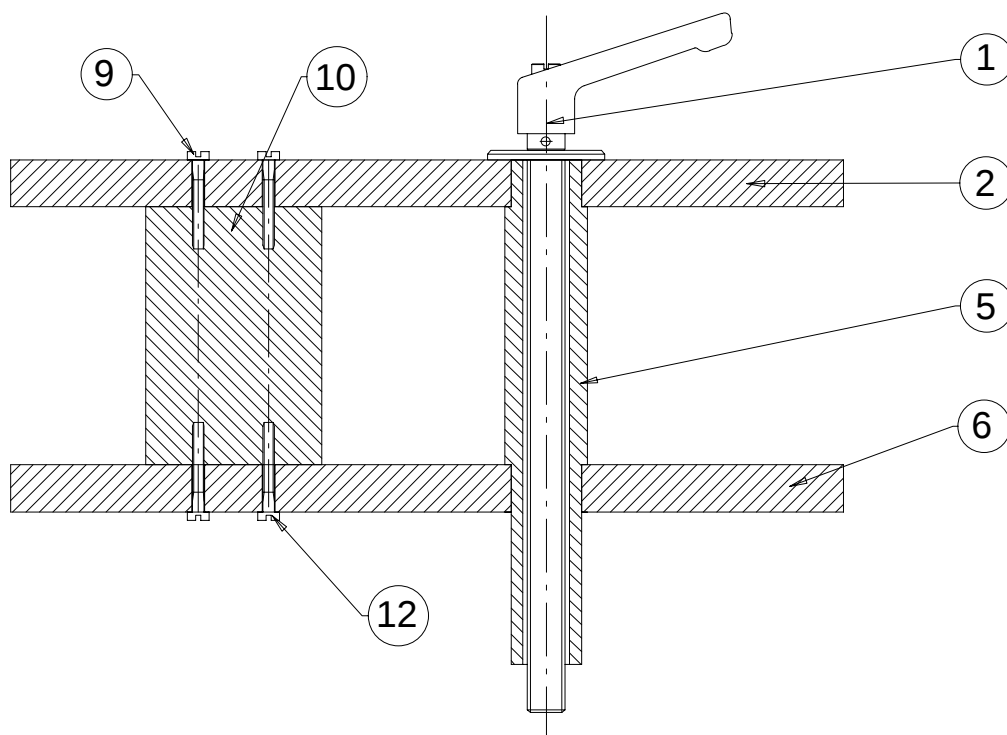


RAA415 * 463C * EUROSTAR

PART LIST
XR24PP008G**DESIGNATION**
GUIDES*DRAWING 382889*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/029	HANDLE	2 N.	S		
2	80PR001H64	GUIDE	1 N.			
5	372641/153	SPACER	2 N.			
6	80PR001H72	GUIDE	1 N.			
9	HQZ680	SCREW	6 N.			
10	350056/035	SPACER	3 N.			
12	HQZ100	SCREW	6 N.			

A-A



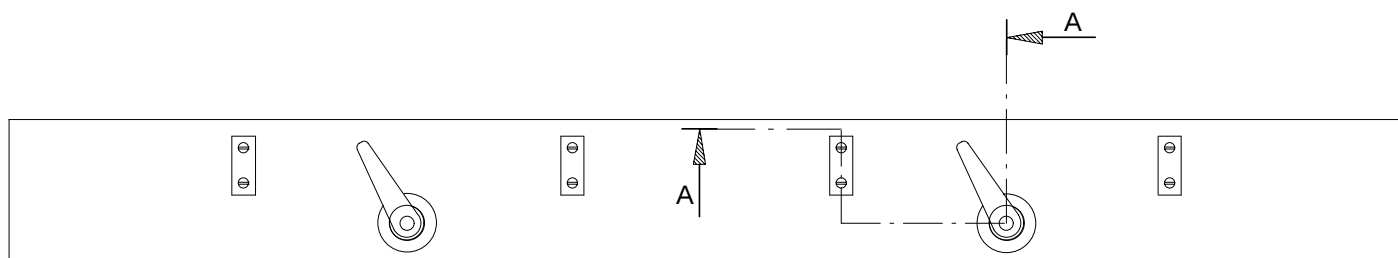
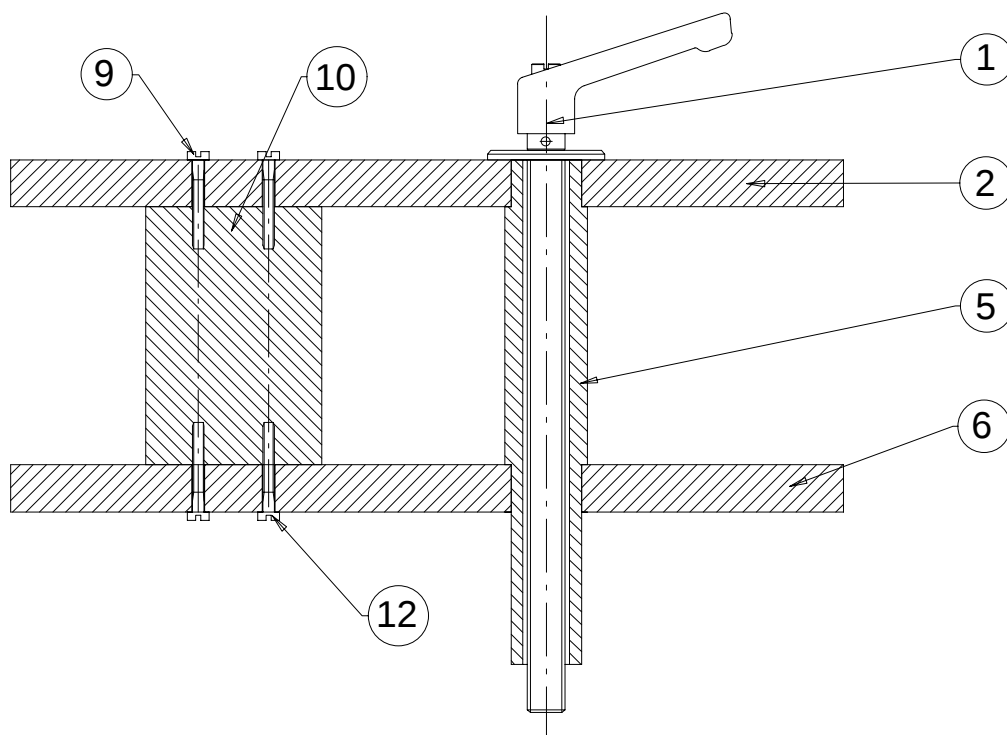


RAA415 * 463C * EUROSTAR

PART LIST
XR25PP006Z**DESIGNATION**
GUIDES*DRAWING 382889*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/002	HANDLE	2 N.	S		
2	80PR001H80	GUIDE	1 N.			
5	372641/049	SPACER	2 N.			
6	80PR001H88	GUIDE	1 N.			
9	HQZ680	SCREW	15 N.			
10	350056/052	SPACER	2 N.			
10	350056/363	SPACER	1 N.			
12	HQZ680	SCREW	15 N.			

A-A



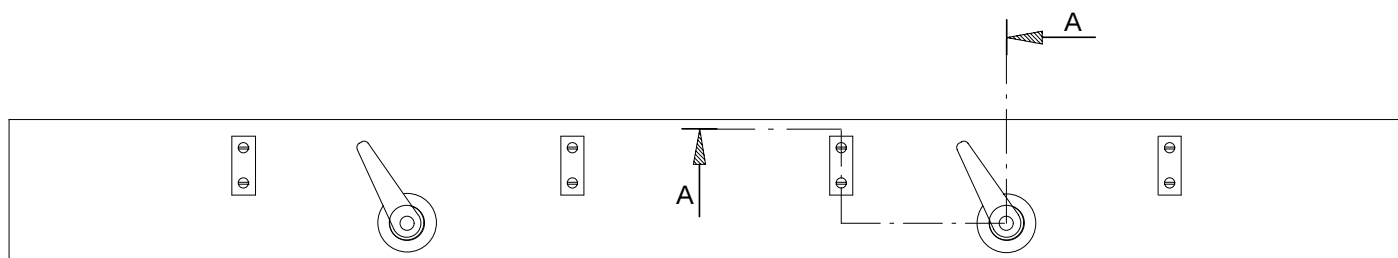
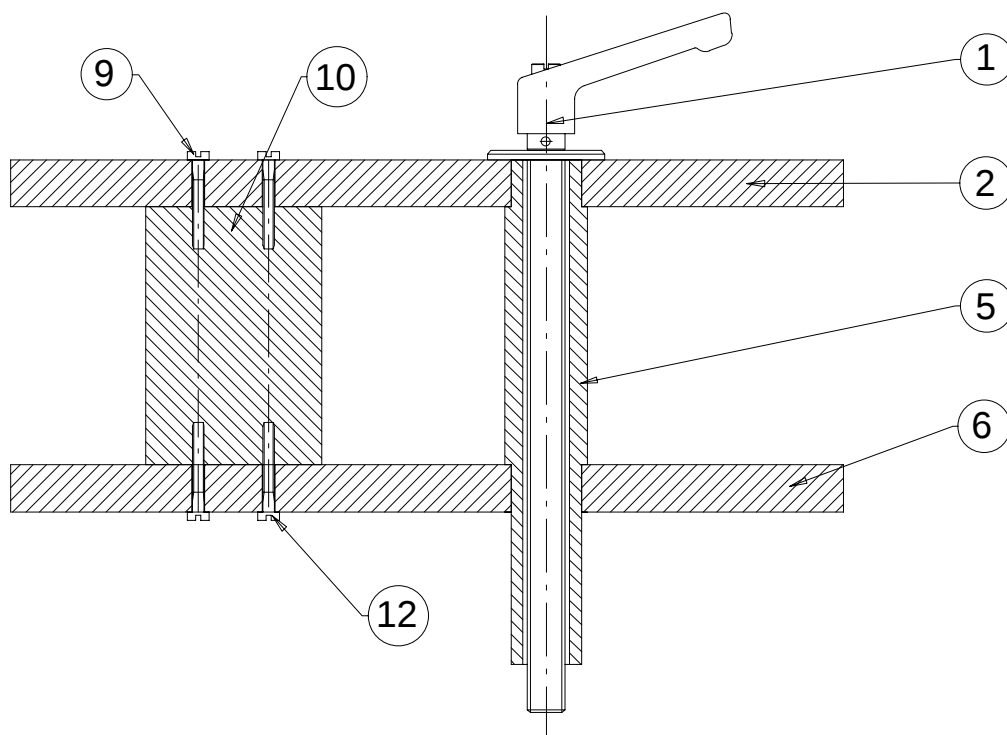


RAA415 * 463C * EUROSTAR

PART LIST
XR26PP038C**DESIGNATION**
INTERNAL OUTLET GUIDE*DRAWING 382889*

<i>POS.</i>	<i>ITEM</i>	<i>DESIGNATION</i>	<i>Q.TY</i>	<i>S</i>	<i>R</i>	<i>K</i>
1	372654/002	HANDLE	2 N.	S		
2	80PR001H96	GUIDE	1 N.			
5	372641/049	SPACER	2 N.			
6	80PR001I04	GUIDE	1 N.			
9	HQZ680	SCREW	4 N.			
10	350056/052	SPACER	2 N.			
12	HQZ680	SCREW	4 N.			

A-A



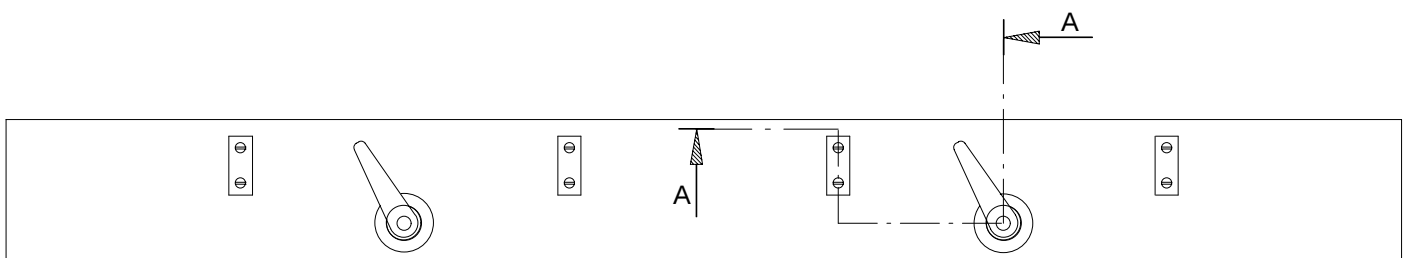
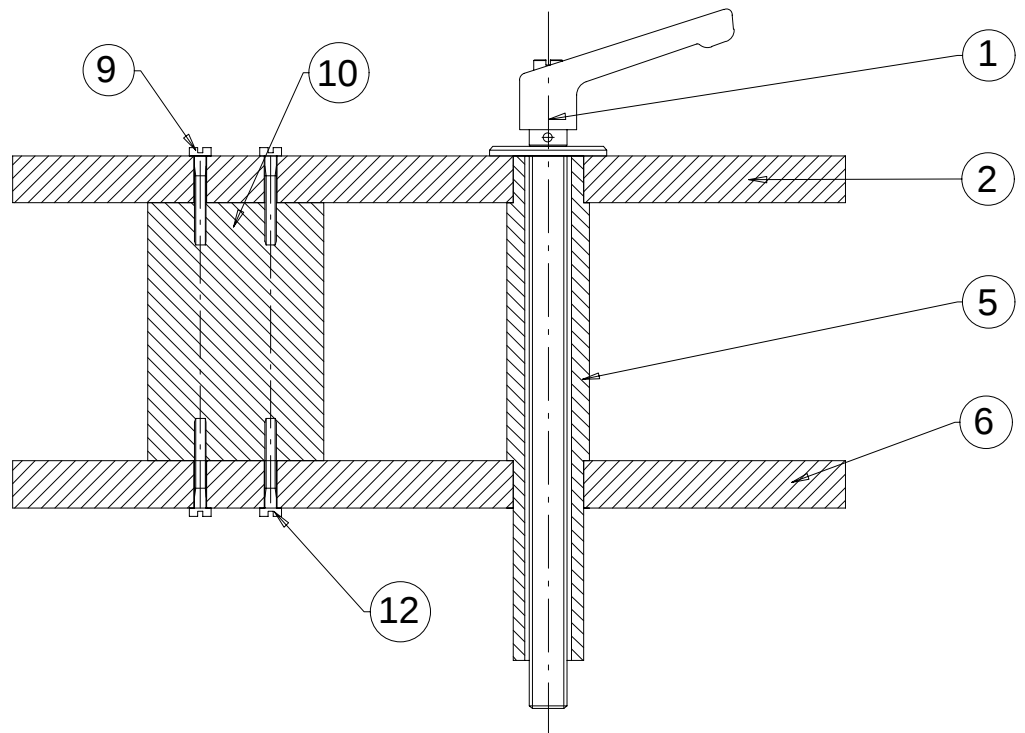


RAA415 * 463C * EUROSTAR

PART LIST
XR27PP024N**DESIGNATION**
EXTERNAL OUTLET GUIDE*DRAWING 382889*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/002	HANDLE	2 N.	S		
2	80PR001I12	GUIDE	1 N.			
5	372641/049	SPACER	2 N.			
6	80PR001I20	GUIDE	1 N.			
9	HQZ680	SCREW	10 N.			
10	350056/054	SPACER	1 N.			
10	350056/052	SPACER	1 N.			
10	350056/051	SPACER	1 N.			
12	HQZ680	SCREW	10 N.			

A-A



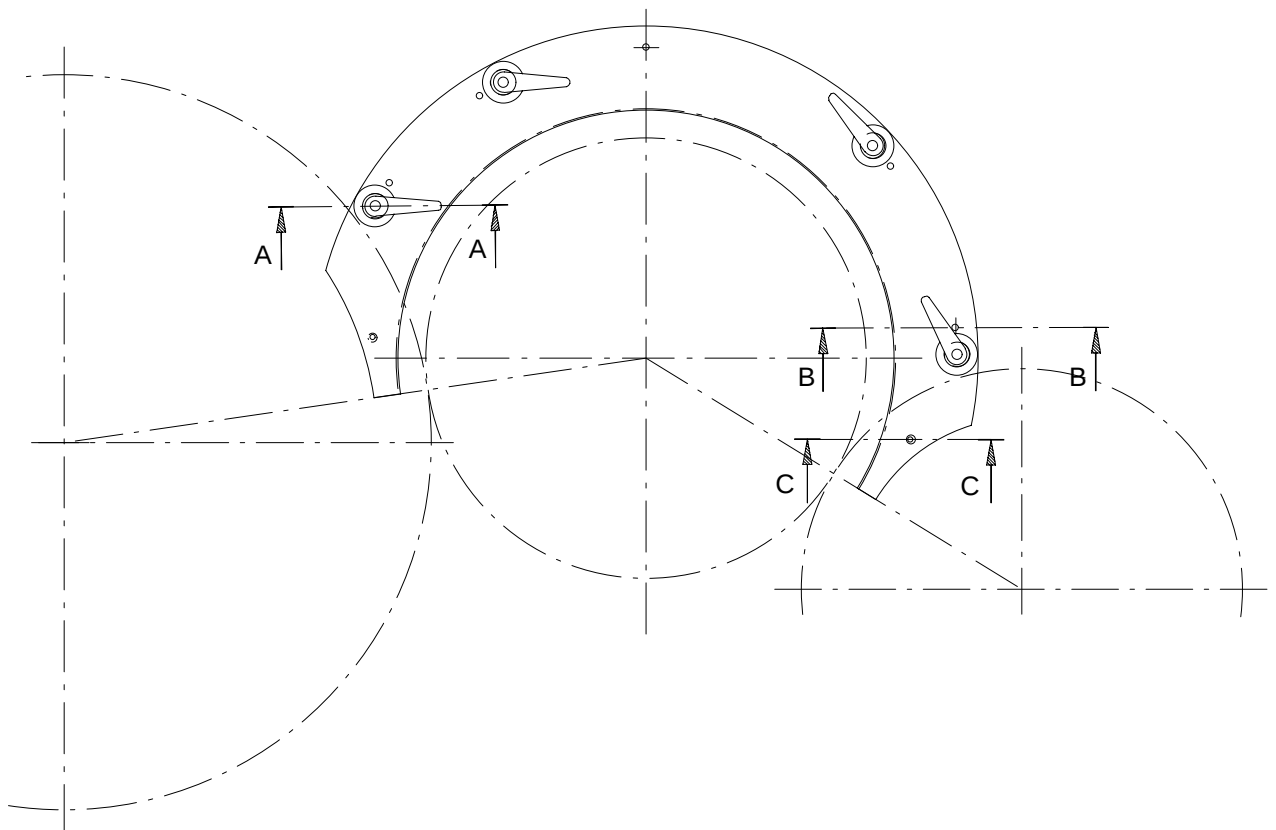
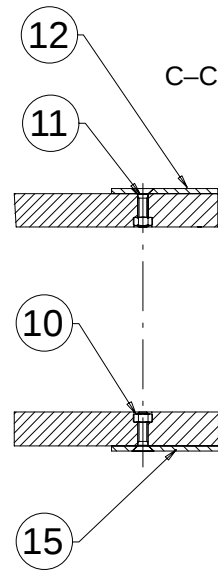
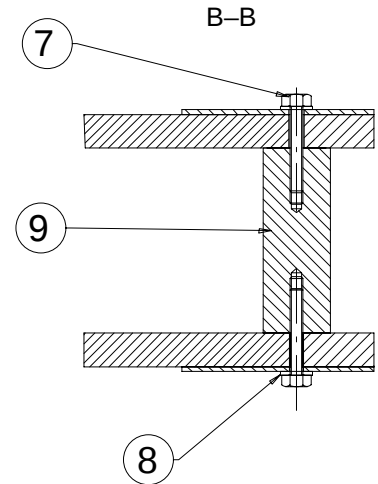
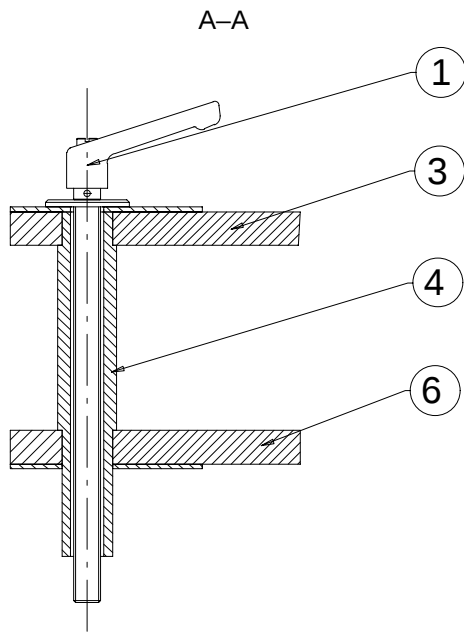


RAA415 * 463C * EUROSTAR

PART LIST
XR29PP019Z**DESIGNATION**
GUIDE

DRAWING 382890

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/029	HANDLE	4 N.	S		
3	80PR001H32	GUIDE	1 N.			
4	372641/153	SPACER	4 N.			
6	80PR001H40	GUIDE	1 N.			
7	HLE030	SCREW	10 N.			
8	HRU108	SPRINGWASHER	10 N.			
9	372639/085	COLUMN	5 N.			
10	HRP006	NUT	4 N.			
11	HNR020	SCREW	2 N.			
11	HNR040	SCREW	2 N.			
12	189596	SHEET	1 N.			
15	189598	SHEET	1 N.			

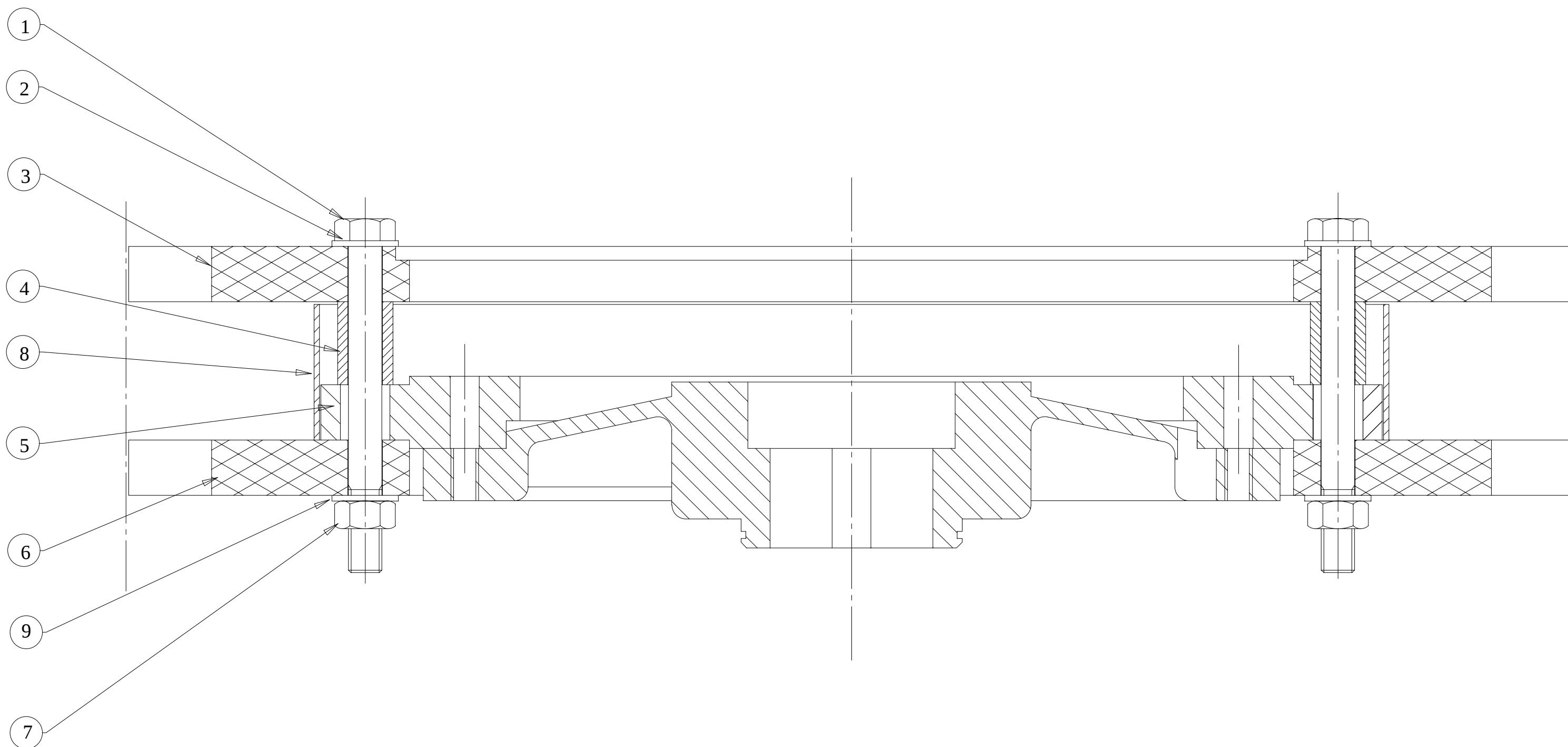




RAA415 * 463C * EUROSTAR

PART LIST
XR38PP026D**DESIGNATION**
STARWHEEL**DRAWING 172675**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	9090D012X220	ADJUSTMENT SCREW	5 N.			
2	HRU012	WASHER	5 N.			
3	445100	STARWHEEL	1 N.			
4	372633/052	SPACER	5 N.			
5	183972/001	HUB	1 N.			
6	445101	STARWHEEL	1 N.			
7	HRP012	NUT	5 N.			
8	292793/180	CYLINDER	1 N.			
9	HRU012	WASHER	5 N.			

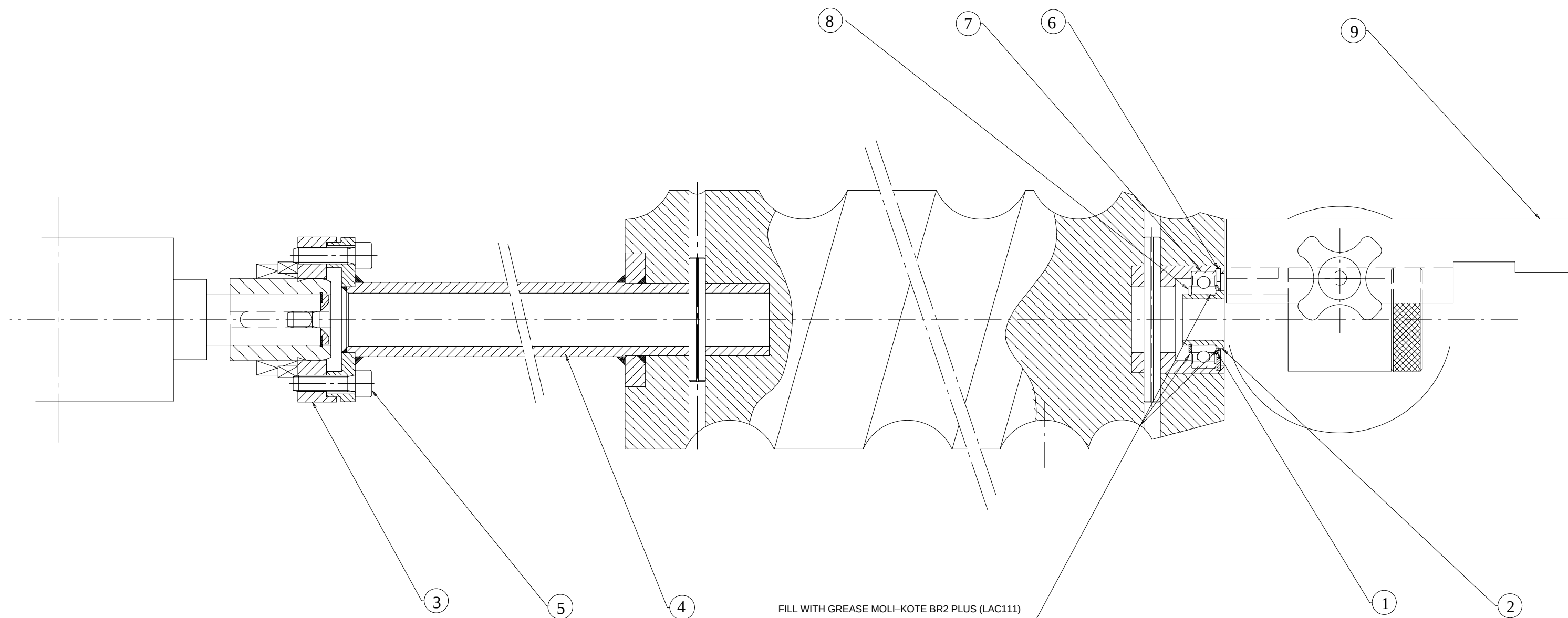




RAA415 * 463C * EUROSTAR

PART LIST
XR45PP0030**DESIGNATION**
WORMSCREW*DRAWING 247008*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	CHG450	RING	1 N.			
2	162213	FLANGE	1 N.			
3	162211	FLANGE	1 N.			
4	292866/331	WORMSCREW	1 N.			
5	HME126	SCREW	2 N.			
6	HZG047	INTERNAL RETAINING RING	1 N.			
7	CAA415	BEARING	1 N.		C	
8	HZC025	EXTERNAL RETAINING RING	1 N.			
9	330677/017	GUIDE	1 N.			

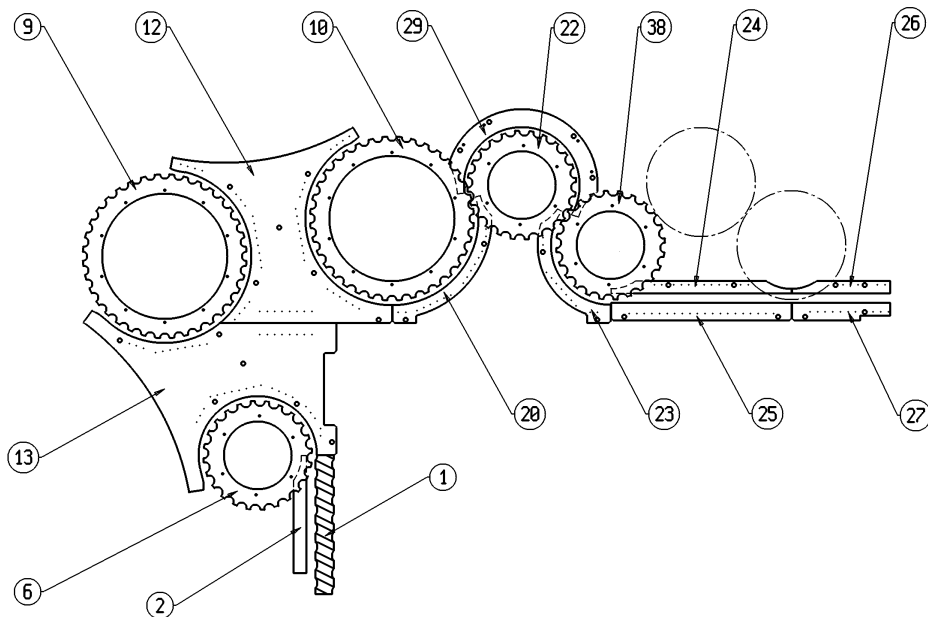




RAA415 * 463C * EUROSTAR

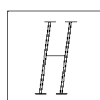
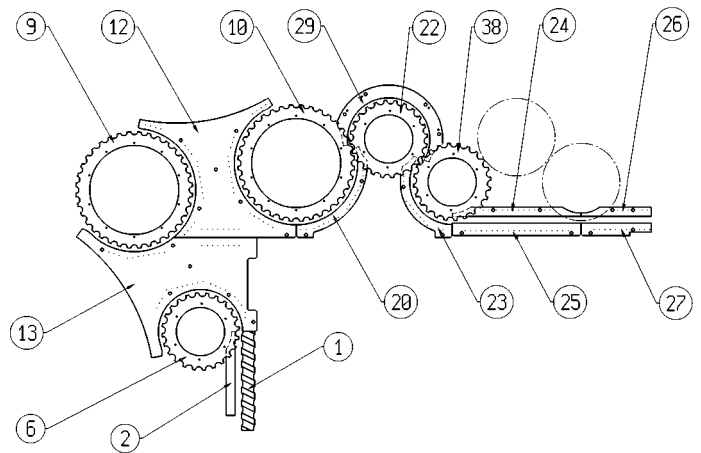
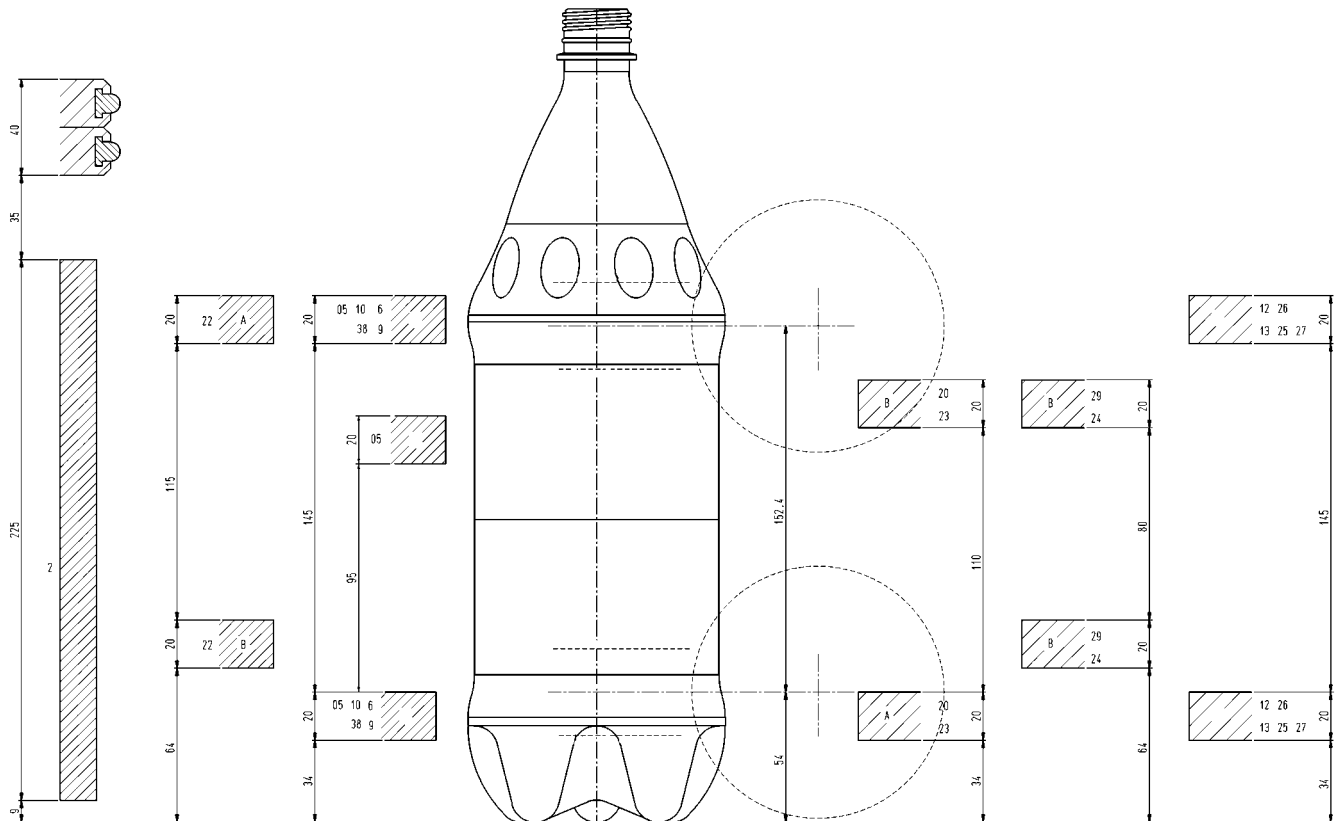
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X000HRAA415**DESIGNATION**
HANDLING PARTS*DRAWING 444428 444427 445577*

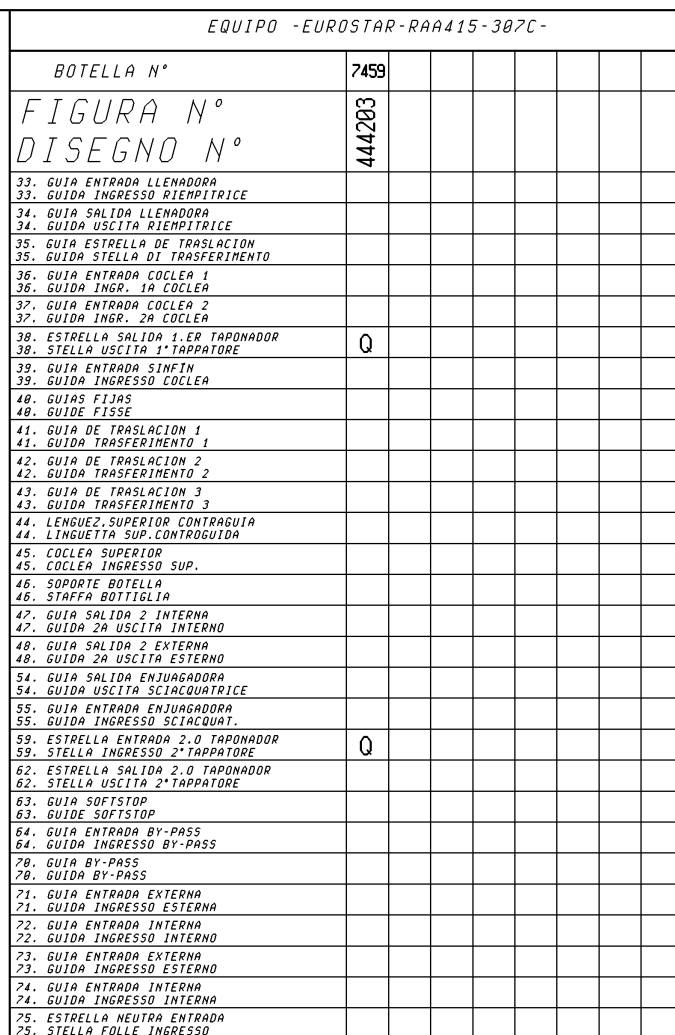
POS.	ITEM	DESIGNATION	Q.TY	S	R	K
6720	XR20PP006O	GUIDE	1 N.			
6722	XR22PP014D	STARWHEEL	1 N.			
6723	XR23PP012V	GUIDES	1 N.			
6724	XR24PP008J	GUIDES	1 N.			
6729	XR29PP020C	GUIDE	1 N.			



EQUIPO -EUROSTAR-RAA415-307C-								
BOTELLA N°	6982	6983	6984	7105	7106	6981	7463	7464
FIGURA N°	444423	444424	444425	444426	444427	444422	444467	444468
DISEÑO N°								
1. COCLEA ENTRADA	D	E	F	G	G	L	L	L
1. COCLEA INGRESSO	D	D	D	G	G	L	L	L
2. CONTRAGUIDA COCLEA								
2. CONTROGUIDA COCLEA								
3. COCLEA DE TRASLACION								
3. COCLEA TRASFERIMENTO								
4. CONTRAGUIDA COCLEA DE TRASL.								
4. CONTROGUIDA COCLEA TRASF.								
5. ESTRELLA PARADA BOTELLAS	D	E	F	G	G	L	L	L
5. STELLA ARRESTO BOTTIGLIE	D	E	F	G	G	L	M	N
6. ESTRELLA ENTRADA ENJUAGADORA								
6. STELLA INGRESSO SCIAQU.								
7. ESTRELLA SALIDA ENJUAGADORA								
7. STELLA USCITA SCIAQU.								
8. ESTRELLA DE TRASLACION								
8. STELLA DI TRASFERIMENTO								
9. ESTRELLA ENTRADA LLENADORA	D	E	F	G	G	L	L	N
9. STELLA INGRESSO RIEMPITRICE	D	E	F	G	G	L	L	N
10. ESTRELLA SALIDA LLENADORA								
10. STELLA USCITA RIEMPITRICE								
11. ESTRELLA BY-PASS								
11. STELLA BY-PASS								
12. GUIDA CENTRAL LLENADORA	D	E	F	G	G	L	L	L
12. GUIDA CENTRALE RIEMPITRICE	D	E	F	G	G	L	M	N
13. GUIDA CENTRAL ENJUAGADORA								
13. GUIDA CENTRALE SCIAQUATR.								
14. GUIDA ENTRADA TAPADORA								
14. GUIDA INGRESSO TAPPATORE								
15. GUIDA CENTRAL TAPADORA								
15. GUIDA CENTRALE TAPPATORE								
16. ESTRELLA TAPADORA								
16. STELLA TAPPATORE								
17. GUIDA EXTERNA TAPADORA CON CORREA								
17. GUIDA EXTERNA TAPP. CON CINGHIOLLO								
18. GUIDA EXTERNA TAPADORA								
18. GUIDA EXTERNA TAPPATORE								
19. GUIDA SALIDA TAPADORA								
19. GUIDA USCITA TAPPATORE								
20. GUIDA ENTRADA CAPSULADORA	D	E	F	G	H	L	M	N
20. GUIDA INGRESSO CAPSULATRICE								
21. GUIDA CENTRAL CAPSULADORA								
21. GUIDA CENTRALE CAPSULATRICE								
22. ESTRELLA CAPSULADORA	D	E	F	G	H	L	M	N
22. STELLA CAPSULATRICE	D	E	F	G	H	L	M	N
23. GUIDA SALIDA CAPSULADORA								
23. GUIDA USCITA CAPSULATRICE								
24. GUIDA SALIDA INT. INTERMEDIA	D	E	F	G	H	L	M	N
24. GUIDA USCITA INT. INTERMEDIA	D	E	F	G	G	L	M	N
25. GUIDA SALIDA EXT. INTERMEDIA								
25. GUIDA USCITA EXT. INTERMEDIA								
26. GUIDA SALIDA INTERNA	D	E	F	G	G	L	M	N
26. GUIDA USCITA INTERNA	D	E	F	G	G	L	M	N
27. GUIDA SALIDA EXTERNA								
27. GUIDA USCITA EXTERNA								
28. GUIDA CIRCULAR SALIDA								
28. GUIDA USCITA CIRCOLARE								
29. GUIDA EXTERNA CAPSULADORA	D	E	F	G	H	L	M	N
29. GUIDA EXTERNA CAPSULATRICE								
30. GUIDA BY-PASS ENJUAGADORA								
30. GUIDA BY-PASS SCIAQUATRICE								
31. ESTRELLA ENTRADA COCLEA 1								
31. STELLA INGR. 1A COCLEA								
32. ESTRELLA ENTRADA COCLEA 2								
32. STELLA INGR. 2A COCLEA								

EQUIPO -EUROSTAR-RAA415-307C-								
BOTELLA N°	6982	6983	6984	7105	7106	6981	7463	7464
FIGURA N°	444423	444424	444425	444426	444427	444422	444467	444468
DISEÑO N°								
33. GUIDA ENTRADA LLENADORA								
33. GUIDA INGRESSO RIEMPITRICE								
34. GUIDA SALIDA LLENADORA								
34. GUIDA USCITA RIEMPITRICE								
35. GUIDA ESTRELLA DE TRASLACION								
35. GUIDA STELLA DI TRASFERIMENTO								
36. GUIDA ENTRADA COCLEA 1								
36. GUIDA INGR. 1A COCLEA								
37. GUIDA ENTRADA COCLEA 2								
37. GUIDA INGR. 2A COCLEA								
38. ESTRELLA SALIDA 1.ER TAPONADOR	D	E	F	G	G	L	M	N
38. STELLA USCITA 1°TAPPATORE								
39. GUIDA ENTRADA SINFIN								
39. GUIDA INGRESSO COCLEA								
40. GUIDAS FIJAS								
40. GUIDE FISSE								
41. GUIDA DE TRASLACION 1								
41. GUIDA TRASFERIMENTO 1								
42. GUIDA DE TRASLACION 2								
42. GUIDA TRASFERIMENTO 2								
43. GUIDA DE TRASLACION 3								
43. GUIDA TRASFERIMENTO 3								
44. LENGÜETZ SUPERIOR CONTRAGUIDA								
44. LINGUETTA SUP. CONTROGUIDA								
45. COCLEA SUPERIOR	D	E	F	G	G			
45. COCLEA INGRESSO SUP.								
46. SOPORTE BOTELLA								
46. STAFFA BOTTIGLIA								
47. GUIDA SALIDA 2 INTERNA								
47. GUIDA 2A USCITA INTERNO								
48. GUIDA SALIDA 2 EXTERNA								
48. GUIDA 2A USCITA ESTERNO								
54. GUIDA SALIDA ENJUAGADORA								
54. GUIDA USCITA SCIAQUATRICE								
55. GUIDA ENTRADA ENJUAGADORA								
55. GUIDA INGRESSO SCIAQUATR.								
59. ESTRELLA ENTRADA 2.0 TAPONADOR								
59. STELLA INGRESSO 2°TAPPATORE								
62. ESTRELLA SALIDA 2.0 TAPONADOR								
62. STELLA USCITA 2°TAPPATORE								
63. GUIDA SOFTSTOP								
63. GUIDE SOFTSTOP								
64. GUIDA ENTRADA BY-PASS								
64. GUIDA INGRESSO BY-PASS								
70. GUIDA BY-PASS								
70. GUIDA BY-PASS								
71. GUIDA ENTRADA EXTERNA								
71. GUIDA INGRESSO EXTERNA								
72. GUIDA ENTRADA INTERNA								
72. GUIDA INGRESSO INTERNO								
73. GUIDA ENTRADA EXTERNA								
73. GUIDA INGRESSO ESTERNO								
74. GUIDA ENTRADA INTERNA								
74. GUIDA INGRESSO INTERNA								
75. ESTRELLA NEUTRA ENTRADA								
75. STELLA FOLLE INGRESSO								





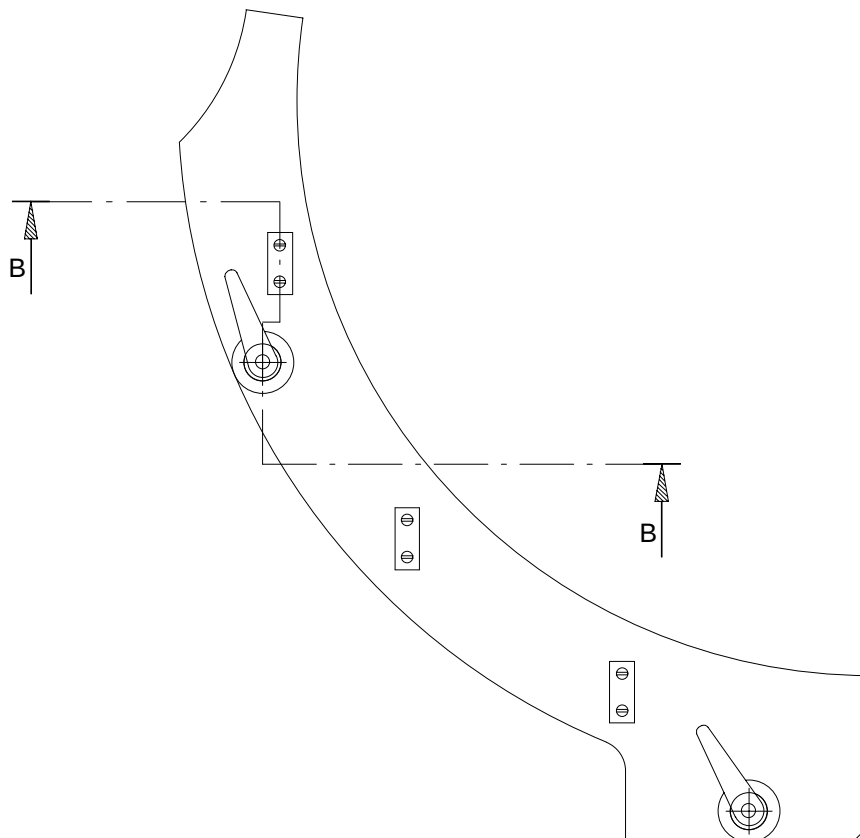
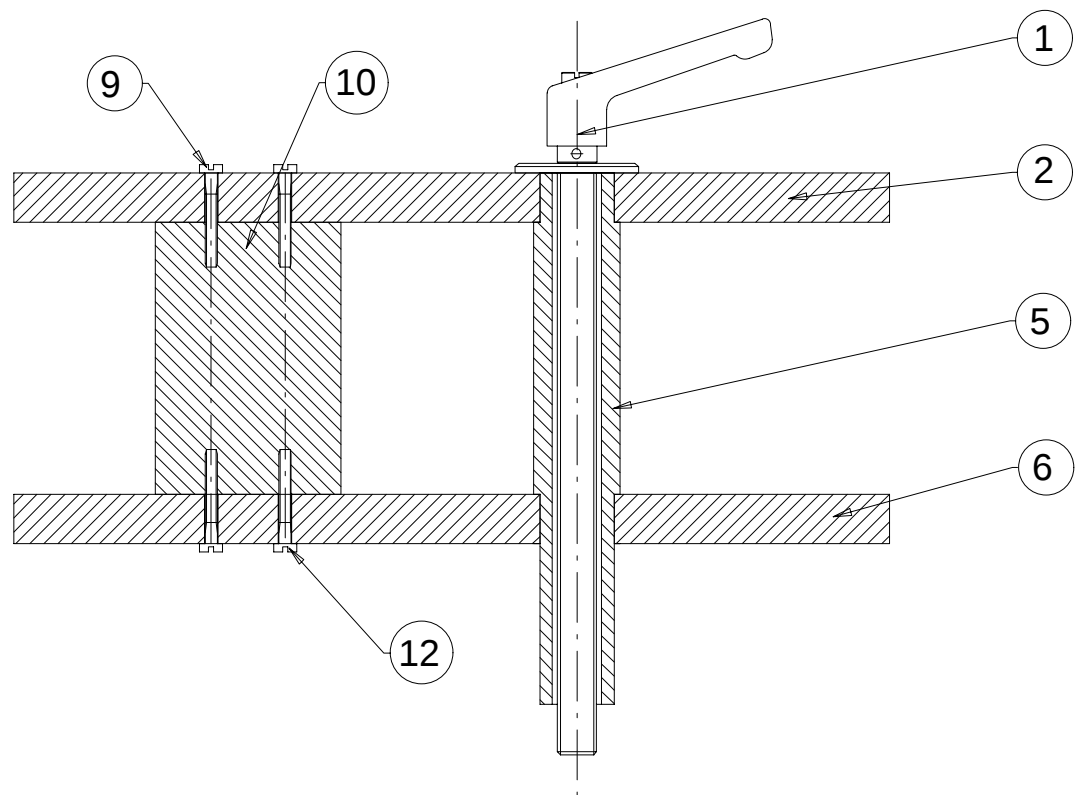


RAA415 * 463C * EUROSTAR

PART LIST
XR20PP006O**DESIGNATION**
GUIDE*DRAWING 382888*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/029	HANDLE	2 N.	S		
2	80PR001H17	GUIDE	1 N.			
5	372641/042	SPACER	2 N.			
6	80PR001H25	GUIDE	1 N.			
9	HQZ680	SCREW	14 N.			
10	350056/100	SPACER	3 N.			
10	350056/098	SPACER	1 N.			
12	HQZ680	SCREW	14 N.			

B-B

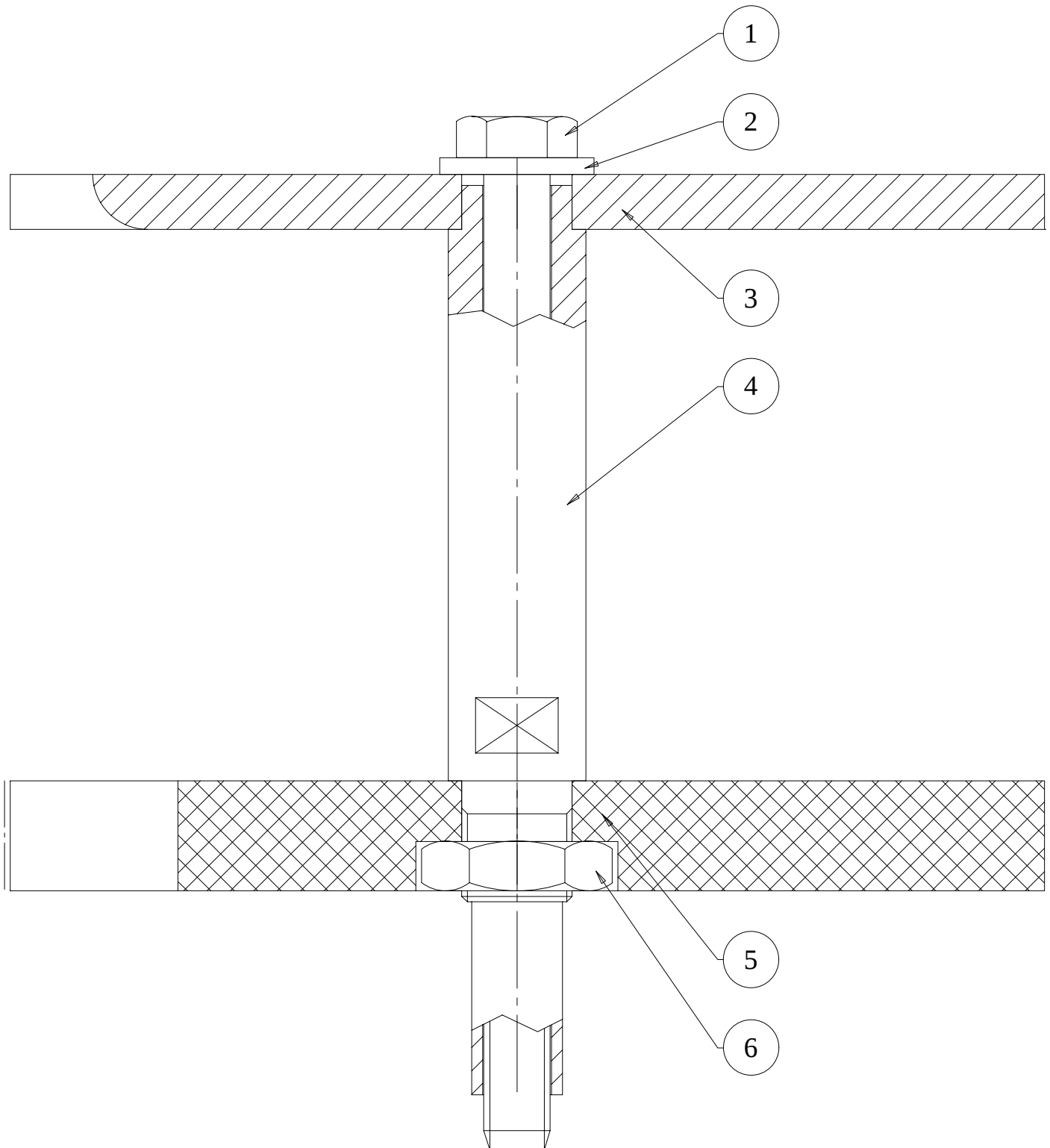




RAA415 * 463C * EUROSTAR

PART LIST
XR22PP014D**DESIGNATION**
STARWHEEL*DRAWING 177044*

<i>POS.</i>	<i>ITEM</i>	<i>DESIGNATION</i>	<i>Q.TY</i>	<i>S</i>	<i>R</i>	<i>K</i>
1	9090D012X240	ADJUSTMENT SCREW	6 N.			
2	005103/098	WASHER	6 N.			
3	329811/025	STARWHEEL	1 N.			
4	372642/027	SPACER	6 N.			
5	329809/075	STARWHEEL	1 N.			
6	HRP220	NUT	6 N.			



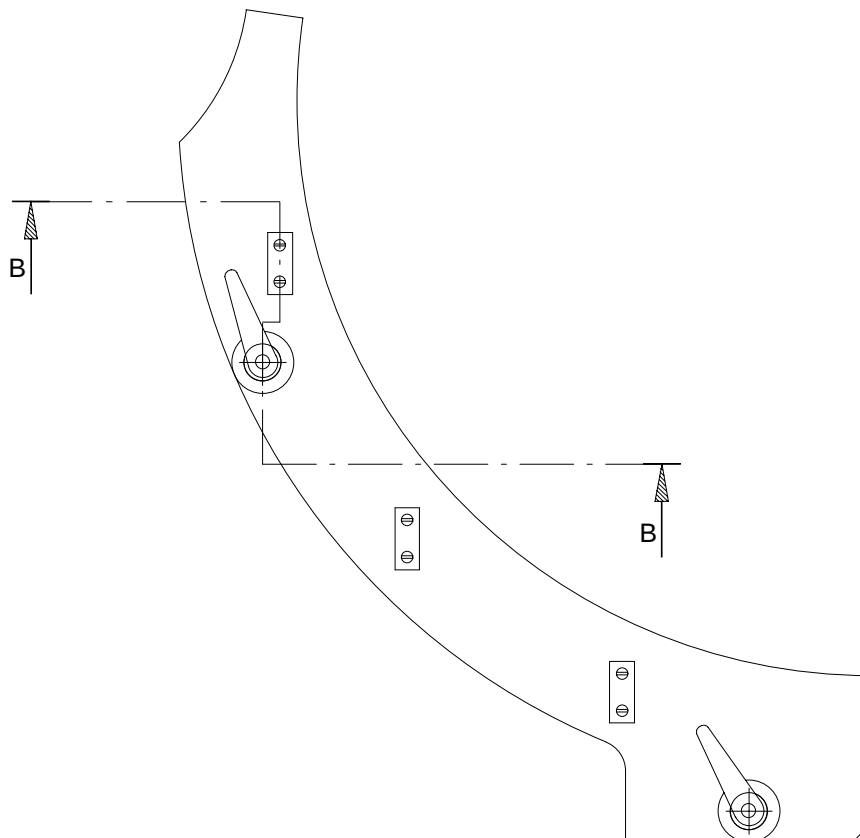
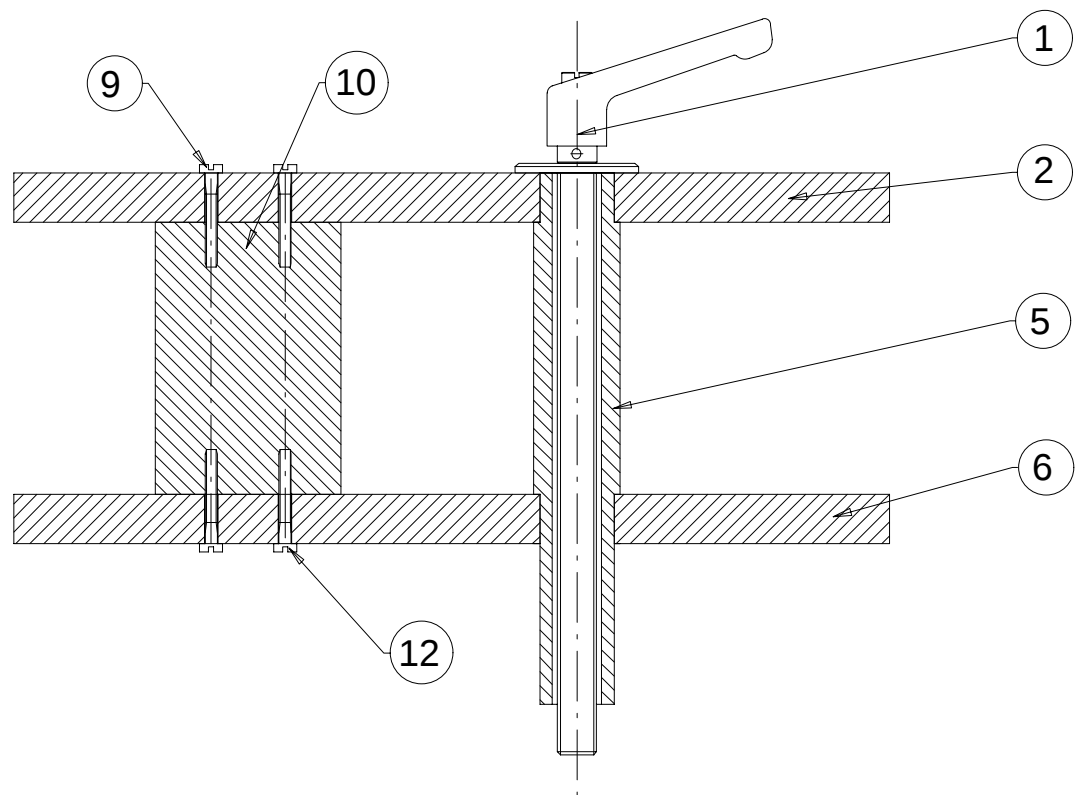


RAA415 * 463C * EUROSTAR

PART LIST
XR23PP012V**DESIGNATION**
GUIDES*DRAWING 382888*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/029	HANDLE	2 N.	S		
2	80PR001H49	GUIDE	1 N.			
5	372641/042	SPACER	2 N.			
6	80PR001H57	GUIDE	1 N.			
9	HQZ680	SCREW	11 N.			
10	350056/098	SPACER	1 N.			
10	350056/253	SPACER	3 N.			
12	HQZ680	SCREW	11 N.			

B-B



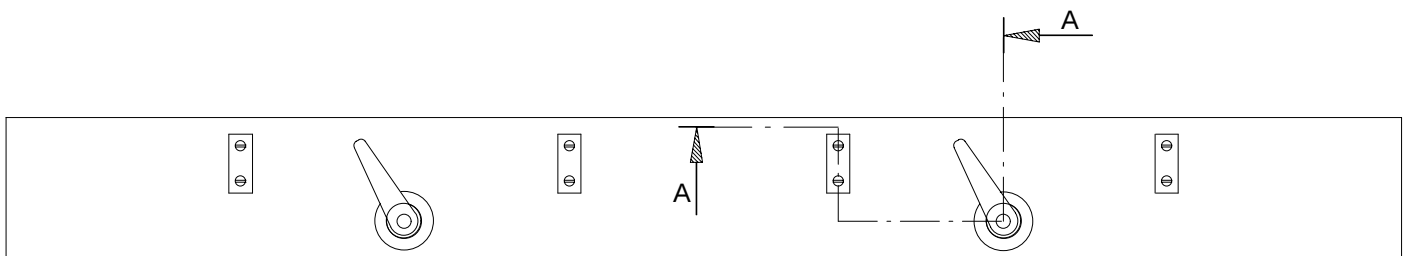
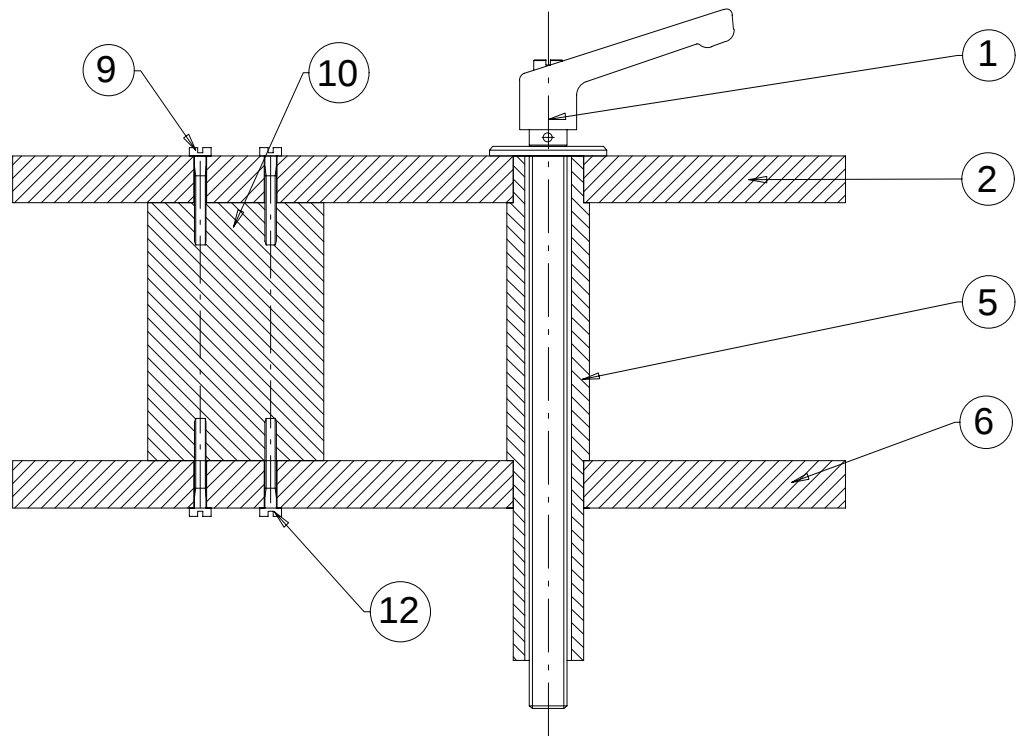


RAA415 * 463C * EUROSTAR

PART LIST
XR24PP008J**DESIGNATION**
GUIDES*DRAWING 382889*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/029	HANDLE	2 N.	S		
2	80PR001H65	GUIDE	1 N.			
5	372641/154	SPACER	2 N.			
6	80PR001H73	GUIDE	1 N.			
9	HQZ680	SCREW	6 N.			
10	350056/281	SPACER	3 N.			
12	HQZ680	SCREW	6 N.			

A-A



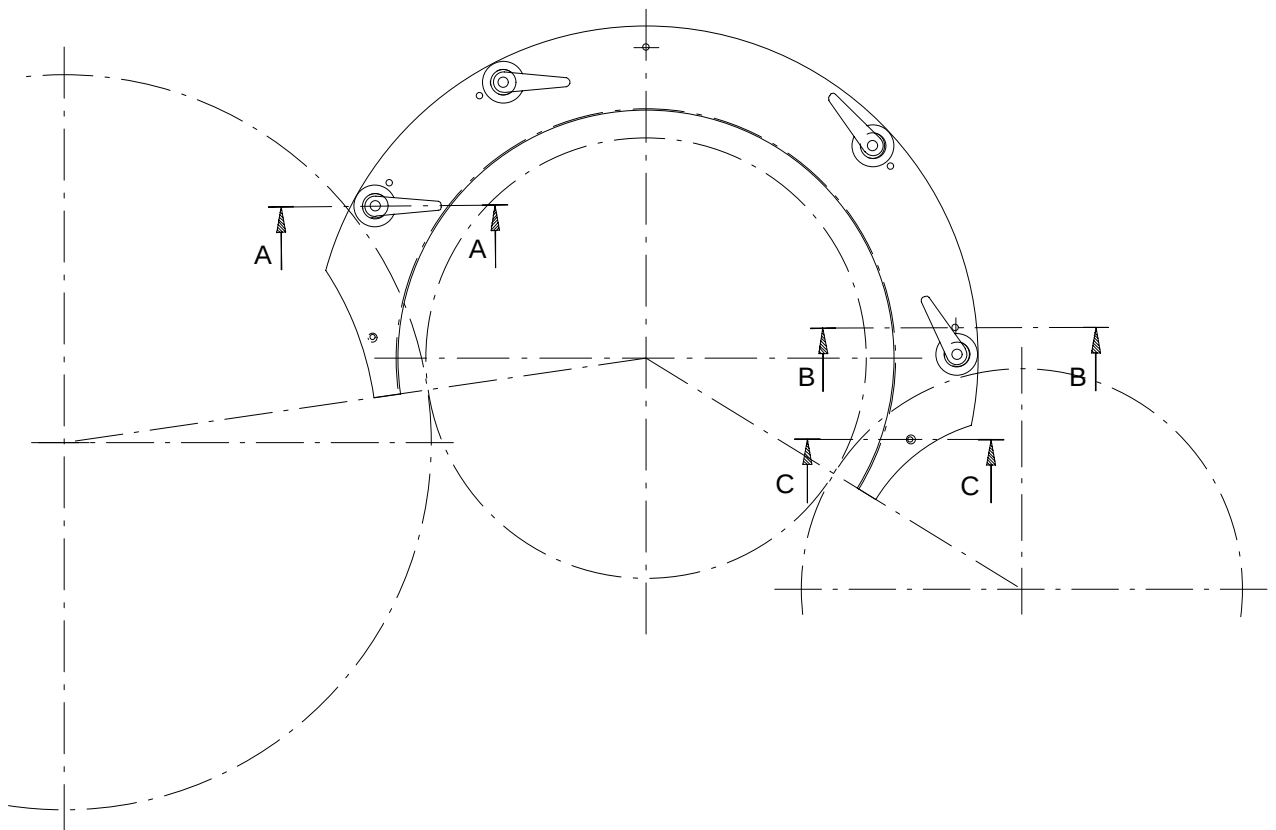
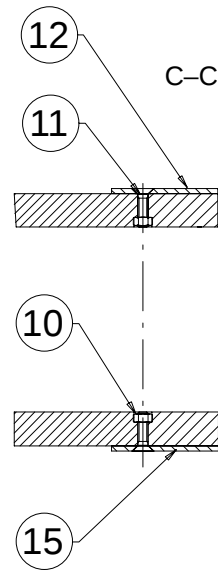
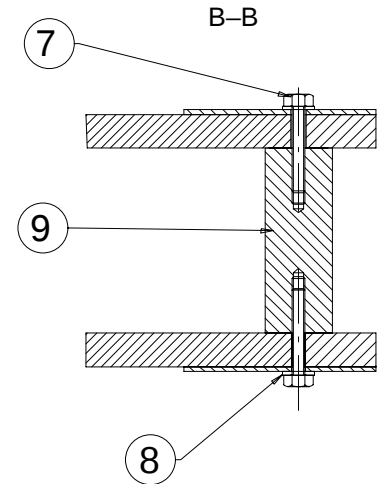
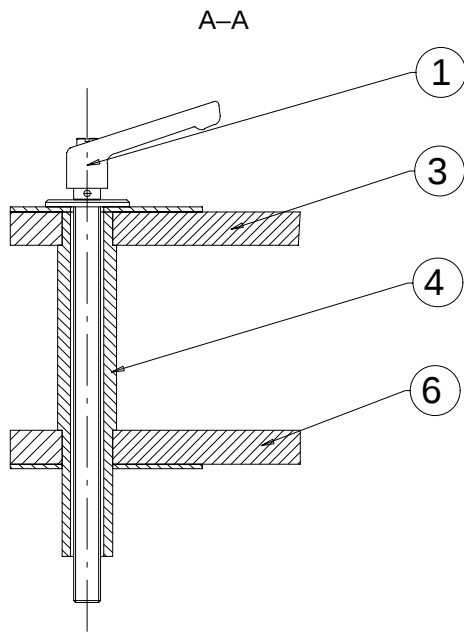


RAA415 * 463C * EUROSTAR

PART LIST
XR29PP020C**DESIGNATION**
GUIDE

DRAWING 382890

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/029	HANDLE	4 N.	S		
3	80PR001H33	GUIDE	1 N.			
4	372641/154	SPACER	4 N.			
6	80PR001H41	GUIDE	1 N.			
7	HLE030	SCREW	10 N.			
8	HRU108	SPRINGWASHER	10 N.			
9	372639/038	COLUMN	5 N.			
10	HRP006	NUT	4 N.			
11	HNR020	SCREW	4 N.			
12	189596	SHEET	1 N.			
15	189598	SHEET	1 N.			



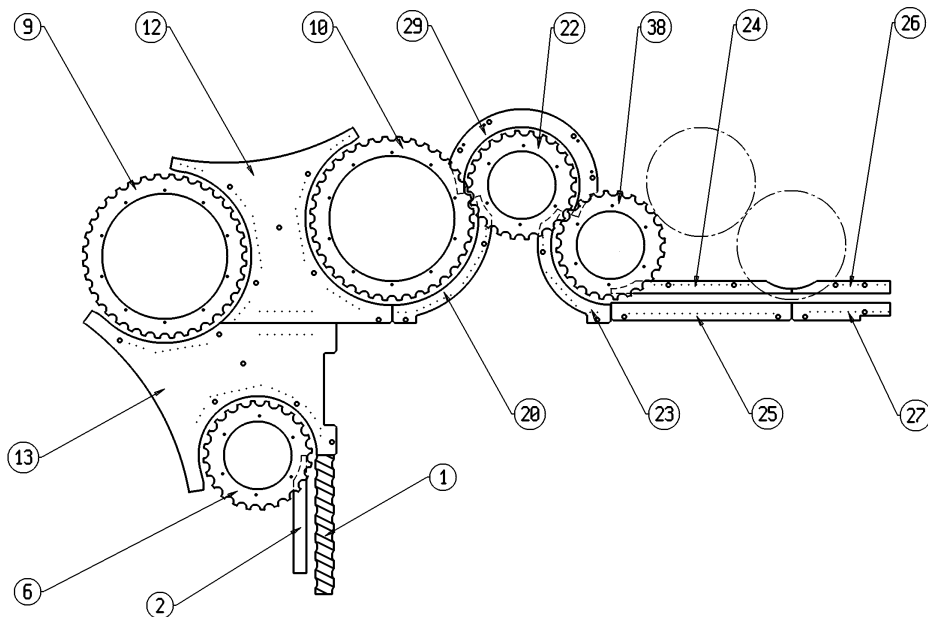


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PART LIST
X000LRAA415**DESIGNATION**
HANDLING PARTS

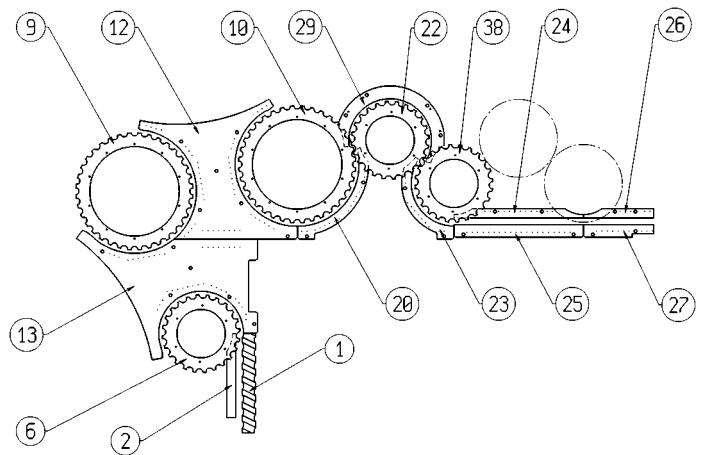
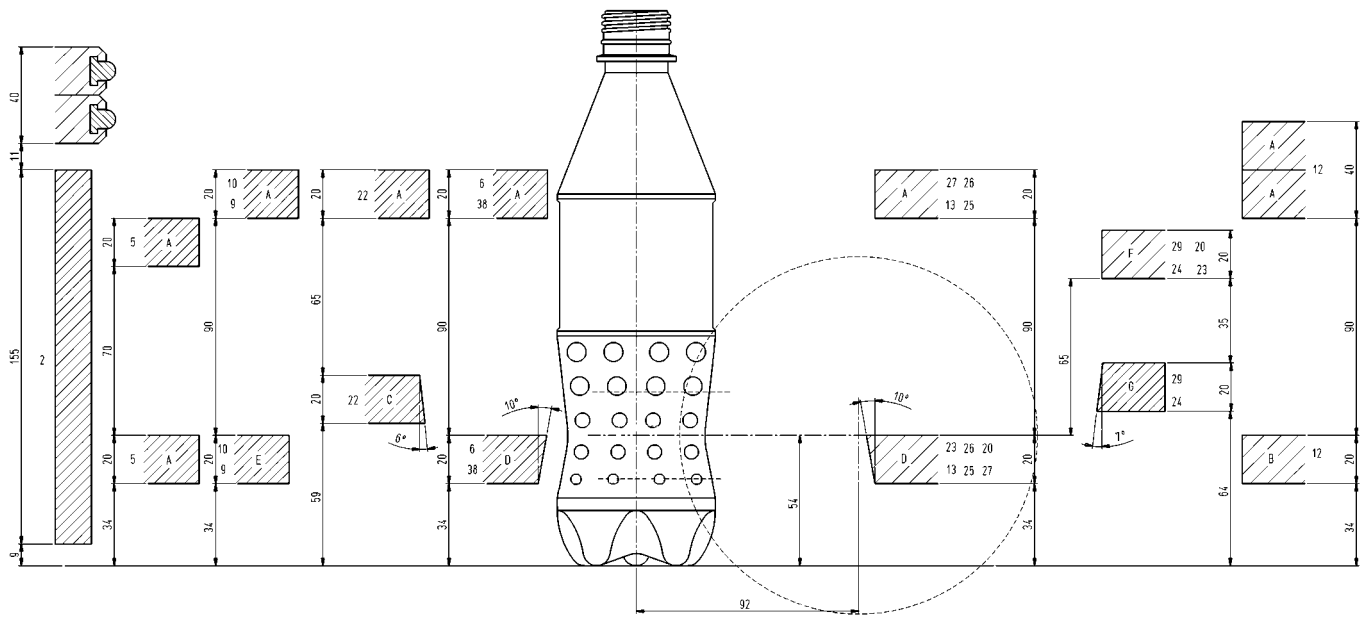
DRAWING 444428 444422 445577

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
6801	XR01PP036R	WORMSCREW	1 N.			
6802	XR02PP029A	INLET WORMSC.COUNTERGUIDE	1 N.			
6805	XR05PP030C	BOTTLE STOP STARWHEEL	1 N.			
6806	XR06PP020K	STARWHEEL	1 N.			
6809	XR09PP023G	STARWHEEL	1 N.			
6810	XR09PP023G	STARWHEEL	1 N.			
6812	XR12PP024C	GUIDE	1 N.			
6813	XR13PP005V	GUIDE	1 N.			
6820	XR20PP006N	GUIDE	1 N.			
6822	XR22PP014C	STARWHEEL	1 N.			
6823	XR23PP012U	GUIDES	1 N.			
6824	XR24PP008I	GUIDES	1 N.			
6825	XR25PP007A	GUIDES	1 N.			
6826	XR26PP038D	INTERNAL OUTLET GUIDE	1 N.			
6827	XR27PP024O	EXTERNAL OUTLET GUIDE	1 N.			
6829	XR29PP020B	GUIDE	1 N.			
6838	XR38PP026E	STARWHEEL	1 N.			

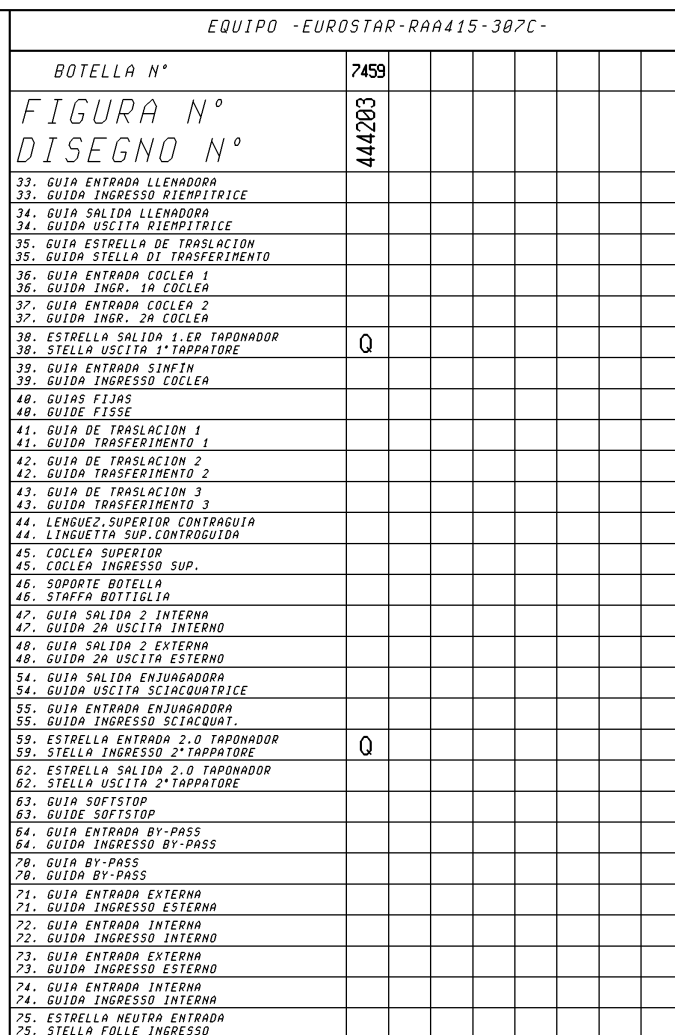


EQUIPO -EUROSTAR-RAA415-307C-								
BOTELLA N°	6982	6983	6984	7105	7106	6981	7463	7464
FIGURA N°	444423	444424	444425	444426	444427	444422	444467	444468
DISEGNO N°								
1. COCLEA ENTRADA	D	E	F	G	G	L	L	L
1. COCLEA INGRESSO	D	D	D	G	G	L	L	L
2. CONTRAGUIDA COCLEA								
2. CONTROGUIDA COCLEA								
3. COCLEA DE TRASLACION								
3. COCLEA TRASFERIMENTO								
4. CONTRAGUIDA COCLEA DE TRASL.								
4. CONTROGUIDA COCLEA TRASF.								
5. ESTRELLA PARADA BOTELLAS	D	E	F	G	G	L	L	L
5. STELLA ARRESTO BOTTIGLIE	D	E	F	G	G	L	L	L
6. ESTRELLA ENTRADA ENJUAGADORA	D	E	F	G	G	L	M	N
6. STELLA INGRESSO SCIACQ.								
7. ESTRELLA SALIDA ENJUAGADORA								
7. STELLA USCITA SCIACQ.								
8. ESTRELLA DE TRASLACION								
8. STELLA DI TRASFERIMENTO								
9. ESTRELLA ENTRADA LLENADORA	D	E	F	G	G	L	L	N
9. STELLA INGRESSO RIEMPITRICE	D	E	F	G	G	L	L	N
10. ESTRELLA SALIDA LLENADORA	D	E	F	G	G	L	L	N
10. STELLA USCITA RIEMPITRICE								
11. ESTRELLA BY-PASS								
11. STELLA BY-PASS								
12. GUIDA CENTRAL LLENADORA	D	E	F	G	G	L	L	L
12. GUIDA CENTRALE RIEMPITRICE	D	E	F	G	G	L	L	L
13. GUIDA CENTRAL ENJUAGADORA	D	E	F	G	G	L	M	N
13. GUIDA CENTRALE SCIACQUATR.								
14. GUIDA ENTRADA TAPADORA								
14. GUIDA INGRESSO TAPPATORE								
15. GUIDA CENTRAL TAPADORA								
15. GUIDA CENTRALE TAPPATORE								
16. ESTRELLA TAPADORA								
16. STELLA TAPPATORE								
17. GUIDA EXTERNA TAPADORA CON CORREA								
17. GUIDA EXTERNA TAPP. CON CINGHIOLLO								
18. GUIDA EXTERNA TAPADORA								
18. GUIDA EXTERNA TAPPATORE								
19. GUIDA SALIDA TAPADORA								
19. GUIDA USCITA TAPPATORE								
20. GUIDA ENTRADA CAPSULADORA	D	E	F	G	H	L	M	N
20. GUIDA INGRESSO CAPSULATRICE								
21. GUIDA CENTRAL CAPSULADORA								
21. GUIDA CENTRALE CAPSULATRICE								
22. ESTRELLA CAPSULADORA	D	E	F	G	H	L	M	N
22. STELLA CAPSULATRICE	D	E	F	G	H	L	M	N
23. GUIDA SALIDA CAPSULADORA	D	E	F	G	H	L	M	N
23. GUIDA USCITA CAPSULATRICE								
24. GUIDA SALIDA INT. INTERMEDIA	D	E	F	G	H	L	M	N
24. GUIDA USCITA INT. INTERMEDIA	D	E	F	G	G	L	M	N
25. GUIDA SALIDA EXT. INTERMEDIA	D	E	F	G	G	L	M	N
25. GUIDA USCITA EXT. INTERMEDIA	D	E	F	G	G	L	M	N
26. GUIDA SALIDA INTERNA	D	E	F	G	G	L	M	N
26. GUIDA USCITA INTERNA	D	E	F	G	G	L	M	N
27. GUIDA SALIDA EXTERNA	D	E	F	G	G	L	M	N
27. GUIDA USCITA EXTERNA								
28. GUIDA CIRCULAR SALIDA								
28. GUIDA USCITA CIRCOLARE								
29. GUIDA EXTERNA CAPSULADORA	D	E	F	G	H	L	M	N
29. GUIDA EXTERNA CAPSULATRICE								
30. GUIDA BY-PASS ENJUAGADORA								
30. GUIDA BY-PASS SCIACQUATRICE								
31. ESTRELLA ENTRADA COCLEA 1								
31. STELLA INGR. 1A COCLEA								
32. ESTRELLA ENTRADA COCLEA 2								
32. STELLA INGR. 2A COCLEA								

EQUIPO -EUROSTAR-RAA415-307C-								
BOTELLA N°	6982	6983	6984	7105	7106	6981	7463	7464
FIGURA N°	444423	444424	444425	444426	444427	444422	444467	444468
DISEGNO N°								
33. GUIDA ENTRADA LLENADORA								
33. GUIDA INGRESSO RIEMPITRICE								
34. GUIDA SALIDA LLENADORA								
34. GUIDA USCITA RIEMPITRICE								
35. GUIDA ESTRELLA DE TRASLACION								
35. GUIDA STELLA DI TRASFERIMENTO								
36. GUIDA ENTRADA COCLEA 1								
36. GUIDA INGR. 1A COCLEA								
37. GUIDA ENTRADA COCLEA 2								
37. GUIDA INGR. 2A COCLEA								
38. ESTRELLA SALIDA 1.ER TAPONADOR	D	E	F	G	G	L	M	N
38. STELLA USCITA 1°TAPPATORE								
39. GUIDA ENTRADA SINFIN								
39. GUIDA INGRESSO COCLEA								
40. GUIDAS FIJAS								
40. GUIDE FISSE								
41. GUIDA DE TRASLACION 1								
41. GUIDA TRASFERIMENTO 1								
42. GUIDA DE TRASLACION 2								
42. GUIDA TRASFERIMENTO 2								
43. GUIDA DE TRASLACION 3								
43. GUIDA TRASFERIMENTO 3								
44. LENGÜETZ SUPERIOR CONTRAGUIDA								
44. LINGUETTA SUP. CONTROGUIDA								
45. COCLEA SUPERIOR	D	E	F	G	G			
45. COCLEA INGRESSO SUP.								
46. SOPORTE BOTELLA								
46. STAFFA BOTTIGLIA								
47. GUIDA SALIDA 2 INTERNA								
47. GUIDA 2A USCITA INTERNO								
48. GUIDA SALIDA 2 EXTERNA								
48. GUIDA 2A USCITA ESTERNO								
54. GUIDA SALIDA ENJUAGADORA								
54. GUIDA USCITA SCIACQUATRICE								
55. GUIDA ENTRADA ENJUAGADORA								
55. GUIDA INGRESSO SCIACQUATR.								
59. ESTRELLA ENTRADA 2.0 TAPONADOR								
59. STELLA INGRESSO 2°TAPPATORE								
62. ESTRELLA SALIDA 2.0 TAPONADOR								
62. STELLA USCITA 2°TAPPATORE								
63. GUIDA SOFTSTOP								
63. GUIDE SOFTSTOP								
64. GUIDA ENTRADA BY-PASS								
64. GUIDA INGRESSO BY-PASS								
70. GUIDA BY-PASS								
70. GUIDA BY-PASS								
71. GUIDA ENTRADA EXTERNA								
71. GUIDA INGRESSO EXTERNA								
72. GUIDA ENTRADA INTERNA								
72. GUIDA INGRESSO INTERNO								
73. GUIDA ENTRADA EXTERNA								
73. GUIDA INGRESSO ESTERNO								
74. GUIDA ENTRADA INTERNA								
74. GUIDA INGRESSO INTERNA								
75. ESTRELLA NEUTRA ENTRADA								
75. STELLA FOLLE INGRESSO								



L

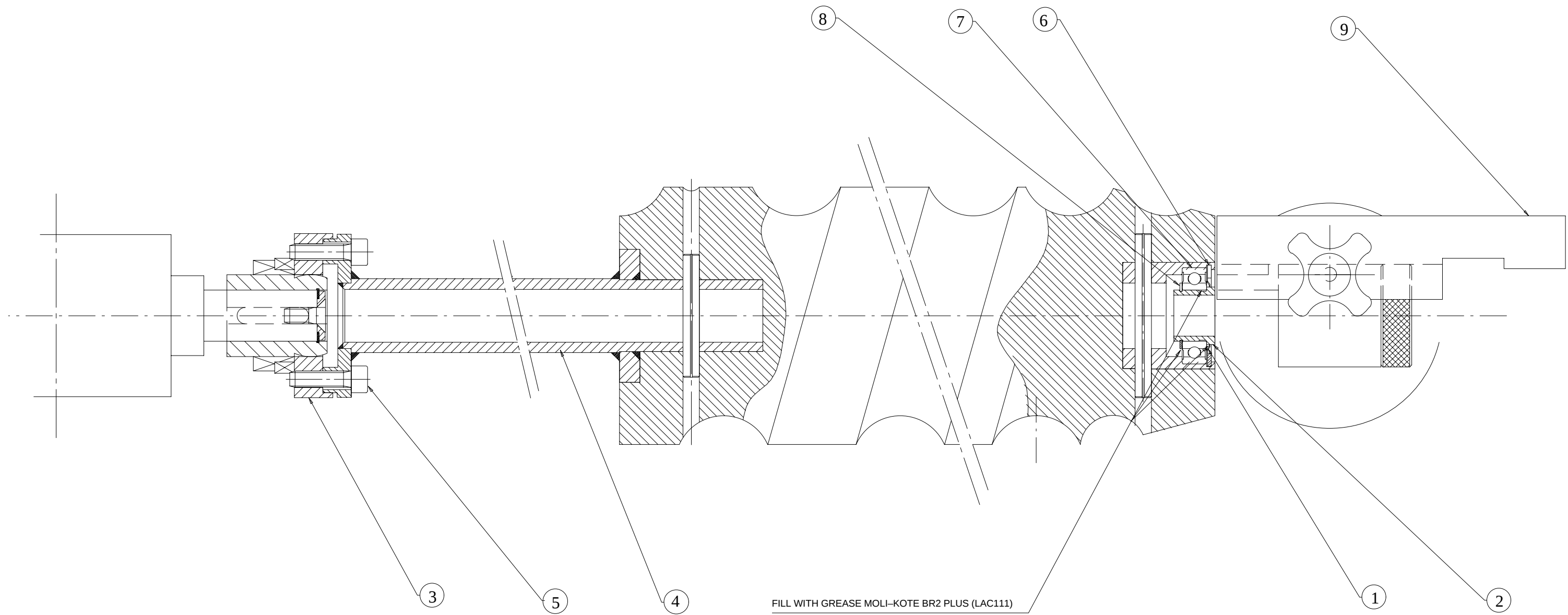




RAA415 * 463C * EUROSTAR

PART LIST
XR01PP036R**DESIGNATION**
WORMSCREW*DRAWING 247008*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	CHG450	RING	1 N.			
2	162213	FLANGE	1 N.			
3	162211	FLANGE	1 N.			
4	292866/332	WORMSCREW	1 N.			
5	HME126	SCREW	2 N.			
6	HZG047	INTERNAL RETAINING RING	1 N.			
7	CAA415	BEARING	1 N.		C	
8	HZC025	EXTERNAL RETAINING RING	1 N.			
9	330677/057	GUIDE	1 N.			

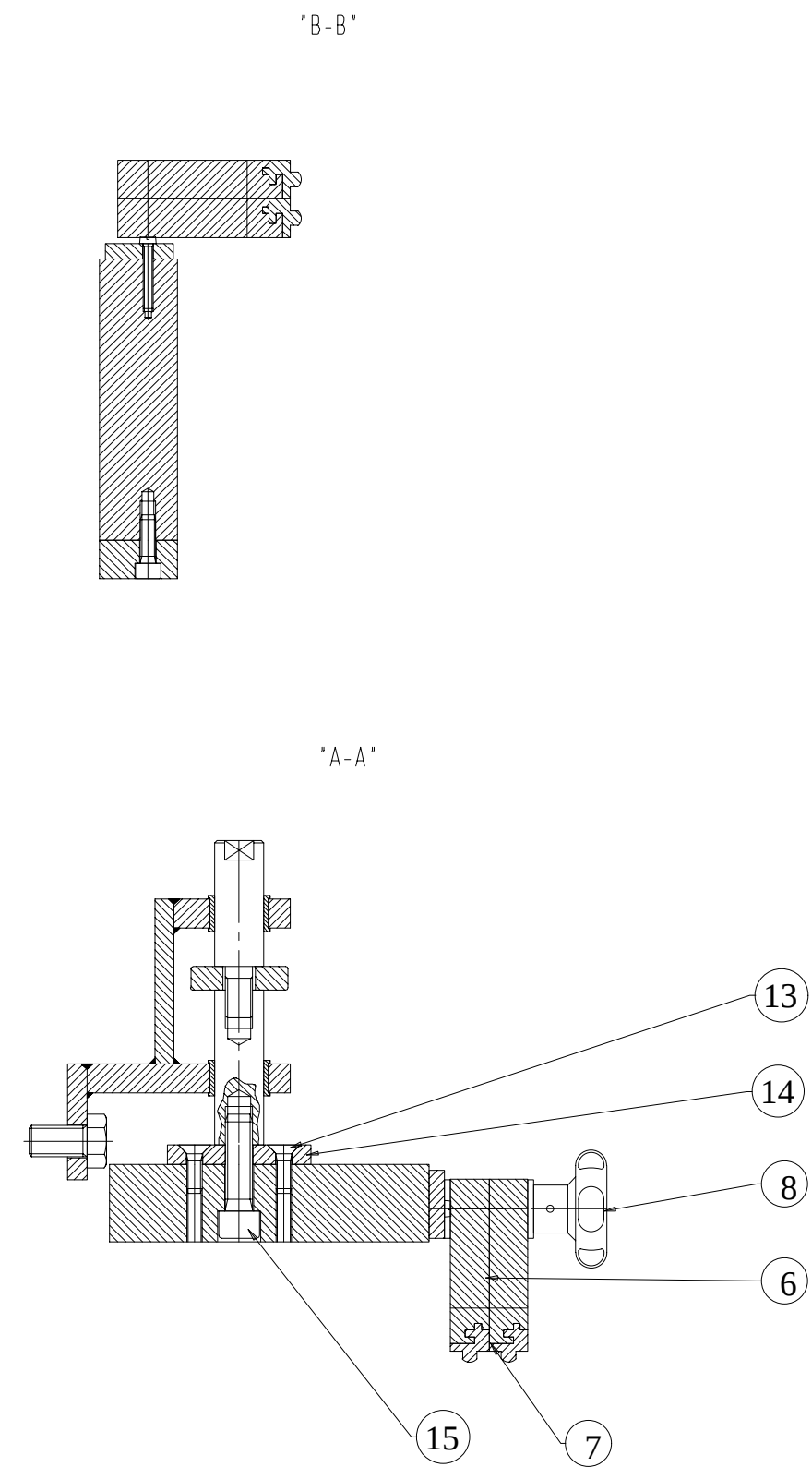
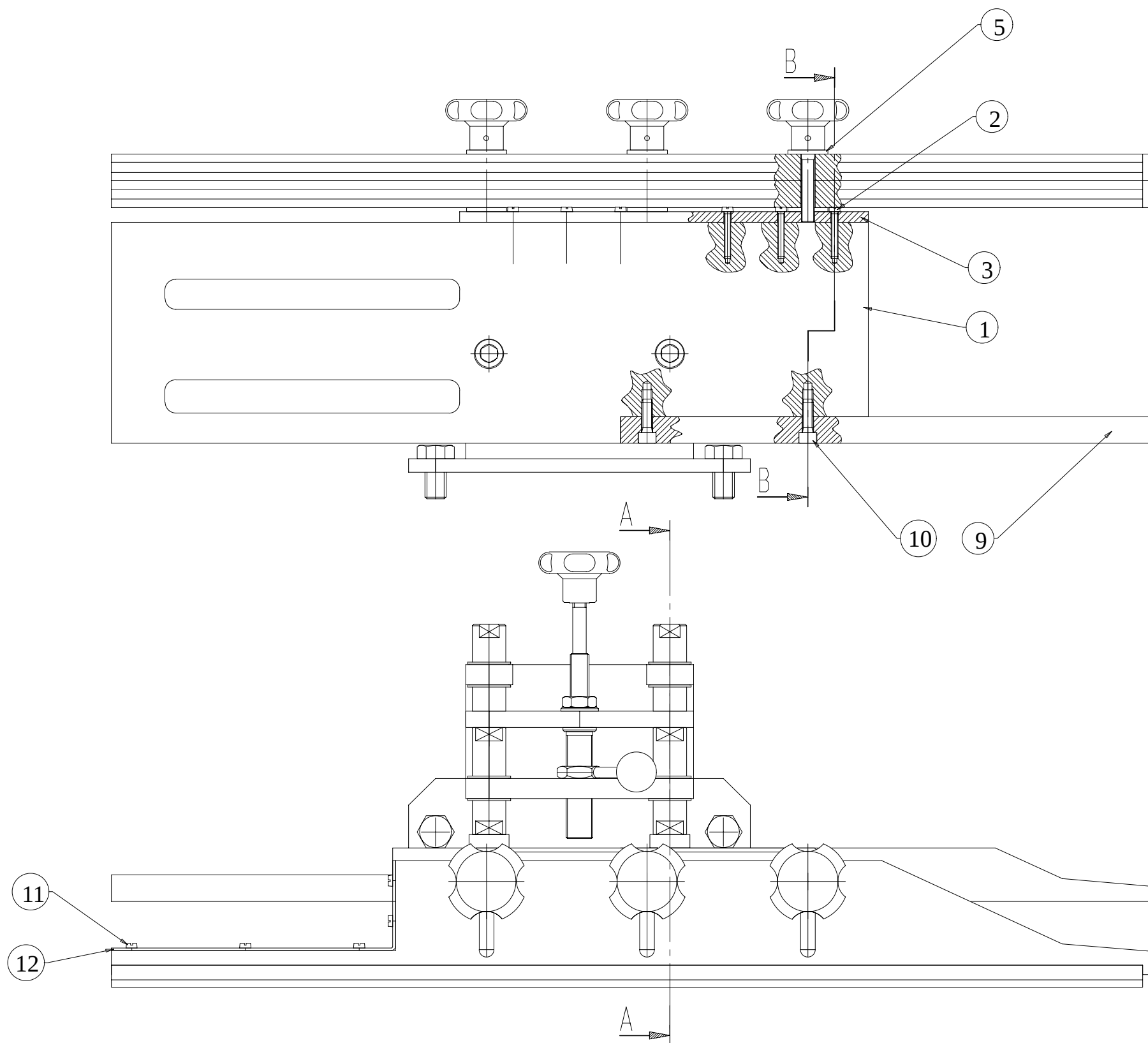




RAA415 * 463C * EUROSTAR

PART LIST
XR02PP029A**DESIGNATION**
INLET WORMSC.COUNTERGUIDE**DRAWING 323736**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	294196/115	INLET WORMSC.COUNTERGUIDE	1 N.			
2	HQZ680	SCREW	6 N.			
3	189262	REINFORCEMENT	1 N.			
5	005103/095	WASHER	6 N.			
6	321401	TAB	1 N.			
7	GZC114	PROFILE	2 MT			
8	372653/016	HANDLE	3 N.			
9	185240	TAB	1 N.			
10	HME124	SCREW	2 N.			
11	HQZ080	SCREW	10 N.			
12	185931	SHEET	2 N.			
13	HNS024	SCREW	4 N.			
14	185155	PLATE	2 N.			
15	HMH136	SCREW	2 N.			

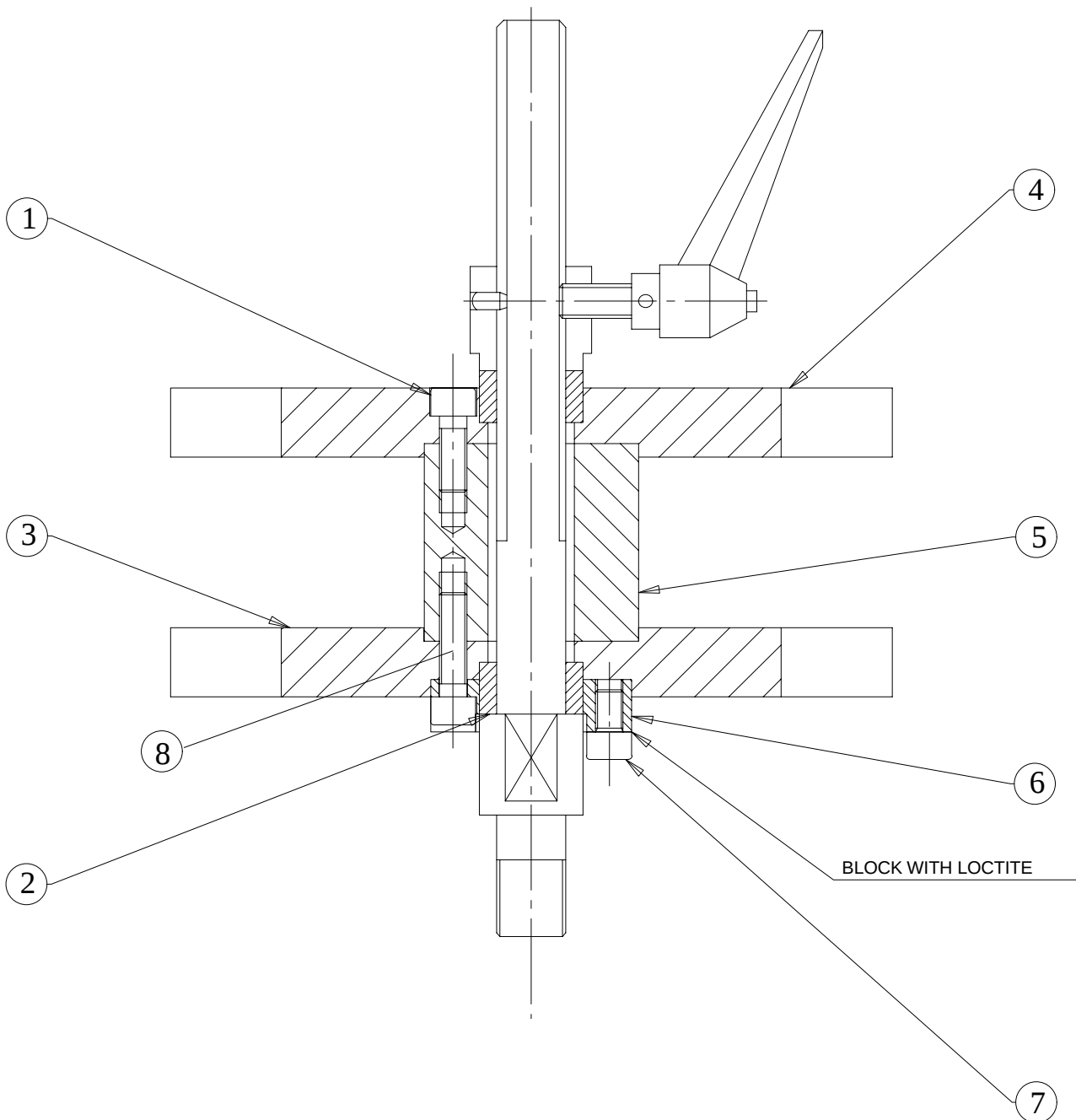




RAA415 * 463C * EUROSTAR

PART LIST
XR05PP030C**DESIGNATION**
BOTTLE STOP STARWHEEL**DRAWING 349622**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	HME124	SCREW	3 N.			
2	184712	BUSHING	2 N.			
3	329702/039	STARWHEEL	1 N.	S		
4	329705/044	STARWHEEL	1 N.	S		
5	372645/011	SPACER	1 N.			
6	250368/004	DISK	1 N.			
7	HME112	SCREW	3 N.			
8	HME126	SCREW	3 N.			

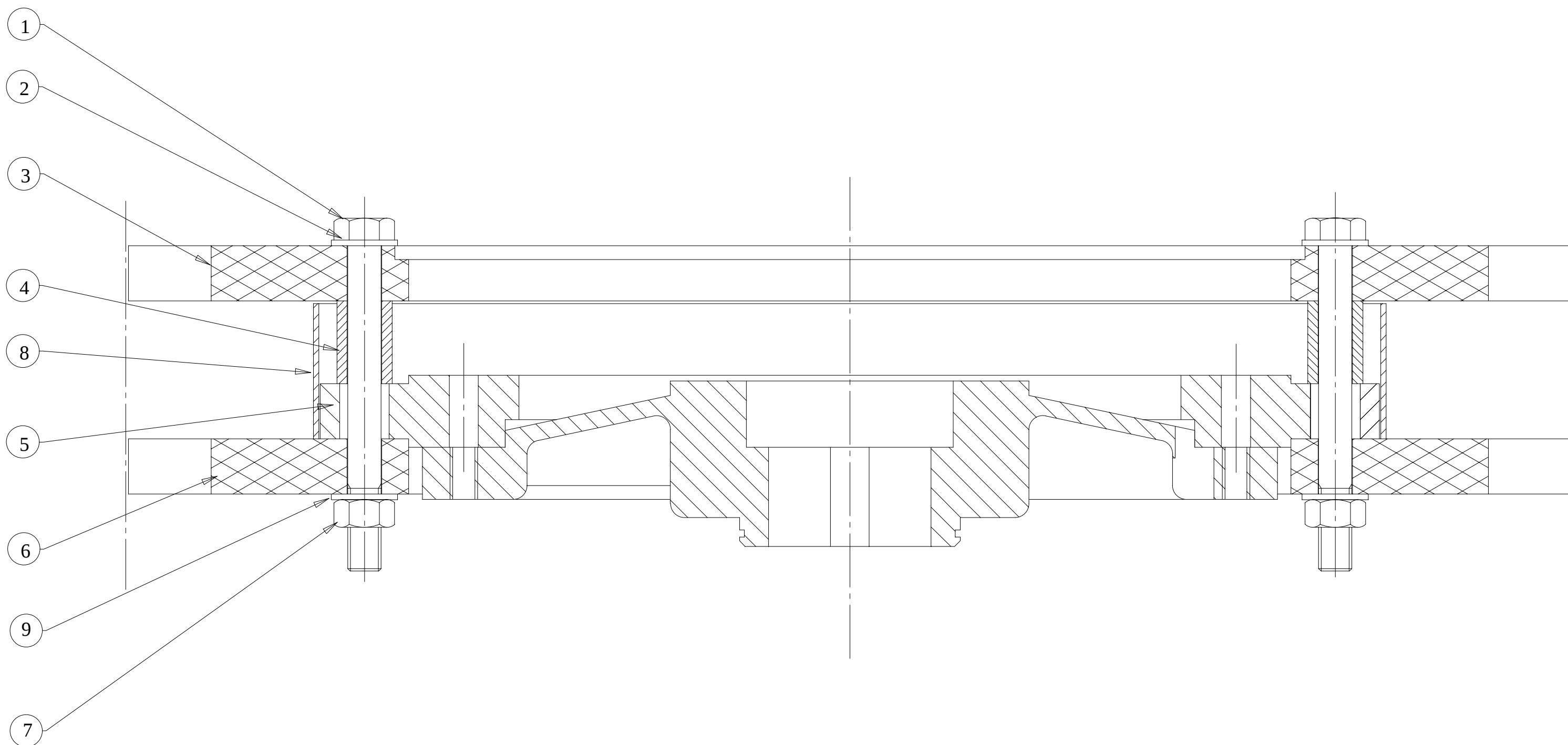




RAA415 * 463C * EUROSTAR

PART LIST
XR06PP020K**DESIGNATION**
STARWHEEL*DRAWING 172675*

<i>POS.</i>	<i>ITEM</i>	<i>DESIGNATION</i>	<i>Q.TY</i>	<i>S</i>	<i>R</i>	<i>K</i>
1	9090D012X165	SCREW	5 N.			
2	HRU012	WASHER	5 N.			
3	445297	STARWHEEL	1 N.	S		
4	372633/043	SPACER	5 N.			
5	183972/002	HUB	1 N.			
6	445299	STARWHEEL	1 N.			
7	HRP012	NUT	5 N.			
8	292793/019	CYLINDER	1 N.			
9	HRU012	WASHER	5 N.			

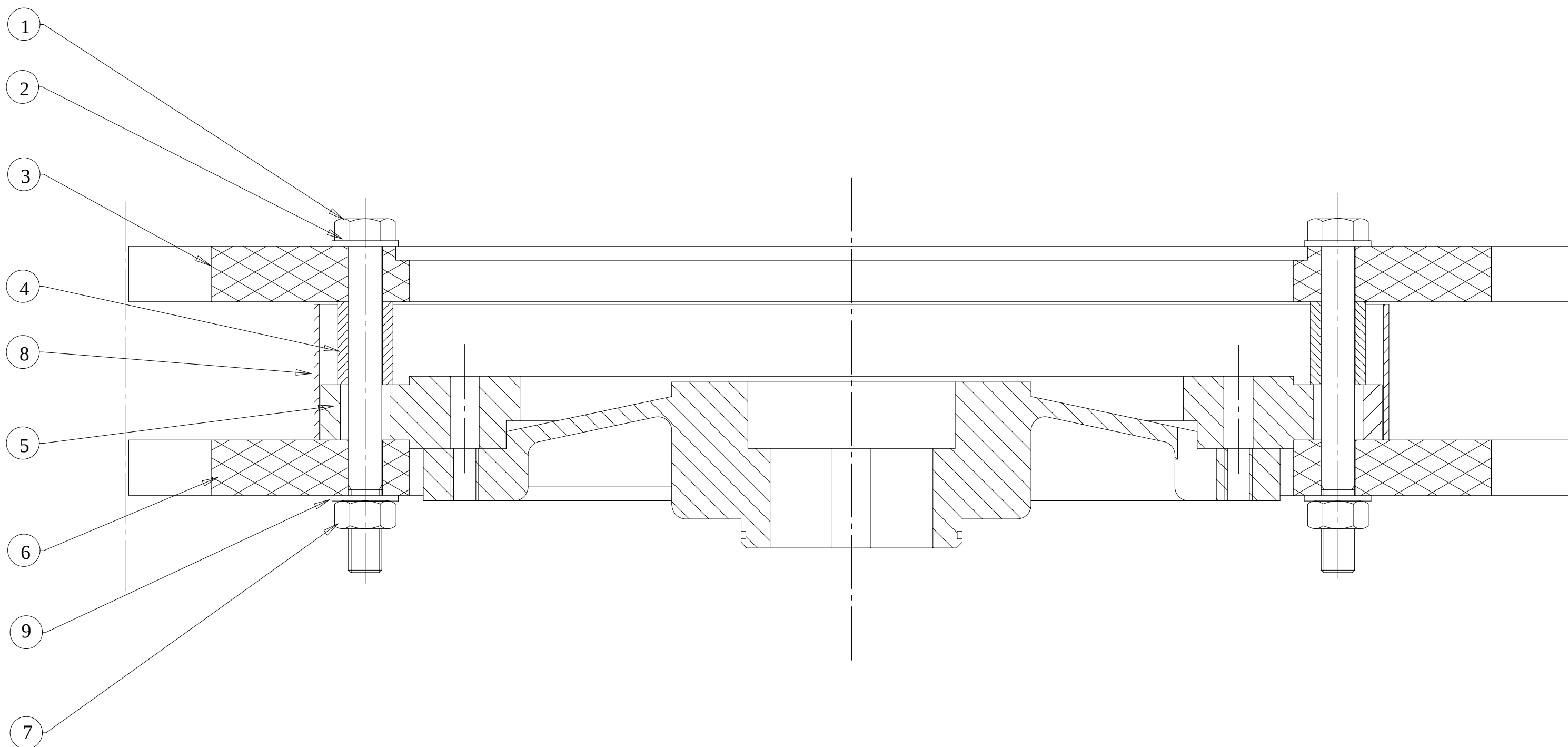




RAA415 * 463C * EUROSTAR

PART LIST
XR09PP023G**DESIGNATION**
STARWHEEL*DRAWING 172675*

<i>POS.</i>	<i>ITEM</i>	<i>DESIGNATION</i>	<i>Q.TY</i>	<i>S</i>	<i>R</i>	<i>K</i>
1	9090D012X165	SCREW	6 N.			
2	HRU012	WASHER	6 N.			
3	445300	STARWHEEL	1 N.			
4	372633/043	SPACER	6 N.			
5	183972/003	HUB	1 N.			
6	445301	STARWHEEL	1 N.			
7	HRP012	NUT	6 N.			
8	292793/208	CYLINDER	1 N.			
9	HRU012	WASHER	6 N.			

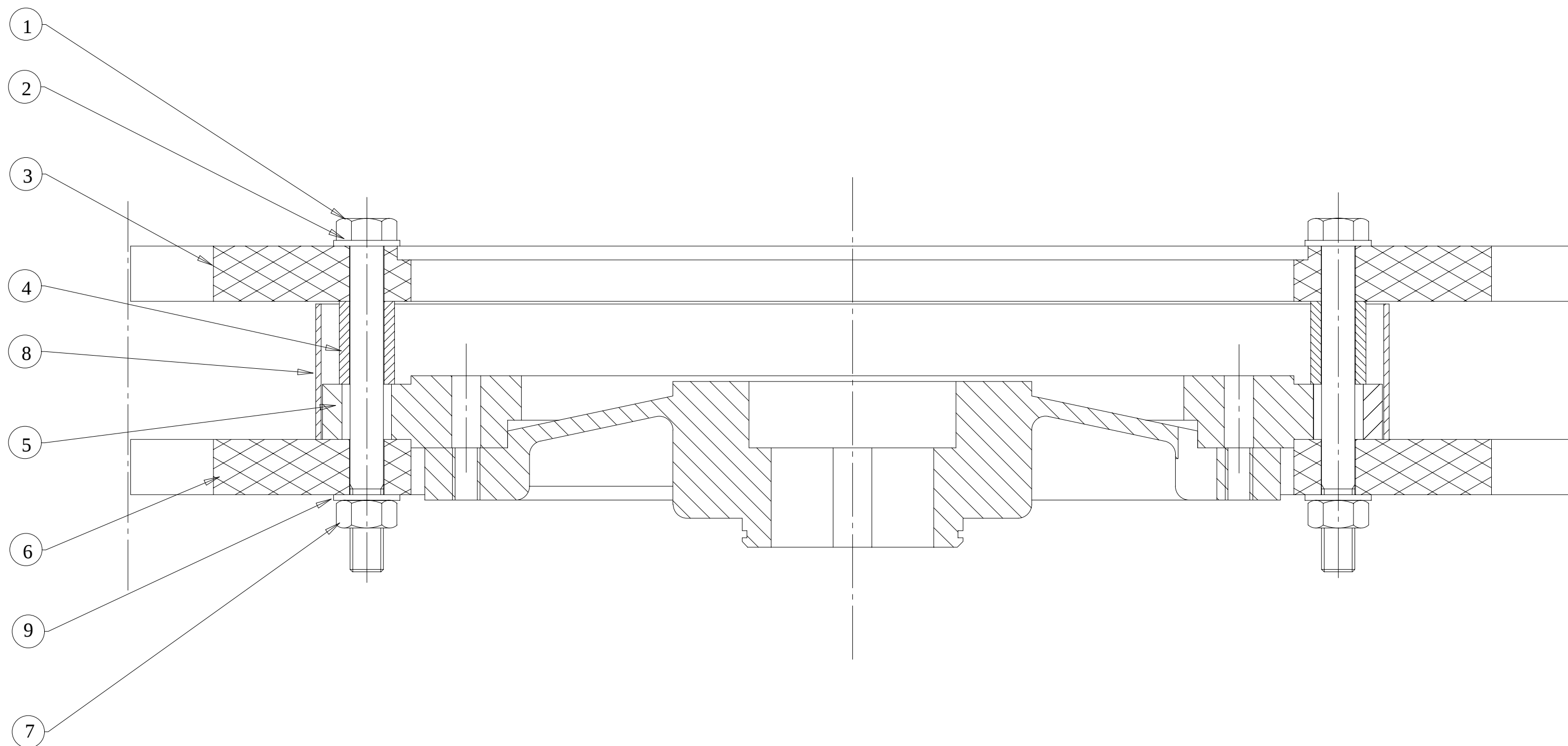




RAA415 * 463C * EUROSTAR

PART LIST
XR09PP023G**DESIGNATION**
STARWHEEL*DRAWING 172675*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	9090D012X165	SCREW	6 N.			
2	HRU012	WASHER	6 N.			
3	445300	STARWHEEL	1 N.			
4	372633/043	SPACER	6 N.			
5	183972/003	HUB	1 N.			
6	445301	STARWHEEL	1 N.			
7	HRP012	NUT	6 N.			
8	292793/208	CYLINDER	1 N.			
9	HRU012	WASHER	6 N.			



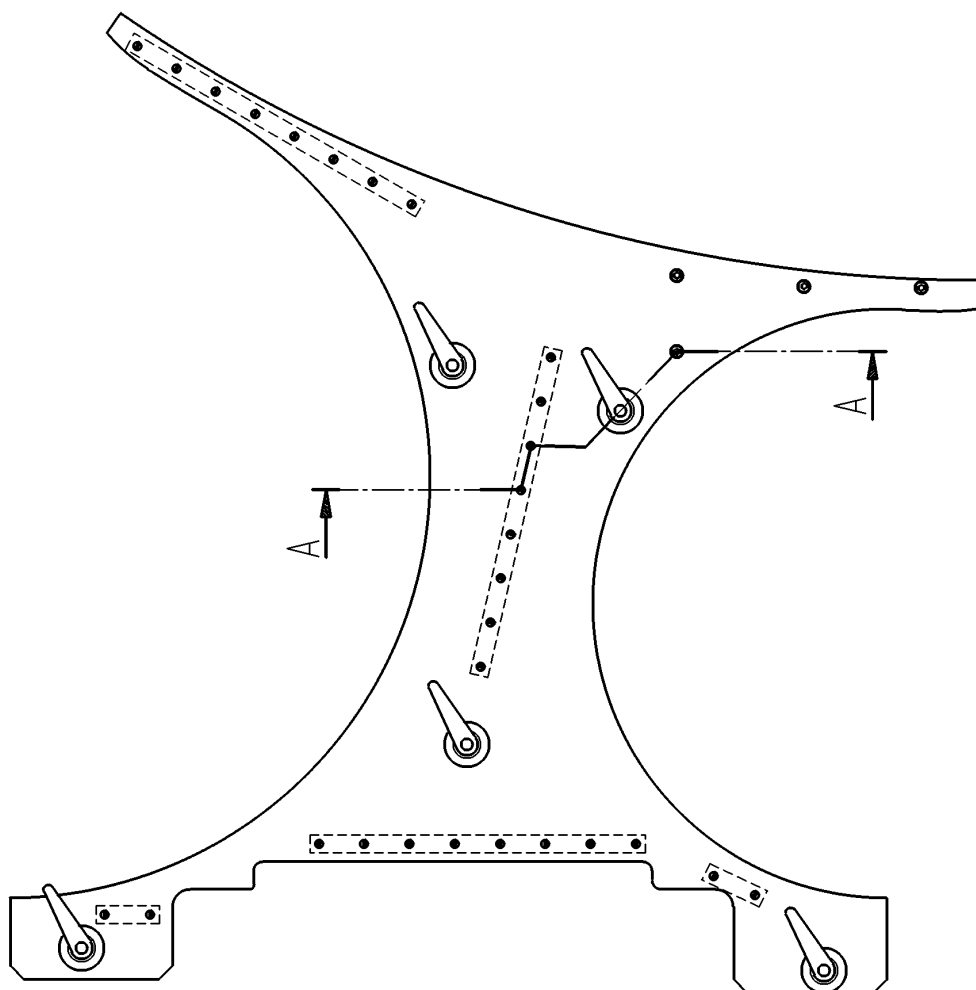
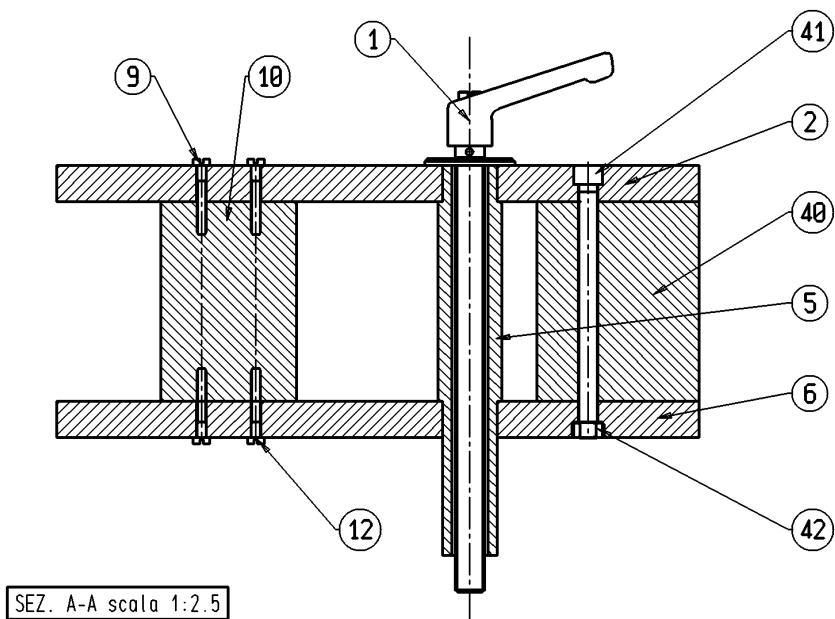


RAA415 * 463C * EUROSTAR

PART LIST
XR12PP024C**DESIGNATION**
GUIDE

DRAWING 445839

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/029	HANDLE	4 N.	S		
2	80PR001H01	GUIDE	1 N.			
5	372641/155	SPACER	4 N.			
6	80PR001G92	GUIDE	1 N.			
9	HQZ100	SCREW	23 N.			
10	350056/243	SPACER	1 N.			
10	350056/186	SPACER	1 N.			
10	350056/058	SPACER	1 N.			
10	350056/056	SPACER	1 N.			
12	HQZ680	SCREW	23 N.			
40	80PR001H09	TAB	1 N.			
41	HMD170	SCREW	5 N.			
42	HRP006	NUT	5 N.			



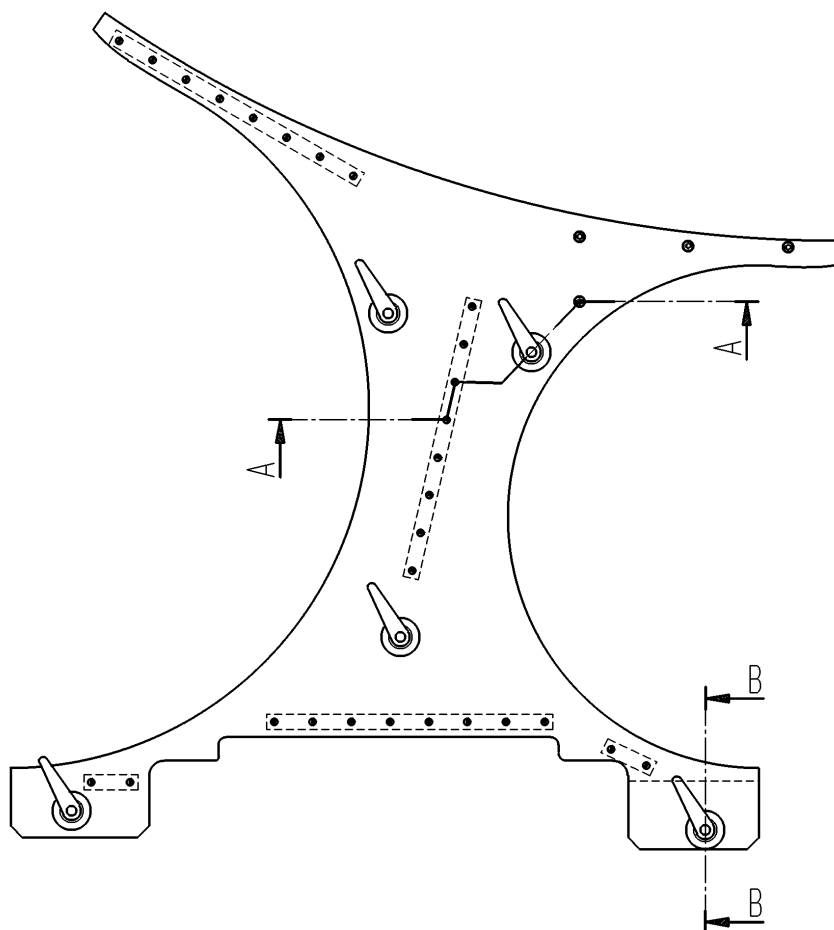
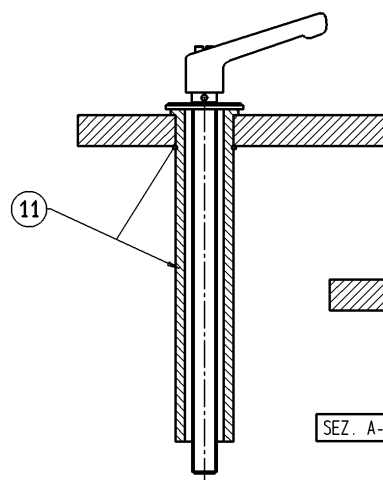
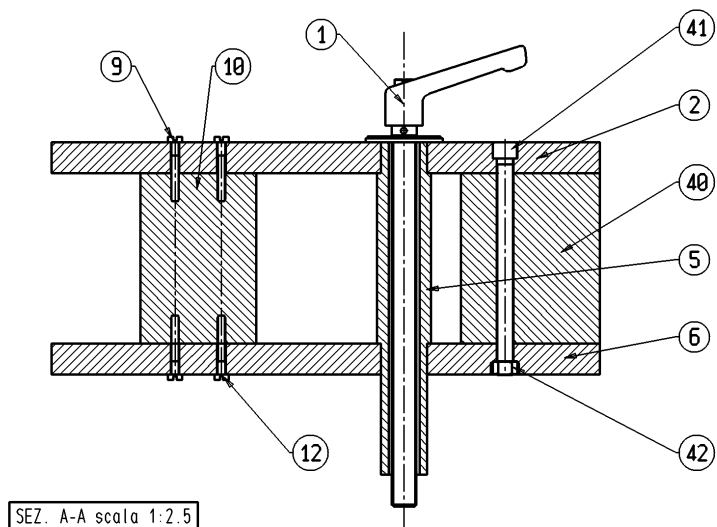


RAA415 * 463C * EUROSTAR

PART LIST
XR13PP005V**DESIGNATION**
GUIDE

DRAWING 445865

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/034	HANDLE	5 N.	S		
2	80PR001G76	GUIDE	1 N.			
5	372641/048	SPACER	4 N.			
6	80PR001G68	GUIDE	1 N.			
9	HQZ680	SCREW	27 N.			
10	350056/243	SPACER	1 N.			
10	350056/186	SPACER	1 N.			
10	350056/183	SPACER	1 N.			
10	350056/058	SPACER	1 N.			
10	350056/057	SPACER	1 N.			
11	HZF030	EXTERNAL RETAINING RING	1 N.			
11	372637/017	STUD	1 N.			
12	HQZ680	SCREW	27 N.			
40	80PR001G84	TAB	1 N.			
41	HME168	SCREW	5 N.			
42	HRP008	NUT	5 N.			



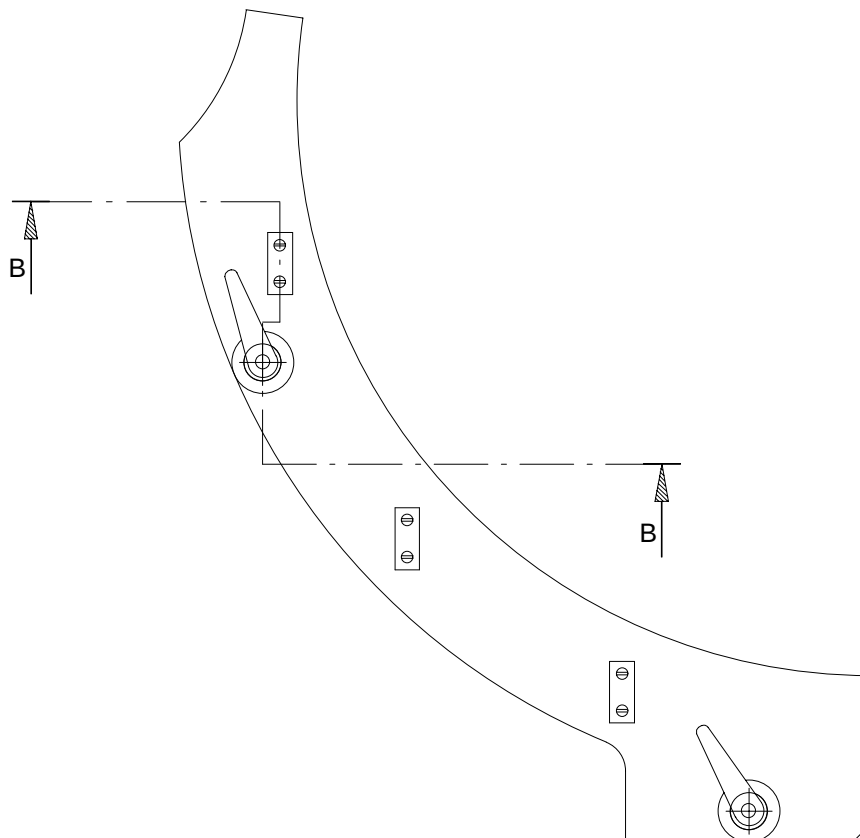
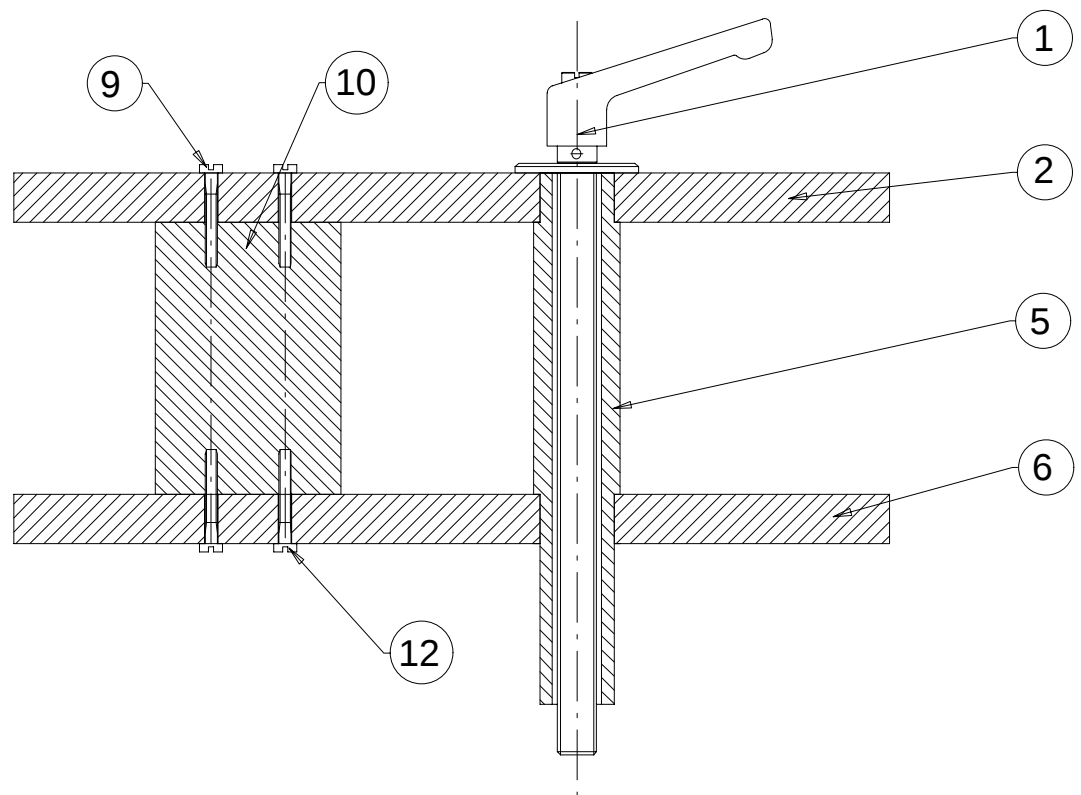


RAA415 * 463C * EUROSTAR

PART LIST
XR20PP006N**DESIGNATION**
GUIDE*DRAWING 382888*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/001	HANDLE	2 N.	S		
2	80PR001H18	GUIDE	1 N.			
5	372641/099	SPACER	2 N.			
6	80PR001H26	GUIDE	1 N.			
9	HQZ680	SCREW	14 N.			
10	350056/132	SPACER	3 N.			
10	350056/035	SPACER	1 N.			
12	HQZ680	SCREW	14 N.			

B-B





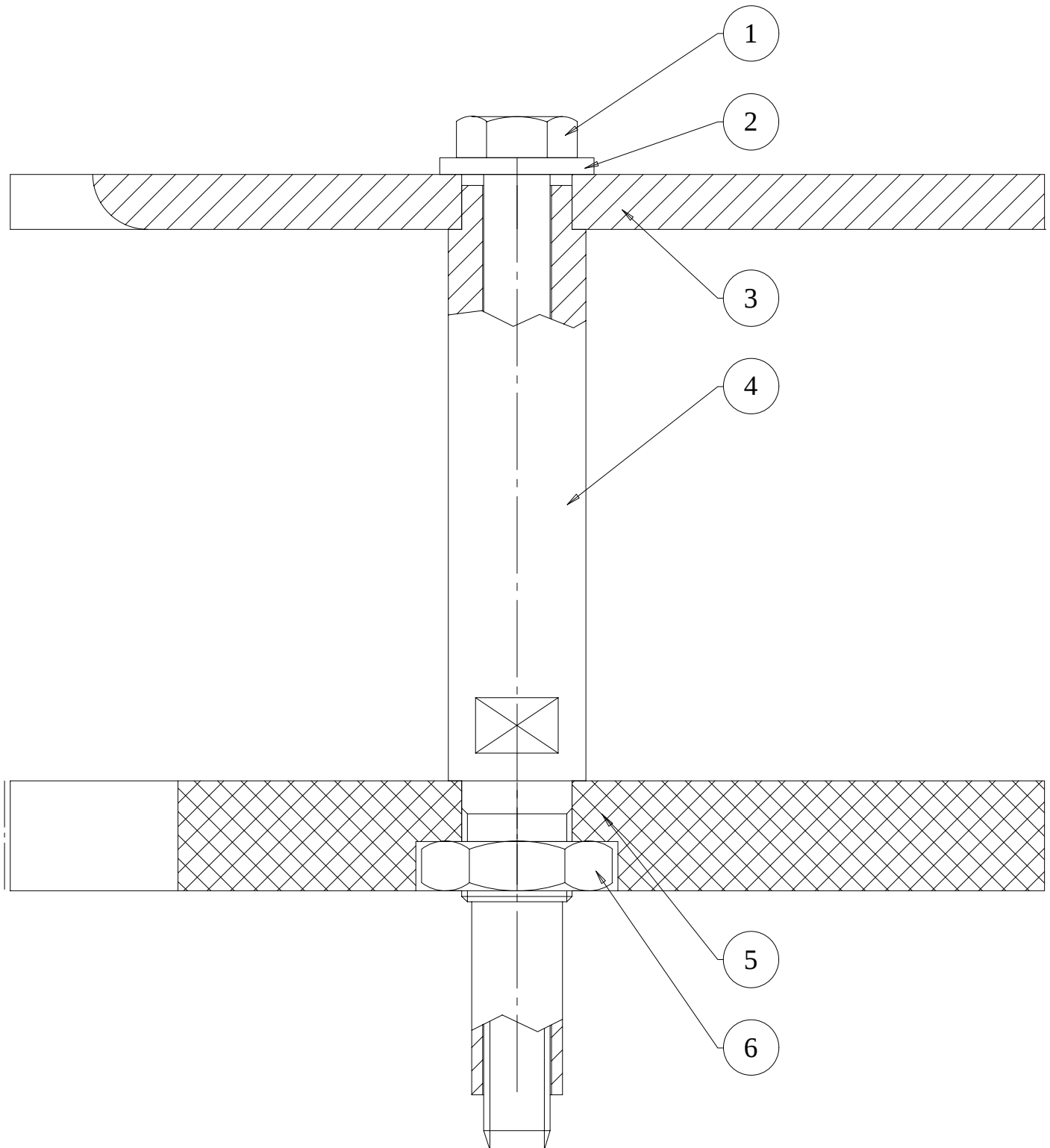
RAA415 * 463C * EUROSTAR

PART LIST
XR22PP014C

DESIGNATION
STARWHEEL

DRAWING 177044

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	9090D012X185	ADJUSTMENT SCREW	6 N.			
2	005103/098	WASHER	6 N.			
3	329811/026	STARWHEEL	1 N.			
4	372642/028	SPACER	6 N.			
5	329809/076	STARWHEEL	1 N.			
6	HRP220	NUT	6 N.			



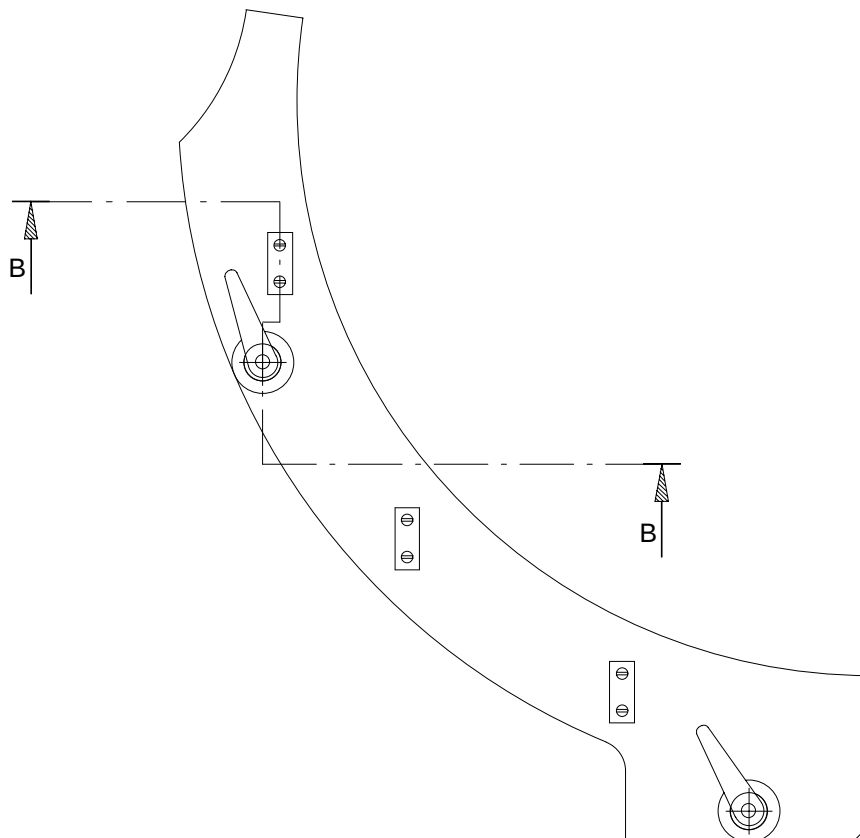
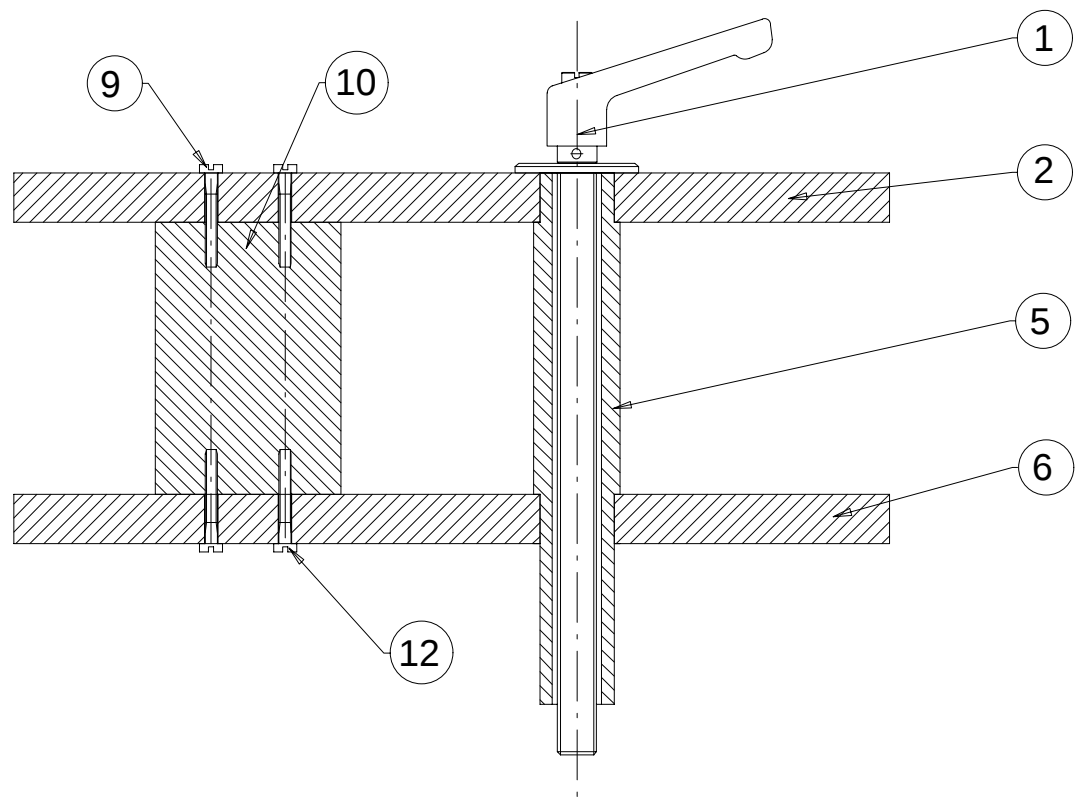


RAA415 * 463C * EUROSTAR

PART LIST
XR23PP012U**DESIGNATION**
GUIDES*DRAWING 382888*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/001	HANDLE	2 N.	S		
2	80PR001H50	GUIDE	1 N.			
5	372641/099	SPACER	2 N.			
6	80PR001H58	GUIDE	1 N.			
9	HQZ680	SCREW	11 N.			
10	350056/134	SPACER	3 N.			
10	350056/035	SPACER	1 N.			
12	HQZ680	SCREW	11 N.			

B-B



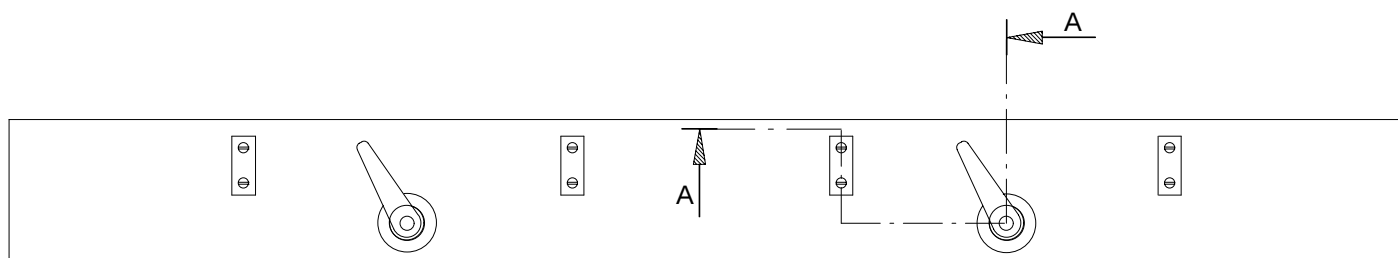
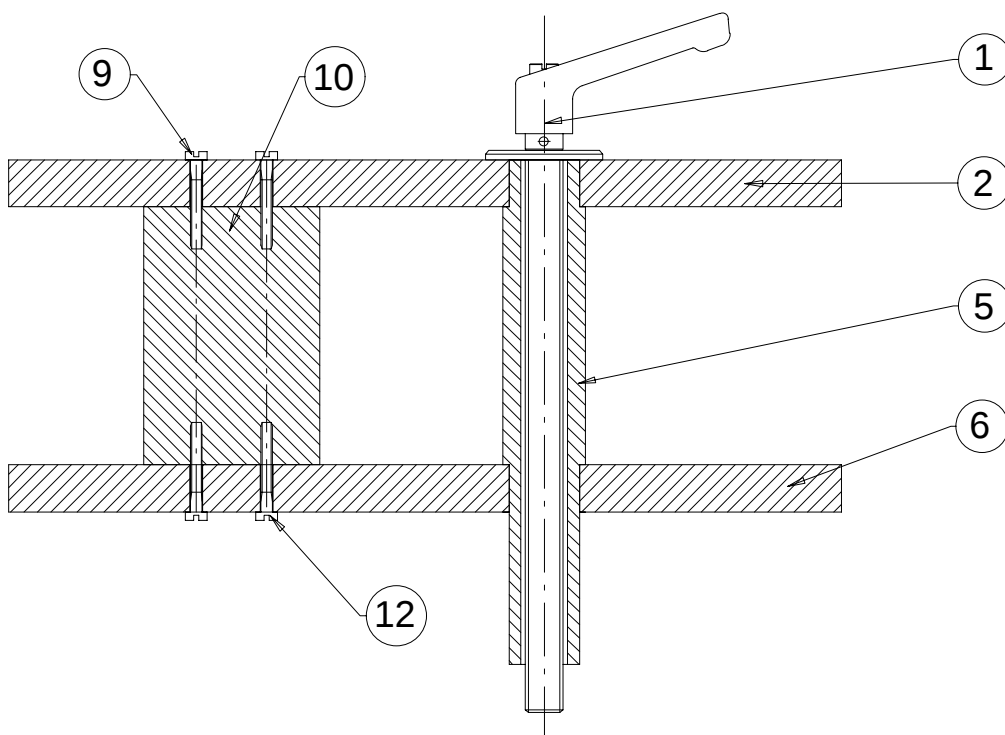


RAA415 * 463C * EUROSTAR

PART LIST
XR24PP008I**DESIGNATION**
GUIDES*DRAWING 382889*

<i>POS.</i>	<i>ITEM</i>	<i>DESIGNATION</i>	<i>Q.TY</i>	<i>S</i>	<i>R</i>	<i>K</i>
1	372654/001	HANDLE	2 N.	S		
2	80PR001H66	GUIDE	1 N.			
5	372641/156	SPACER	2 N.			
6	80PR001H74	GUIDE	1 N.			
9	HQZ632	SCREW	6 N.			
10	350058/002	SPACER	3 N.			
12	HQZ632	SCREW	6 N.			

A-A



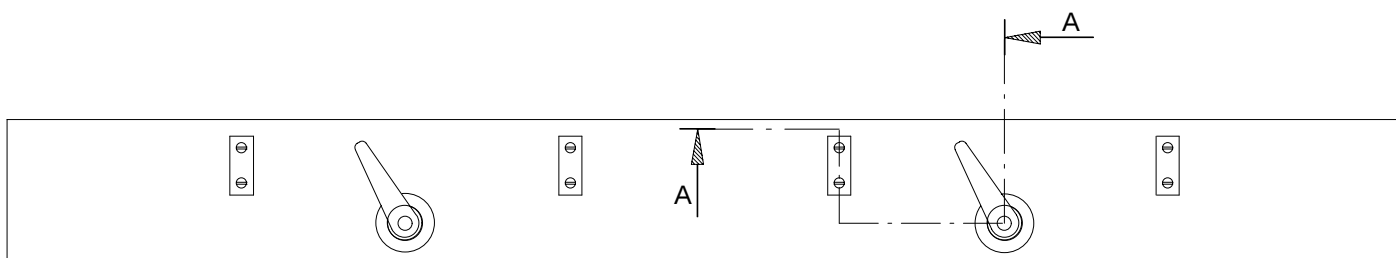
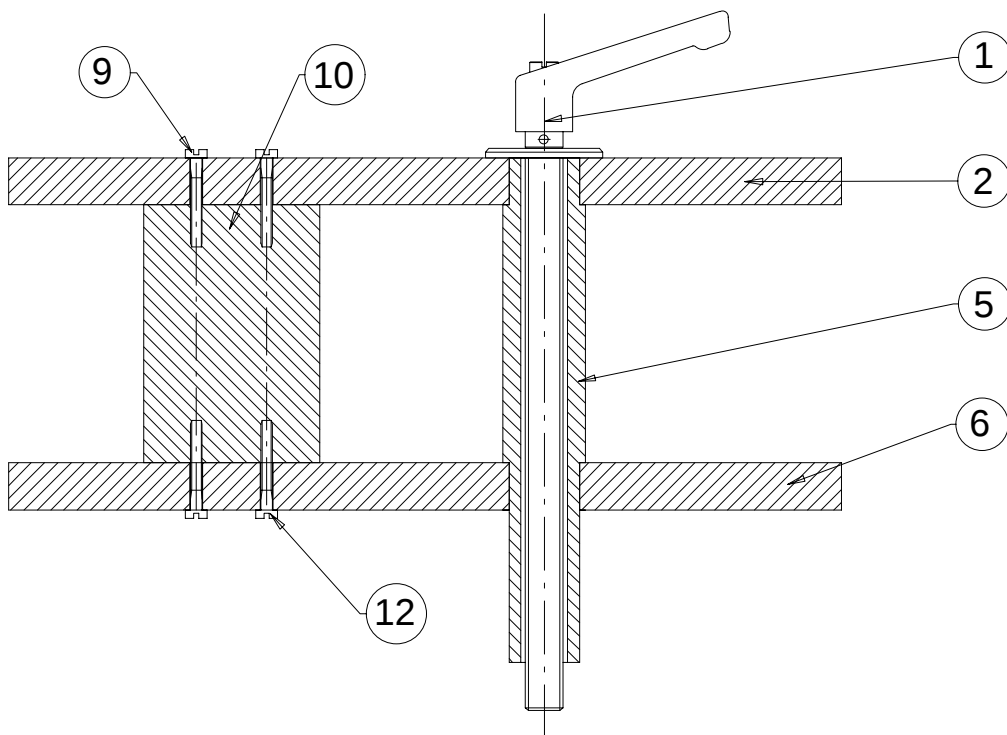


RAA415 * 463C * EUROSTAR

PART LIST
XR25PP007A**DESIGNATION**
GUIDES*DRAWING 382889*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/034	HANDLE	2 N.	S		
2	80PR001H81	GUIDE	1 N.			
5	372641/048	SPACER	2 N.			
6	80PR001H89	GUIDE	1 N.			
9	HQZ680	SCREW	15 N.			
10	350056/184	SPACER	1 N.			
10	350056/057	SPACER	2 N.			
12	HQZ680	SCREW	15 N.			

A-A



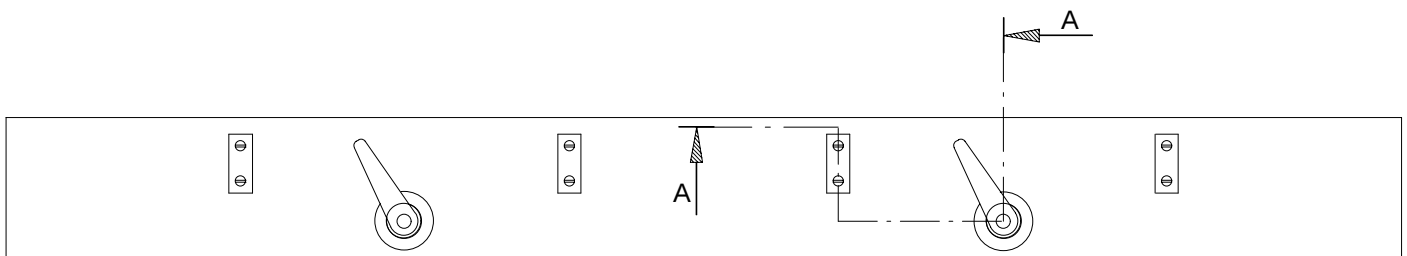
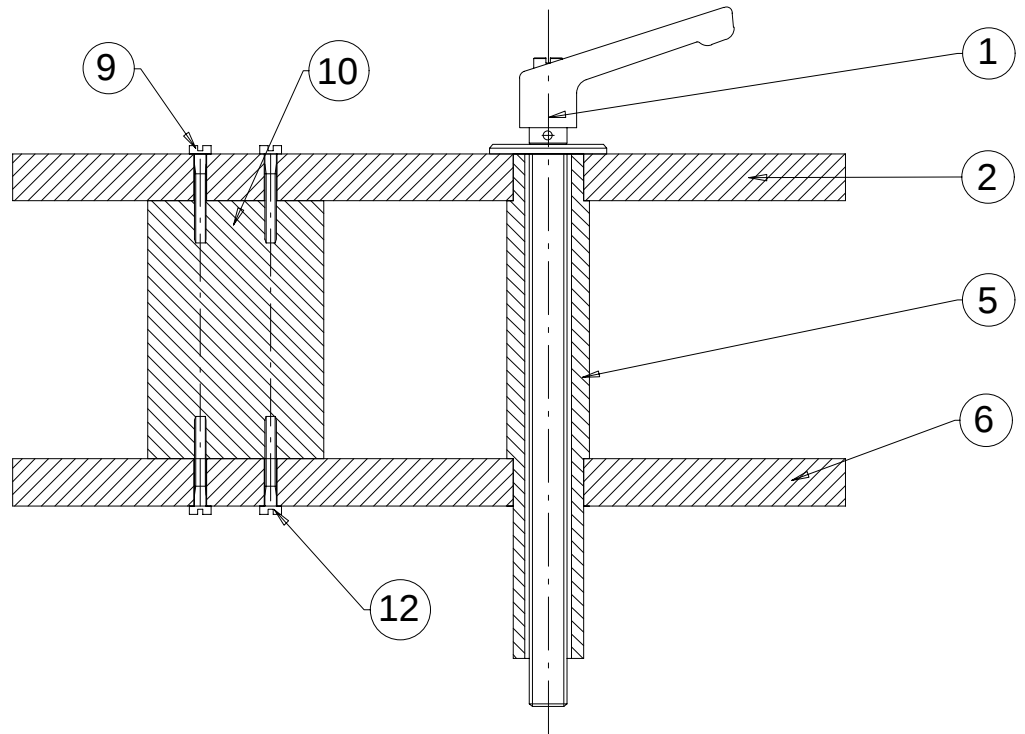


RAA415 * 463C * EUROSTAR

PART LIST
XR26PP038D**DESIGNATION**
INTERNAL OUTLET GUIDE*DRAWING 382889*

<i>POS.</i>	<i>ITEM</i>	<i>DESIGNATION</i>	<i>Q.TY</i>	<i>S</i>	<i>R</i>	<i>K</i>
1	372654/034	HANDLE	2 N.	S		
2	80PR001H97	GUIDE	1 N.			
5	372641/048	SPACER	2 N.			
6	80PR001I05	GUIDE	1 N.			
9	HQZ680	SCREW	4 N.			
10	350056/057	SPACER	2 N.			
12	HQZ680	SCREW	4 N.			

A-A



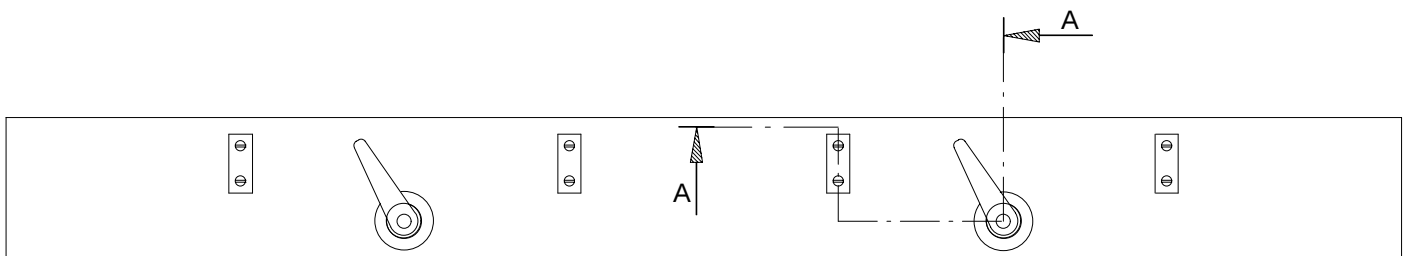
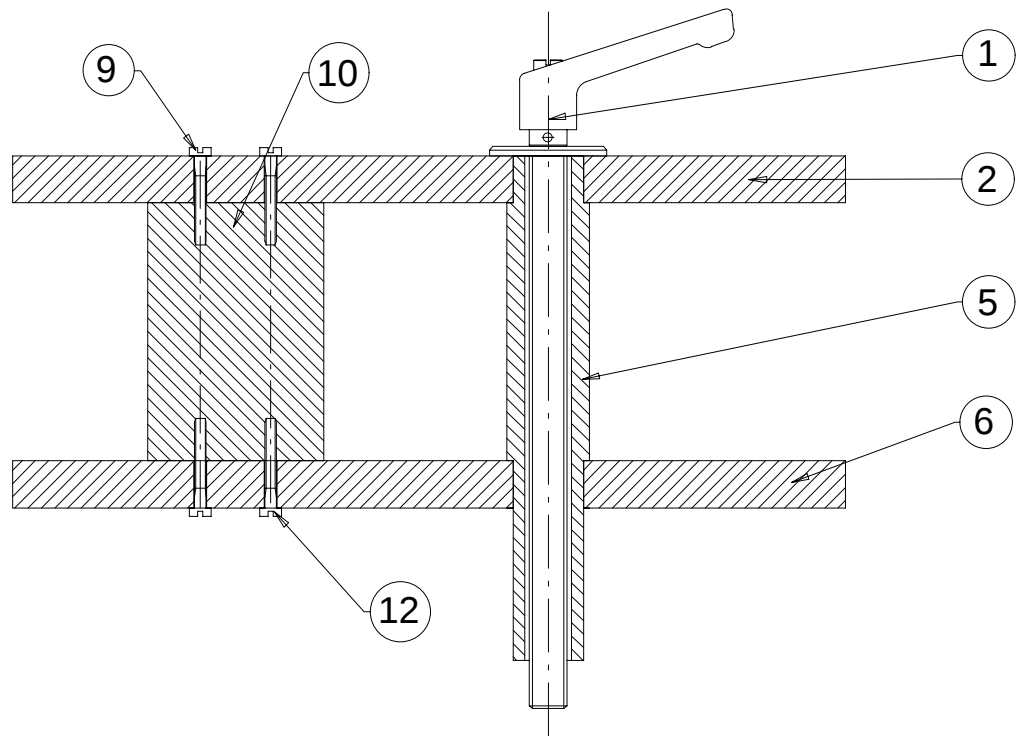


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PART LIST
XR27PP0240**DESIGNATION**
EXTERNAL OUTLET GUIDE*DRAWING 382889*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/034	HANDLE	2 N.	S		
2	80PR001I13	GUIDE	1 N.			
5	372641/048	SPACER	2 N.			
6	80PR001I21	GUIDE	1 N.			
9	HQZ680	SCREW	10 N.			
10	350056/058	SPACER	1 N.			
10	350056/057	SPACER	1 N.			
10	350056/055	SPACER	1 N.			
12	HQZ680	SCREW	10 N.			

A-A



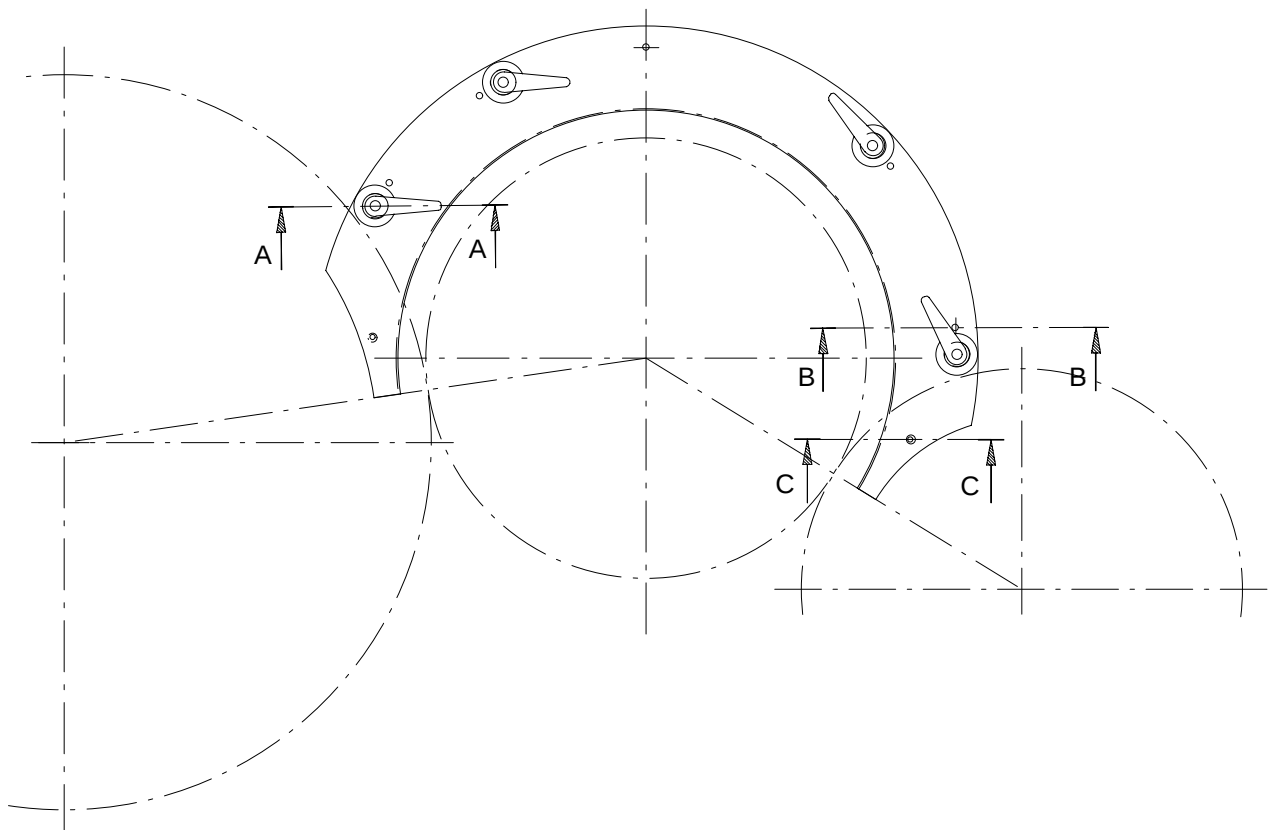
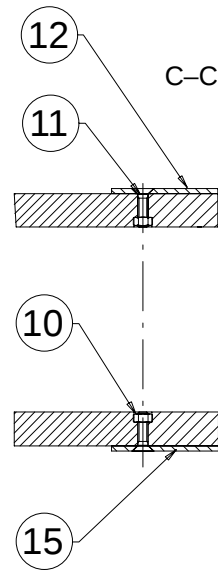
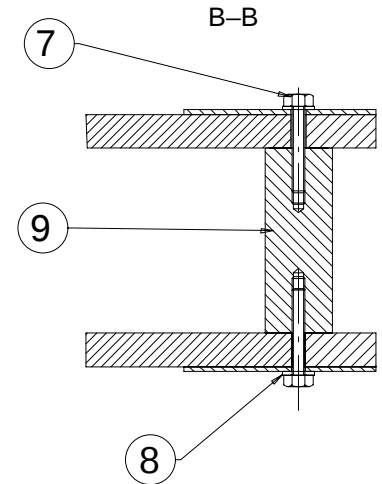
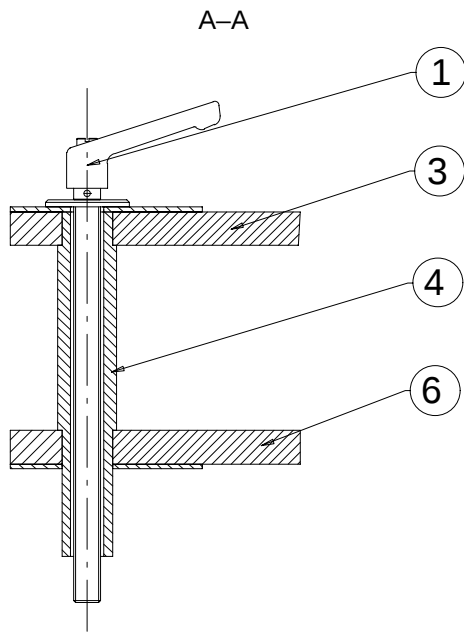


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PART LIST
XR29PP020B**DESIGNATION**
GUIDE

DRAWING 382890

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/001	HANDLE	4 N.	S		
3	80PR001H34	GUIDE	1 N.			
4	372641/156	SPACER	4 N.			
6	80PR001H42	GUIDE	1 N.			
7	HLE030	SCREW	10 N.			
8	HRU108	SPRINGWASHER	10 N.			
9	372639/087	COLUMN	5 N.			
10	HRP006	NUT	4 N.			
11	HNR020	SCREW	4 N.			
12	189596	SHEET	1 N.			
15	189598	SHEET	1 N.			

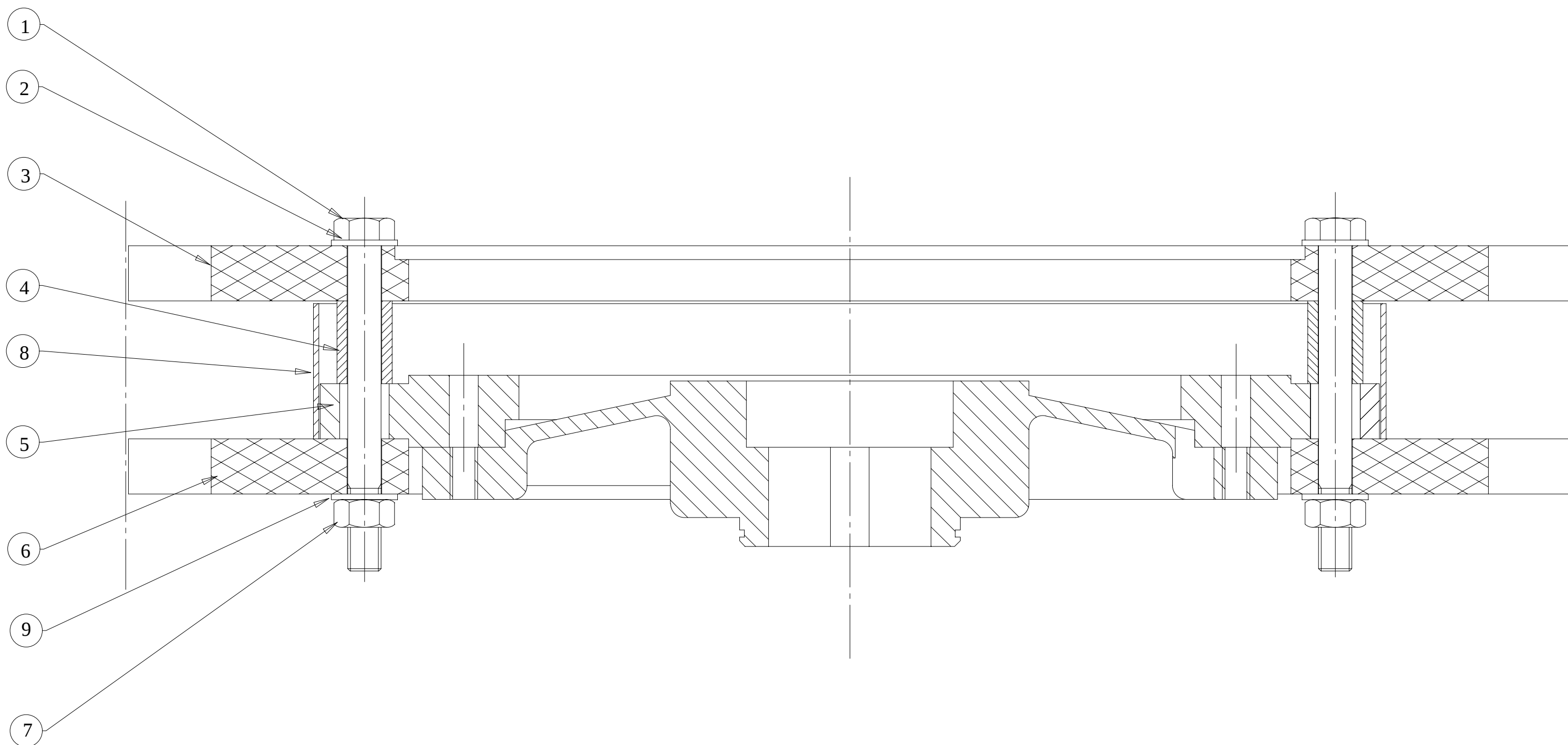




RAA415 * 463C * EUROSTAR

PART LIST
XR38PP026E**DESIGNATION**
STARWHEEL*DRAWING 172675*

<i>POS.</i>	<i>ITEM</i>	<i>DESIGNATION</i>	<i>Q.TY</i>	<i>S</i>	<i>R</i>	<i>K</i>
1	9090D012X165	SCREW	5 N.			
2	HRU012	WASHER	5 N.			
3	445302	STARWHEEL	1 N.			
4	372633/043	SPACER	5 N.			
5	183972/001	HUB	1 N.			
6	445303	STARWHEEL	1 N.			
7	HRP012	NUT	5 N.			
8	292793/179	CYLINDER	1 N.			
9	HRU012	WASHER	5 N.			



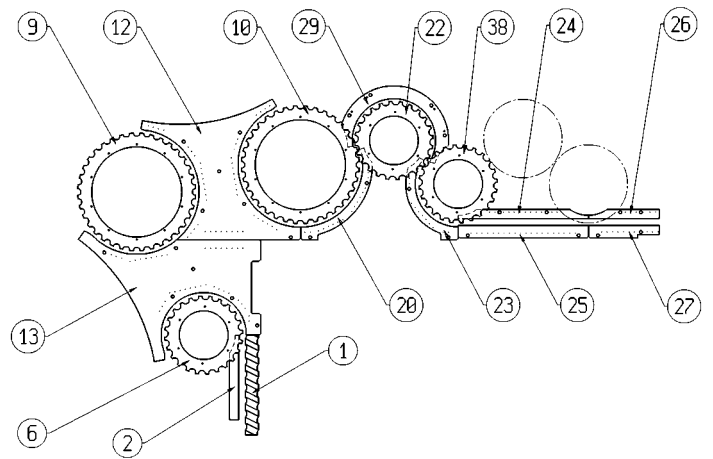


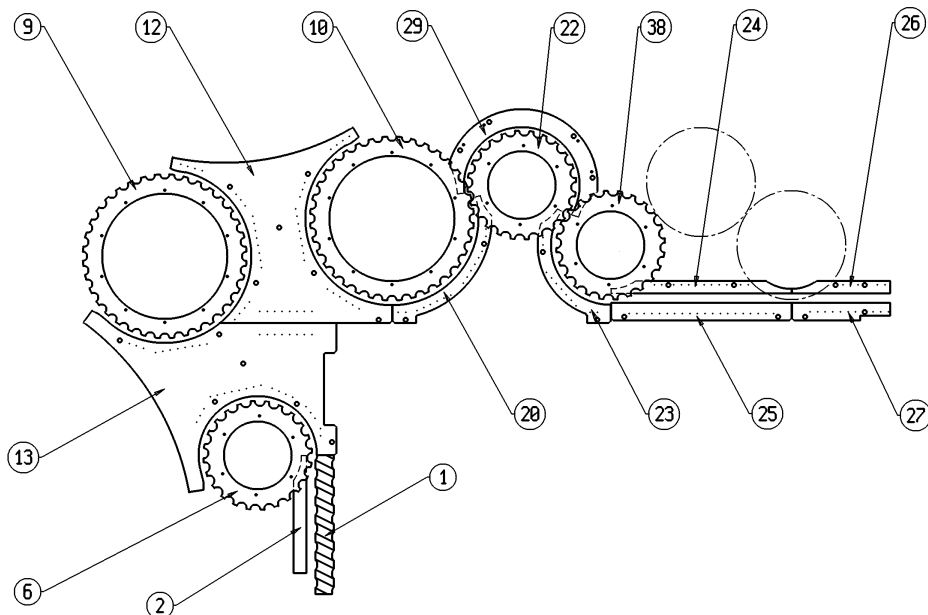
RAA415 * 463C * EUROSTAR

PART LIST
X000MRAA415**DESIGNATION**
HANDLING PARTS

DRAWING 444467 444428 445577

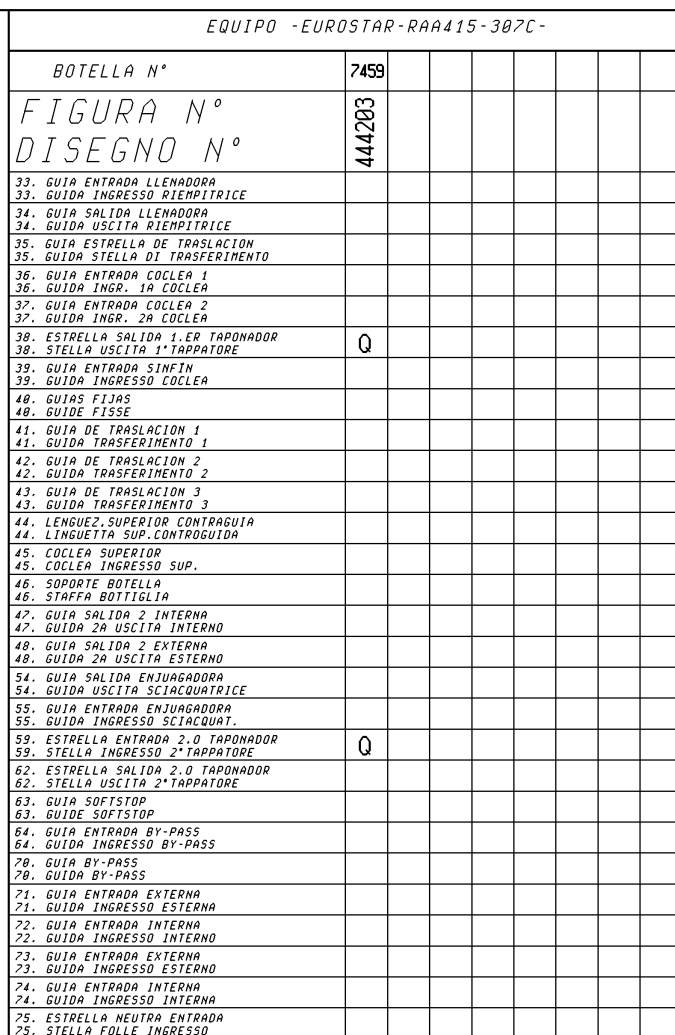
POS.	ITEM	DESIGNATION	Q.TY	S	R	K
6906	XR06PP020L	STARWHEEL	1 N.			
6913	XR13PP005W	GUIDE	1 N.			
6920	XR20PP006P	GUIDE	1 N.			
6922	XR22PP014E	STARWHEEL	1 N.			
6923	XR23PP012W	GUIDES	1 N.			
6924	XR24PP008K	GUIDES	1 N.			
6925	XR25PP007B	GUIDES	1 N.			
6926	XR26PP038E	INTERNAL OUTLET GUIDE	1 N.			
6927	XR27PP024P	EXTERNAL OUTLET GUIDE	1 N.			
6929	XR29PP020D	GUIDE	1 N.			
6938	XR38PP026F	STARWHEEL	1 N.			





EQUIPO -EUROSTAR-RAA415-307C-								
BOTELLA N°	6982	6983	6984	7105	7106	6981	7463	7464
FIGURA N°	444423	444424	444425	444426	444427	444422	444467	444468
DISEGNO N°								
1. COCLEA ENTRADA	D	E	F	G	G	L	L	L
1. COCLEA INGRESSO	D	D	D	G	G	L	L	L
2. CONTRAGUIDA COCLEA								
2. CONTROGUIDA COCLEA								
3. COCLEA DE TRASLACION								
3. COCLEA TRASFERIMENTO								
4. CONTRAGUIDA COCLEA DE TRASL.								
4. CONTROGUIDA COCLEA TRASF.								
5. ESTRELLA PARADA BOTELLAS	D	E	F	G	G	L	L	L
5. STELLA ARRESTO BOTTIGLIE	D	E	F	G	G	L	L	L
6. ESTRELLA ENTRADA ENJUAGADORA	D	E	F	G	G	L	M	N
6. STELLA INGRESSO SCIACQ.								
7. ESTRELLA SALIDA ENJUAGADORA								
7. STELLA USCITA SCIACQ.								
8. ESTRELLA DE TRASLACION								
8. STELLA DI TRASFERIMENTO								
9. ESTRELLA ENTRADA LLENADORA	D	E	F	G	G	L	L	N
9. STELLA INGRESSO RIEMPITRICE	D	E	F	G	G	L	L	N
10. ESTRELLA SALIDA LLENADORA	D	E	F	G	G	L	L	N
10. STELLA USCITA RIEMPITRICE								
11. ESTRELLA BY-PASS								
11. STELLA BY-PASS								
12. GUIDA CENTRAL LLENADORA	D	E	F	G	G	L	L	L
12. GUIDA CENTRALE RIEMPITRICE	D	E	F	G	G	L	L	L
13. GUIDA CENTRAL ENJUAGADORA	D	E	F	G	G	L	M	N
13. GUIDA CENTRALE SCIACQUATR.								
14. GUIDA ENTRADA TAPADORA								
14. GUIDA INGRESSO TAPPATORE								
15. GUIDA CENTRAL TAPADORA								
15. GUIDA CENTRALE TAPPATORE								
16. ESTRELLA TAPADORA								
16. STELLA TAPPATORE								
17. GUIDA EXTERNA TAPADORA CON CORREA								
17. GUIDA EXTERNA TAPP. CON CINGHIOLLO								
18. GUIDA EXTERNA TAPADORA								
18. GUIDA EXTERNA TAPPATORE								
19. GUIDA SALIDA TAPADORA								
19. GUIDA USCITA TAPPATORE								
20. GUIDA ENTRADA CAPSULADORA	D	E	F	G	H	L	M	N
20. GUIDA INGRESSO CAPSULATRICE								
21. GUIDA CENTRAL CAPSULADORA								
21. GUIDA CENTRALE CAPSULATRICE								
22. ESTRELLA CAPSULADORA	D	E	F	G	H	L	M	N
22. STELLA CAPSULATRICE	D	E	F	G	H	L	M	N
23. GUIDA SALIDA CAPSULADORA	D	E	F	G	H	L	M	N
23. GUIDA USCITA CAPSULATRICE								
24. GUIDA SALIDA INT. INTERMEDIA	D	E	F	G	H	L	M	N
24. GUIDA USCITA INT. INTERMEDIA	D	E	F	G	G	L	M	N
25. GUIDA SALIDA EXT. INTERMEDIA	D	E	F	G	G	L	M	N
25. GUIDA USCITA EXT. INTERMEDIA	D	E	F	G	G	L	M	N
26. GUIDA SALIDA INTERNA	D	E	F	G	G	L	M	N
26. GUIDA USCITA INTERNA	D	E	F	G	G	L	M	N
27. GUIDA SALIDA EXTERNA	D	E	F	G	G	L	M	N
27. GUIDA USCITA EXTERNA								
28. GUIDA CIRCULAR SALIDA								
28. GUIDA USCITA CIRCOLARE								
29. GUIDA EXTERNA CAPSULADORA	D	E	F	G	H	L	M	N
29. GUIDA EXTERNA CAPSULATRICE								
30. GUIDA BY-PASS ENJUAGADORA								
30. GUIDA BY-PASS SCIACQUATRICE								
31. ESTRELLA ENTRADA COCLEA 1								
31. STELLA INGR. 1A COCLEA								
32. ESTRELLA ENTRADA COCLEA 2								
32. STELLA INGR. 2A COCLEA								

EQUIPO -EUROSTAR-RAA415-307C-								
BOTELLA N°	6982	6983	6984	7105	7106	6981	7463	7464
FIGURA N°	444423	444424	444425	444426	444427	444422	444467	444468
DISEGNO N°								
33. GUIDA ENTRADA LLENADORA								
33. GUIDA INGRESSO RIEMPITRICE								
34. GUIDA SALIDA LLENADORA								
34. GUIDA USCITA RIEMPITRICE								
35. GUIDA ESTRELLA DE TRASLACION								
35. GUIDA STELLA DI TRASFERIMENTO								
36. GUIDA ENTRADA COCLEA 1								
36. GUIDA INGR. 1A COCLEA								
37. GUIDA ENTRADA COCLEA 2								
37. GUIDA INGR. 2A COCLEA								
38. ESTRELLA SALIDA 1.ER TAPONADOR	D	E	F	G	G	L	M	N
38. STELLA USCITA 1°TAPPATORE								
39. GUIDA ENTRADA SINFIN								
39. GUIDA INGRESSO COCLEA								
40. GUIDAS FIJAS								
40. GUIDE FISSE								
41. GUIDA DE TRASLACION 1								
41. GUIDA TRASFERIMENTO 1								
42. GUIDA DE TRASLACION 2								
42. GUIDA TRASFERIMENTO 2								
43. GUIDA DE TRASLACION 3								
43. GUIDA TRASFERIMENTO 3								
44. LENGÜETZ SUPERIOR CONTRAGUIDA								
44. LINGUETTA SUP. CONTROGUIDA								
45. COCLEA SUPERIOR	D	E	F	G	G			
45. COCLEA INGRESSO SUP.								
46. SOPORTE BOTELLA								
46. STAFFA BOTTIGLIA								
47. GUIDA SALIDA 2 INTERNA								
47. GUIDA 2A USCITA INTERNO								
48. GUIDA SALIDA 2 EXTERNA								
48. GUIDA 2A USCITA ESTERNO								
54. GUIDA SALIDA ENJUAGADORA								
54. GUIDA USCITA SCIACQUATRICE								
55. GUIDA ENTRADA ENJUAGADORA								
55. GUIDA INGRESSO SCIACQUATR.								
59. ESTRELLA ENTRADA 2.0 TAPONADOR								
59. STELLA INGRESSO 2°TAPPATORE								
62. ESTRELLA SALIDA 2.0 TAPONADOR								
62. STELLA USCITA 2°TAPPATORE								
63. GUIDA SOFTSTOP								
63. GUIDE SOFTSTOP								
64. GUIDA ENTRADA BY-PASS								
64. GUIDA INGRESSO BY-PASS								
70. GUIDA BY-PASS								
70. GUIDA BY-PASS								
71. GUIDA ENTRADA EXTERNA								
71. GUIDA INGRESSO EXTERNA								
72. GUIDA ENTRADA INTERNA								
72. GUIDA INGRESSO INTERNO								
73. GUIDA ENTRADA EXTERNA								
73. GUIDA INGRESSO ESTERNO								
74. GUIDA ENTRADA INTERNA								
74. GUIDA INGRESSO INTERNA								
75. ESTRELLA NEUTRA ENTRADA								
75. STELLA FOLLE INGRESSO								

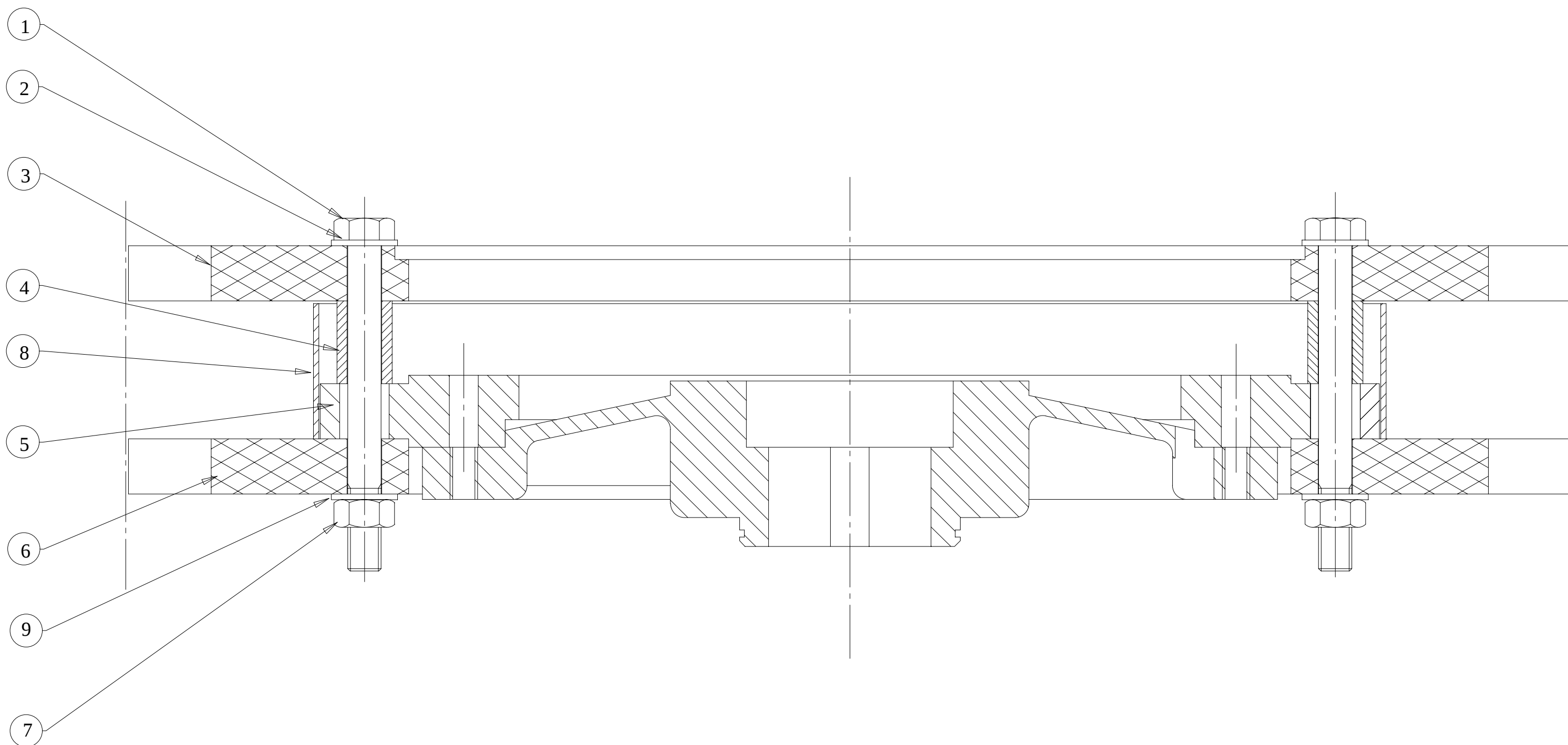




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PART LIST
XR06PP020L**DESIGNATION**
STARWHEEL**DRAWING 172675**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	9090D012X165	SCREW	5 N.			
2	HRU012	WASHER	5 N.			
3	445333	STARWHEEL	1 N.			
4	372633/043	SPACER	5 N.			
5	183972/002	HUB	1 N.			
6	445334	STARWHEEL	1 N.			
7	HRP012	NUT	5 N.			
8	292793/019	CYLINDER	1 N.			
9	HRU012	WASHER	5 N.			



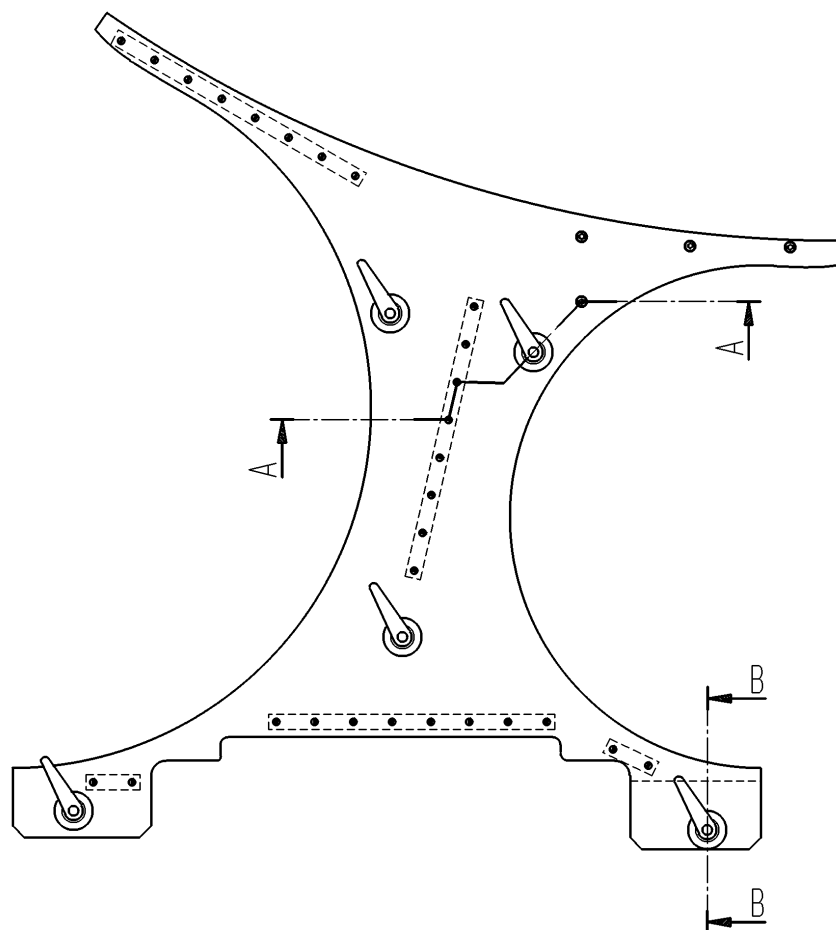
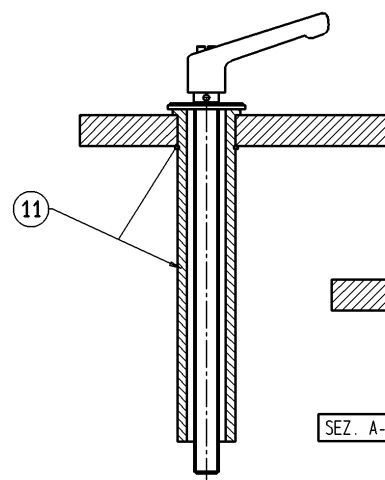
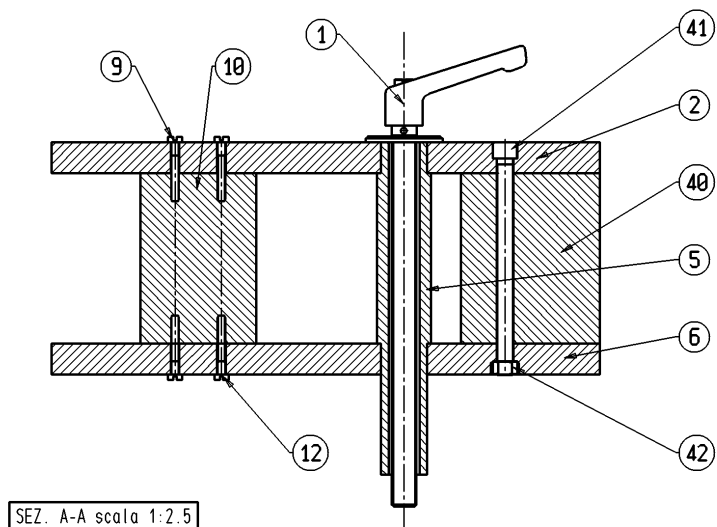


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PART LIST
XR13PP005W**DESIGNATION**
GUIDE

DRAWING 445865

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/034	HANDLE	5 N.	S		
2	80PR001G77	GUIDE	1 N.			
5	372641/048	SPACER	4 N.			
6	80PR001G69	GUIDE	1 N.			
9	HQZ680	SCREW	27 N.			
10	350056/243	SPACER	1 N.			
10	350056/186	SPACER	1 N.			
10	350056/183	SPACER	1 N.			
10	350056/058	SPACER	1 N.			
10	350056/057	SPACER	1 N.			
11	HZF030	EXTERNAL RETAINING RING	1 N.			
11	372637/017	STUD	1 N.			
12	HQZ680	SCREW	27 N.			
40	80PR001G85	TAB	1 N.			
41	HME168	SCREW	5 N.			
42	HRP008	NUT	5 N.			



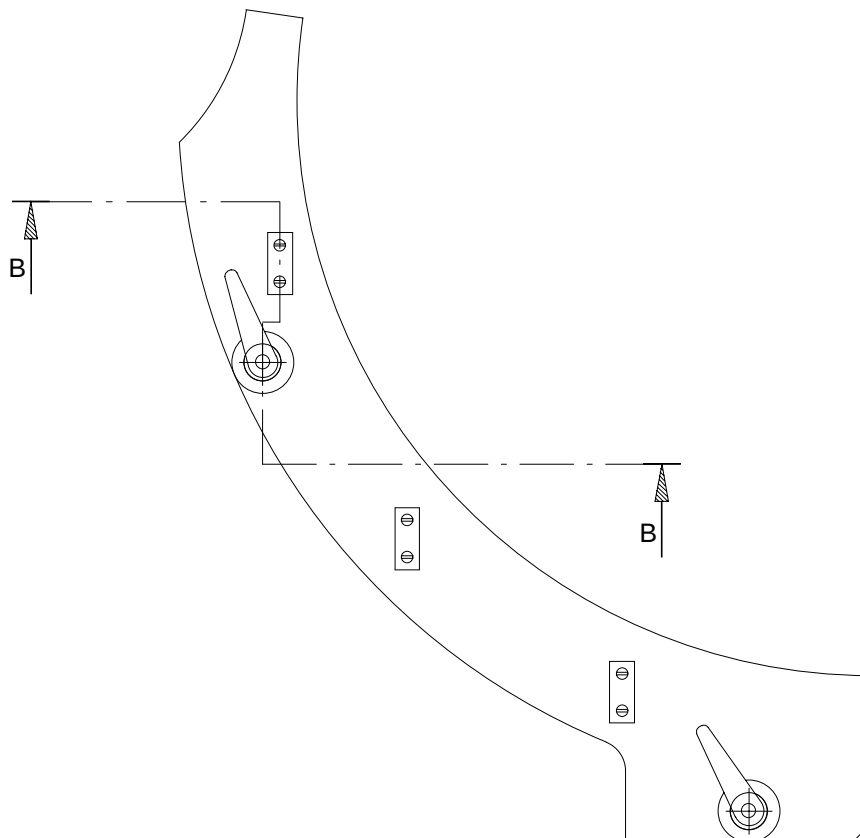
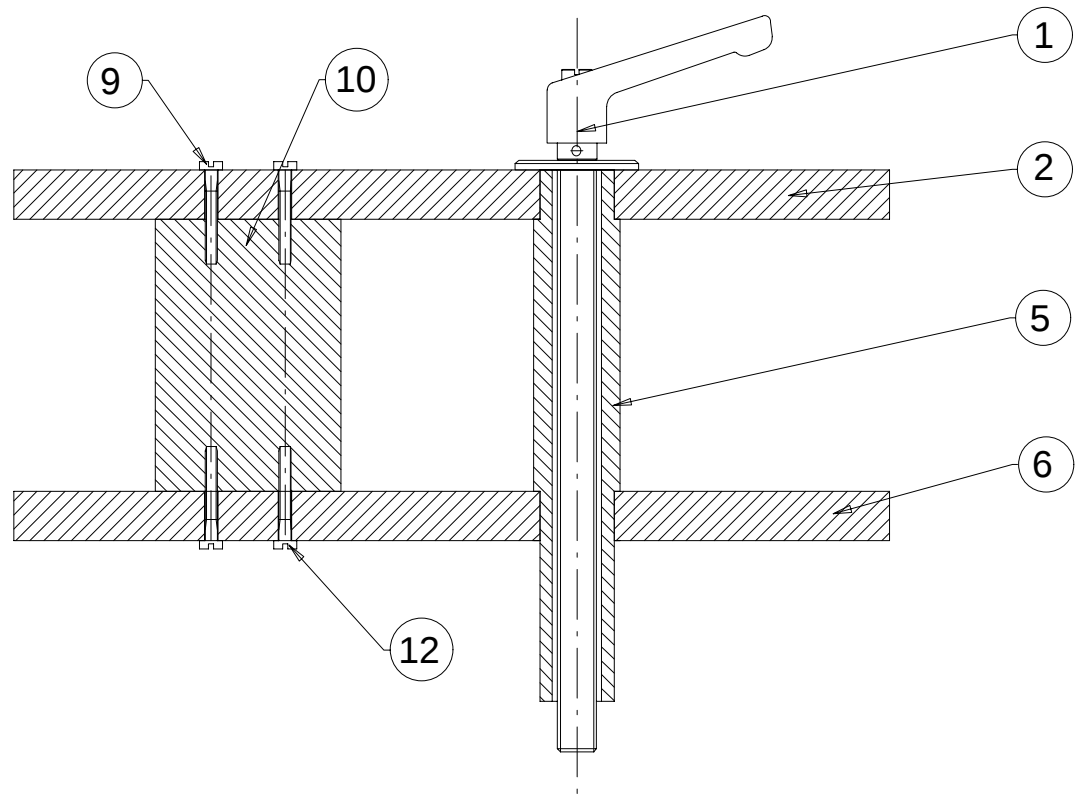


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PART LIST
XR20PP006P**DESIGNATION**
GUIDE*DRAWING 382888*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/001	HANDLE	2 N.	S		
2	80PR001H19	GUIDE	1 N.			
5	372641/099	SPACER	2 N.			
6	80PR001H27	GUIDE	1 N.			
9	HQZ680	SCREW	14 N.			
10	350056/132	SPACER	3 N.			
10	350056/035	SPACER	1 N.			
12	HQZ680	SCREW	14 N.			

B-B

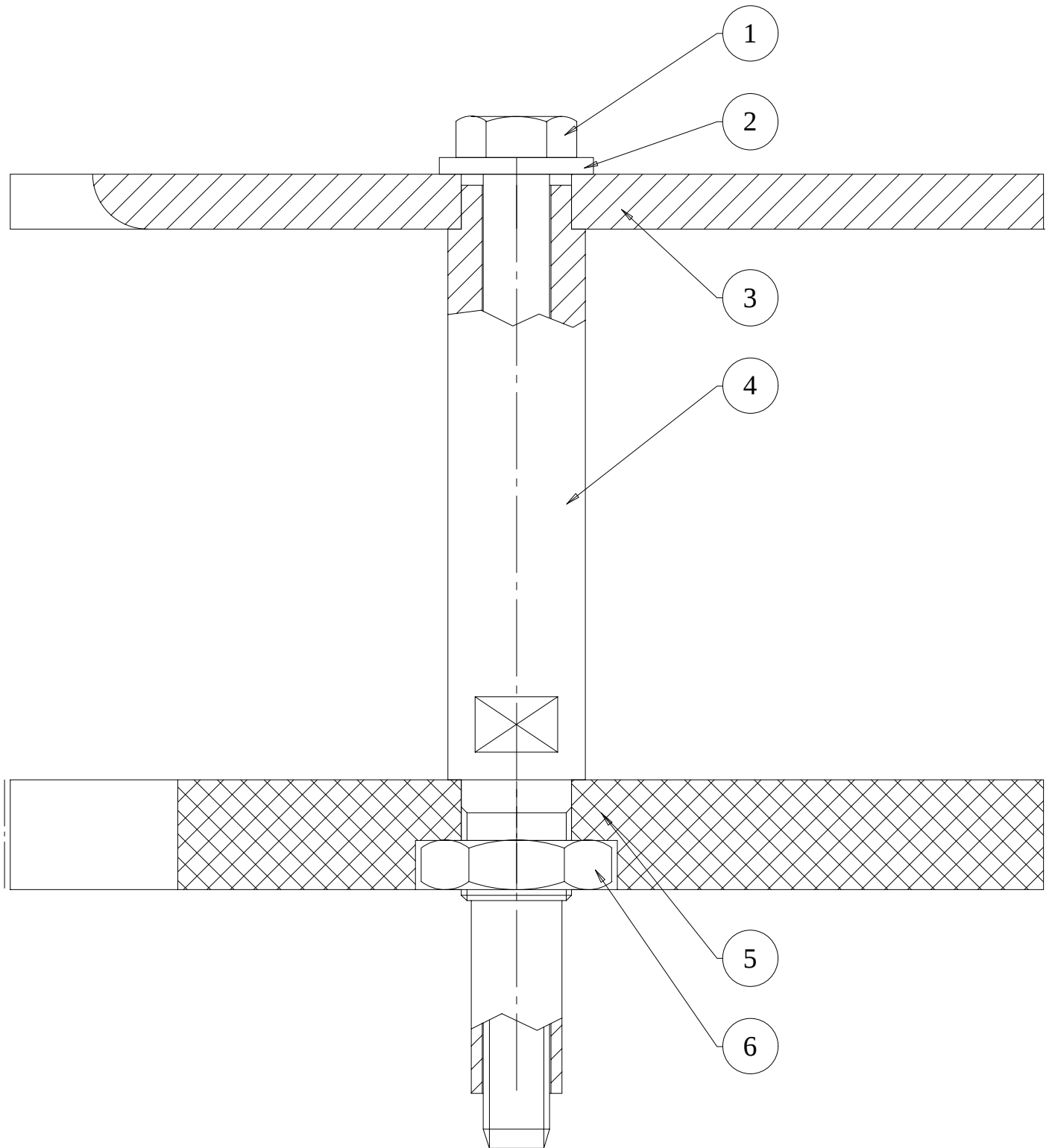




RAA415 * 463C * EUROSTAR

PART LIST
XR22PP014E**DESIGNATION**
STARWHEEL*DRAWING 177044*

<i>POS.</i>	<i>ITEM</i>	<i>DESIGNATION</i>	<i>Q.TY</i>	<i>S</i>	<i>R</i>	<i>K</i>
1	9090D012X185	ADJUSTMENT SCREW	6 N.			
2	005103/098	WASHER	6 N.			
3	329811/026	STARWHEEL	1 N.			
4	372642/028	SPACER	6 N.			
5	329809/077	STARWHEEL	1 N.			
6	HRP220	NUT	6 N.			



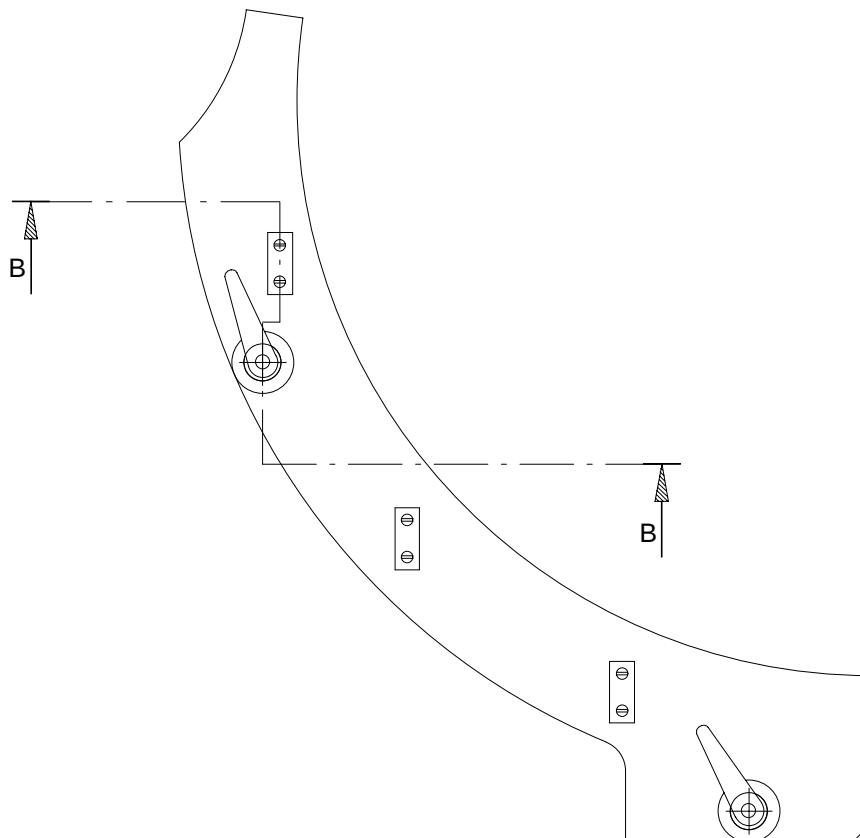
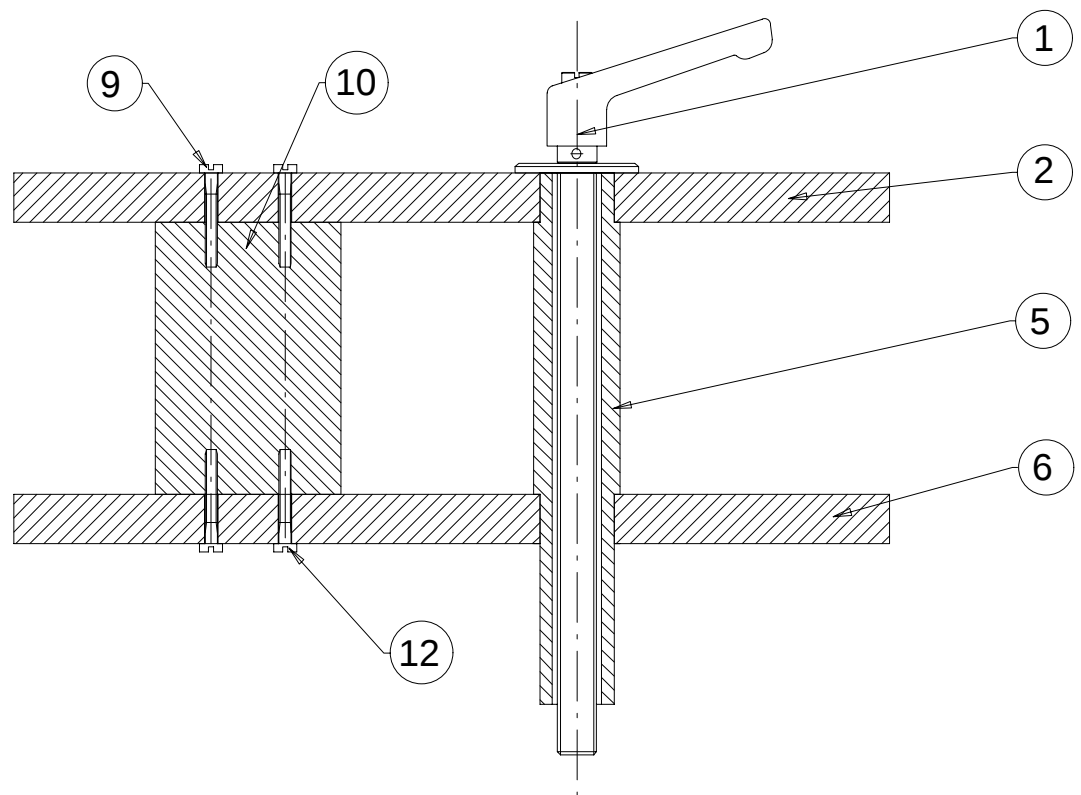


RAA415 * 463C * EUROSTAR

PART LIST
XR23PP012W**DESIGNATION**
GUIDES*DRAWING 382888*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/001	HANDLE	2 N.	S		
2	80PR001H51	GUIDE	1 N.			
5	372641/099	SPACER	2 N.			
6	80PR001H59	GUIDE	1 N.			
9	HQZ680	SCREW	11 N.			
10	350056/134	SPACER	3 N.			
10	350056/035	SPACER	1 N.			
12	HQZ680	SCREW	11 N.			

B-B



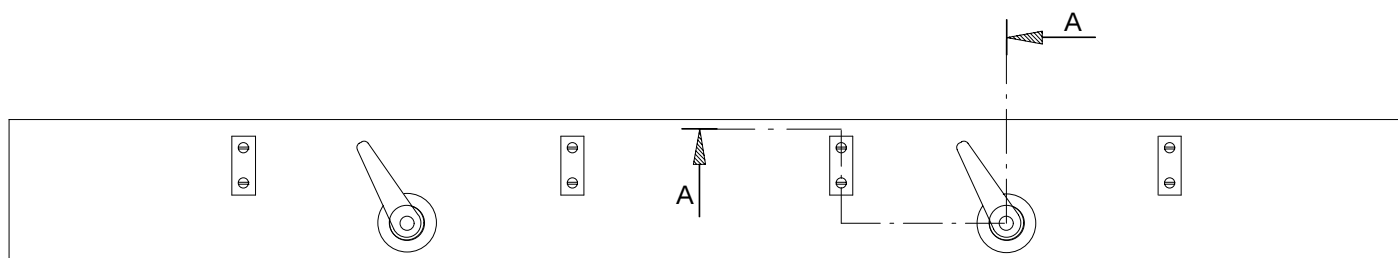
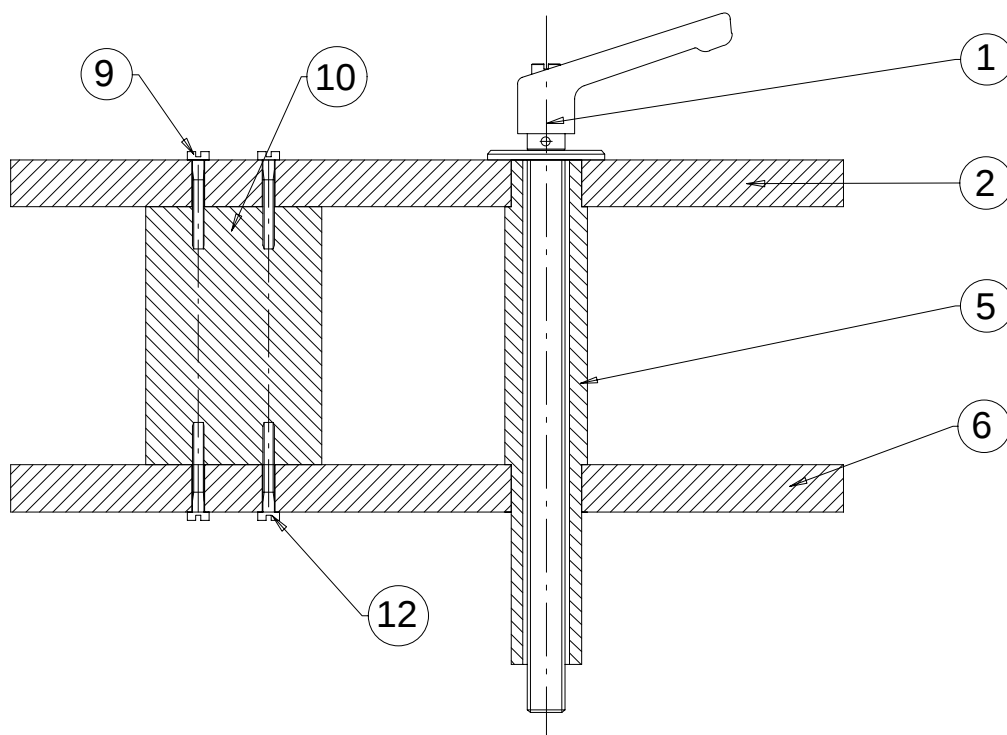


RAA415 * 463C * EUROSTAR

PART LIST
XR24PP008K**DESIGNATION**
GUIDES*DRAWING 382889*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/001	HANDLE	2 N.	S		
2	80PR001H67	GUIDE	1 N.			
5	372641/156	SPACER	2 N.			
6	80PR001H75	GUIDE	1 N.			
9	HQZ632	SCREW	6 N.			
10	350058/002	SPACER	3 N.			
12	HQZ632	SCREW	6 N.			

A-A



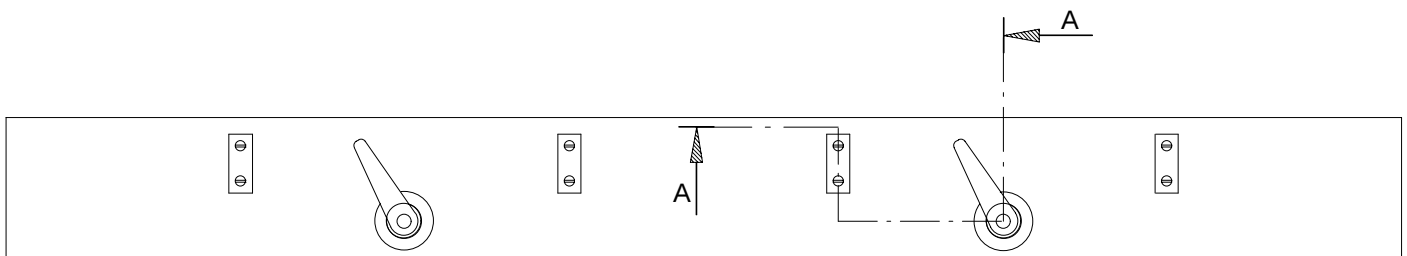
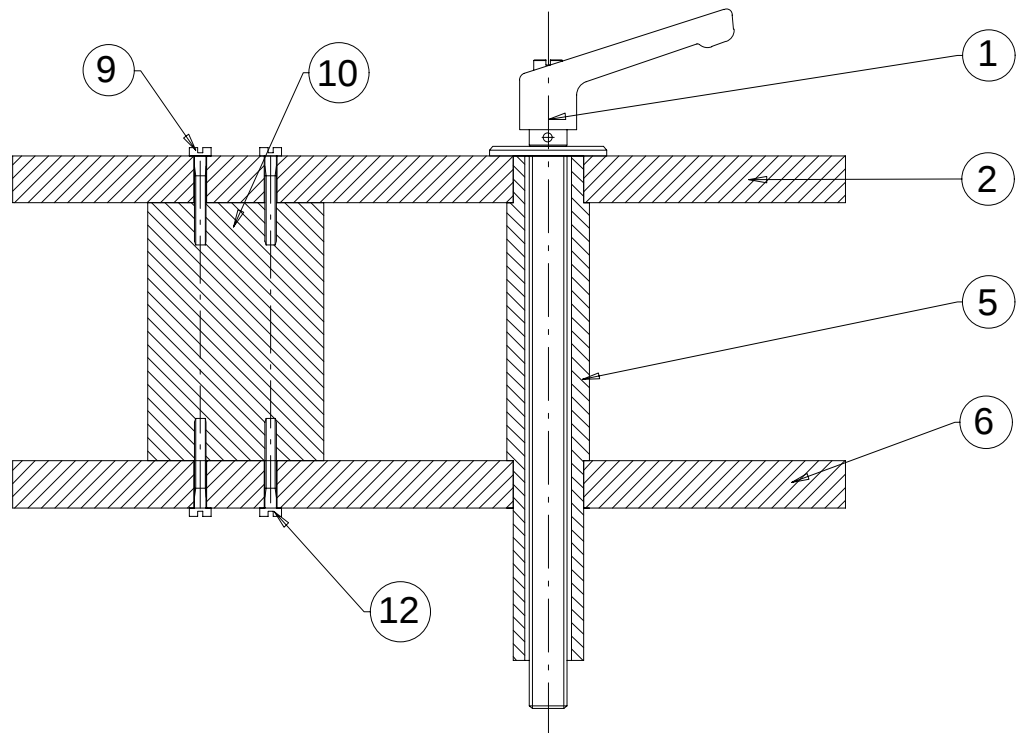


RAA415 * 463C * EUROSTAR

PART LIST
XR25PP007B**DESIGNATION**
GUIDES*DRAWING 382889*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/034	HANDLE	2 N.	S		
2	80PR001H82	GUIDE	1 N.			
5	372641/048	SPACER	2 N.			
6	80PR001H90	GUIDE	1 N.			
9	HQZ680	SCREW	15 N.			
10	350056/184	SPACER	1 N.			
10	350056/057	SPACER	2 N.			
12	HQZ680	SCREW	15 N.			

A-A



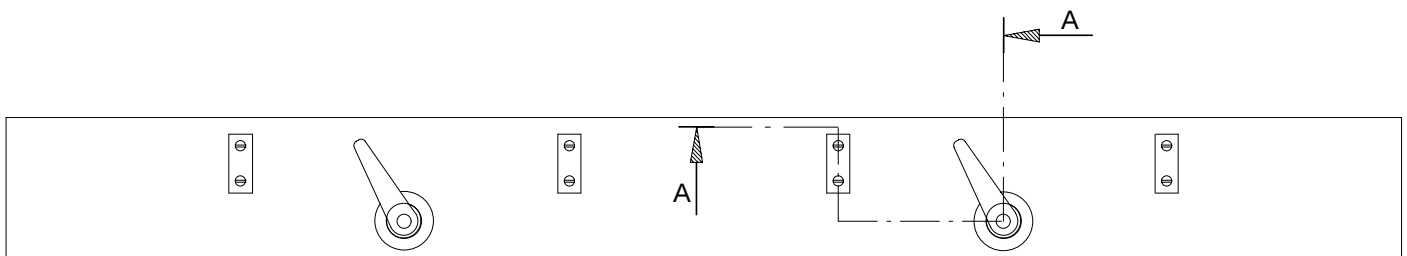
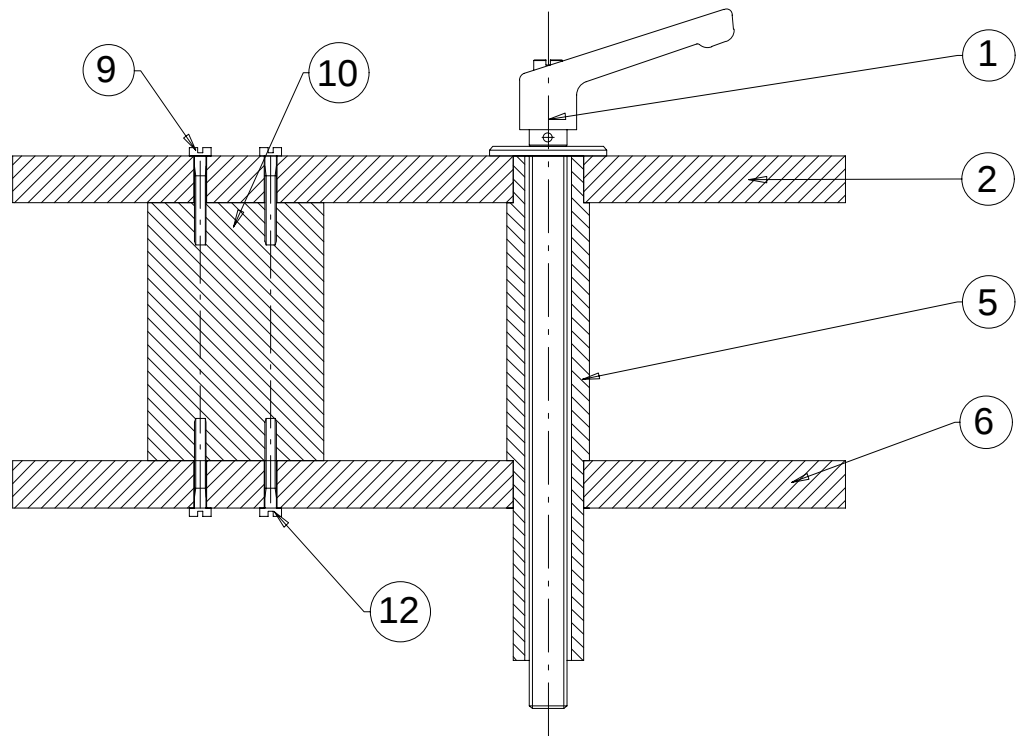


RAA415 * 463C * EUROSTAR

PART LIST
XR26PP038E**DESIGNATION**
INTERNAL OUTLET GUIDE*DRAWING 382889*

<i>POS.</i>	<i>ITEM</i>	<i>DESIGNATION</i>	<i>Q.TY</i>	<i>S</i>	<i>R</i>	<i>K</i>
1	372654/034	HANDLE	2 N.	S		
2	80PR001H98	GUIDE	1 N.			
5	372641/048	SPACER	2 N.			
6	80PR001I06	GUIDE	1 N.			
9	HQZ680	SCREW	4 N.			
10	350056/057	SPACER	2 N.			
12	HQZ680	SCREW	4 N.			

A-A



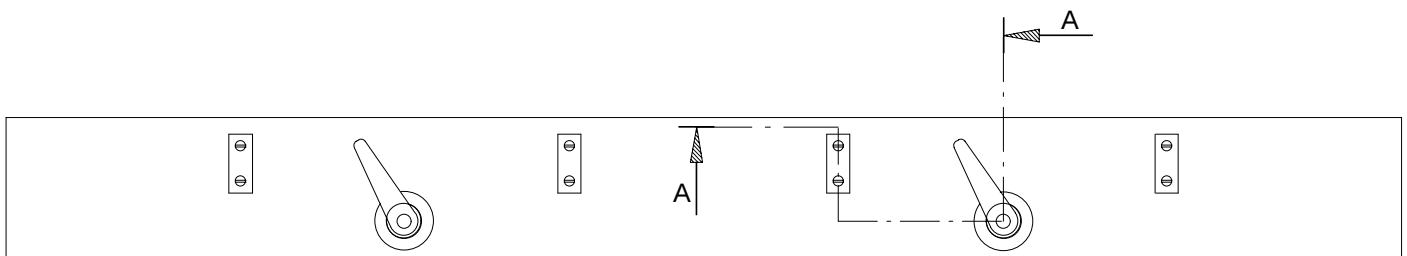
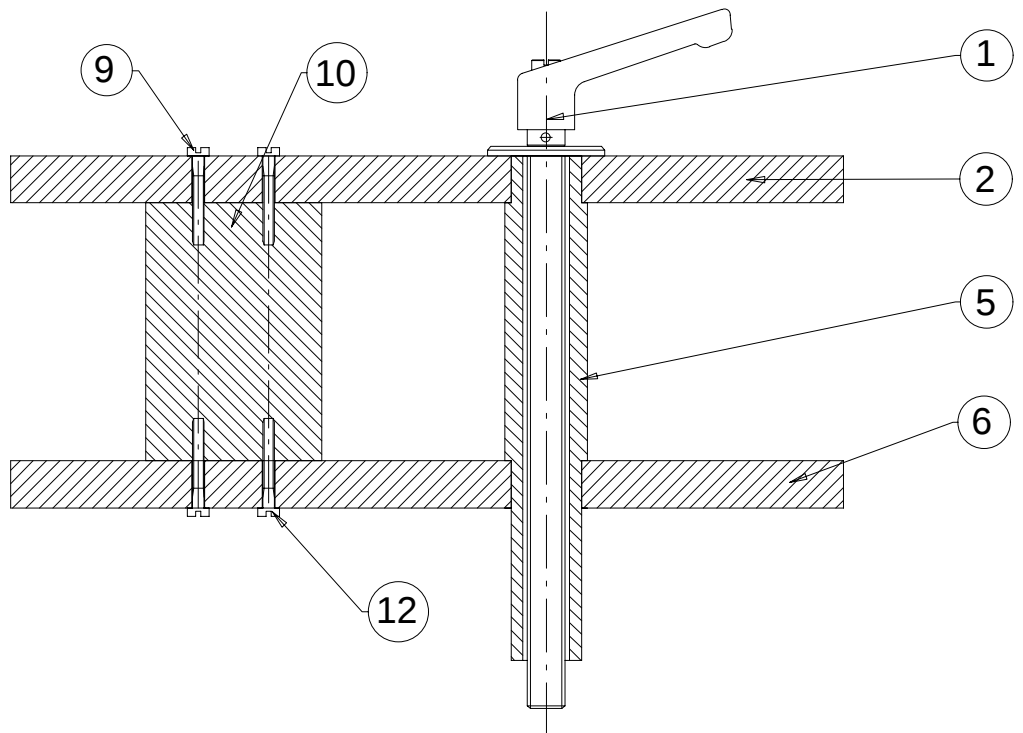


RAA415 * 463C * EUROSTAR

PART LIST
XR27PP024P**DESIGNATION**
EXTERNAL OUTLET GUIDE*DRAWING 382889*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/034	HANDLE	2 N.	S		
2	80PR001I14	GUIDE	1 N.			
5	372641/048	SPACER	2 N.			
6	80PR001I22	GUIDE	1 N.			
9	HQZ680	SCREW	10 N.			
10	350056/058	SPACER	1 N.			
10	350056/057	SPACER	1 N.			
10	350056/055	SPACER	1 N.			
12	HQZ680	SCREW	10 N.			

A-A



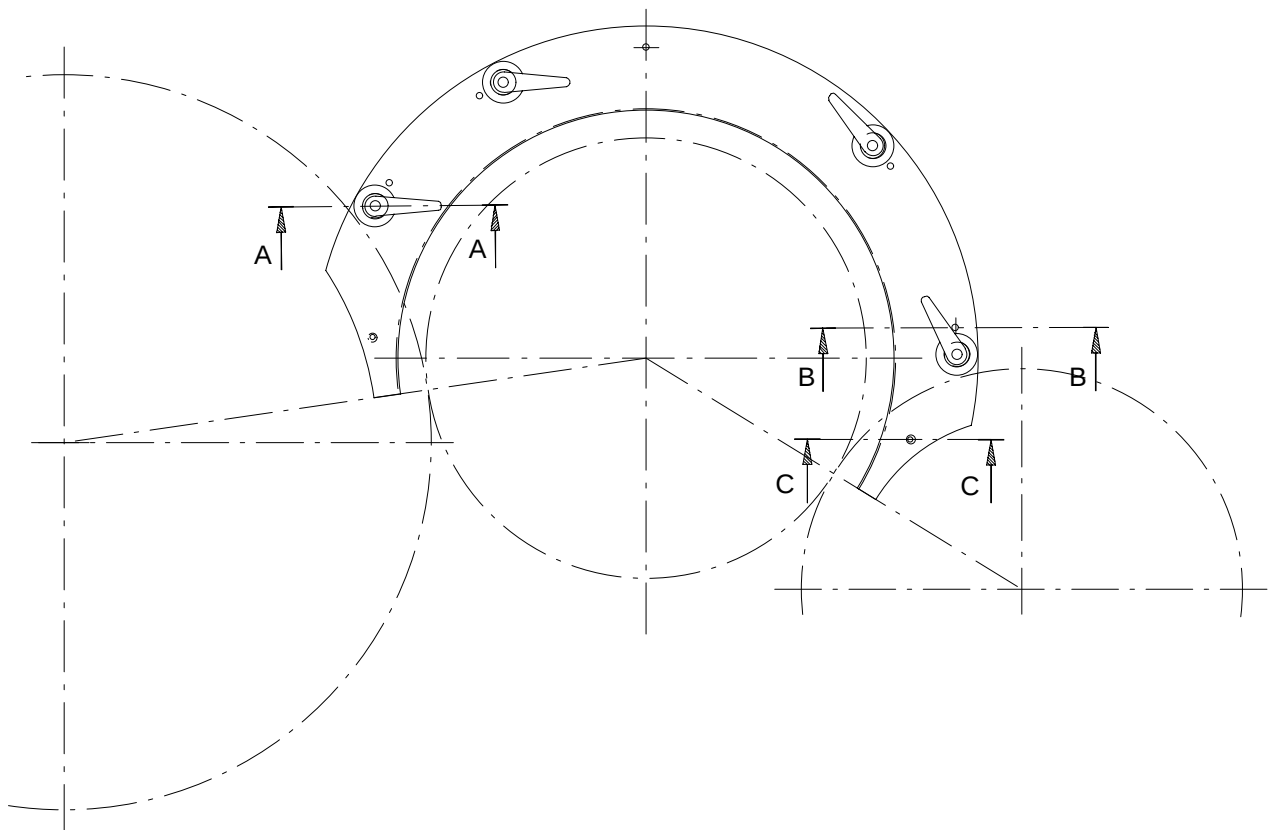
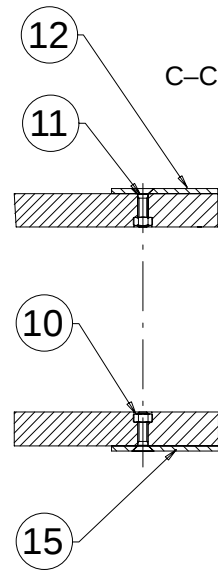
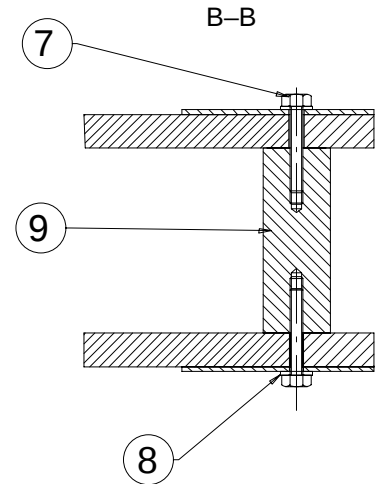
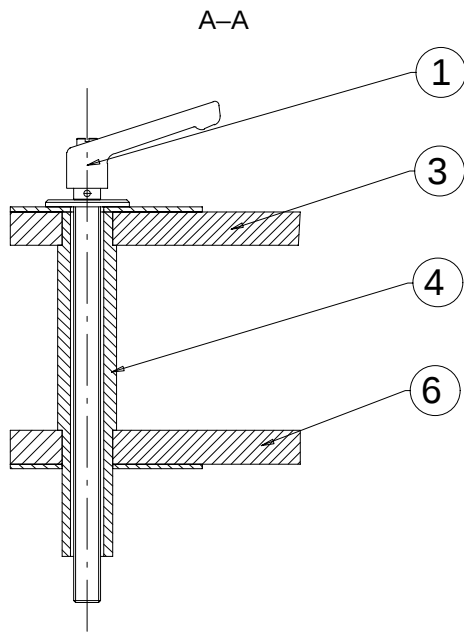


RAA415 * 463C * EUROSTAR

PART LIST
XR29PP020D**DESIGNATION**
GUIDE

DRAWING 382890

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/001	HANDLE	4 N.	S		
3	80PR001H35	GUIDE	1 N.			
4	372641/156	SPACER	4 N.			
6	80PR001H43	GUIDE	1 N.			
7	HLE030	SCREW	10 N.			
8	HRU108	SPRINGWASHER	10 N.			
9	372639/087	COLUMN	5 N.			
10	HRP006	NUT	4 N.			
11	HNR020	SCREW	4 N.			
12	189596	SHEET	1 N.			
15	189598	SHEET	1 N.			

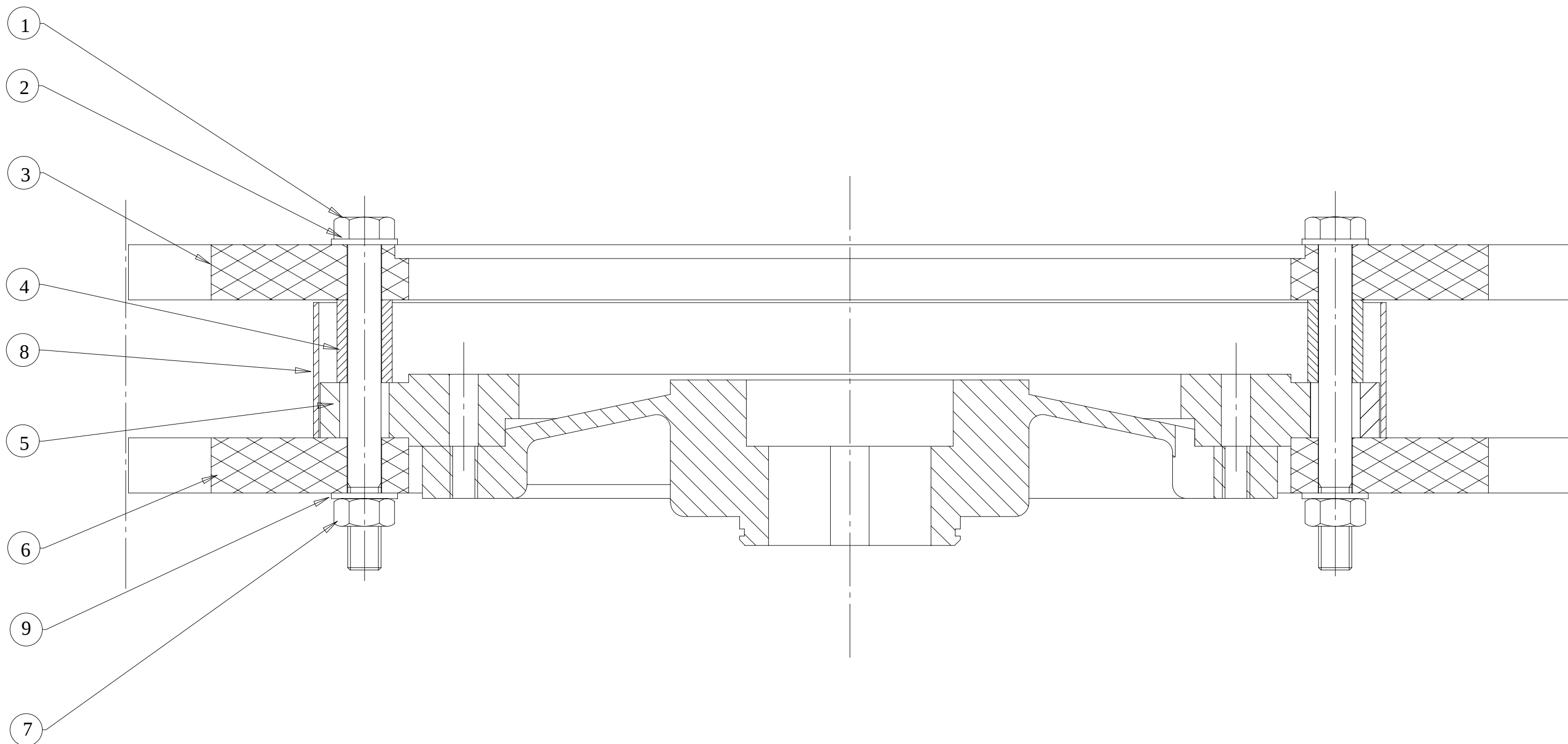




RAA415 * 463C * EUROSTAR

PART LIST
XR38PP026F**DESIGNATION**
STARWHEEL*DRAWING 172675*

<i>POS.</i>	<i>ITEM</i>	<i>DESIGNATION</i>	<i>Q.TY</i>	<i>S</i>	<i>R</i>	<i>K</i>
1	9090D012X165	SCREW	5 N.			
2	HRU012	WASHER	5 N.			
3	445336	STARWHEEL	1 N.			
4	372633/043	SPACER	5 N.			
5	183972/001	HUB	1 N.			
6	445337	STARWHEEL	1 N.			
7	HRP012	NUT	5 N.			
8	292793/179	CYLINDER	1 N.			
9	HRU012	WASHER	5 N.			



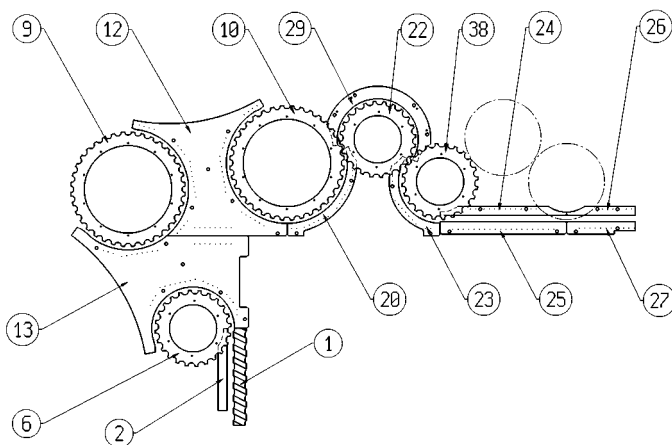
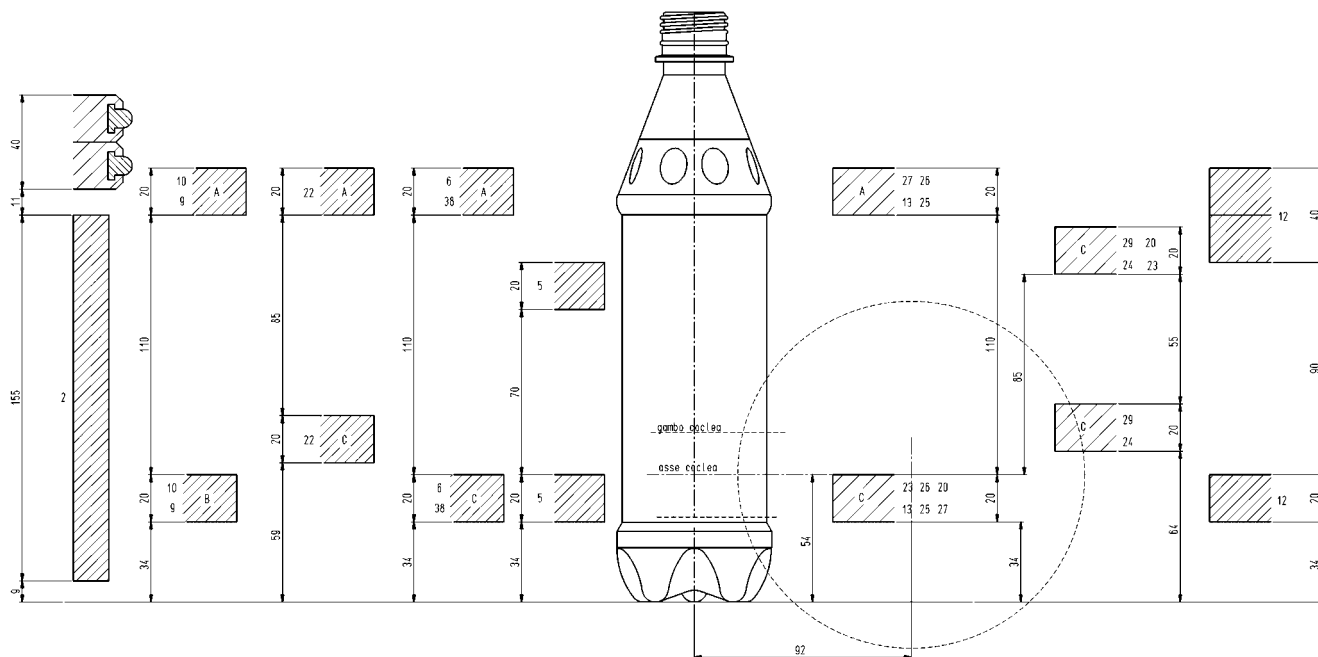


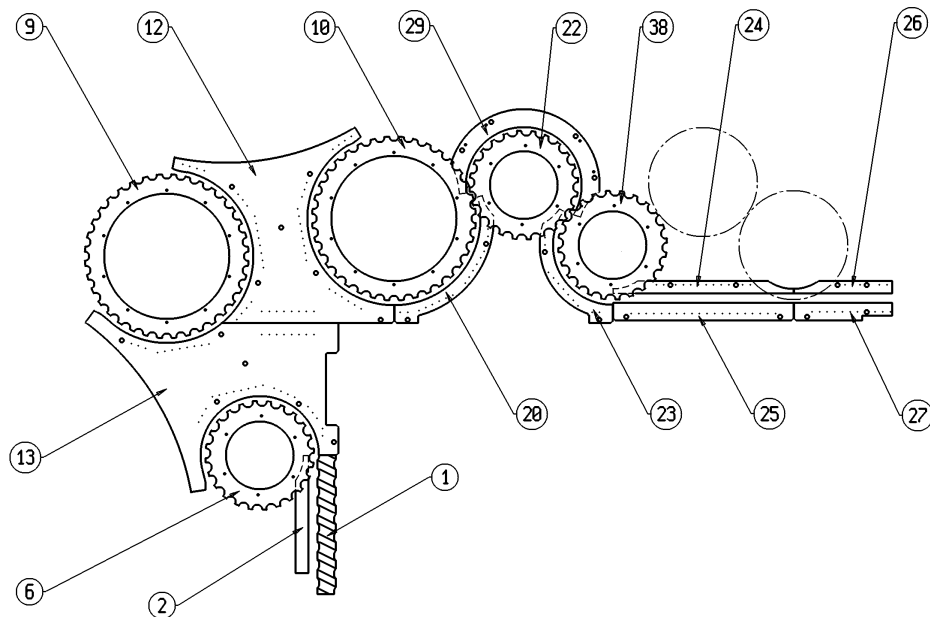
RAA415 * 463C * EUROSTAR

PART LIST
X000NRAA415**DESIGNATION**
HANDLING PARTS

DRAWING 444468 444428 445577

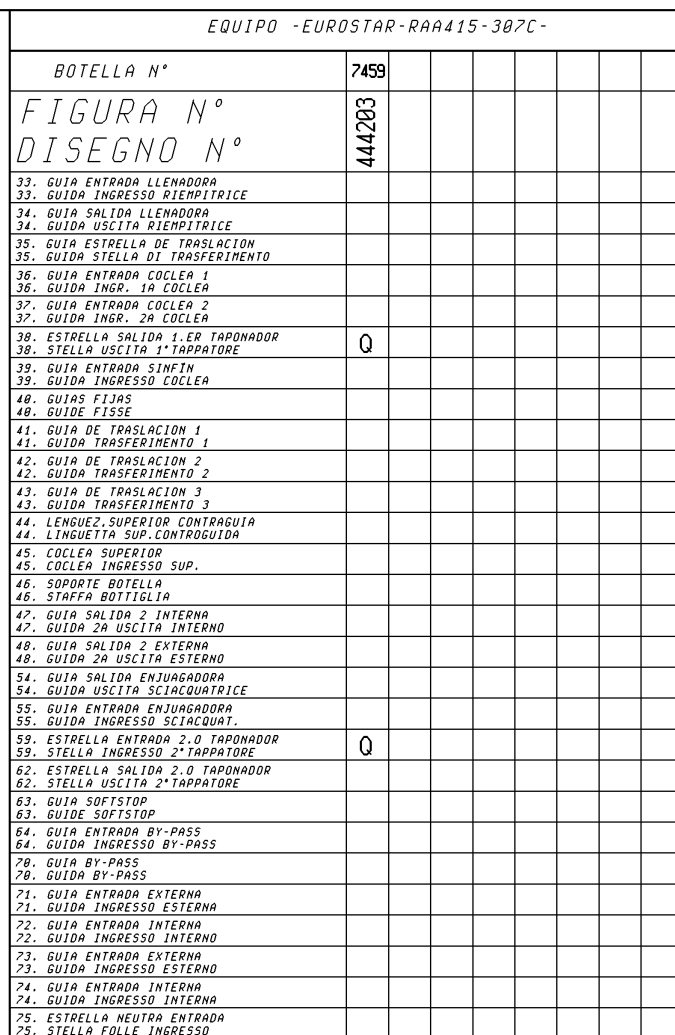
POS.	ITEM	DESIGNATION	Q.TY	S	R	K
7106	XR06PP020M	STARWHEEL	1 N.			
7109	XR09PP023H	STARWHEEL	1 N.			
7110	XR09PP023H	STARWHEEL	1 N.			
7113	XR13PP005X	GUIDE	1 N.			
7120	XR20PP006Q	GUIDE	1 N.			
7122	XR22PP014F	STARWHEEL	1 N.			
7123	XR23PP012X	GUIDES	1 N.			
7124	XR24PP008L	GUIDES	1 N.			
7125	XR25PP007C	GUIDES	1 N.			
7126	XR26PP038F	INTERNAL OUTLET GUIDE	1 N.			
7127	XR27PP024Q	EXTERNAL OUTLET GUIDE	1 N.			
7129	XR29PP020E	GUIDE	1 N.			
7138	XR38PP026G	STARWHEEL	1 N.			





EQUIPO -EUROSTAR-RAA415-307C-								
BOTELLA N°	6982	6983	6984	7105	7106	6981	7463	7464
FIGURA N°	444423	444424	444425	444426	444427	444422	444467	444468
DISEGNO N°								
1. COCLEA ENTRADA	D	E	F	G	G	L	L	L
1. COCLEA INGRESSO	D	D	D	G	G	L	L	L
2. CONTRAGUIDA COCLEA								
2. CONTROGUIDA COCLEA								
3. COCLEA DE TRASLACION								
3. COCLEA TRASFERIMENTO								
4. CONTRAGUIDA COCLEA DE TRASL.								
4. CONTROGUIDA COCLEA TRASF.								
5. ESTRELLA PARADA BOTELLAS	D	E	F	G	G	L	L	L
5. STELLA ARRESTO BOTTIGLIE	D	E	F	G	G	L	M	N
6. ESTRELLA ENTRADA ENJUAGADORA								
6. STELLA INGRESSO SCIAQU.								
7. ESTRELLA SALIDA ENJUAGADORA								
7. STELLA USCITA SCIAQU.								
8. ESTRELLA DE TRASLACION								
8. STELLA DI TRASFERIMENTO								
9. ESTRELLA ENTRADA LLENADORA	D	E	F	G	G	L	L	N
9. STELLA INGRESSO RIEMPITRICE	D	E	F	G	G	L	L	N
10. ESTRELLA SALIDA LLENADORA								
10. STELLA USCITA RIEMPITRICE								
11. ESTRELLA BY-PASS								
11. STELLA BY-PASS								
12. GUIDA CENTRAL LLENADORA	D	E	F	G	G	L	L	L
12. GUIDA CENTRALE RIEMPITRICE	D	E	F	G	G	L	M	N
13. GUIDA CENTRAL ENJUAGADORA								
13. GUIDA CENTRALE SCIAQUATR.								
14. GUIDA ENTRADA TAPADORA								
14. GUIDA INGRESSO TAPPATORE								
15. GUIDA CENTRAL TAPADORA								
15. GUIDA CENTRALE TAPPATORE								
16. ESTRELLA TAPADORA								
16. STELLA TAPPATORE								
17. GUIDA EXTERNA TAPADORA CON CORREA								
17. GUIDA EXTERNA TAPP. CON CINGHIOLLO								
18. GUIDA EXTERNA TAPADORA								
18. GUIDA EXTERNA TAPPATORE								
19. GUIDA SALIDA TAPADORA								
19. GUIDA USCITA TAPPATORE								
20. GUIDA ENTRADA CAPSULADORA	D	E	F	G	H	L	M	N
20. GUIDA INGRESSO CAPSULATRICE								
21. GUIDA CENTRAL CAPSULADORA								
21. GUIDA CENTRALE CAPSULATRICE								
22. ESTRELLA CAPSULADORA	D	E	F	G	H	L	M	N
22. STELLA CAPSULATRICE	D	E	F	G	H	L	M	N
23. GUIDA SALIDA CAPSULADORA								
23. GUIDA USCITA CAPSULATRICE								
24. GUIDA SALIDA INT. INTERMEDIA	D	E	F	G	H	L	M	N
24. GUIDA USCITA INT. INTERMEDIA	D	E	F	G	G	L	M	N
25. GUIDA SALIDA EXT. INTERMEDIA								
25. GUIDA USCITA EXT. INTERMEDIA								
26. GUIDA SALIDA INTERNA	D	E	F	G	G	L	M	N
26. GUIDA USCITA INTERNA	D	E	F	G	G	L	M	N
27. GUIDA SALIDA EXTERNA								
27. GUIDA USCITA EXTERNA								
28. GUIDA CIRCULAR SALIDA								
28. GUIDA USCITA CIRCOLARE								
29. GUIDA EXTERNA CAPSULADORA	D	E	F	G	H	L	M	N
29. GUIDA EXTERNA CAPSULATRICE								
30. GUIDA BY-PASS ENJUAGADORA								
30. GUIDA BY-PASS SCIAQUATRICE								
31. ESTRELLA ENTRADA COCLEA 1								
31. STELLA INGR. 1A COCLEA								
32. ESTRELLA ENTRADA COCLEA 2								
32. STELLA INGR. 2A COCLEA								

EQUIPO -EUROSTAR-RAA415-307C-								
BOTELLA N°	6982	6983	6984	7105	7106	6981	7463	7464
FIGURA N°	444423	444424	444425	444426	444427	444422	444467	444468
DISEGNO N°								
33. GUIDA ENTRADA LLENADORA								
33. GUIDA INGRESSO RIEMPITRICE								
34. GUIDA SALIDA LLENADORA								
34. GUIDA USCITA RIEMPITRICE								
35. GUIDA ESTRELLA DE TRASLACION								
35. GUIDA STELLA DI TRASFERIMENTO								
36. GUIDA ENTRADA COCLEA 1								
36. GUIDA INGR. 1A COCLEA								
37. GUIDA ENTRADA COCLEA 2								
37. GUIDA INGR. 2A COCLEA								
38. ESTRELLA SALIDA 1.ER TAPONADOR	D	E	F	G	G	L	M	N
38. STELLA USCITA 1°TAPPATORE								
39. GUIDA ENTRADA SINFIN								
39. GUIDA INGRESSO COCLEA								
40. GUIDAS FIJAS								
40. GUIDE FISSE								
41. GUIDA DE TRASLACION 1								
41. GUIDA TRASFERIMENTO 1								
42. GUIDA DE TRASLACION 2								
42. GUIDA TRASFERIMENTO 2								
43. GUIDA DE TRASLACION 3								
43. GUIDA TRASFERIMENTO 3								
44. LENGÜEZ SUPERIOR CONTRAGUIDA								
44. LINGUETTA SUP. CONTROGUIDA								
45. COCLEA SUPERIOR	D	E	F	G	G			
45. COCLEA INGRESSO SUP.								
46. SOPORTE BOTELLA								
46. STAFFA BOTTIGLIA								
47. GUIDA SALIDA 2 INTERNA								
47. GUIDA 2A USCITA INTERNO								
48. GUIDA SALIDA 2 EXTERNA								
48. GUIDA 2A USCITA ESTERNO								
54. GUIDA SALIDA ENJUAGADORA								
54. GUIDA USCITA SCIAQUATRICE								
55. GUIDA ENTRADA ENJUAGADORA								
55. GUIDA INGRESSO SCIAQUATR.								
59. ESTRELLA ENTRADA 2.0 TAPONADOR								
59. STELLA INGRESSO 2°TAPPATORE								
62. ESTRELLA SALIDA 2.0 TAPONADOR								
62. STELLA USCITA 2°TAPPATORE								
63. GUIDA SOFTSTOP								
63. GUIDE SOFTSTOP								
64. GUIDA ENTRADA BY-PASS								
64. GUIDA INGRESSO BY-PASS								
70. GUIDA BY-PASS								
70. GUIDA BY-PASS								
71. GUIDA ENTRADA EXTERNA								
71. GUIDA INGRESSO EXTERNA								
72. GUIDA ENTRADA INTERNA								
72. GUIDA INGRESSO INTERNO								
73. GUIDA ENTRADA EXTERNA								
73. GUIDA INGRESSO ESTERNO								
74. GUIDA ENTRADA INTERNA								
74. GUIDA INGRESSO INTERNA								
75. ESTRELLA NEUTRA ENTRADA								
75. STELLA FOLLE INGRESSO								

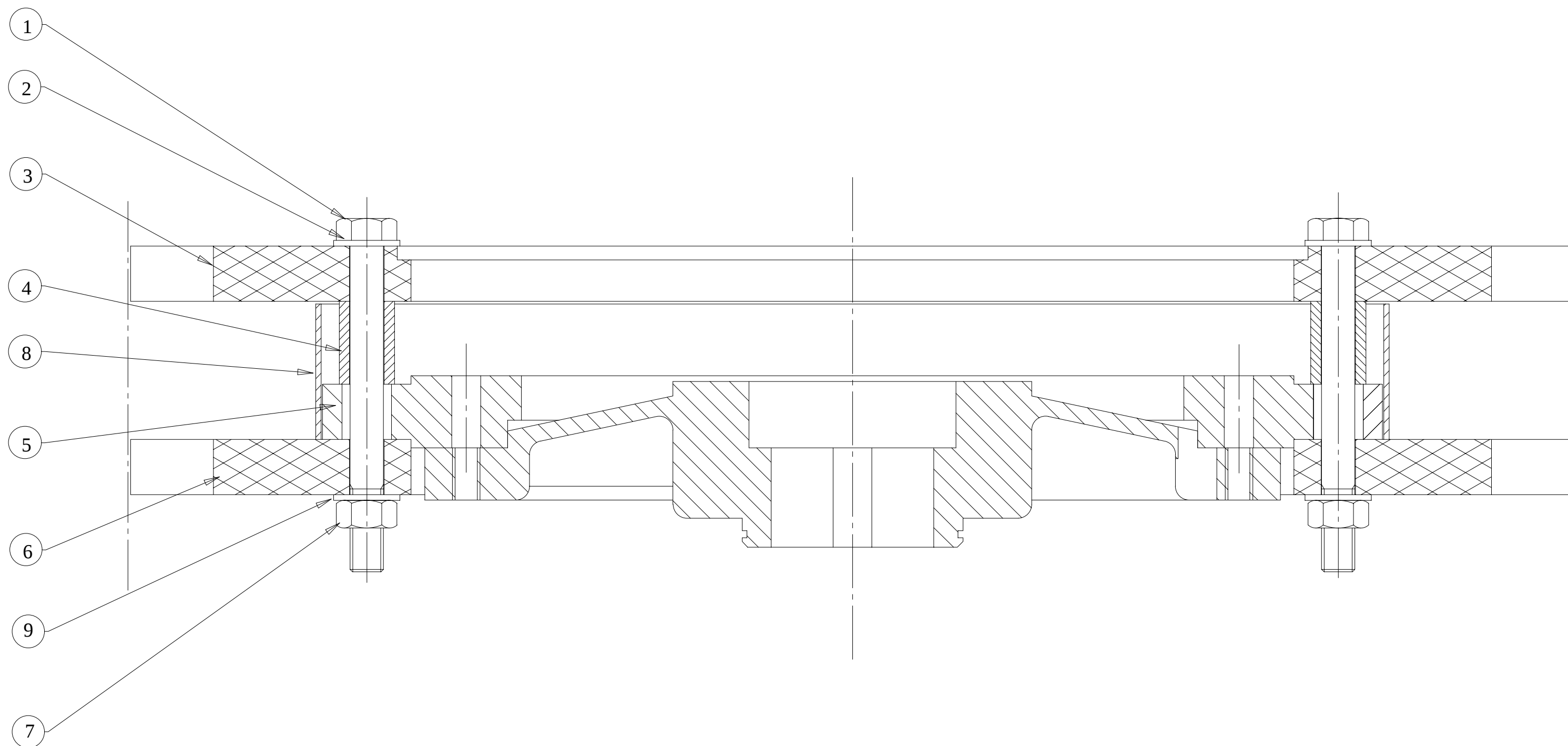




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PART LIST
XR06PP020M**DESIGNATION**
STARWHEEL*DRAWING 172675*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	9090D012X185	ADJUSTMENT SCREW	5 N.			
2	HRU012	WASHER	5 N.			
3	445400	STARWHEEL	1 N.			
4	372633/049	SPACER	5 N.			
5	183972/002	HUB	1 N.			
6	445401	STARWHEEL	1 N.			
7	HRP012	NUT	5 N.			
8	292793/209	CYLINDER	1 N.			
9	HRU012	WASHER	5 N.			

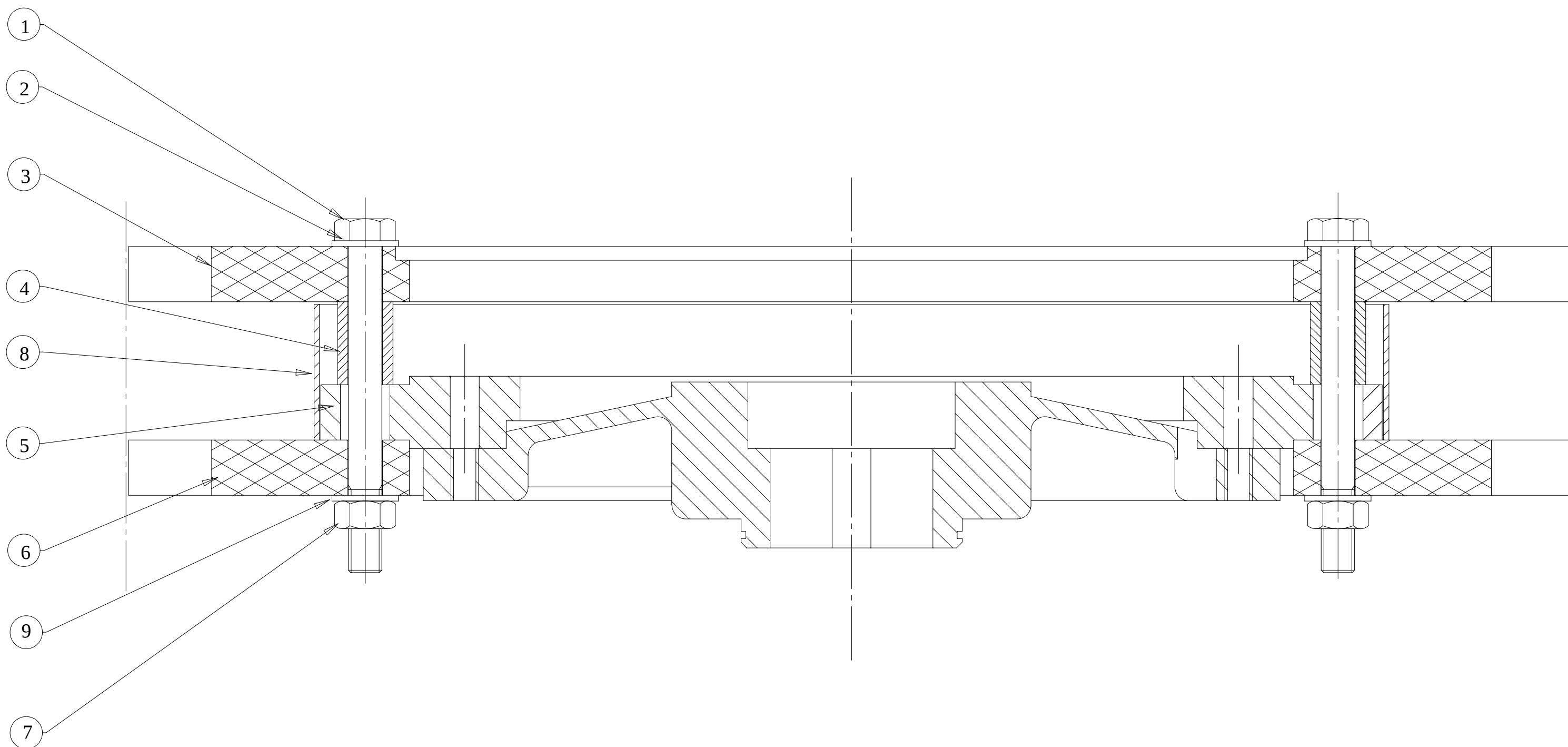




RAA415 * 463C * EUROSTAR

PART LIST
XR09PP023H**DESIGNATION**
STARWHEEL*DRAWING 172675*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	9090D012X185	ADJUSTMENT SCREW	6 N.			
2	HRU012	WASHER	6 N.			
3	445402	STARWHEEL	1 N.			
4	372633/049	SPACER	6 N.			
5	183972/003	HUB	1 N.			
6	445403	STARWHEEL	1 N.			
7	HRP012	NUT	6 N.			
8	292793/178	CYLINDER	1 N.			
9	HRU012	WASHER	6 N.			

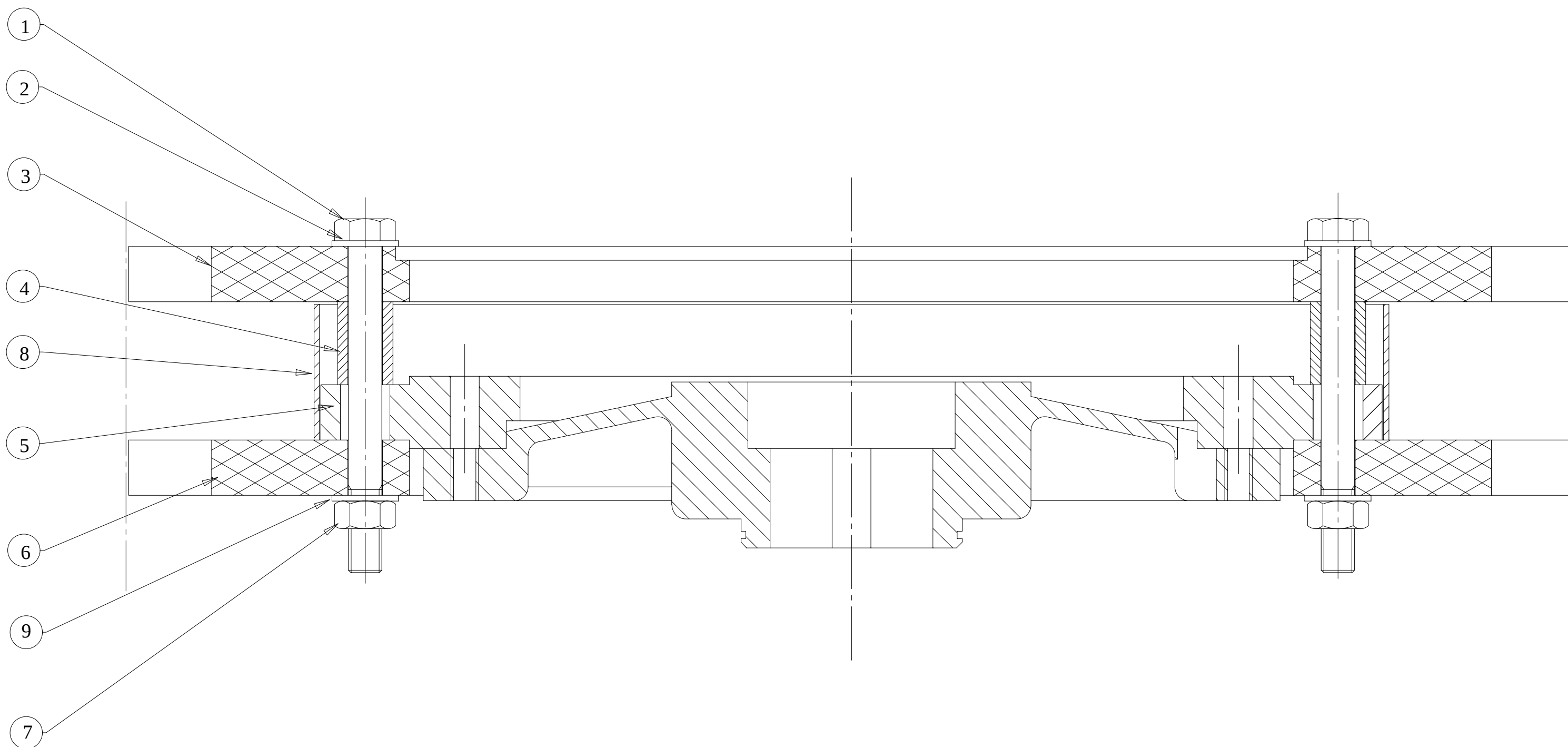




RAA415 * 463C * EUROSTAR

PART LIST
XR09PP023H**DESIGNATION**
STARWHEEL*DRAWING 172675*

<i>POS.</i>	<i>ITEM</i>	<i>DESIGNATION</i>	<i>Q.TY</i>	<i>S</i>	<i>R</i>	<i>K</i>
1	9090D012X185	ADJUSTMENT SCREW	6 N.			
2	HRU012	WASHER	6 N.			
3	445402	STARWHEEL	1 N.			
4	372633/049	SPACER	6 N.			
5	183972/003	HUB	1 N.			
6	445403	STARWHEEL	1 N.			
7	HRP012	NUT	6 N.			
8	292793/178	CYLINDER	1 N.			
9	HRU012	WASHER	6 N.			



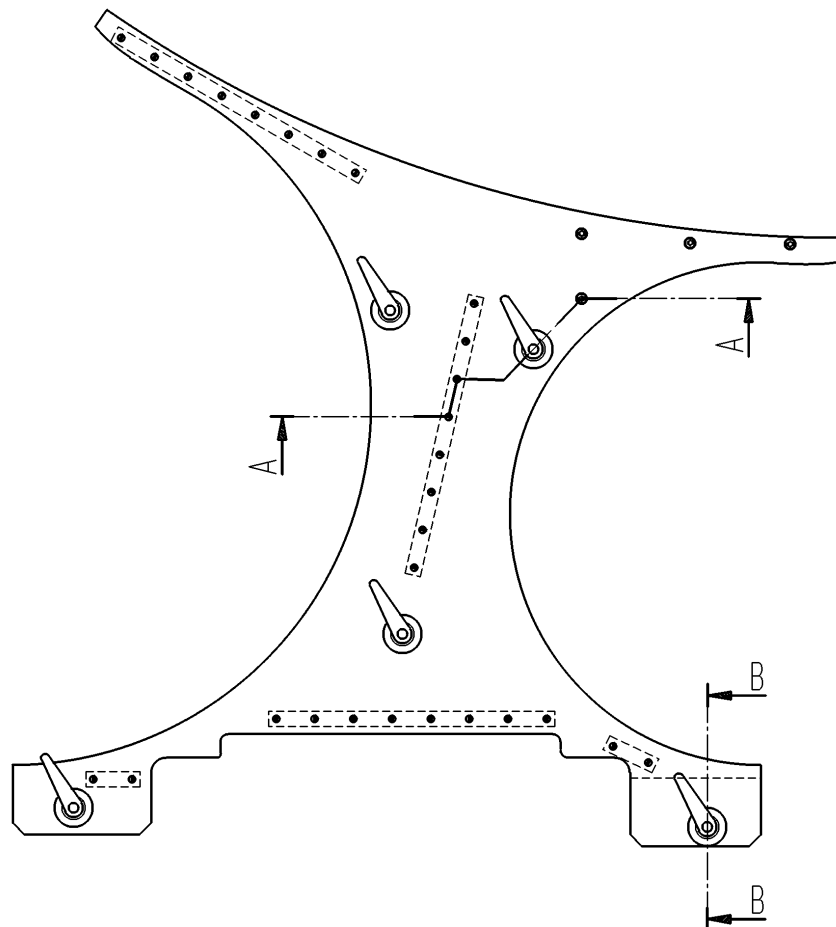
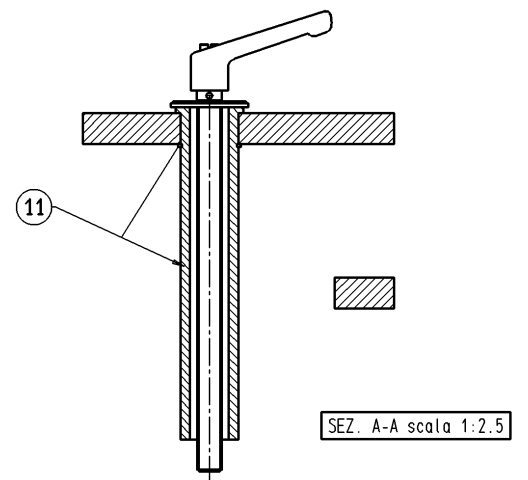
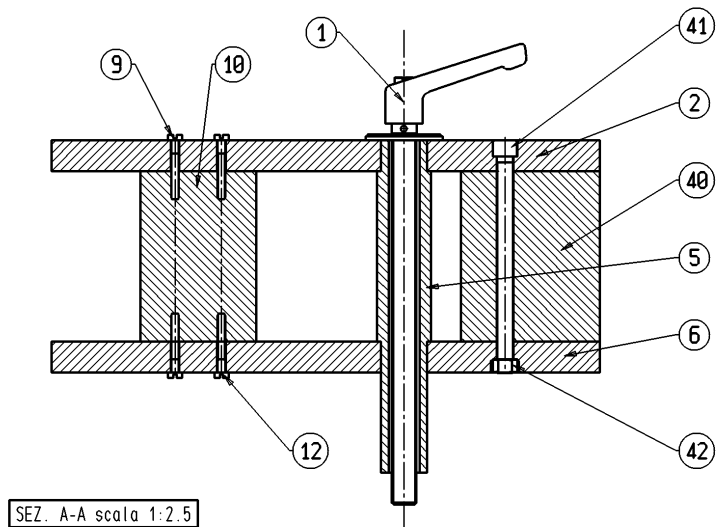


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PART LIST
XR13PP005X**DESIGNATION**
GUIDE

DRAWING 445865

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/029	HANDLE	5 N.	S		
2	80PR001G78	GUIDE	1 N.			
5	372641/042	SPACER	4 N.			
6	80PR001G70	GUIDE	1 N.			
9	HQZ680	SCREW	27 N.			
10	350056/358	SPACER	1 N.			
10	350056/099	SPACER	1 N.			
10	350056/098	SPACER	1 N.			
10	350056/096	SPACER	1 N.			
10	350056/253	SPACER	1 N.			
11	HZF030	EXTERNAL RETAINING RING	1 N.			
11	372637/014	STUD	1 N.			
12	HQZ680	SCREW	27 N.			
40	80PR001G86	TAB	1 N.			
41	HME171	SCREW	5 N.			
42	HRP008	NUT	5 N.			



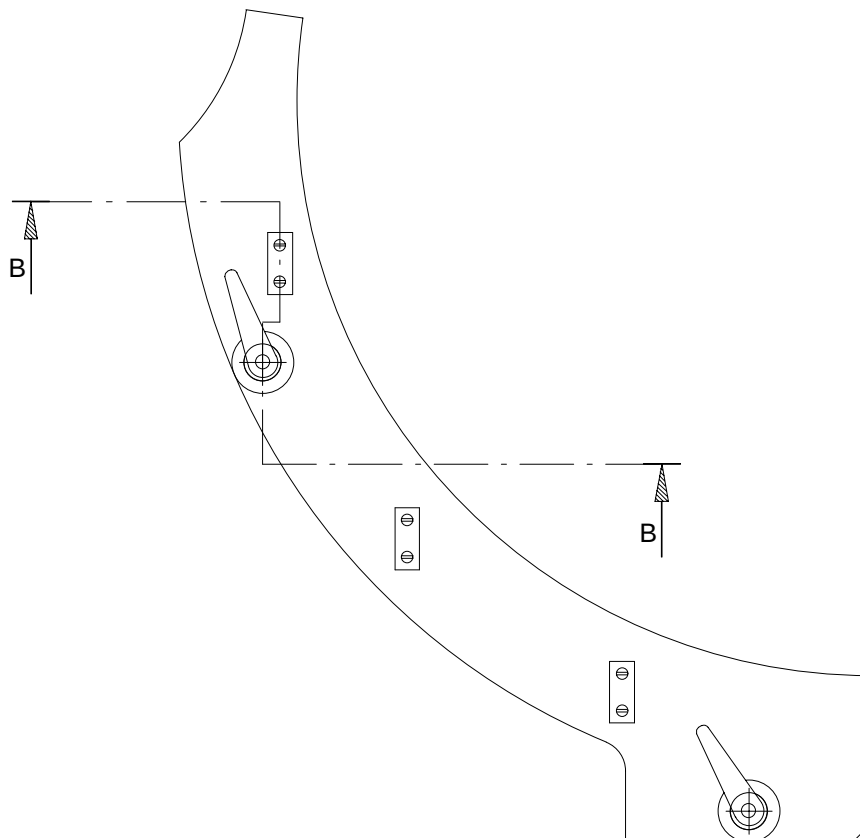
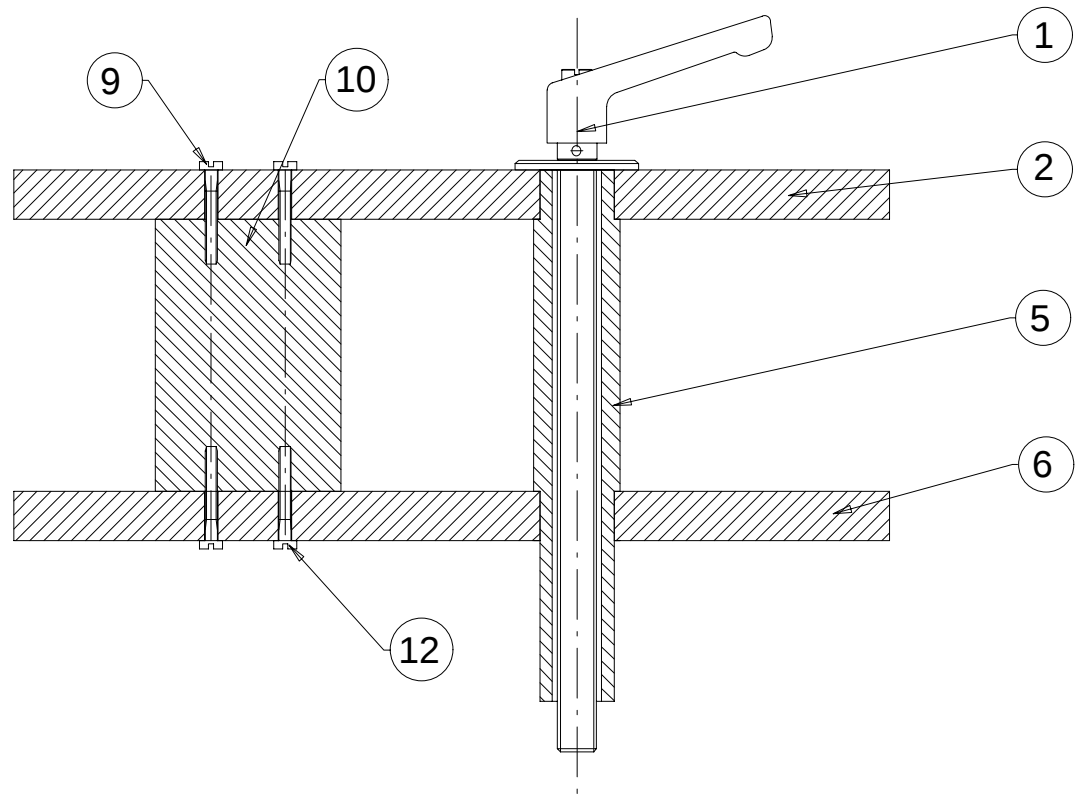


RAA415 * 463C * EUROSTAR

PART LIST
XR20PP006Q**DESIGNATION**
GUIDE*DRAWING 382888*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/038	HANDLE	2 N.	S		
2	80PR001H20	GUIDE	1 N.			
5	372641/111	SPACER	2 N.			
6	80PR001H28	GUIDE	1 N.			
9	HQZ680	SCREW	14 N.			
10	350056/146	SPACER	1 N.			
10	350056/158	SPACER	3 N.			
12	HQZ680	SCREW	14 N.			

B-B





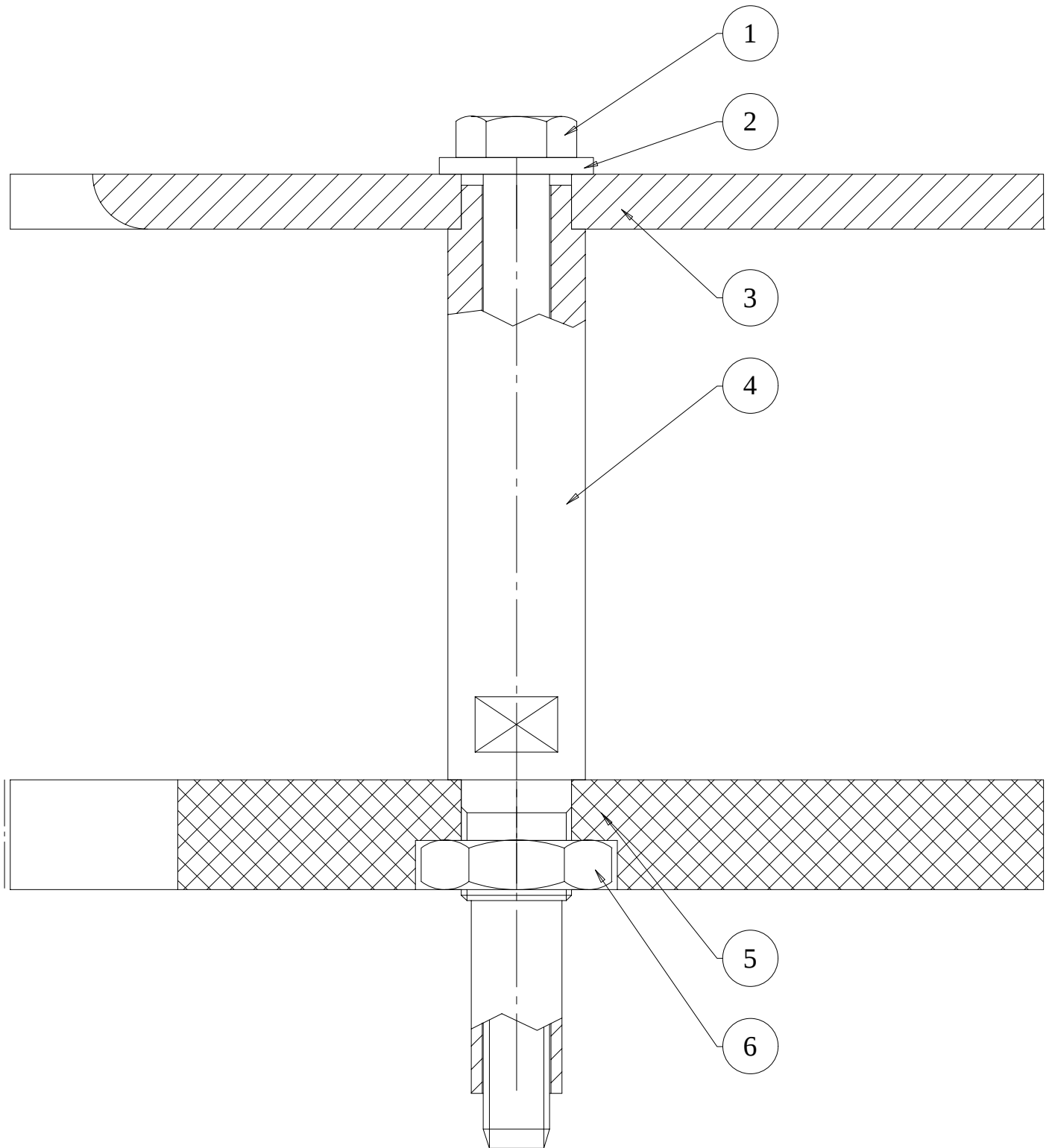
RAA415 * 463C * EUROSTAR

PART LIST
XR22PP014F

DESIGNATION
STARWHEEL

DRAWING 177044

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	9090D012X205	ADJUSTMENT SCREW	6 N.			
2	005103/098	WASHER	6 N.			
3	329811/026	STARWHEEL	1 N.			
4	372642/029	SPACER	6 N.			
5	329809/078	STARWHEEL	1 N.			
6	HRP220	NUT	6 N.			



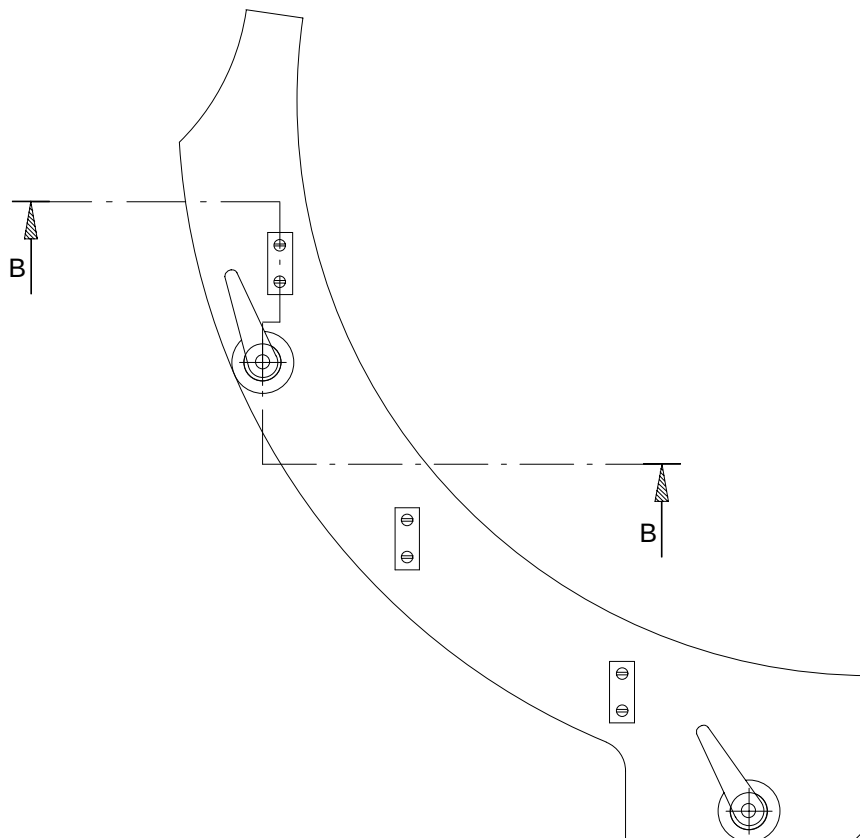
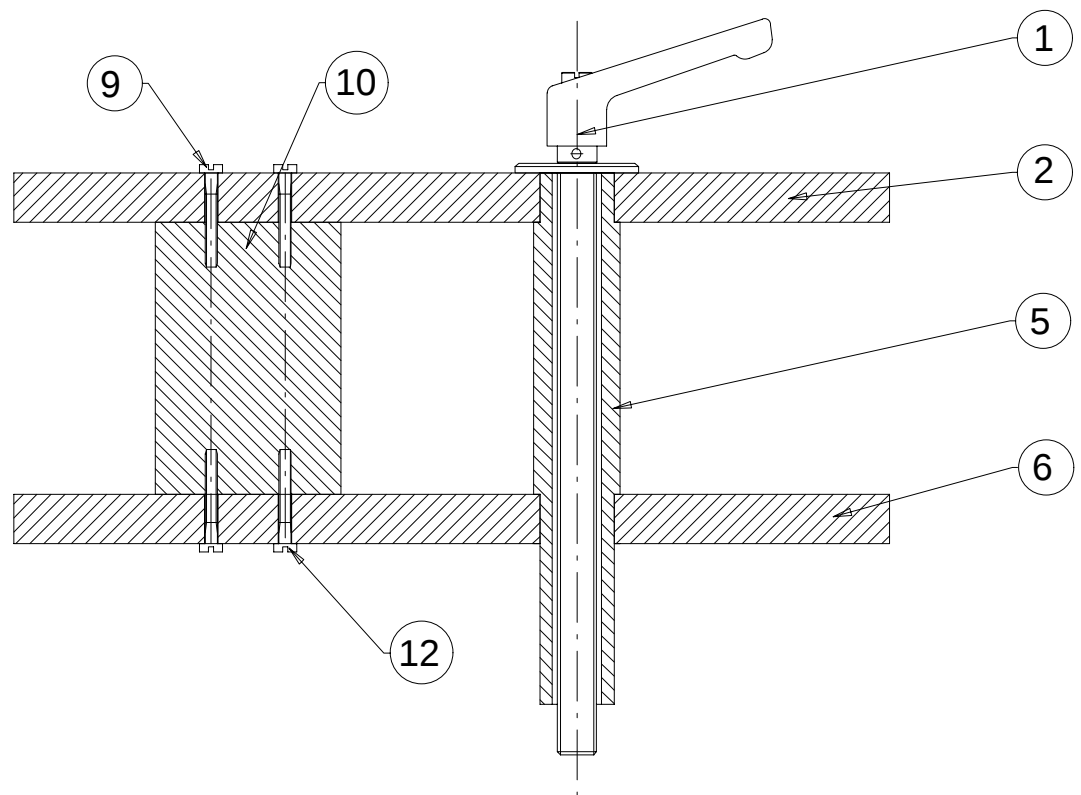


RAA415 * 463C * EUROSTAR

PART LIST
XR23PP012X**DESIGNATION**
GUIDES*DRAWING 382888*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/038	HANDLE	2 N.	S		
2	80PR001H52	GUIDE	1 N.			
5	372641/111	SPACER	2 N.			
6	80PR001H60	GUIDE	1 N.			
9	HQZ680	SCREW	11 N.			
10	350056/146	SPACER	1 N.			
10	350056/148	SPACER	3 N.			
12	HQZ680	SCREW	11 N.			

B-B



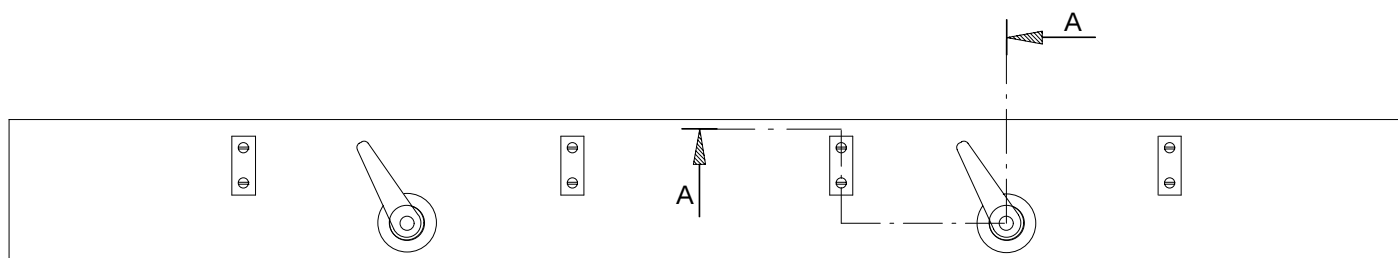
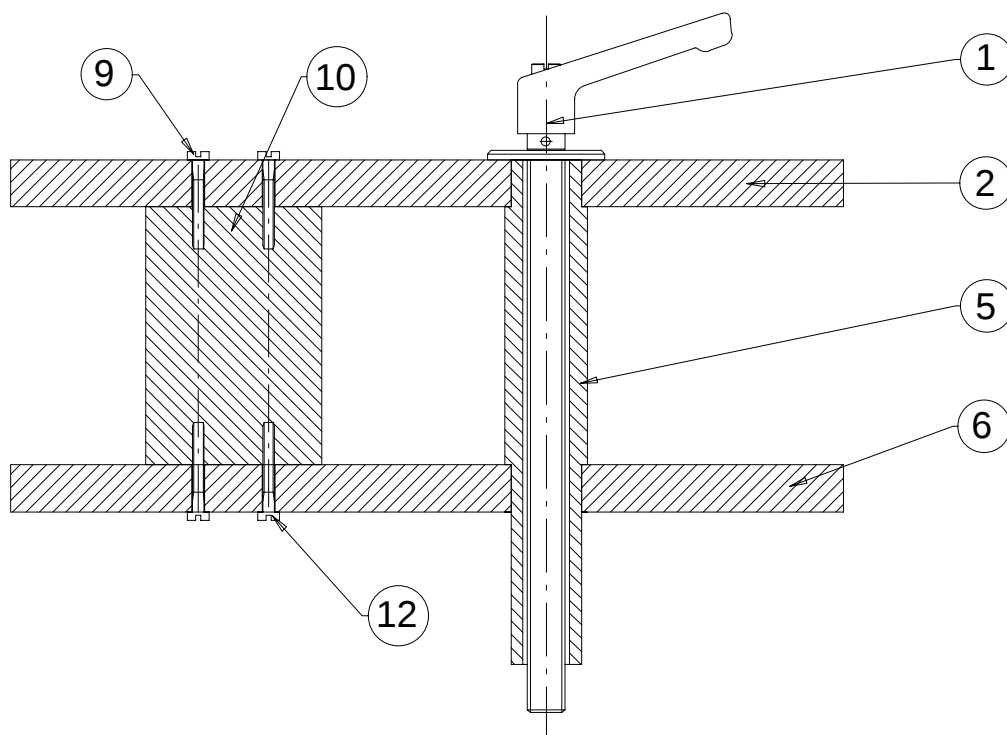


RAA415 * 463C * EUROSTAR

PART LIST
XR24PP008L**DESIGNATION**
GUIDES*DRAWING 382889*

<i>POS.</i>	<i>ITEM</i>	<i>DESIGNATION</i>	<i>Q.TY</i>	<i>S</i>	<i>R</i>	<i>K</i>
1	372654/038	HANDLE	2 N.	S		
2	80PR001H68	GUIDE	1 N.			
5	372641/157	SPACER	2 N.			
6	80PR001H76	GUIDE	1 N.			
9	HQZ680	SCREW	6 N.			
10	350056/042	SPACER	3 N.			
12	HQZ680	SCREW	6 N.			

A-A



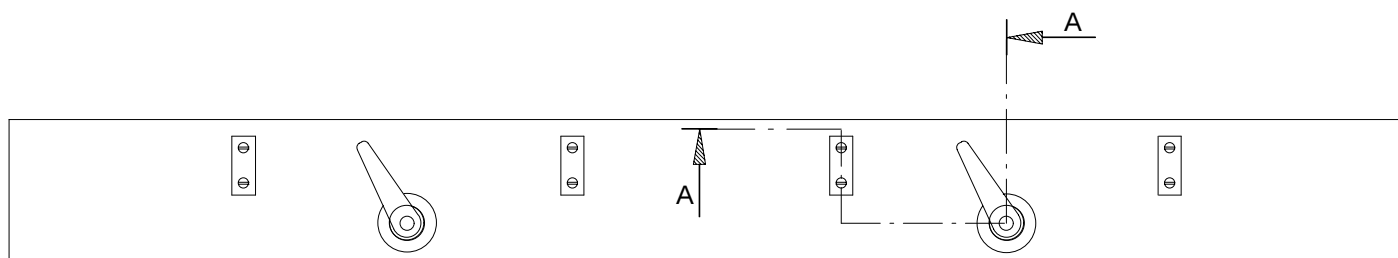
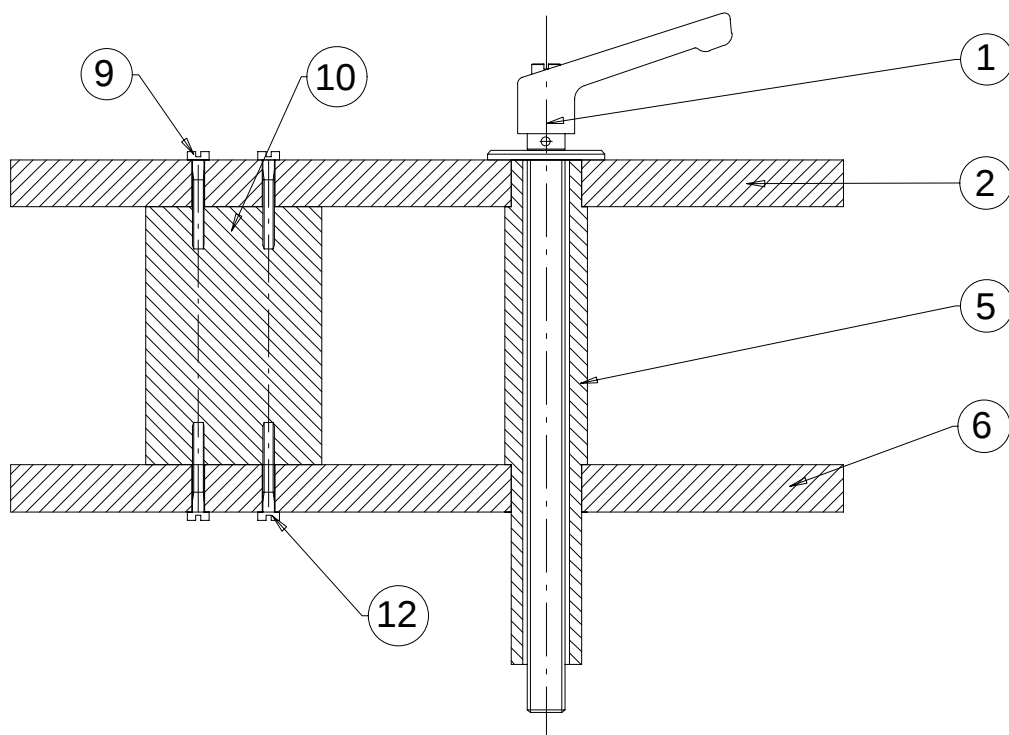


RAA415 * 463C * EUROSTAR

PART LIST
XR25PP007C**DESIGNATION**
GUIDES*DRAWING 382889*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/029	HANDLE	2 N.	S		
2	80PR001H83	GUIDE	1 N.			
5	372641/042	SPACER	2 N.			
6	80PR001H91	GUIDE	1 N.			
9	HQZ680	SCREW	15 N.			
10	350056/098	SPACER	2 N.			
10	350056/097	SPACER	1 N.			
12	HQZ680	SCREW	15 N.			

A-A



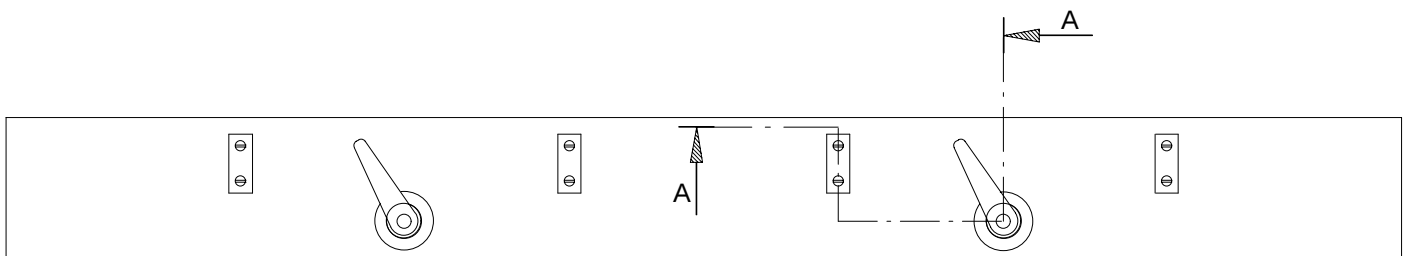
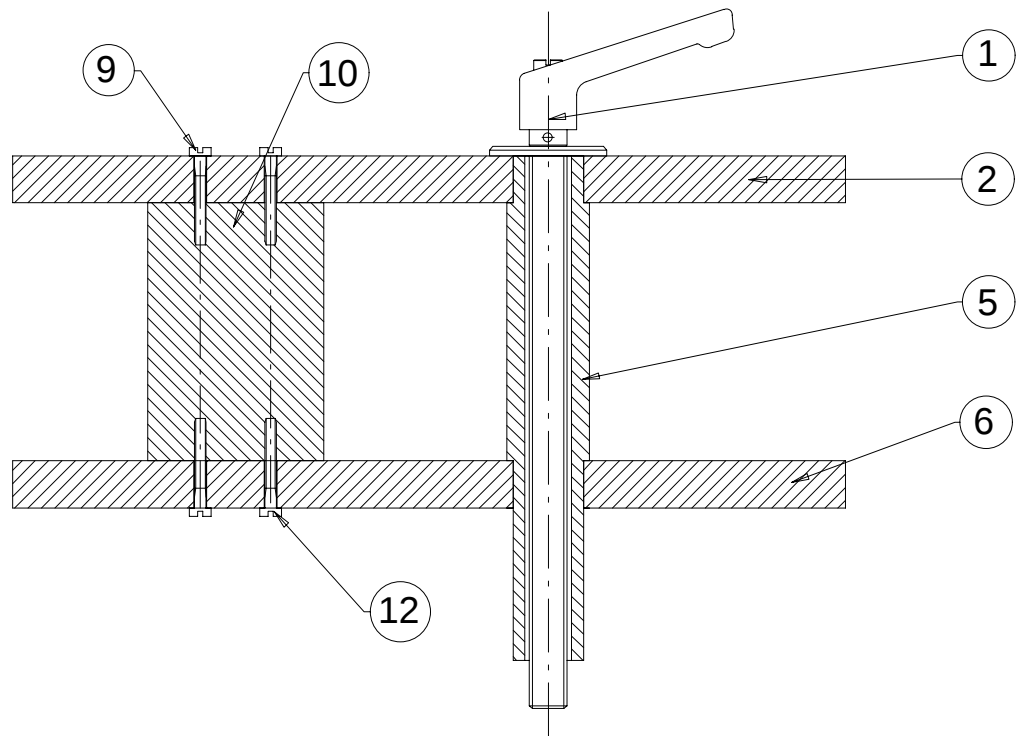


RAA415 * 463C * EUROSTAR

PART LIST
XR26PP038F**DESIGNATION**
INTERNAL OUTLET GUIDE*DRAWING 382889*

<i>POS.</i>	<i>ITEM</i>	<i>DESIGNATION</i>	<i>Q.TY</i>	<i>S</i>	<i>R</i>	<i>K</i>
1	372654/029	HANDLE	2 N.	S		
2	80PR001H99	GUIDE	1 N.			
5	372641/042	SPACER	2 N.			
6	80PR001I07	GUIDE	1 N.			
9	HQZ680	SCREW	4 N.			
10	350056/098	SPACER	2 N.			
12	HQZ680	SCREW	4 N.			

A-A



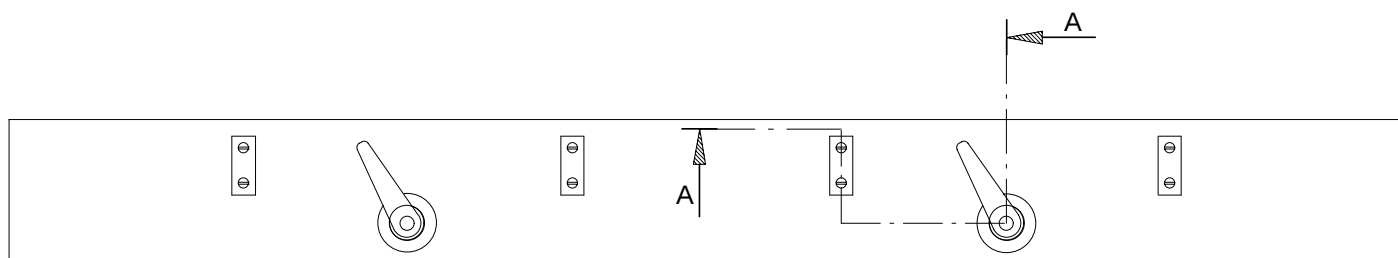
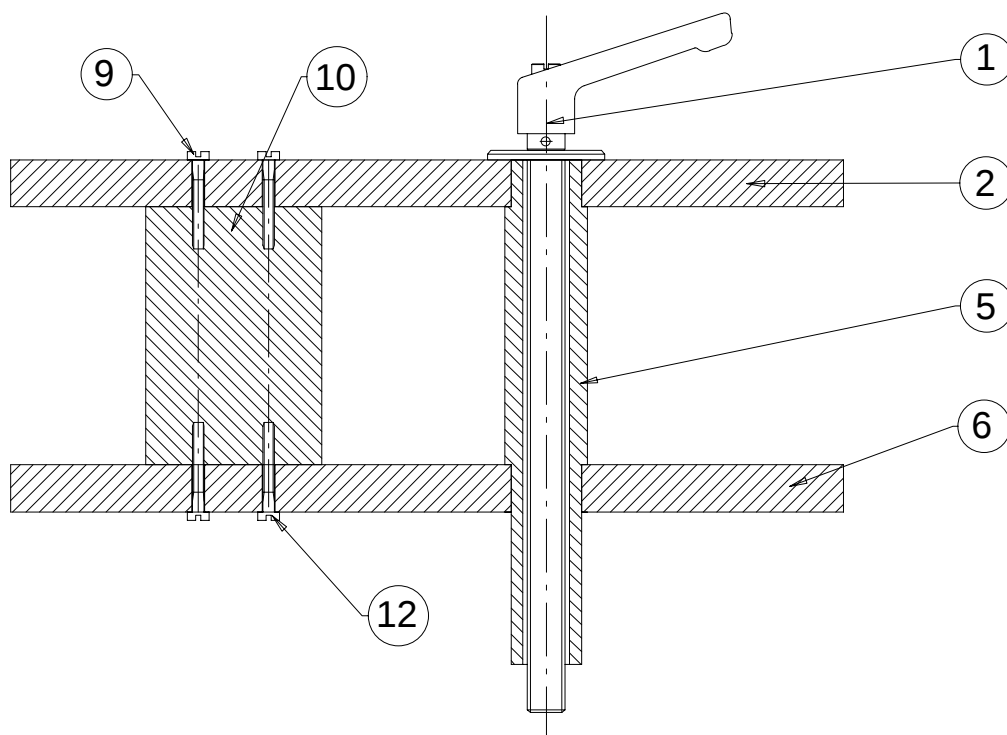


RAA415 * 463C * EUROSTAR

PART LIST
XR27PP024Q**DESIGNATION**
EXTERNAL OUTLET GUIDE**DRAWING 382889**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/029	HANDLE	2 N.	S		
2	80PR001I15	GUIDE	1 N.			
5	372641/042	SPACER	2 N.			
6	80PR001I23	GUIDE	1 N.			
9	HQZ680	SCREW	10 N.			
10	350056/101	SPACER	1 N.			
10	350056/098	SPACER	1 N.			
10	350056/253	SPACER	1 N.			
12	HQZ680	SCREW	10 N.			

A-A



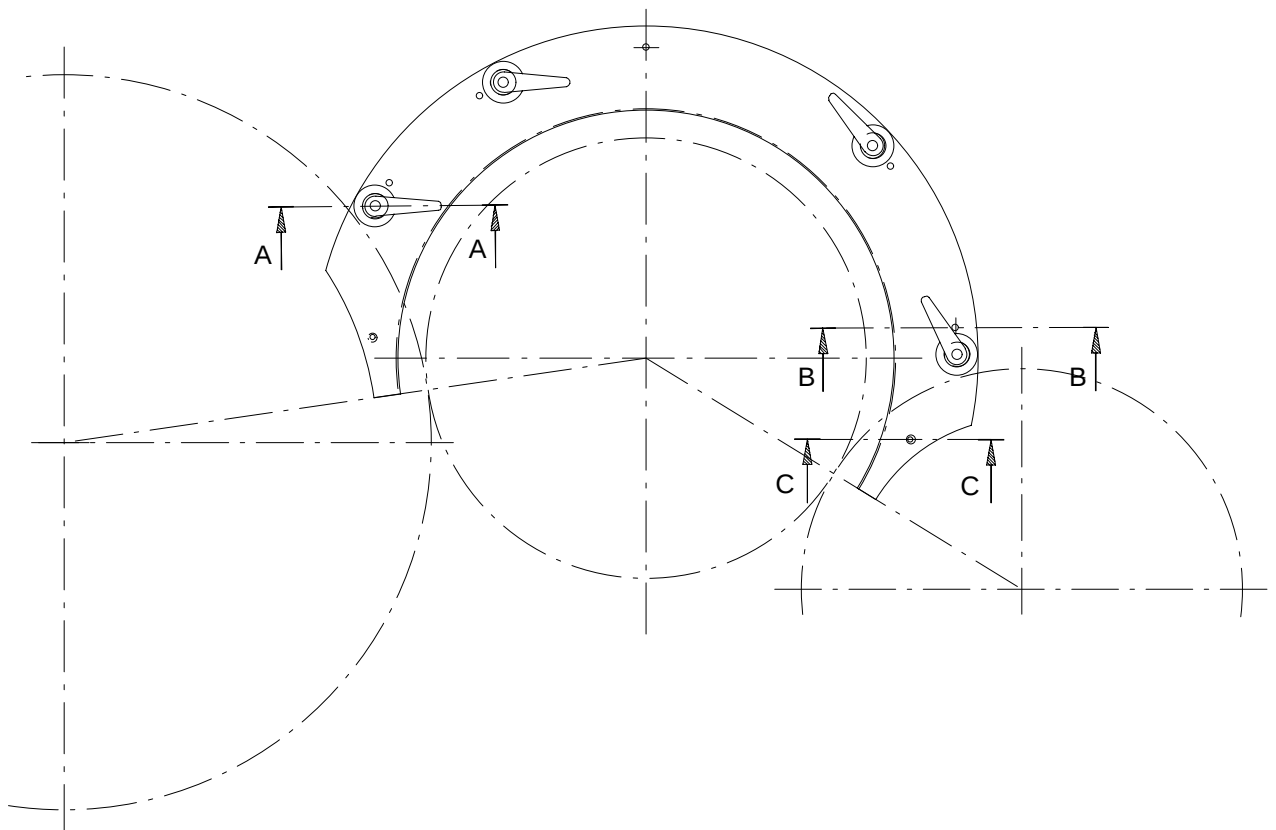
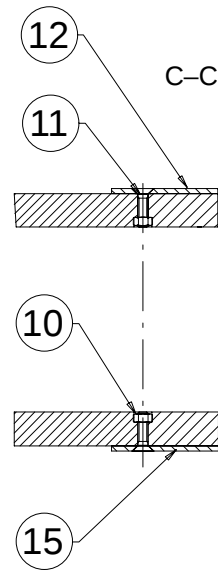
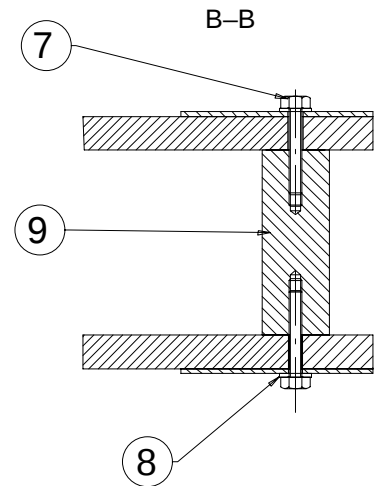
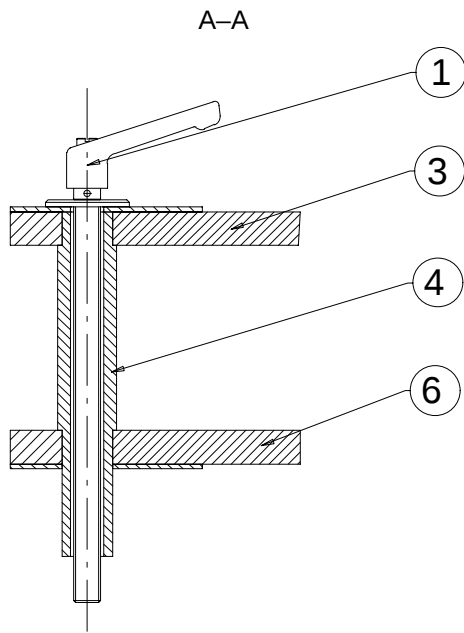


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PART LIST
XR29PP020E**DESIGNATION**
GUIDE

DRAWING 382890

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/038	HANDLE	4 N.	S		
3	80PR001H36	GUIDE	1 N.			
4	372641/157	SPACER	4 N.			
6	80PR001H44	GUIDE	1 N.			
7	HLE030	SCREW	10 N.			
8	HRU108	SPRINGWASHER	10 N.			
9	372639/088	COLUMN	5 N.			
10	HRP006	NUT	4 N.			
11	HNR020	SCREW	4 N.			
12	189596	SHEET	1 N.			
15	189598	SHEET	1 N.			

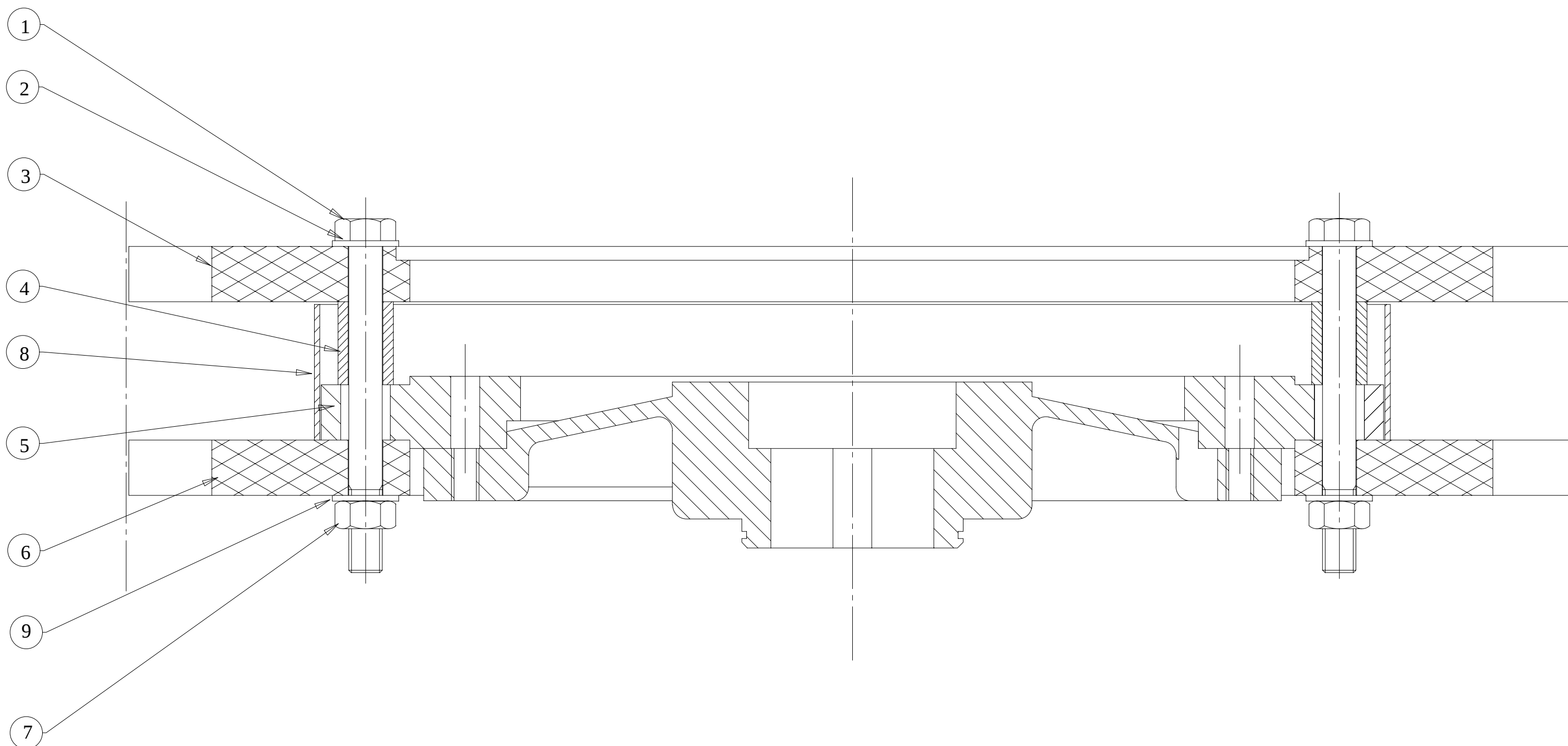




RAA415 * 463C * EUROSTAR

PART LIST
XR38PP026G**DESIGNATION**
STARWHEEL*DRAWING 172675*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	9090D012X185	ADJUSTMENT SCREW	5 N.			
2	HRU012	WASHER	5 N.			
3	445404	STARWHEEL	1 N.			
4	372633/049	SPACER	5 N.			
5	183972/001	HUB	1 N.			
6	445405	STARWHEEL	1 N.			
7	HRP012	NUT	5 N.			
8	292793/177	CYLINDER	1 N.			
9	HRU012	WASHER	5 N.			



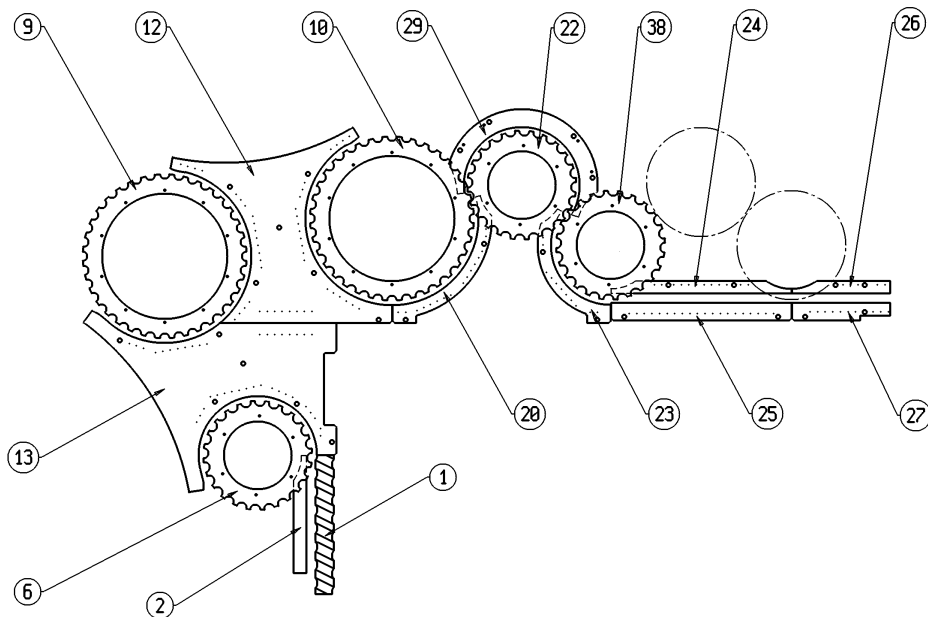


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PART LIST
X000QRAA415**DESIGNATION**
HANDLING PARTS

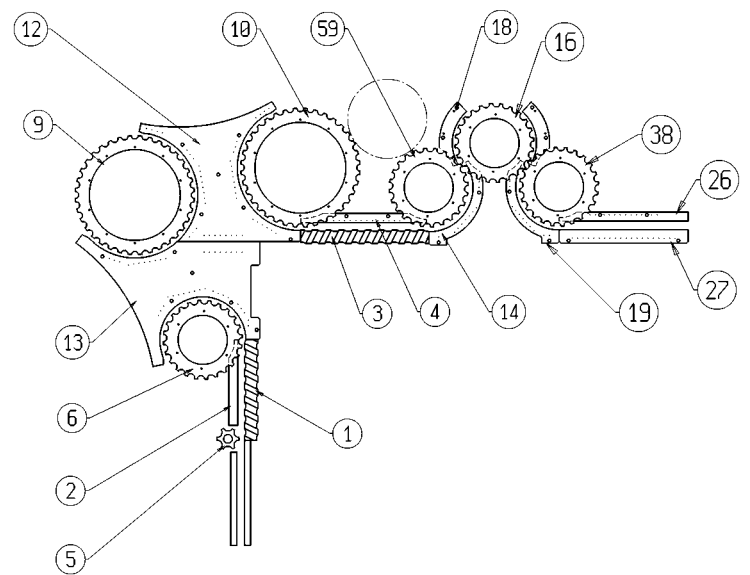
DRAWING 444428 444203 445577

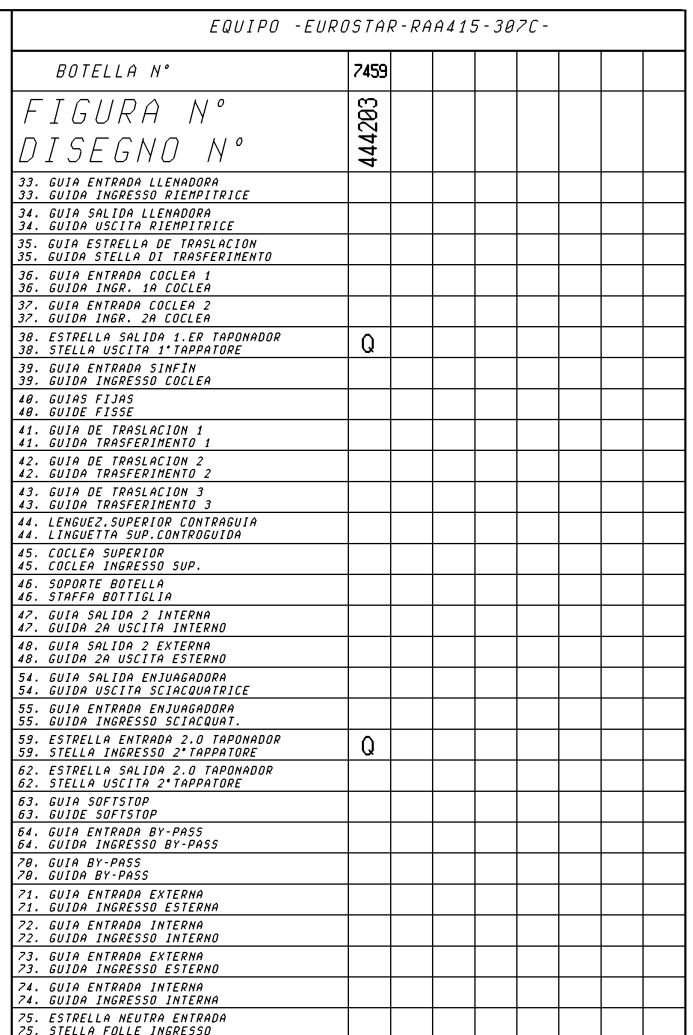
POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	XR01PP036S	WORMSCREW	1 N.			
2	XR02PP029B	INLET WORMSC.COUNTERGUIDE	1 N.			
3	XR03PP007E	WORMSCREW	1 N.			
4	XR04PP003Y	TRANSF.WORMS.COUNTERGUIDE	1 N.			
5	XR05PP030D	BOTTLE STOP STARWHEEL	1 N.			
6	XR06PP020N	STARWHEEL	1 N.			
9	XR09PP023I	STARWHEEL	1 N.			
10	XR09PP023I	STARWHEEL	1 N.			
12	XR12PP024D	GUIDE	1 N.			
13	XR13PP005Y	GUIDE	1 N.			
14	XR14PP021F	GUIDE	1 N.			
16	XR16PP041K	STARWHEEL	1 N.			
18	XR18PP034J	CROWNER EXTERNAL GUIDE	1 N.			
19	XR19PP021L	CROWNER OUTLET GUIDE	1 N.			
26	XR26PP038G	INTERNAL OUTLET GUIDE	1 N.			
27	XR27PP024R	EXTERNAL OUTLET GUIDE	1 N.			
38	XR59PP003D	STARWHEEL	1 N.			
59	XR59PP003D	STARWHEEL	1 N.			



EQUIPO -EUROSTAR-RAA415-307C-								
BOTELLA N°	6982	6983	6984	7105	7106	6981	7463	7464
FIGURA N°	444423	444424	444425	444426	444427	444422	444467	444468
DISEGNO N°								
1. COCLEA ENTRADA	D	E	F	G	G	L	L	L
1. COCLEA INGRESSO	D	D	D	G	G	L	L	L
2. CONTRAGUIDA COCLEA								
2. CONTRAGUIDA COCLEA								
3. COCLEA DE TRASLACION								
3. COCLEA TRASFERIMENTO								
4. CONTRAGUIDA COCLEA DE TRASL.								
4. CONTRAGUIDA COCLEA TRASF.								
5. ESTRELLA PARADA BOTELLAS	D	E	F	G	G	L	L	L
5. STELLA ARRESTO BOTTIGLIE	D	E	F	G	G	L	L	L
6. ESTRELLA ENTRADA ENJUAGADORA	D	E	F	G	G	L	M	N
6. STELLA INGRESSO SCIAQU.								
7. ESTRELLA SALIDA ENJUAGADORA								
7. STELLA USCITA SCIAQU.								
8. ESTRELLA DE TRASLACION								
8. STELLA DI TRASFERIMENTO								
9. ESTRELLA ENTRADA LLENADORA	D	E	F	G	G	L	L	N
9. STELLA INGRESSO RIEMPITRICE	D	E	F	G	G	L	L	N
10. ESTRELLA SALIDA LLENADORA	D	E	F	G	G	L	L	N
10. STELLA USCITA RIEMPITRICE								
11. ESTRELLA BY-PASS								
11. STELLA BY-PASS								
12. GUIDA CENTRAL LLENADORA	D	E	F	G	G	L	L	L
12. GUIDA CENTRALE RIEMPITRICE	D	E	F	G	G	L	L	L
13. GUIDA CENTRAL ENJUAGADORA	D	E	F	G	G	L	M	N
13. GUIDA CENTRALE SCIAQUATR.								
14. GUIDA ENTRADA TAPADORA								
14. GUIDA INGRESSO TAPPATORE								
15. GUIDA CENTRAL TAPADORA								
15. GUIDA CENTRALE TAPPATORE								
16. ESTRELLA TAPADORA								
16. STELLA TAPPATORE								
17. GUIDA EXTERNA TAPADORA CON CORREA								
17. GUIDA EXTERNA TAPP. CON CINGHIOLLO								
18. GUIDA EXTERNA TAPADORA								
18. GUIDA EXTERNA TAPPATORE								
19. GUIDA SALIDA TAPADORA								
19. GUIDA USCITA TAPPATORE								
20. GUIDA ENTRADA CAPSULADORA	D	E	F	G	H	L	M	N
20. GUIDA INGRESSO CAPSULATRICE								
21. GUIDA CENTRAL CAPSULADORA								
21. GUIDA CENTRALE CAPSULATRICE								
22. ESTRELLA CAPSULADORA	D	E	F	G	H	L	M	N
22. STELLA CAPSULATRICE	D	E	F	G	H	L	M	N
23. GUIDA SALIDA CAPSULADORA	D	E	F	G	H	L	M	N
23. GUIDA USCITA CAPSULATRICE								
24. GUIDA SALIDA INT. INTERMEDIA	D	E	F	G	H	L	M	N
24. GUIDA USCITA INT. INTERMEDIA	D	E	F	G	G	L	M	N
25. GUIDA SALIDA EXT. INTERMEDIA	D	E	F	G	G	L	M	N
25. GUIDA USCITA EXT. INTERMEDIA	D	E	F	G	G	L	M	N
26. GUIDA SALIDA INTERNA	D	E	F	G	G	L	M	N
26. GUIDA USCITA INTERNA	D	E	F	G	G	L	M	N
27. GUIDA SALIDA EXTERNA	D	E	F	G	G	L	M	N
27. GUIDA USCITA EXTERNA								
28. GUIDA CIRCULAR SALIDA								
28. GUIDA USCITA CIRCOLARE								
29. GUIDA EXTERNA CAPSULADORA	D	E	F	G	H	L	M	N
29. GUIDA EXTERNA CAPSULATRICE								
30. GUIDA BY-PASS ENJUAGADORA								
30. GUIDA BY-PASS SCIAQUATRICE								
31. ESTRELLA ENTRADA COCLEA 1								
31. STELLA INGR. 1A COCLEA								
32. ESTRELLA ENTRADA COCLEA 2								
32. STELLA INGR. 2A COCLEA								

EQUIPO -EUROSTAR-RAA415-307C-								
BOTELLA N°	6982	6983	6984	7105	7106	6981	7463	7464
FIGURA N°	444423	444424	444425	444426	444427	444422	444467	444468
DISEGNO N°								
33. GUIDA ENTRADA LLENADORA								
33. GUIDA INGRESSO RIEMPITRICE								
34. GUIDA SALIDA LLENADORA								
34. GUIDA USCITA RIEMPITRICE								
35. GUIDA ESTRELLA DE TRASLACION								
35. GUIDA STELLA DI TRASFERIMENTO								
36. GUIDA ENTRADA COCLEA 1								
36. GUIDA INGR. 1A COCLEA								
37. GUIDA ENTRADA COCLEA 2								
37. GUIDA INGR. 2A COCLEA								
38. ESTRELLA SALIDA 1.ER TAPONADOR	D	E	F	G	G	L	M	N
38. STELLA USCITA 1°TAPPATORE								
39. GUIDA ENTRADA SINFIN								
39. GUIDA INGRESSO COCLEA								
40. GUIDAS FIJAS								
40. GUIDE FISSE								
41. GUIDA DE TRASLACION 1								
41. GUIDA TRASFERIMENTO 1								
42. GUIDA DE TRASLACION 2								
42. GUIDA TRASFERIMENTO 2								
43. GUIDA DE TRASLACION 3								
43. GUIDA TRASFERIMENTO 3								
44. LENGÜEZ SUPERIOR CONTRAGUIDA								
44. LINGUETTA SUP.CONTRAGUIDA								
45. COCLEA SUPERIOR	D	E	F	G	G			
45. COCLEA INGRESSO SUP.								
46. SOPORTE BOTELLA								
46. STAFFA BOTTIGLIA								
47. GUIDA SALIDA 2 INTERNA								
47. GUIDA 2A USCITA INTERNO								
48. GUIDA SALIDA 2 EXTERNA								
48. GUIDA 2A USCITA ESTERNO								
54. GUIDA SALIDA ENJUAGADORA								
54. GUIDA USCITA SCIAQUATRICE								
55. GUIDA ENTRADA ENJUAGADORA								
55. GUIDA INGRESSO SCIAQUATR.								
59. ESTRELLA ENTRADA 2.0 TAPONADOR								
59. STELLA INGRESSO 2°TAPPATORE								
62. ESTRELLA SALIDA 2.0 TAPONADOR								
62. STELLA USCITA 2°TAPPATORE								
63. GUIDA SOFTSTOP								
63. GUIDE SOFTSTOP								
64. GUIDA ENTRADA BY-PASS								
64. GUIDA INGRESSO BY-PASS								
70. GUIDA BY-PASS								
70. GUIDA BY-PASS								
71. GUIDA ENTRADA EXTERNA								
71. GUIDA INGRESSO EXTERNA								
72. GUIDA ENTRADA INTERNA								
72. GUIDA INGRESSO INTERNO								
73. GUIDA ENTRADA EXTERNA								
73. GUIDA INGRESSO ESTERNO								
74. GUIDA ENTRADA INTERNA								
74. GUIDA INGRESSO INTERNA								
75. ESTRELLA NEUTRA ENTRADA								
75. STELLA FOLLE INGRESSO								



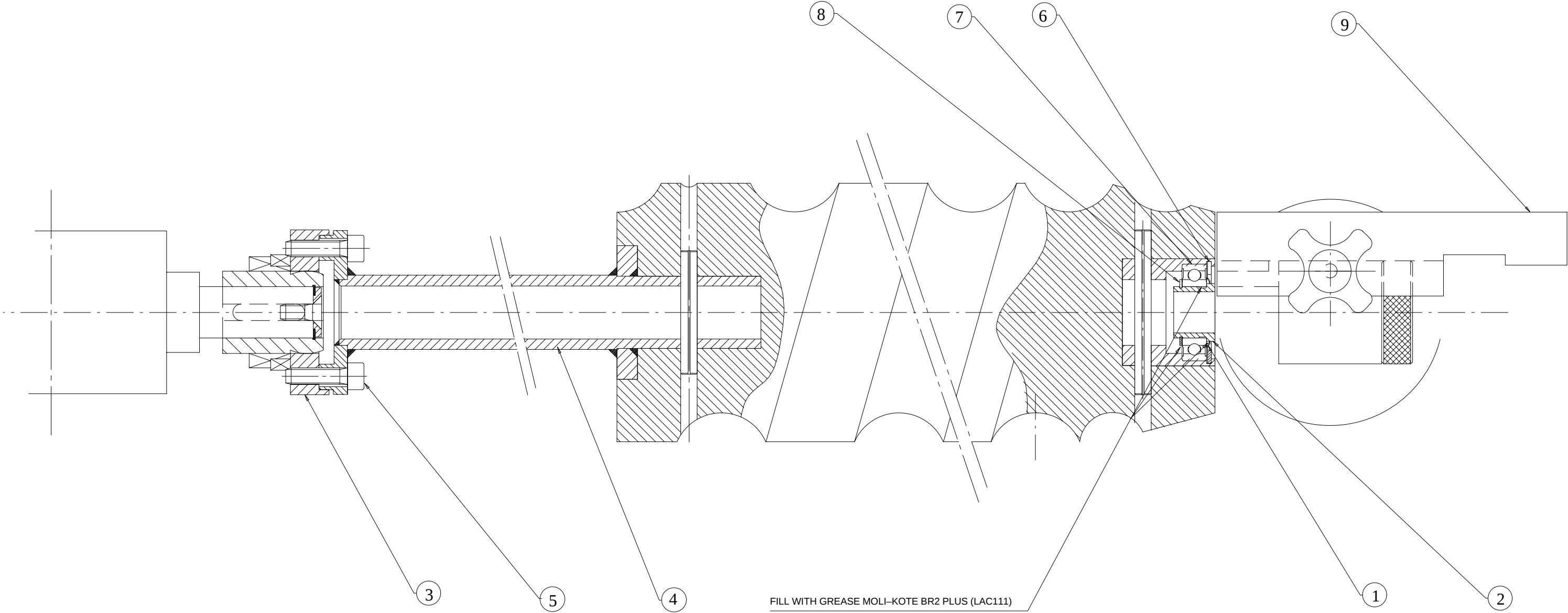




RAA415 * 463C * EUROSTAR

PART LIST
XR01PP036S**DESIGNATION**
WORMSCREW*DRAWING 247008*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	CHG450	RING	1 N.			
2	162213	FLANGE	1 N.			
3	162211	FLANGE	1 N.			
4	292866/335	WORMSCREW	1 N.			
5	HME126	SCREW	2 N.			
6	HZG047	INTERNAL RETAINING RING	1 N.			
7	CAA415	BEARING	1 N.		C	
8	HZC025	EXTERNAL RETAINING RING	1 N.			
9	330677/065	GUIDE	1 N.			

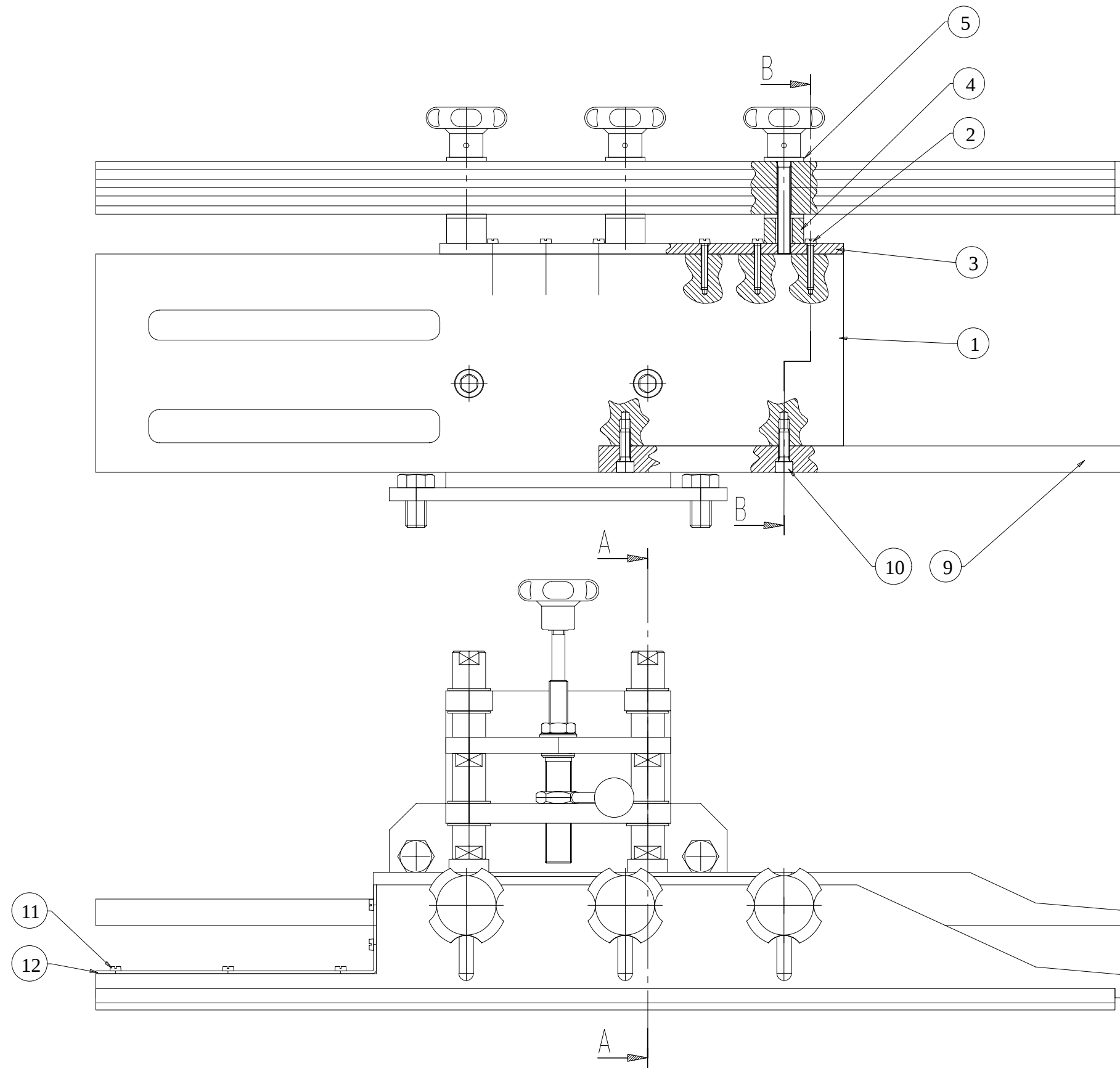




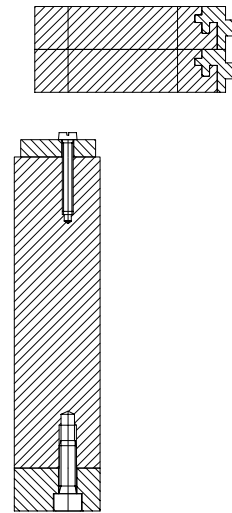
RAA415 * 463C * EUROSTAR

PART LIST
XR02PP029B**DESIGNATION**
INLET WORMSC.COUNTERGUIDE**DRAWING 189117**

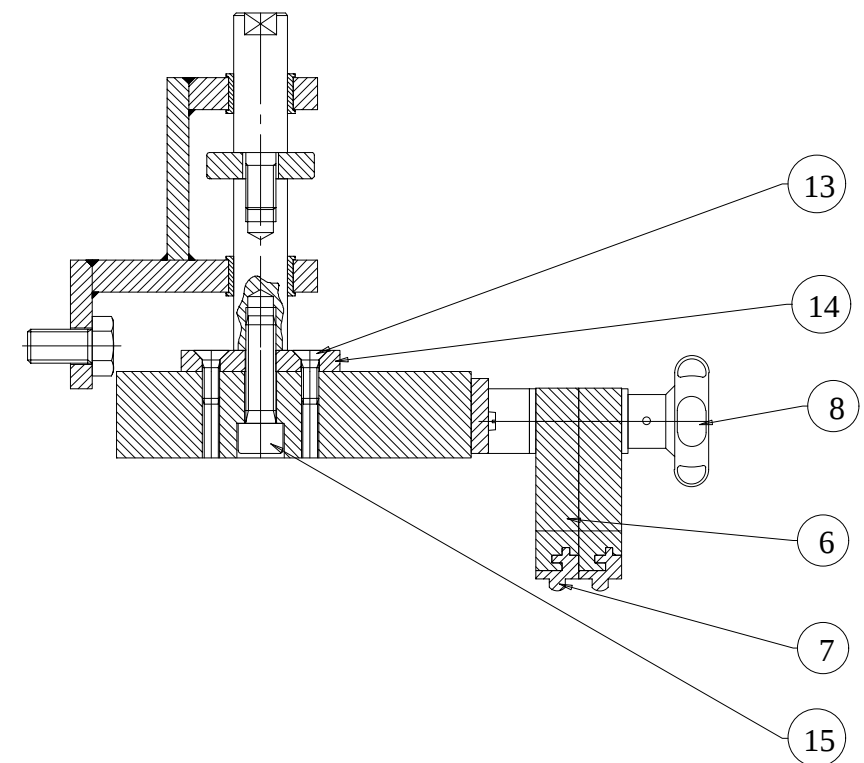
POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	294196/029	INLET WORMSC.COUNTERGUIDE	1 N.			
2	HQZ680	SCREW	6 N.			
3	189262	REINFORCEMENT	1 N.			
4	372633/001	SPACER	3 N.			
5	005103/095	WASHER	6 N.			
6	184886/001	TAB	1 N.			
7	GZC883	PROFILE	1 MT			
8	372653/020	HANDLE	3 N.	S		
9	185240	TAB	1 N.			
10	HME124	SCREW	2 N.			
11	HQZ080	SCREW	5 N.			
12	185931	SHEET	1 N.			
13	HNS024	SCREW	4 N.			
14	185155	PLATE	2 N.			
15	HMH136	SCREW	2 N.			



B-B



A-A

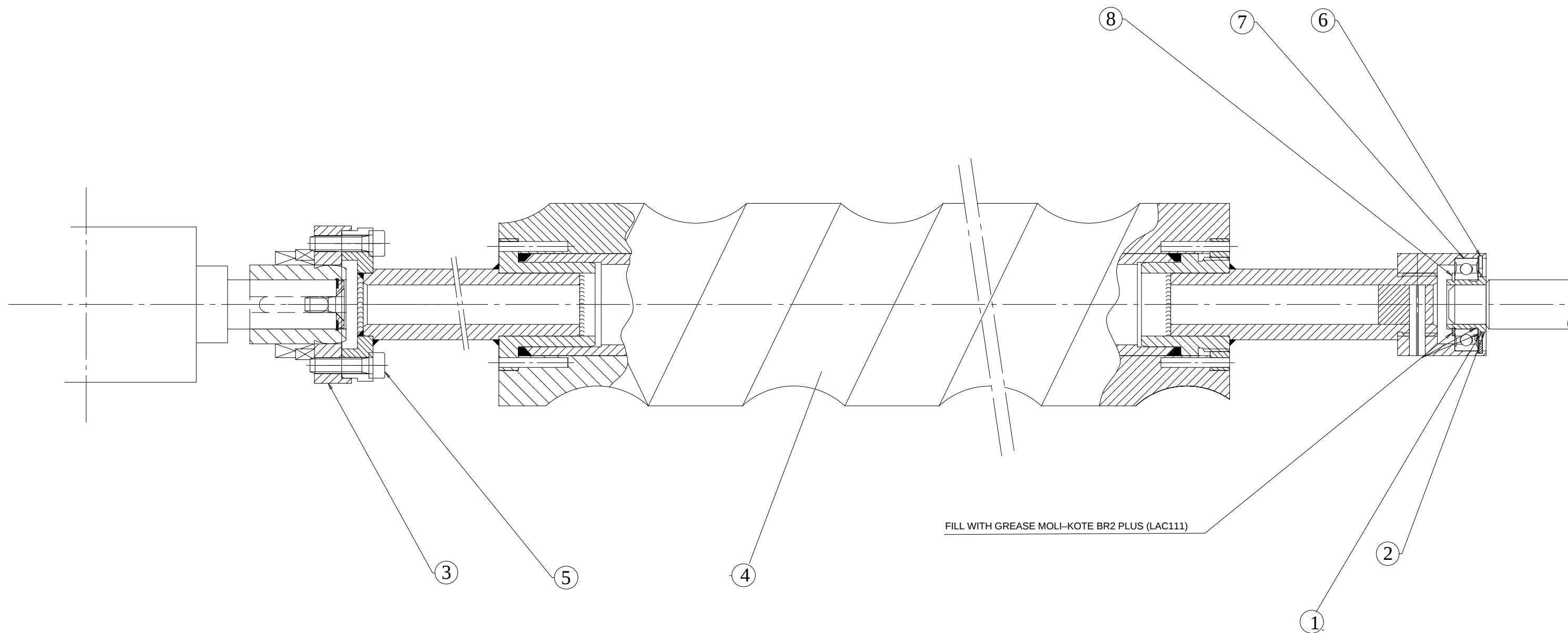




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PART LIST
XR03PP007E**DESIGNATION**
WORMSCREW*DRAWING 166381*

<i>POS.</i>	<i>ITEM</i>	<i>DESIGNATION</i>	<i>Q.TY</i>	<i>S</i>	<i>R</i>	<i>K</i>
1	CHG450	RING	1 N.			
2	162213	FLANGE	1 N.			
3	162211	FLANGE	1 N.			
4	292843/043	WORMSCREW	1 N.			
5	HME126	SCREW	2 N.			
6	HZG047	INTERNAL RETAINING RING	1 N.			
7	CAA415	BEARING	1 N.		C	
8	HZC025	EXTERNAL RETAINING RING	1 N.			



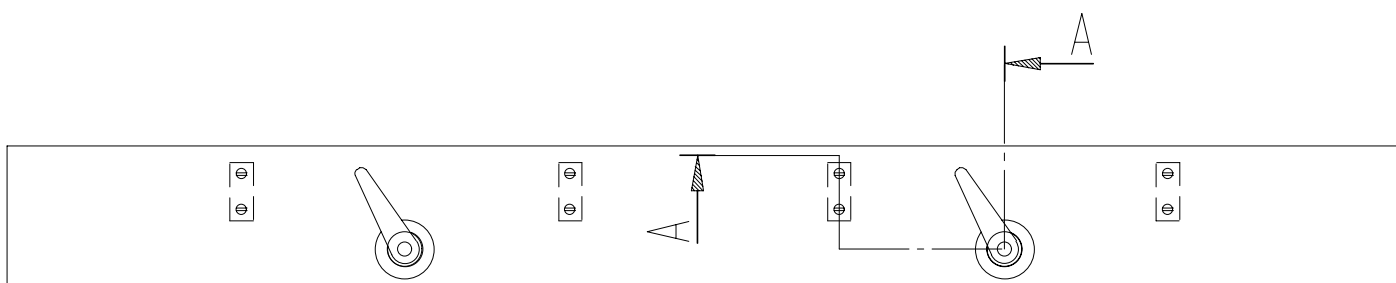
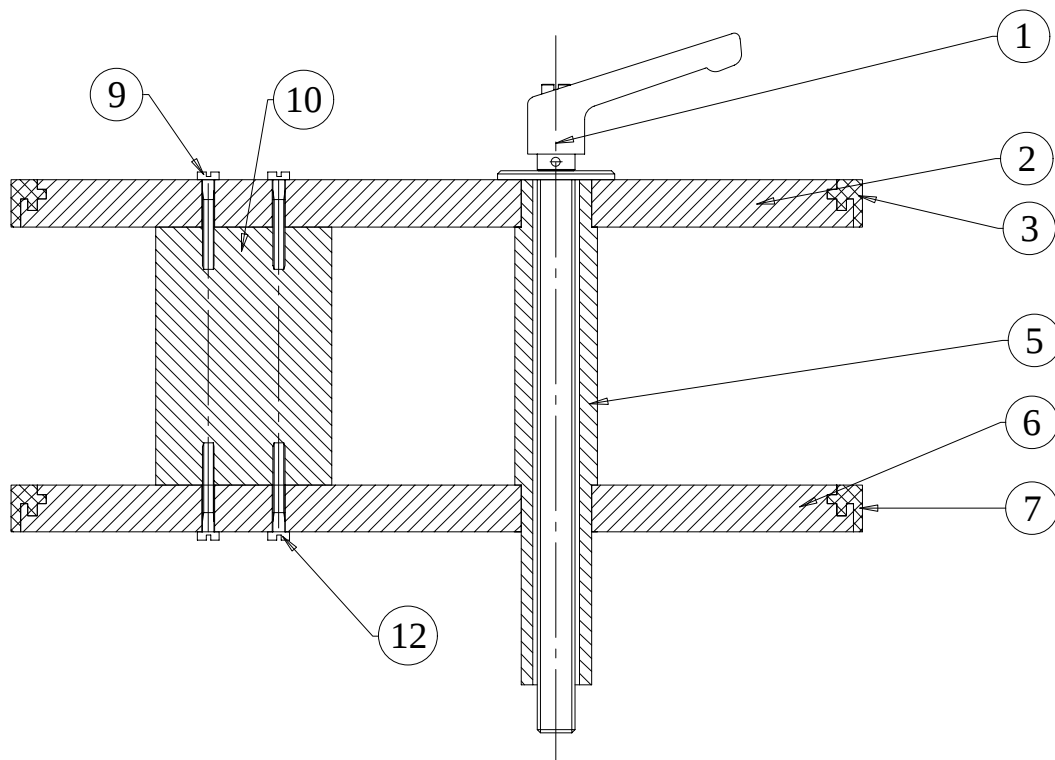


RAA415 * 463C * EUROSTAR

PART LIST
XR04PP003Y**DESIGNATION**
TRANSF.WORMS.COUNTERGUIDE**DRAWING 182022**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/018	HANDLE	2 N.	S		
2	80PR001G34	COUNTERGUIDE	1 N.			
3	GZC107	PROFILE	2 MT			
5	372641/030	SPACER	2 N.			
6	80PR001G35	COUNTERGUIDE	1 N.			
7	GZC107	PROFILE	2 MT			
9	HQZ680	SCREW	11 N.			
10	350056/077	SPACER	1 N.			
10	350056/287	SPACER	1 N.			
12	HQZ680	SCREW	11 N.			

A-A

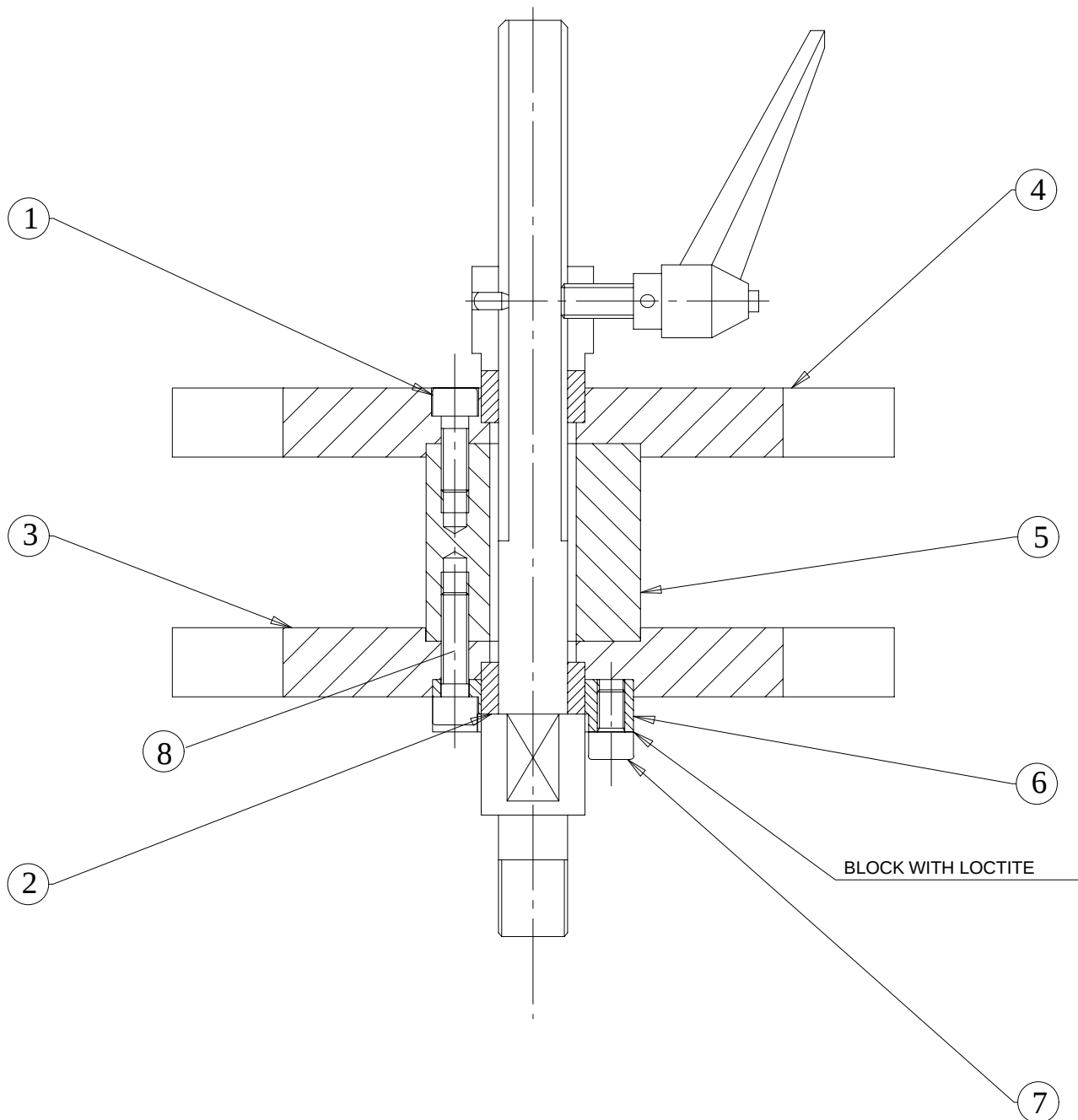




RAA415 * 463C * EUROSTAR

PART LIST
XR05PP030D**DESIGNATION**
BOTTLE STOP STARWHEEL**DRAWING 349622**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	HME124	SCREW	3 N.			
2	184712	BUSHING	2 N.			
3	329702/053	STARWHEEL	1 N.			
4	329705/061	STARWHEEL	1 N.			
5	372645/005	SPACER	1 N.			
6	250368/004	DISK	1 N.			
7	HME112	SCREW	3 N.			
8	HME126	SCREW	3 N.			

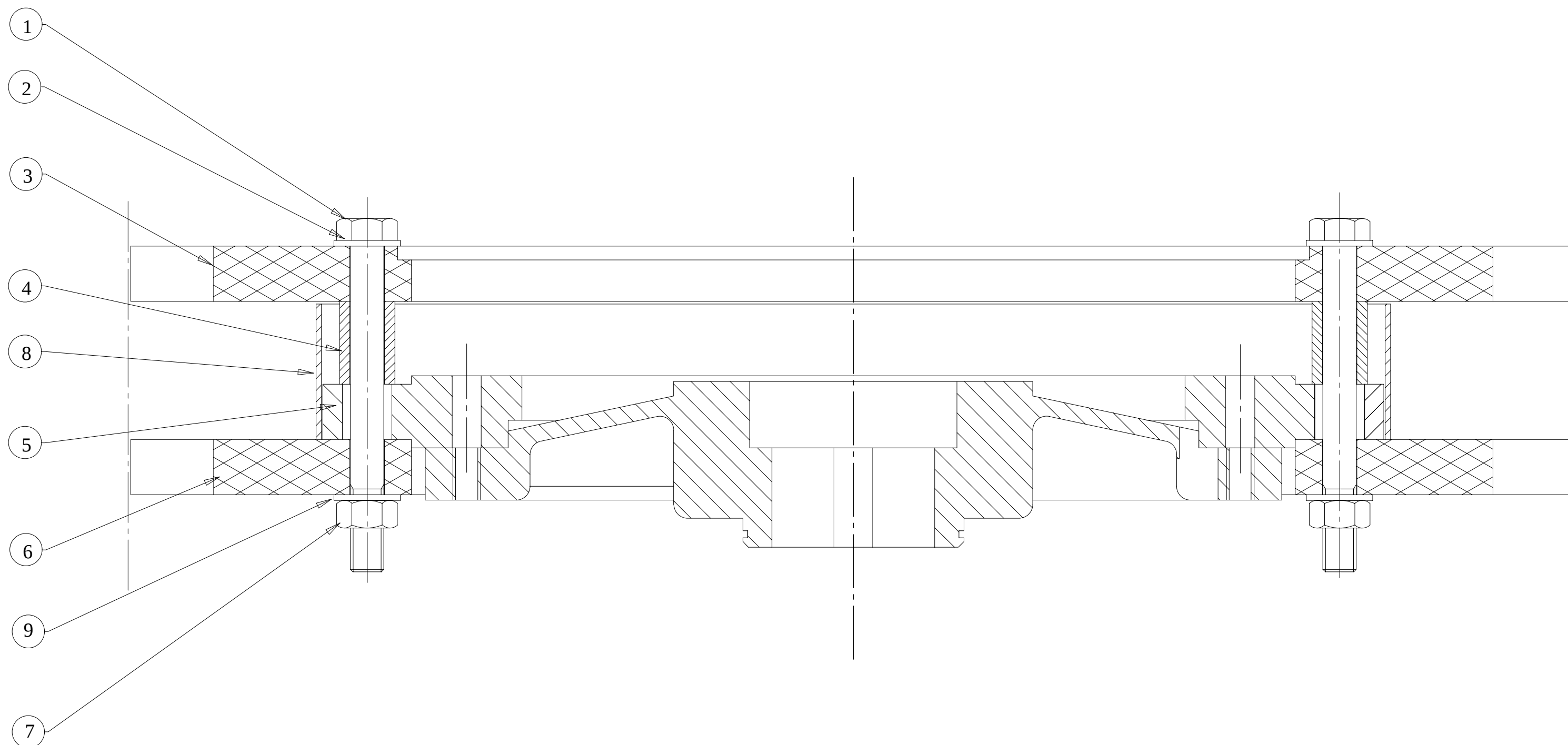




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PART LIST
XR06PP020N**DESIGNATION**
STARWHEEL**DRAWING 172675**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	HLG168	SCREW	5 N.			
2	HRU012	WASHER	5 N.			
3	444560	STARWHEEL	1 N.			
4	372633/033	SPACER	5 N.			
5	183972/002	HUB	1 N.			
6	444561	STARWHEEL	1 N.			
7	HRP012	NUT	5 N.			
8	292793/059	CYLINDER	1 N.			
9	HRU012	WASHER	5 N.			

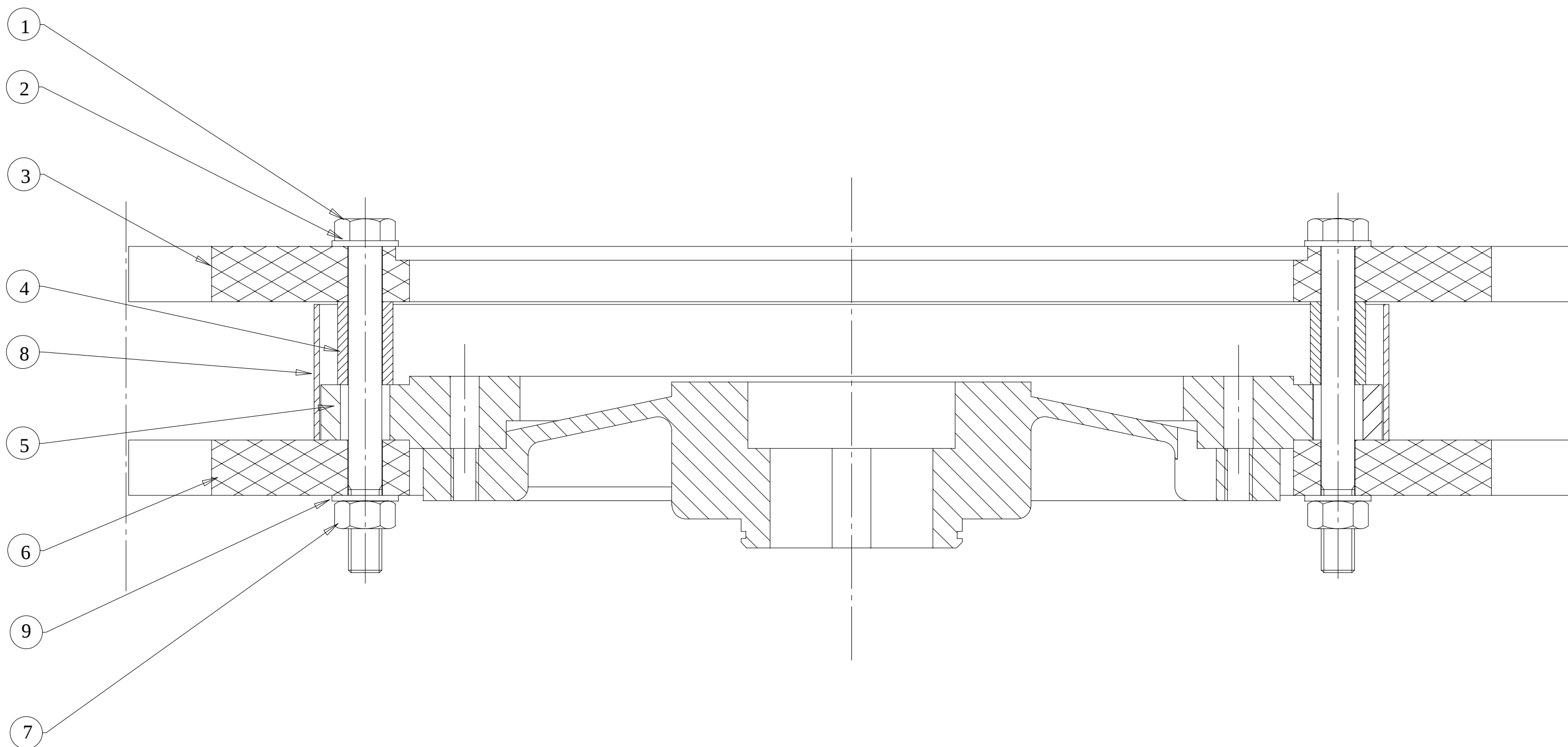




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PART LIST
XR09PP023I**DESIGNATION**
STARWHEEL*DRAWING 172675*

<i>POS.</i>	<i>ITEM</i>	<i>DESIGNATION</i>	<i>Q.TY</i>	<i>S</i>	<i>R</i>	<i>K</i>
1	HLG168	SCREW	6 N.			
2	HRU012	WASHER	6 N.			
3	444562	STARWHEEL	1 N.			
4	372633/033	SPACER	6 N.			
5	183972/003	HUB	1 N.			
6	444563	STARWHEEL	1 N.			
7	HRP012	NUT	6 N.			
8	292793/084	CYLINDER	1 N.			
9	HRU012	WASHER	6 N.			

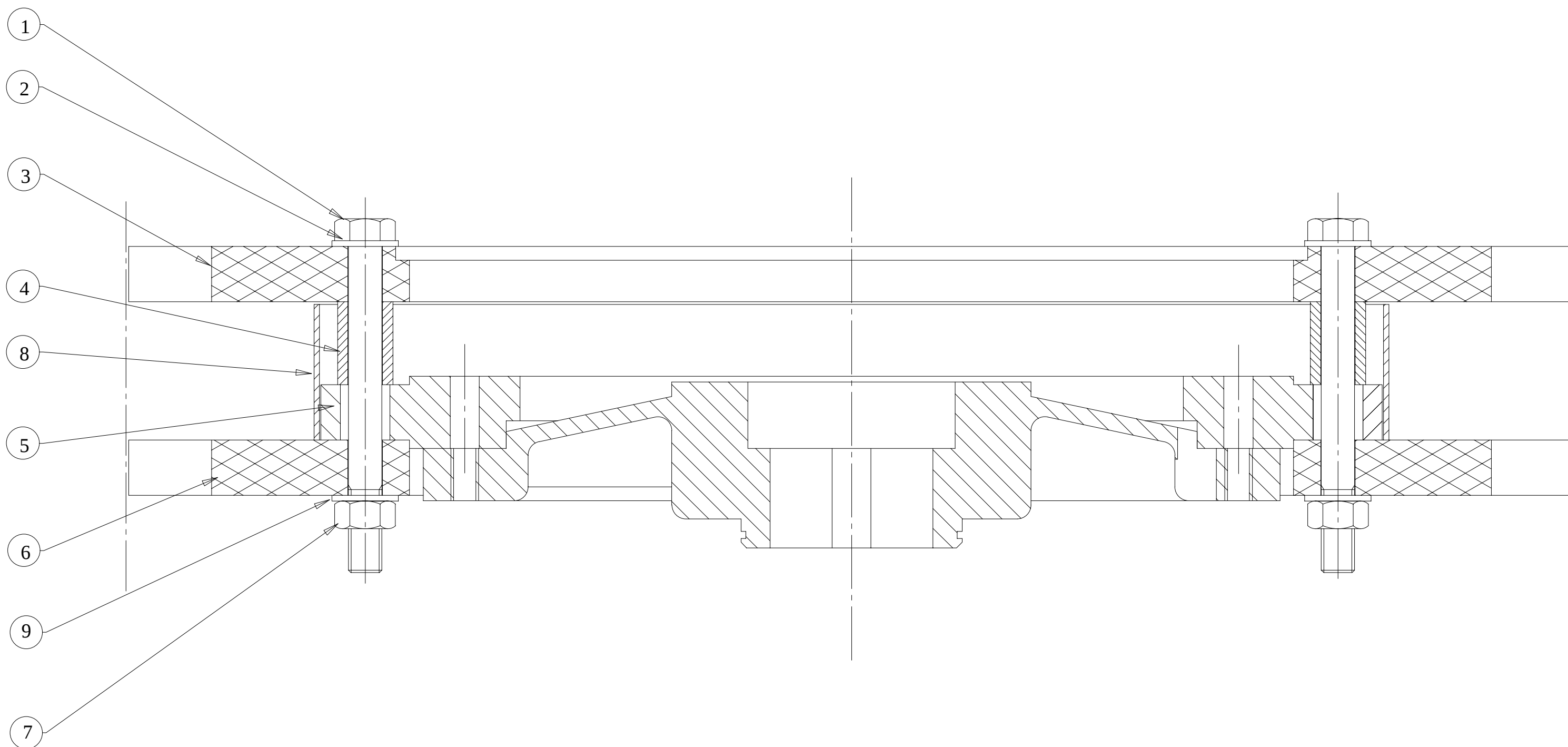




RAA415 * 463C * EUROSTAR

PART LIST
XR09PP023I**DESIGNATION**
STARWHEEL*DRAWING 172675*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	HLG168	SCREW	6 N.			
2	HRU012	WASHER	6 N.			
3	444562	STARWHEEL	1 N.			
4	372633/033	SPACER	6 N.			
5	183972/003	HUB	1 N.			
6	444563	STARWHEEL	1 N.			
7	HRP012	NUT	6 N.			
8	292793/084	CYLINDER	1 N.			
9	HRU012	WASHER	6 N.			



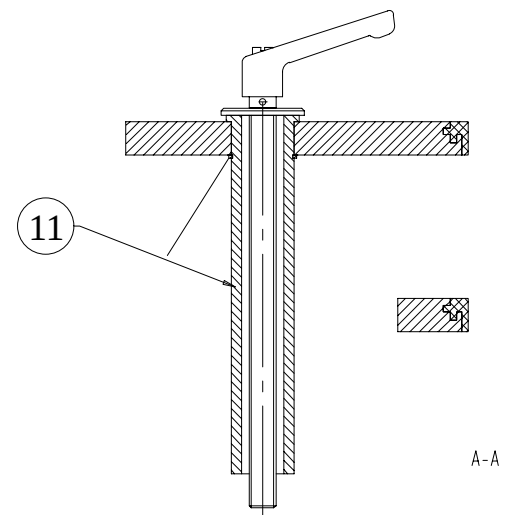
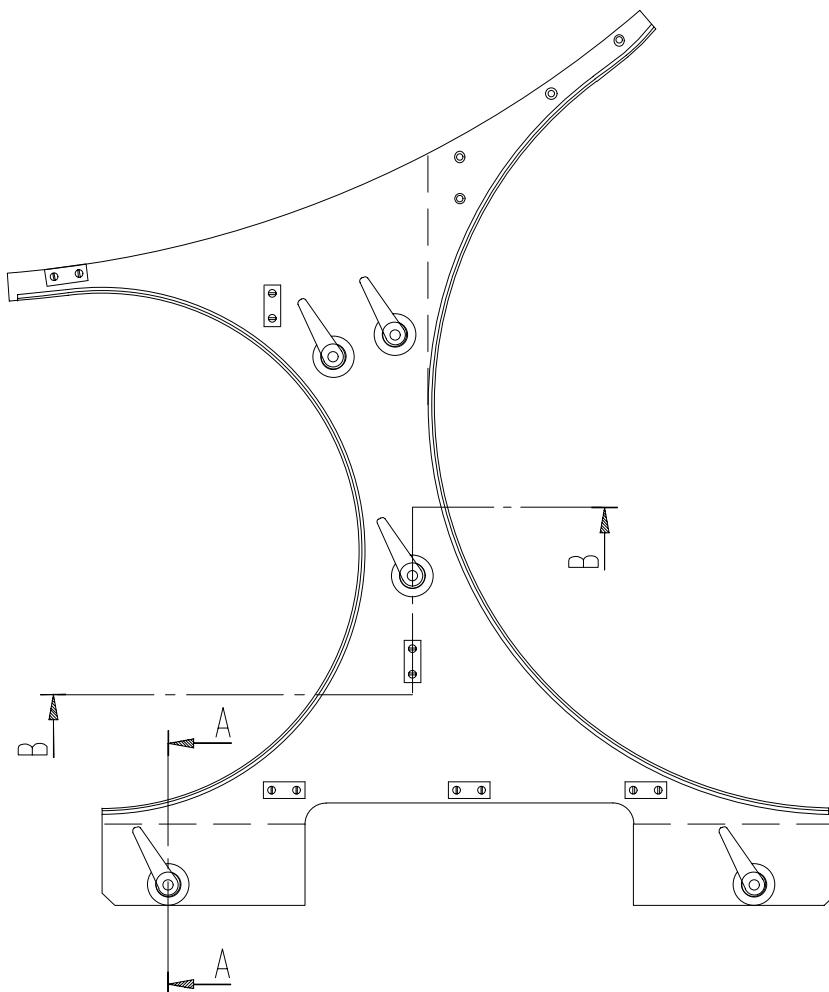
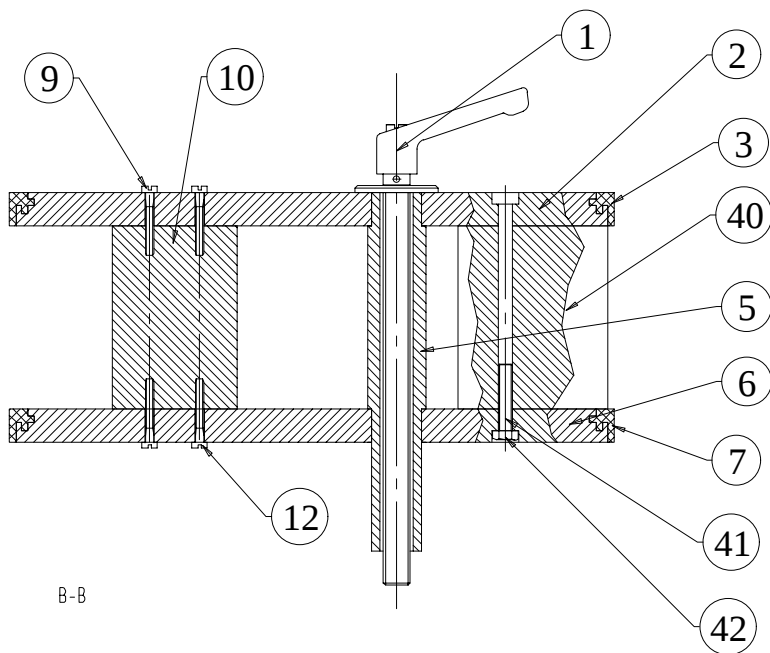


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PART LIST
XR12PP024D**DESIGNATION**
GUIDE

DRAWING 173069

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/001	HANDLE	4 N.	S		
2	80PR001G29	GUIDE	1 N.			
3	GZC107	PROFILE	3 MT			
5	372641/099	SPACER	3 N.			
6	80PR001G30	GUIDE	1 N.			
7	GZC107	PROFILE	3 MT			
9	HQZ680	SCREW	23 N.			
10	350056/134	SPACER	1 N.			
10	350056/132	SPACER	1 N.			
10	350056/364	SPACER	1 N.			
10	350056/036	SPACER	1 N.			
11	HZF030	EXTERNAL RETAINING RING	1 N.			
11	372637/044	STUD	1 N.			
12	HQZ680	SCREW	23 N.			
40	80PR001G31	TAB	1 N.			
41	HMD156	SCREW	5 N.			
42	HRP006	NUT	5 N.			



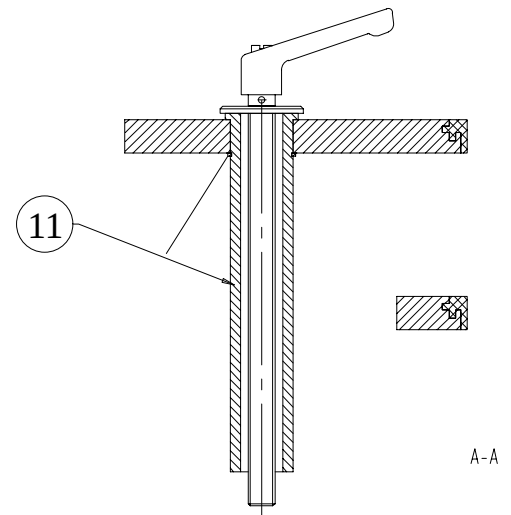
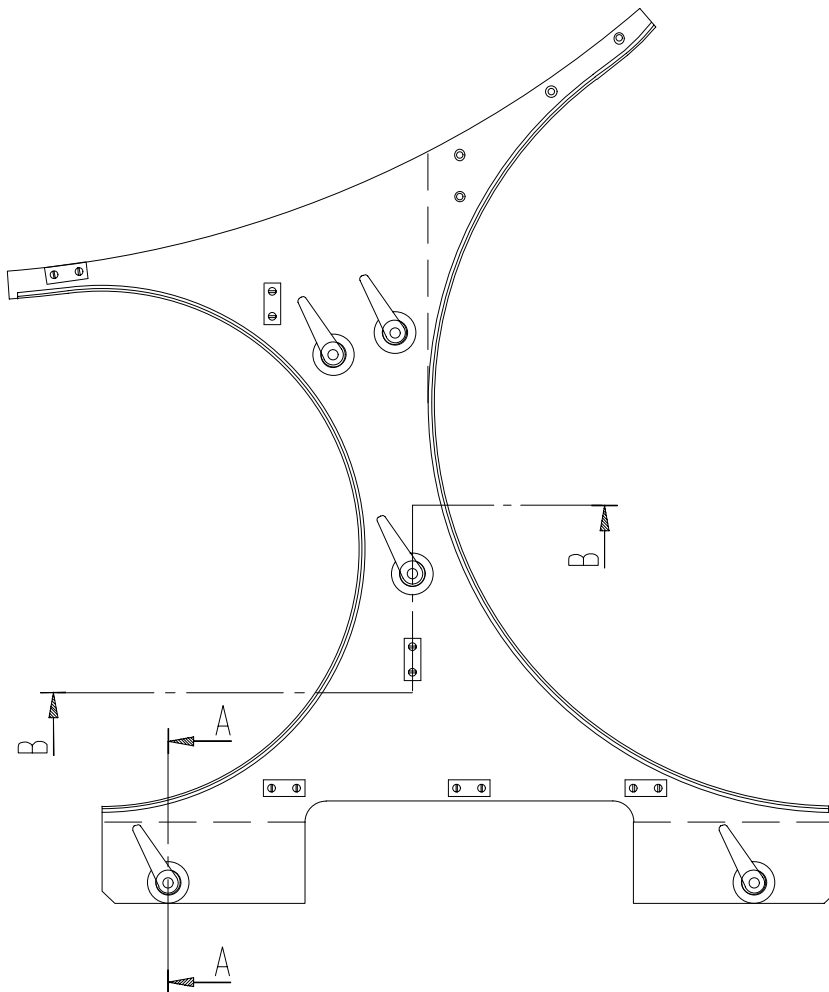
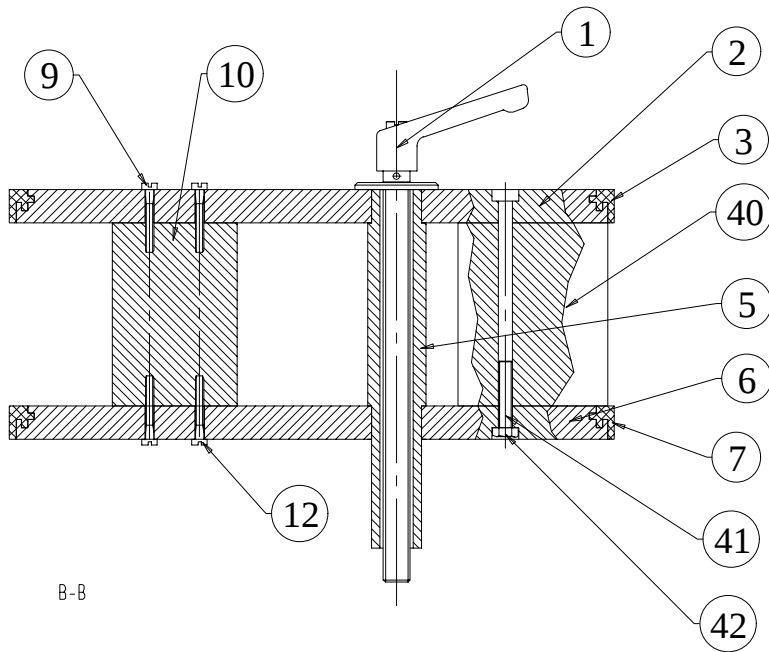


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PART LIST
XR13PP005Y**DESIGNATION**
GUIDE

DRAWING 173069

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/001	HANDLE	5 N.	S		
2	80PR001G26	GUIDE	1 N.			
3	GZC107	PROFILE	3 MT			
5	372641/099	SPACER	4 N.			
6	80PR001G27	GUIDE	1 N.			
7	GZC107	PROFILE	3 MT			
9	HQZ680	SCREW	27 N.			
10	350056/134	SPACER	1 N.			
10	350056/364	SPACER	1 N.			
10	350056/034	SPACER	1 N.			
10	350056/035	SPACER	1 N.			
10	350056/036	SPACER	1 N.			
11	HZF030	EXTERNAL RETAINING RING	1 N.			
11	372637/044	STUD	1 N.			
12	HQZ680	SCREW	27 N.			
40	80PR001G28	TAB	1 N.			
41	HME156	SCREW	5 N.			
42	HRP008	NUT	5 N.			



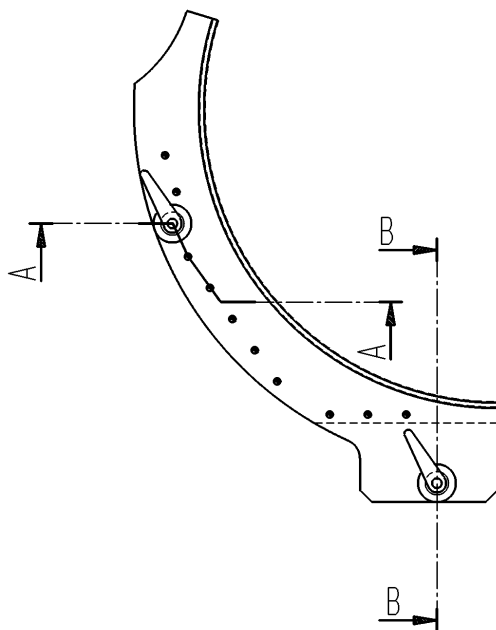
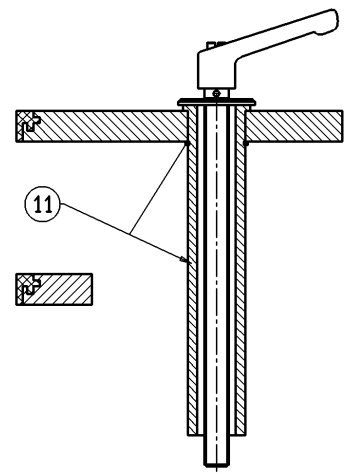
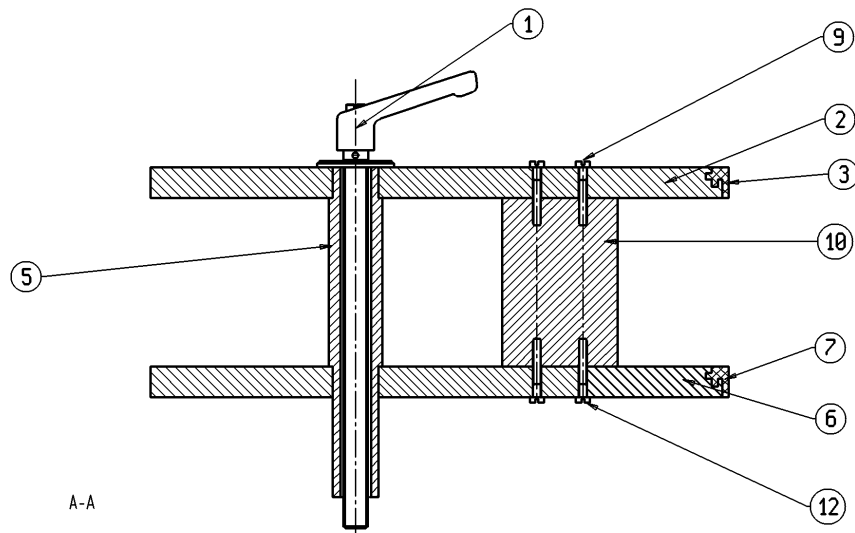


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PART LIST
XR14PP021F**DESIGNATION**
GUIDE

DRAWING 441086

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/058	HANDLE	2 N.	S		
2	80PR001G36	GUIDE	1 N.			
3	GZC107	PROFILE	2 MT			
5	372641/158	SPACER	2 N.			
6	80PR001G37	GUIDE	1 N.			
7	GZC107	PROFILE	2 MT			
9	HQZ680	SCREW	9 N.			
10	350056/134	SPACER	1 N.			
10	350056/132	SPACER	1 N.			
10	350056/035	SPACER	1 N.			
11	HZF030	EXTERNAL RETAINING RING	1 N.			
11	372637/056	STUD	1 N.			
12	HQZ680	SCREW	9 N.			

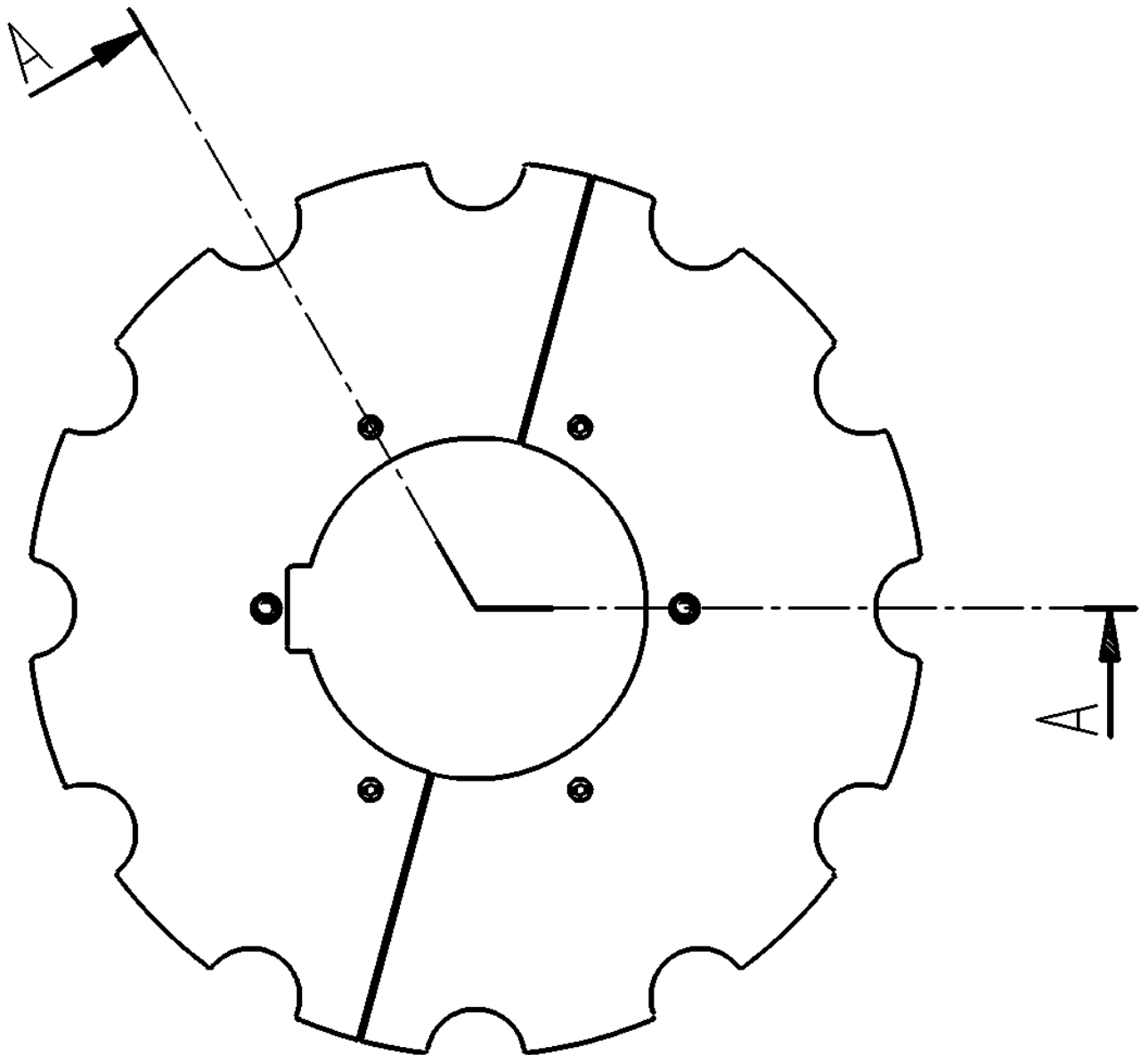
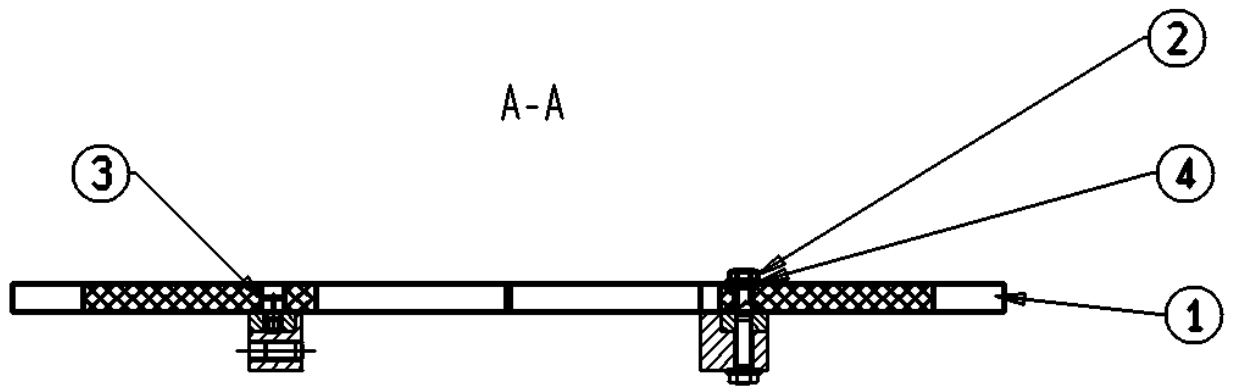




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PART LIST
XR16PP041K**DESIGNATION**
STARWHEEL**DRAWING 445700**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	445702	STARWHEEL	1 N.			
2	HLE032	SCREW	2 N.			
3	HMD110	SCREW	4 N.			
4	HRP008	NUT	2 N.			



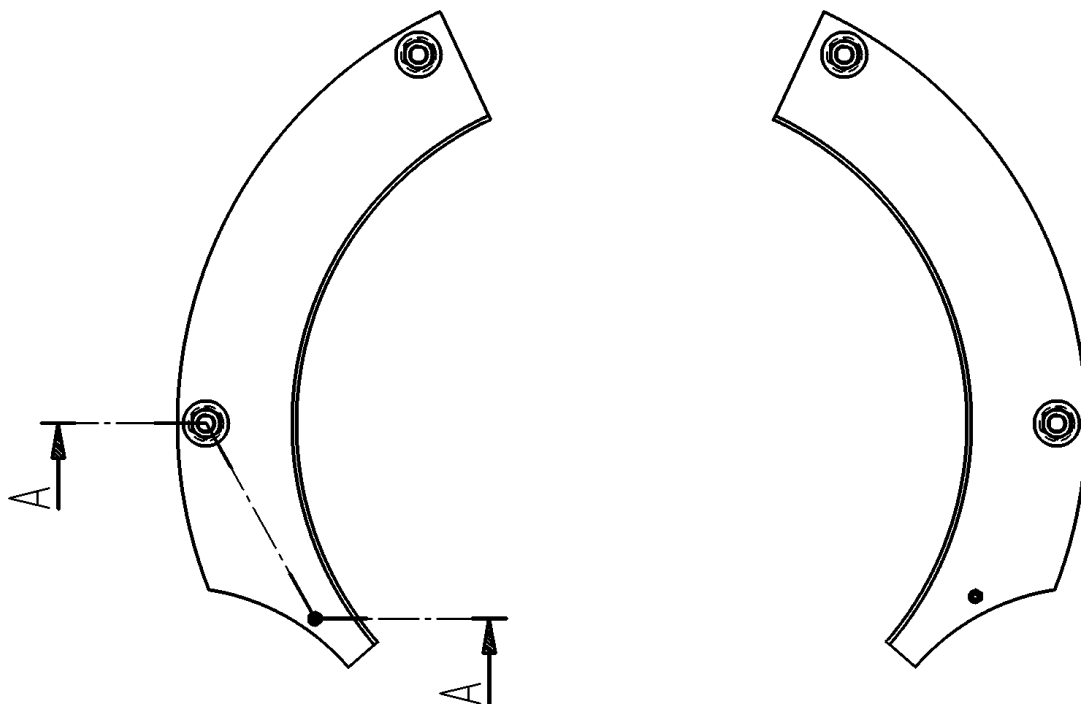
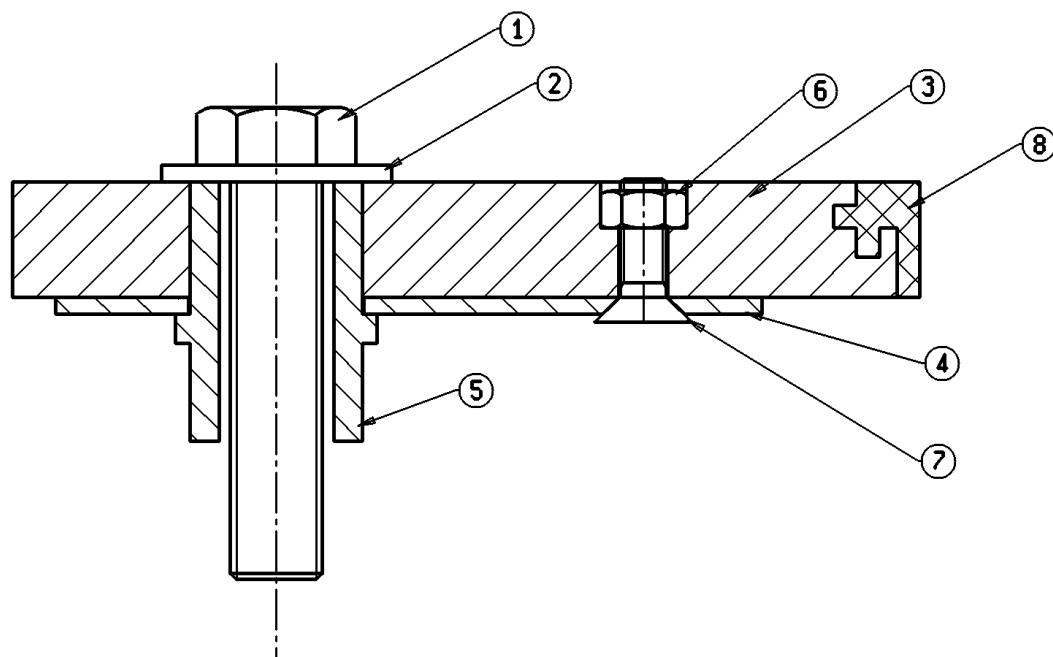


RAA415 * 463C * EUROSTAR

PART LIST
XR18PP034J**DESIGNATION**
CROWNER EXTERNAL GUIDE**DRAWING 445701**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	HLJ172	SCREW	4 N.			
2	005103/064	WASHER	4 N.			
3	445801	GUIDE	1 N.			
4	445802	SHEET	1 N.			
5	372641/160	SPACER	4 N.			
6	HRP006	NUT	2 N.			
7	HNR020	SCREW	2 N.			
8	GZC107	PROFILE	2 MT			

A-A



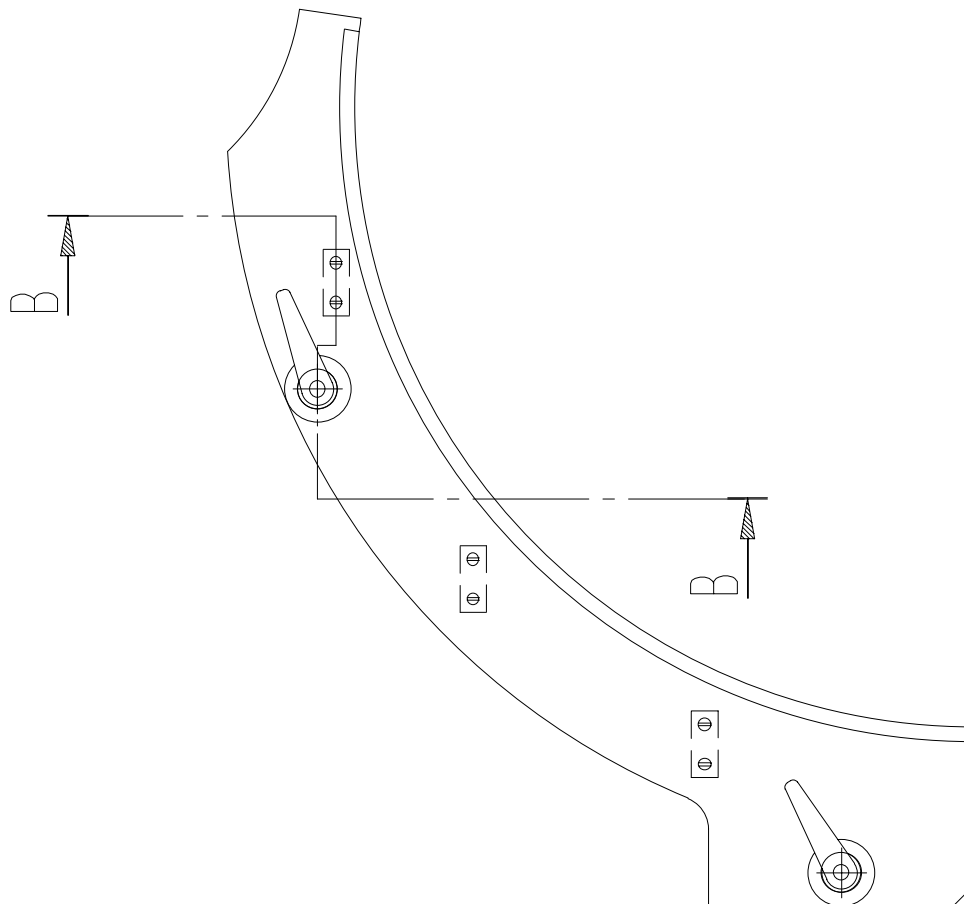
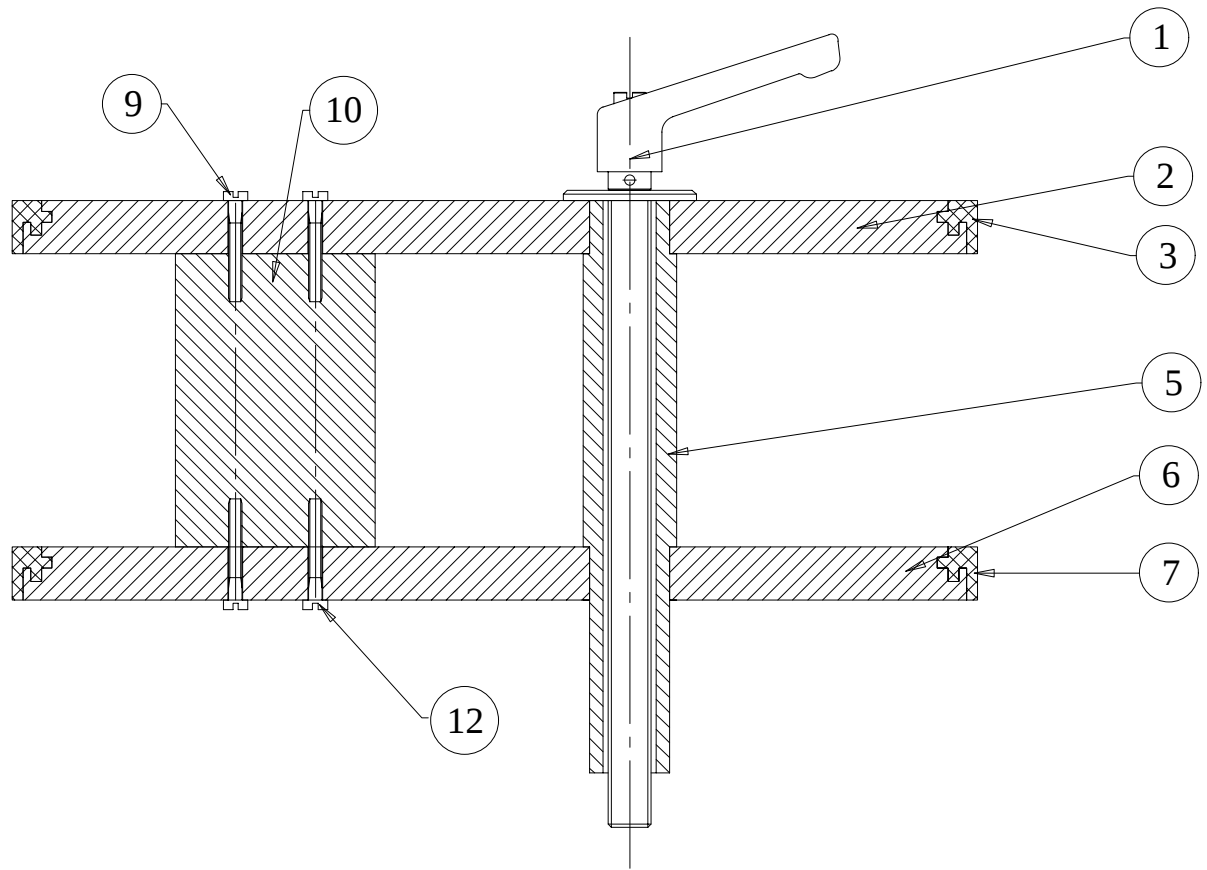


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PART LIST
XR19PP021L**DESIGNATION**
CROWNER OUTLET GUIDE**DRAWING 175869**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/058	HANDLE	2 N.	S		
2	80PR001G38	GUIDE	1 N.			
3	GZC107	PROFILE	2 MT			
5	372641/158	SPACER	2 N.			
6	80PR001G39	GUIDE	1 N.			
7	GZC107	PROFILE	2 MT			
9	HQZ680	SCREW	11 N.			
10	350056/132	SPACER	1 N.			
10	350056/033	SPACER	1 N.			
10	350056/035	SPACER	1 N.			
12	HQZ680	SCREW	11 N.			

B-B



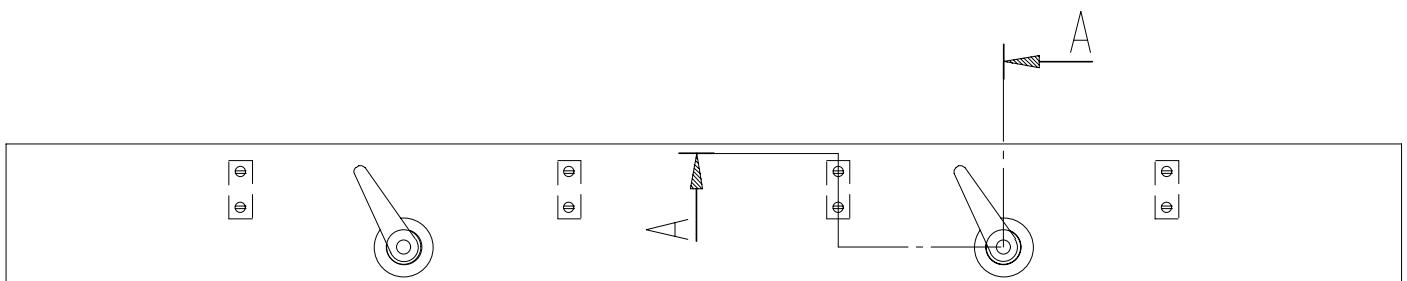
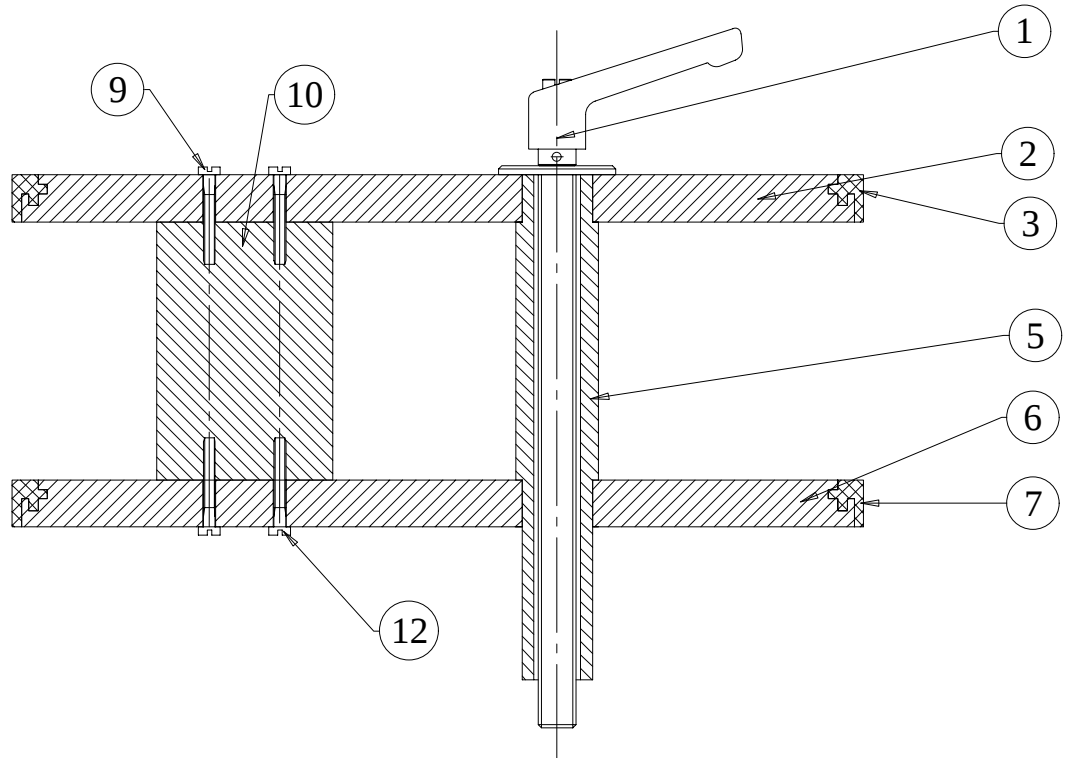


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PART LIST
XR26PP038G**DESIGNATION**
INTERNAL OUTLET GUIDE*DRAWING 182022*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/058	HANDLE	2 N.	S		
2	80PR001G40	GUIDE	1 N.			
3	GZC107	PROFILE	2 MT			
5	372641/158	SPACER	2 N.			
6	80PR001G41	GUIDE	1 N.			
7	GZC107	PROFILE	2 MT			
9	HQZ680	SCREW	4 N.			
10	350056/035	SPACER	2 N.			
12	HQZ680	SCREW	4 N.			

A-A





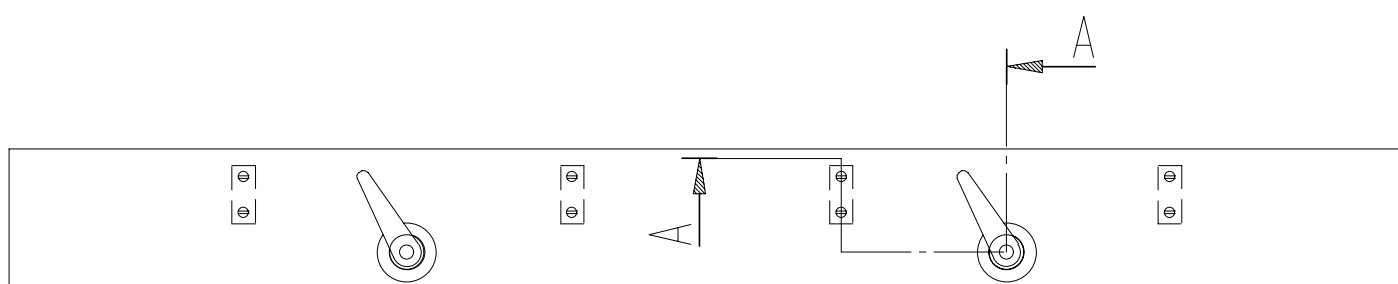
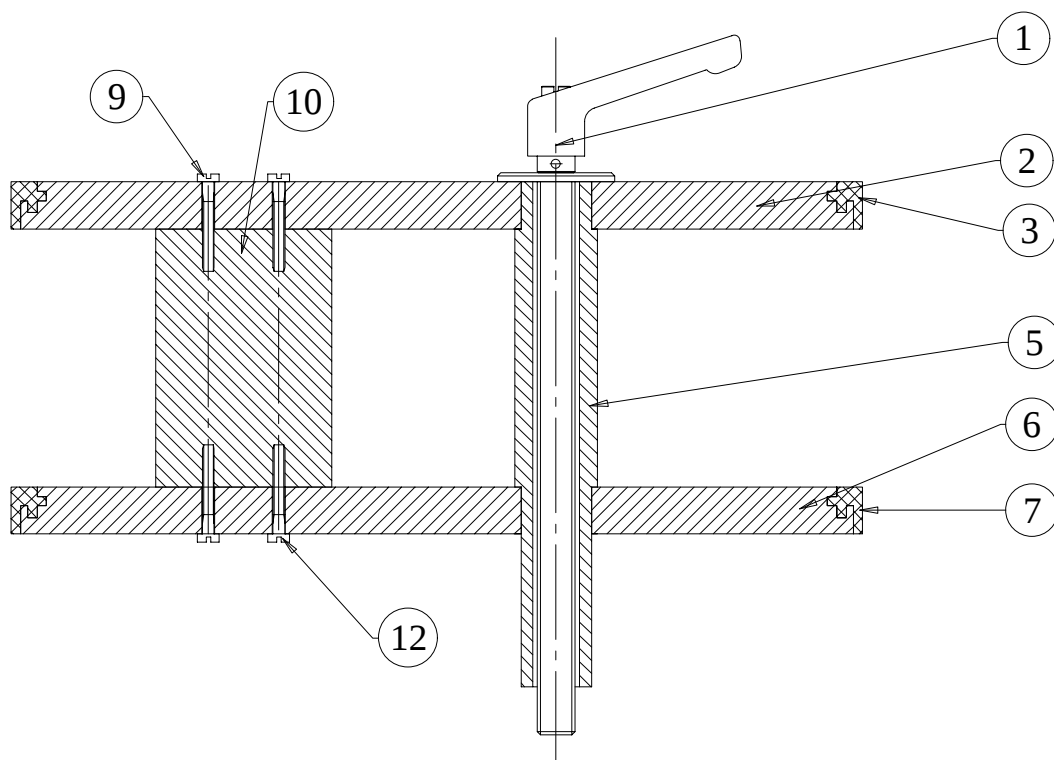
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PART LIST
XR27PP024R**DESIGNATION**
EXTERNAL OUTLET GUIDE

DRAWING 182022

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	372654/001	HANDLE	2 N.	S		
2	80PR001G42	GUIDE	1 N.			
3	GZC107	PROFILE	2 MT			
5	372641/159	SPACER	2 N.			
6	80PR001G43	GUIDE	1 N.			
7	GZC107	PROFILE	2 MT			
9	HQZ680	SCREW	10 N.			
10	350056/058	SPACER	1 N.			
10	350056/057	SPACER	1 N.			
10	350056/055	SPACER	1 N.			
12	HQZ680	SCREW	10 N.			

A-A

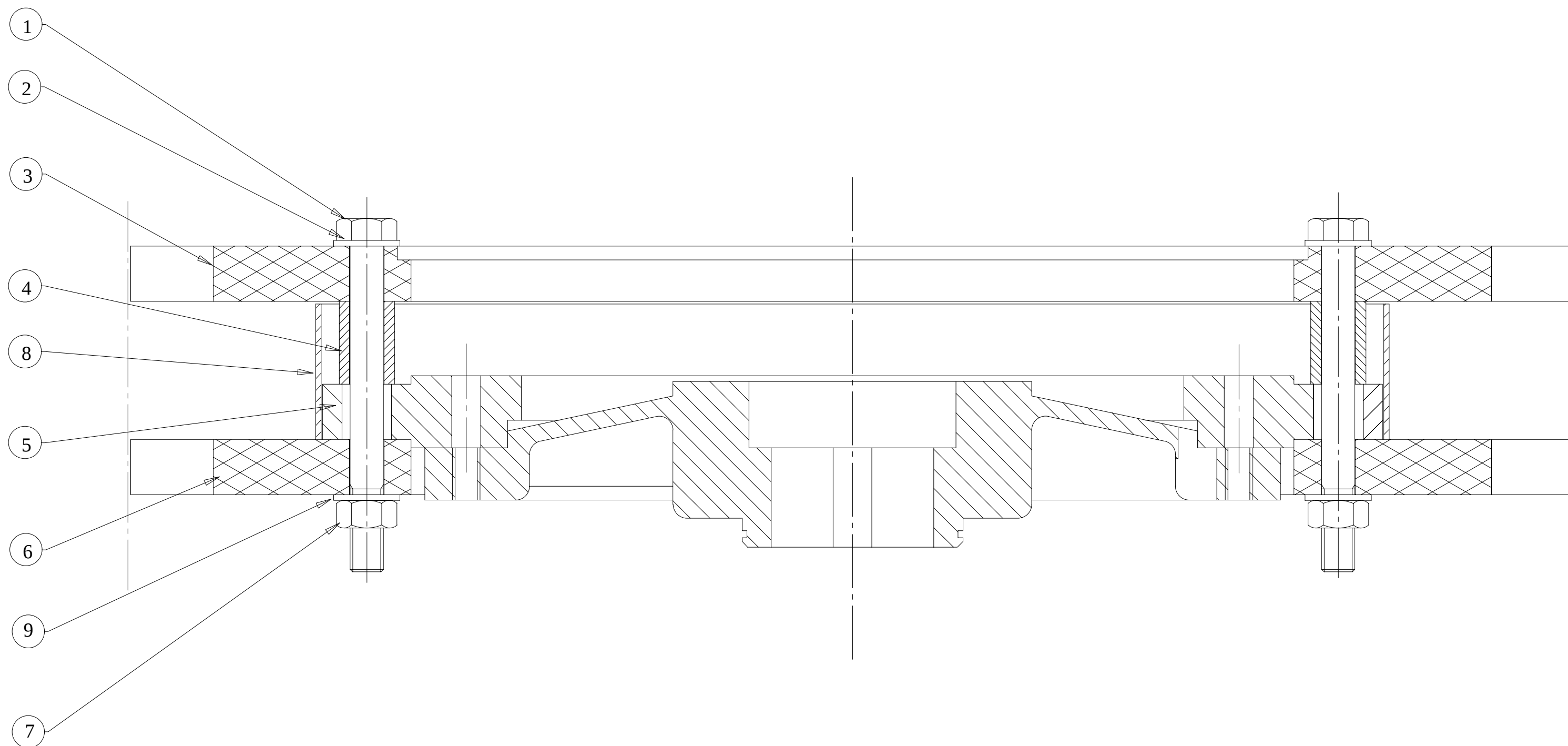




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PART LIST
XR59PP003D**DESIGNATION**
STARWHEEL*DRAWING 172675*

<i>POS.</i>	<i>ITEM</i>	<i>DESIGNATION</i>	<i>Q.TY</i>	<i>S</i>	<i>R</i>	<i>K</i>
1	HLG168	SCREW	5 N.			
2	HRU012	WASHER	5 N.			
3	444564	STARWHEEL	1 N.			
4	372633/044	SPACER	5 N.			
5	183972/001	HUB	1 N.			
6	444565	STARWHEEL	1 N.			
7	HRP012	NUT	5 N.			
8	292793/108	CYLINDER	1 N.			
9	HRU012	WASHER	5 N.			

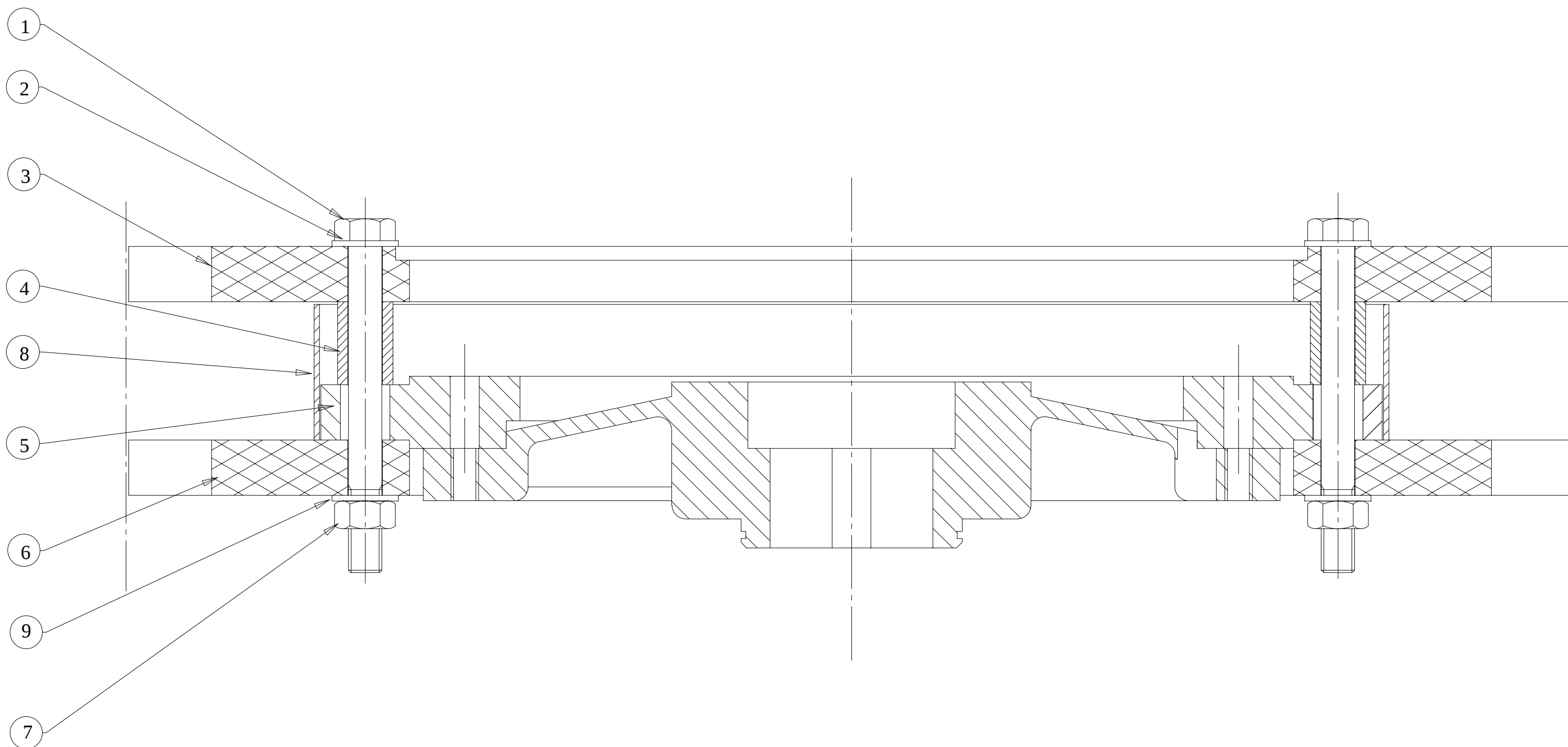




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PART LIST
XR59PP003D**DESIGNATION**
STARWHEEL*DRAWING 172675*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	HLG168	SCREW	5 N.			
2	HRU012	WASHER	5 N.			
3	444564	STARWHEEL	1 N.			
4	372633/044	SPACER	5 N.			
5	183972/001	HUB	1 N.			
6	444565	STARWHEEL	1 N.			
7	HRP012	NUT	5 N.			
8	292793/108	CYLINDER	1 N.			
9	HRU012	WASHER	5 N.			



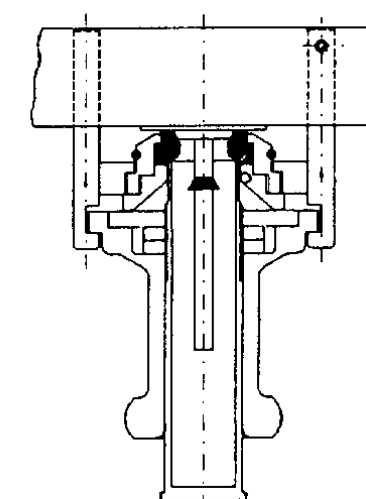
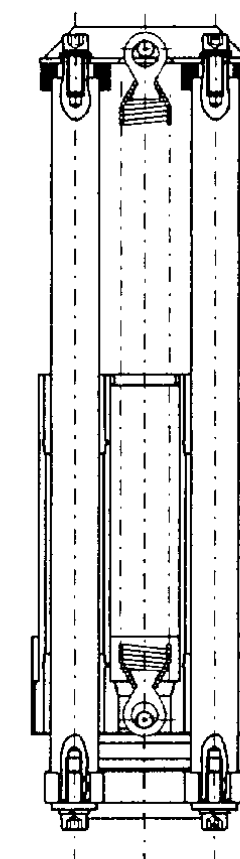
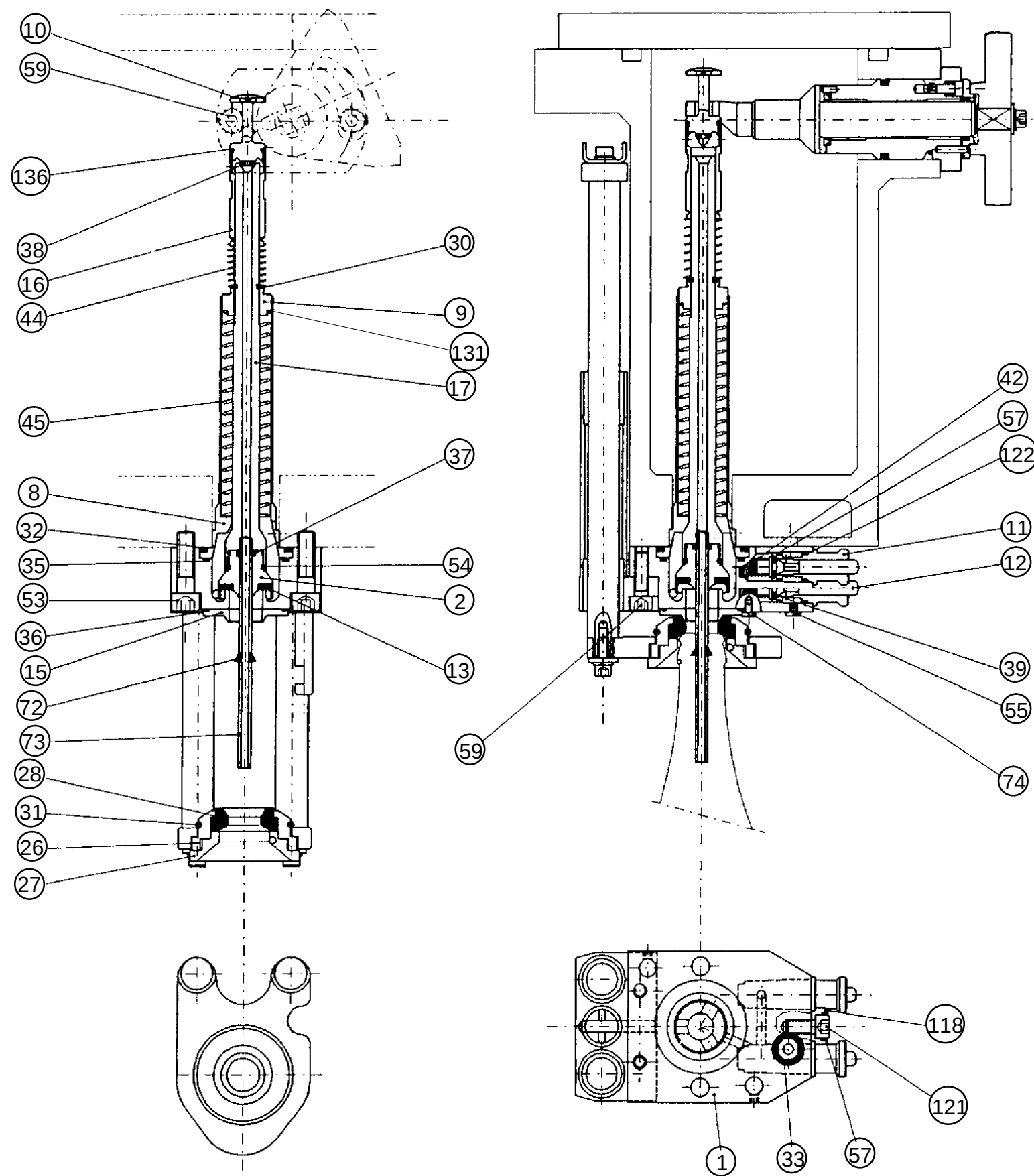


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PART LIST
X000VRAA415**DESIGNATION**
FILLING VALVE

DRAWING 206055

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	XR01AB201D	FILLING VALVE	1 N.		C	
2	XR01AB303M	INNER GROUP	1 N.		C	
3	XR01AB401G	OPENINGCLOSING CONTROL	1 N.		C	
4	XR01AB500A	COLUMNS GROUP	1 N.		C	
5	XR01AB600A	DECOMPRESSION NOZZLE	1 N.		C	
5	XR01AB600B	DECOMPRESSION NOZZLE	1 N.		C	
5	XR01AB600L	DECOMPRESSION NOZZLE	1 N.		C	
6	XR01AB600N	DECOMPRESSION FLOW DAMPER	1 N.		C	
7	XR01AB651G	CENTERING CUP	1 N.		C	
8	XR01AB700A	LIQUID FLOW CONE	1 N.		C	
9	XR01AB850A	DUMMY BOTTLE	1 N.		C	



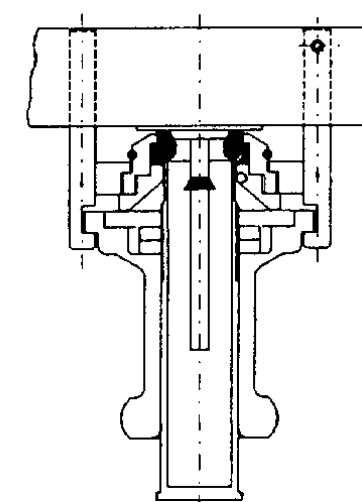
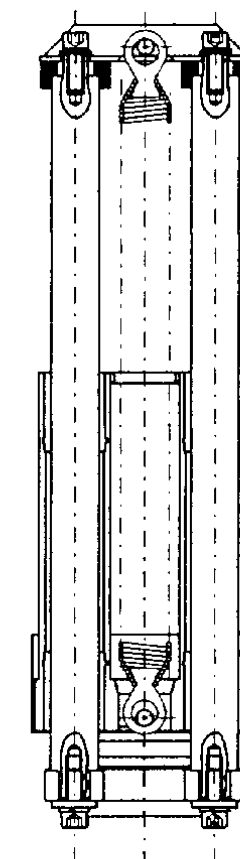
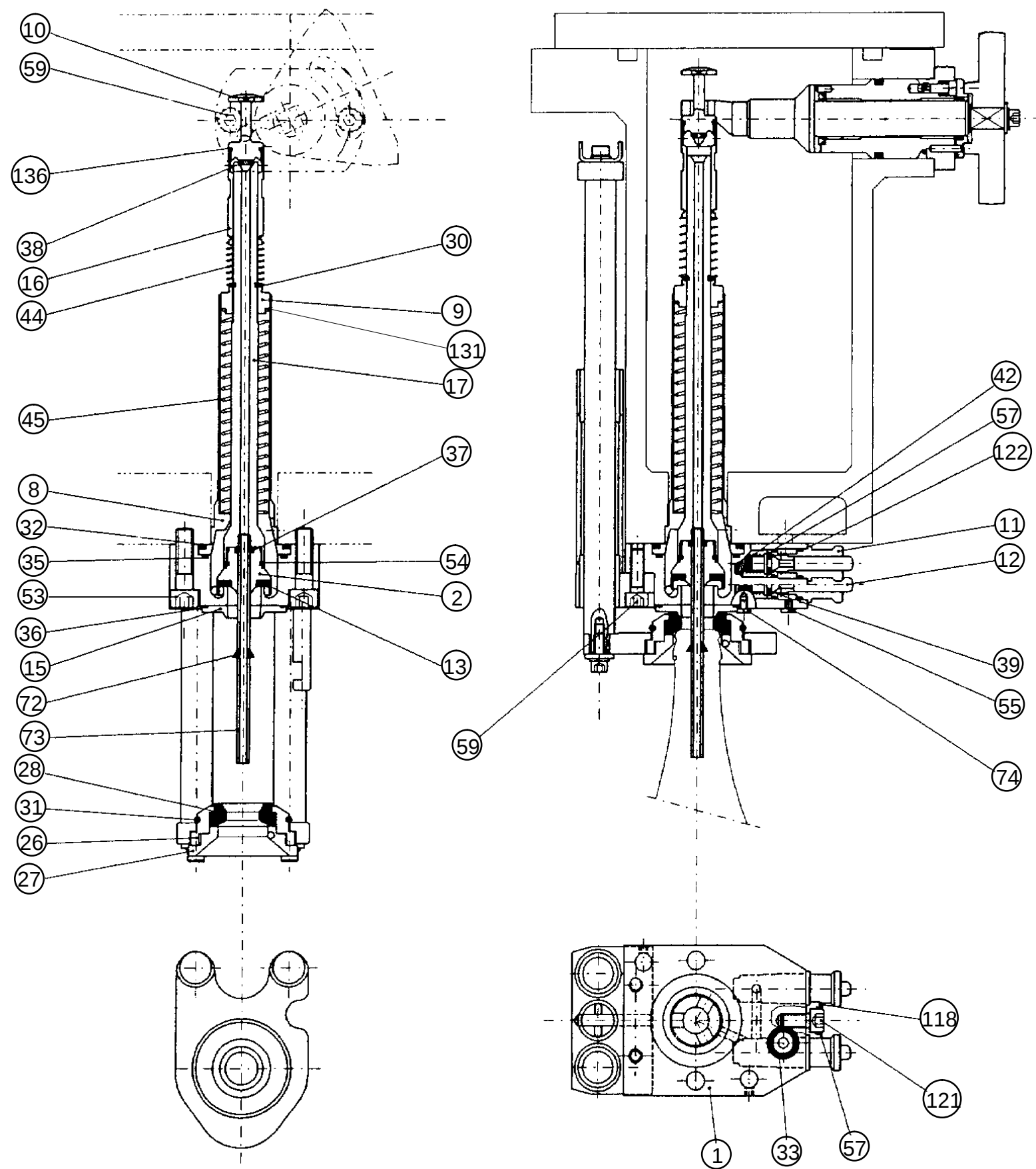


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PART LIST
XR01AB201D**DESIGNATION**
FILLING VALVE

DRAWING 206055

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	169041	SOCLE	1 N.			
11	178508	VALVE	2 N.		C	
12	177754	PUSHBUTTON	2 N.		C	
33	GAI117	O-RING	1 N.		C	
35	GAI316	O-RING	1 N.		C	
39	GEA863	GASKET	2 N.		C	
42	BWW533	SPRING	2 N.		C	
53	HMF130	SCREW	2 N.			
57	GBV014	O-RING	3 N.		C	
59	HME124	SCREW	2 N.			
118	158262	WASHER	1 N.			
121	HME112	SCREW	1 N.			
122	GBV015	O-RING	2 N.		C	



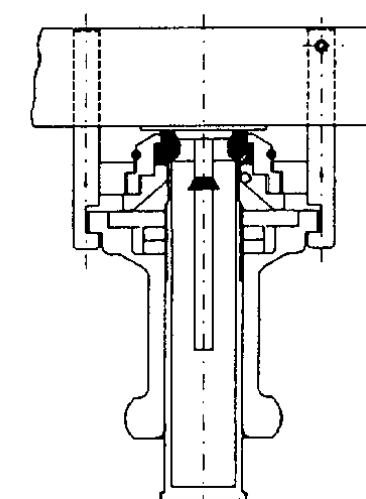
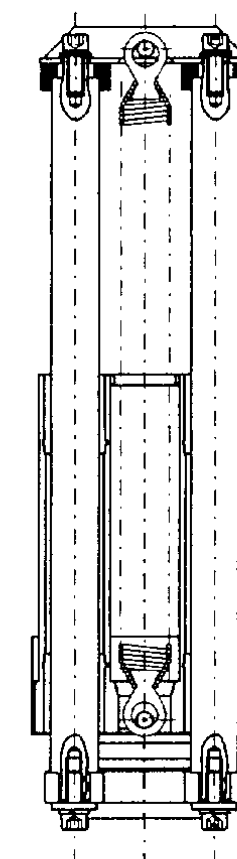
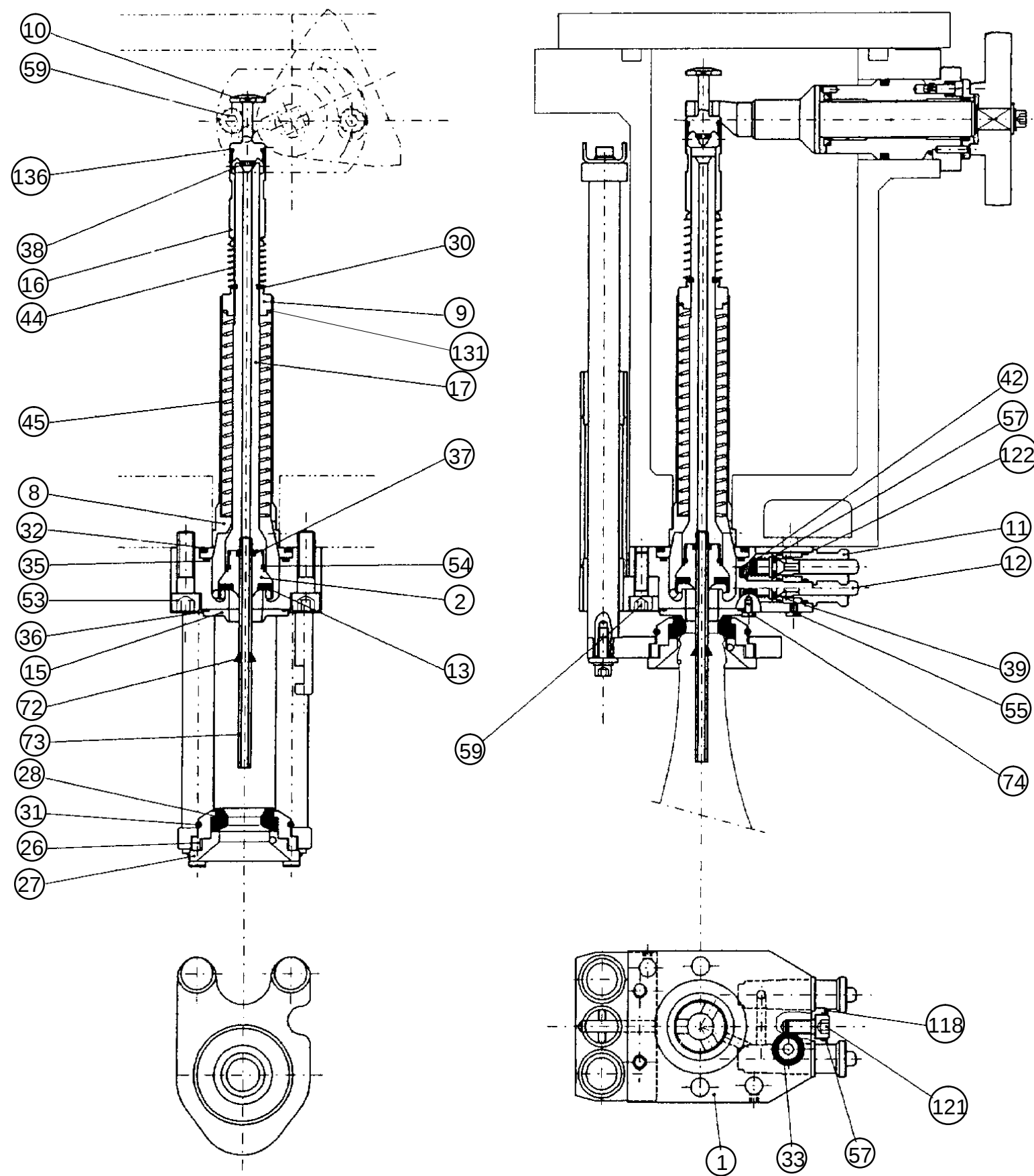


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PART LIST
XR01AB303M**DESIGNATION**
INNER GROUP

DRAWING 206055

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
2	166411	RUBBER HOLDER	1 N.			
8	144007	GUIDE	1 N.			
9	190114	CENTERING DEVICE	1 N.			
10	199713	VALVE	1 N.		C	
13	GEA884	GASKET	1 N.		C	
16	201790	GUIDE	1 N.		C	
17	144009	ROD	1 N.			
30	GAI112	O-RING	1 N.		C	
32	GAI150	O-RING	1 N.		C	
37	GBW505	O-RING	1 N.		C	
38	GEA875	GASKET	1 N.		C	
44	BWW633	SPRING	1 N.		C	
45	BWW535	SPRING	1 N.			
54	GBV017	O-RING	1 N.		C	
131	172830	SPACER	1 N.			
136	GAI114	O-RING	1 N.		C	



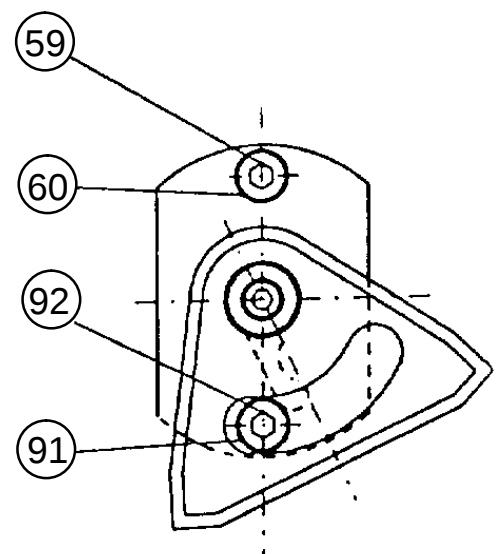
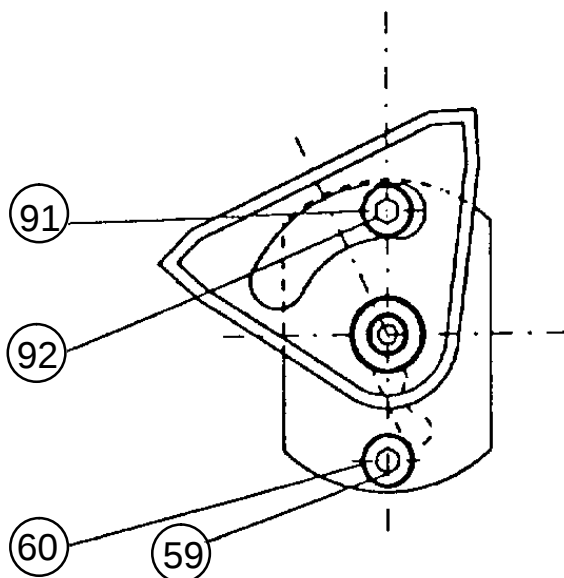
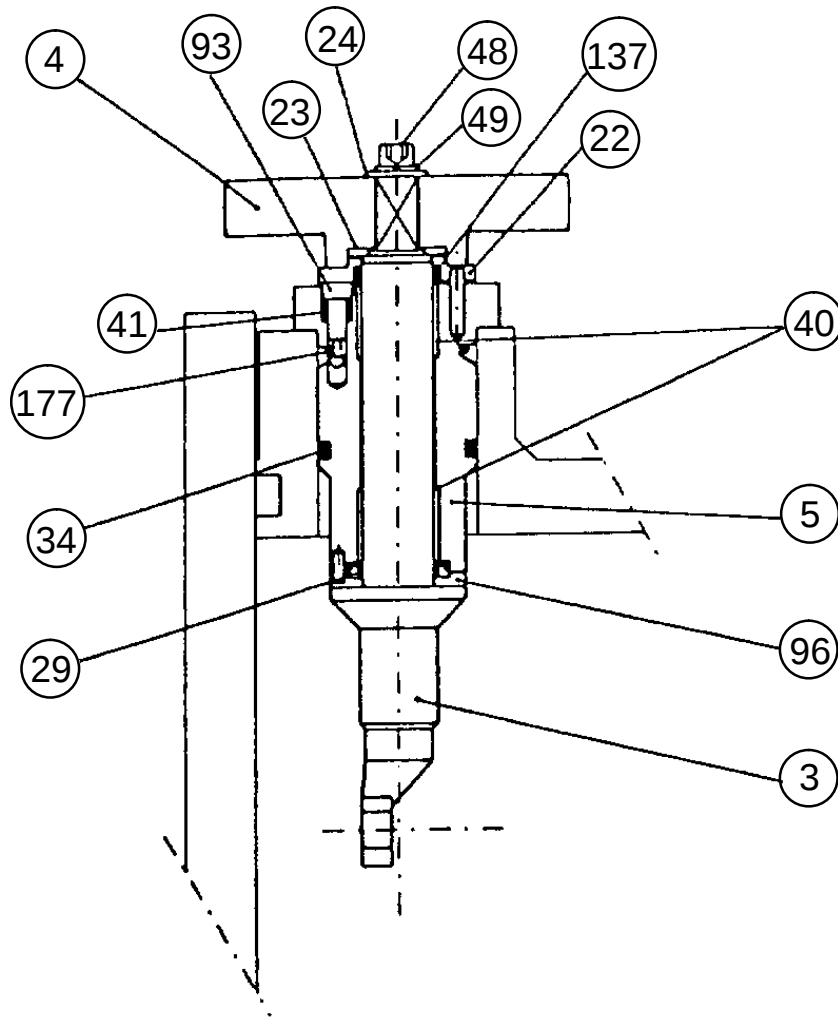


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PART LIST
XR01AB401G**DESIGNATION**
OPENINGCLOSING CONTROL

DRAWING 205988

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
3	159391	SHAFT	1 N.			
4	GZC551	STARWHEEL	1 N.		C	
5	202684	SUPPORT	1 N.			
22	178573	FLANGE	1 N.			
23	097601	SPACER	1 N.			
24	097602	WASHER	1 N.			
29	GEA918	GASKET	1 N.		C	
34	GBV222	O-RING	1 N.		C	
40	VCB355	BUSHING	2 N.			
41	BWW750	SPRING	3 N.		C	
48	HMD116	SCREW	1 N.			
49	HRU106	SPRINGWASHER	1 N.			
59	HME124	SCREW	1 N.			
60	HRU008	WASHER	1 N.			
91	113738/001	RING	1 N.			
92	HME130	SCREW	1 N.			
93	191945	SPRING PRESS	3 N.		C	
96	GZC046	WASHER	1 N.			
137	GBV460	O-RING	1 N.		C	
177	GAL137	O-RING	1 N.		C	



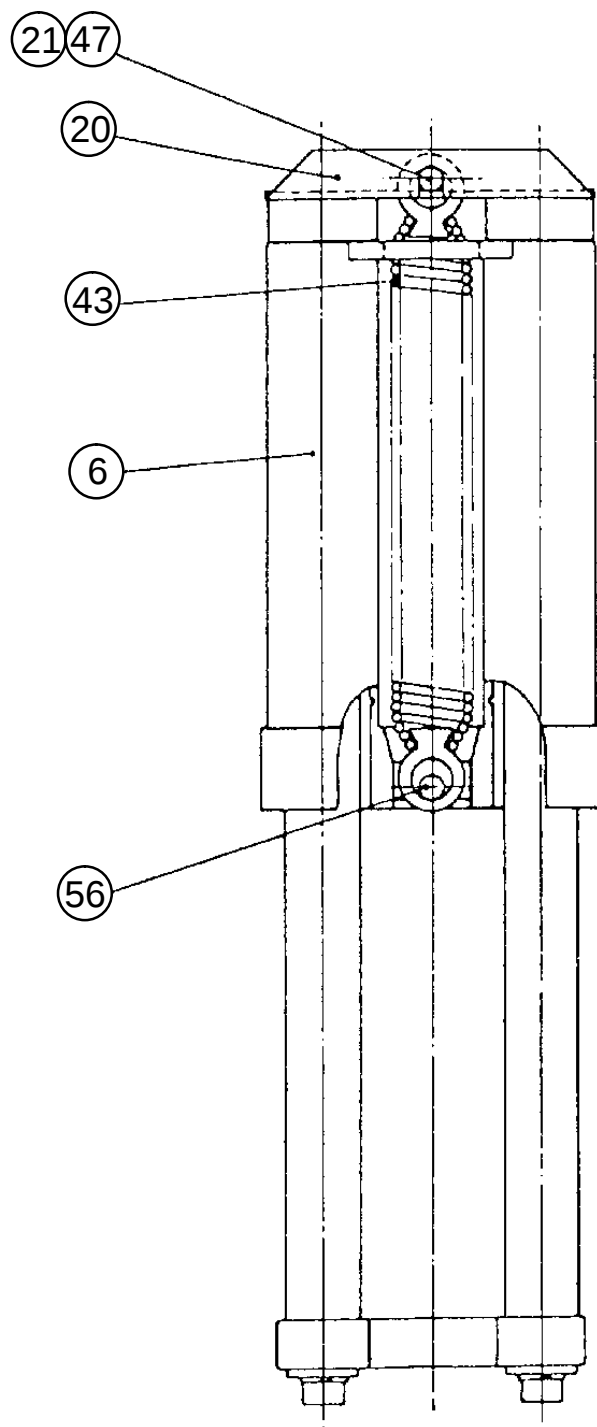
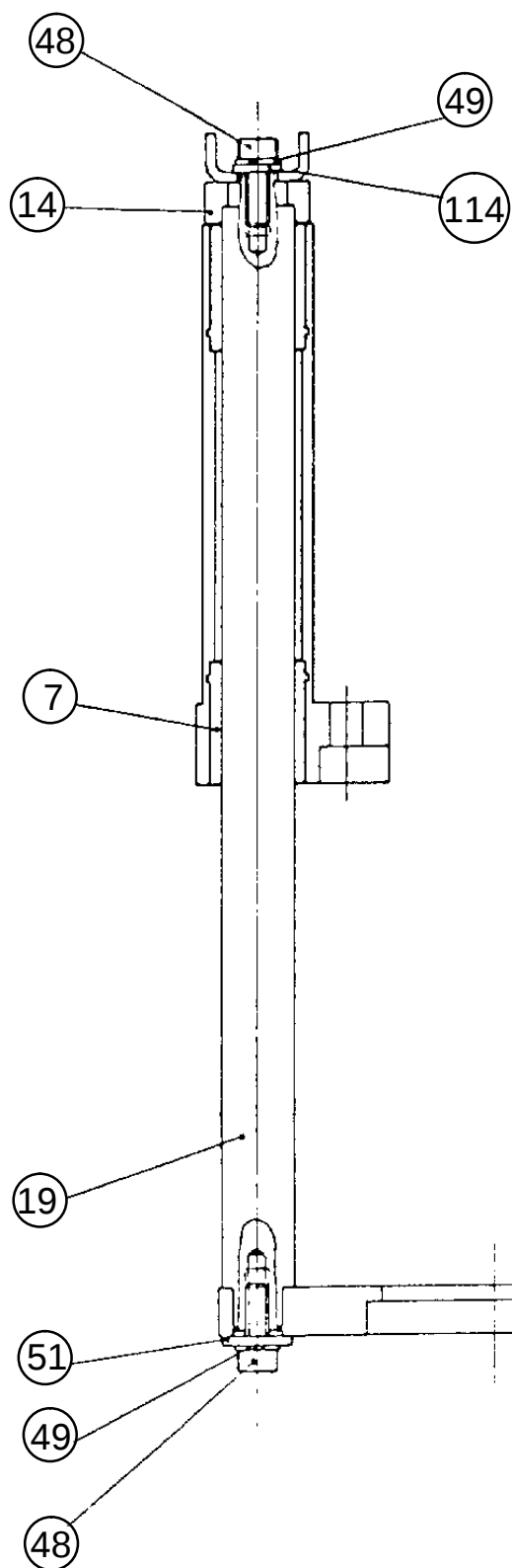


RAA415 * 463C * EUROSTAR

PART LIST
XR01AB500A**DESIGNATION**
COLUMNS GROUP

DRAWING 185226

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
6	164770	GUIDE	1 N.			
7	GZC635	BUSHING	4 N.		C	
14	GEA816	GASKET	2 N.		C	
18	107567	CENTERING CUP HOLDER	1 N.			
19	158232/002	STUD	2 N.			
20	171962	BRACKET	1 N.			
21	198213	PIN	1 N.			
43	BWW612	SPRING	1 N.		C	
47	HTA212	COTTER PIN	1 N.			
48	HMD116	SCREW	4 N.			
49	HRU106	SPRINGWASHER	4 N.			
51	107862	WASHER	2 N.			
56	121338	SPRING STRETCHER	1 N.			
114	HRU006	WASHER	2 N.			





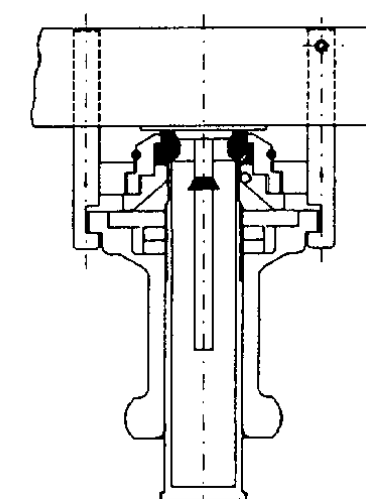
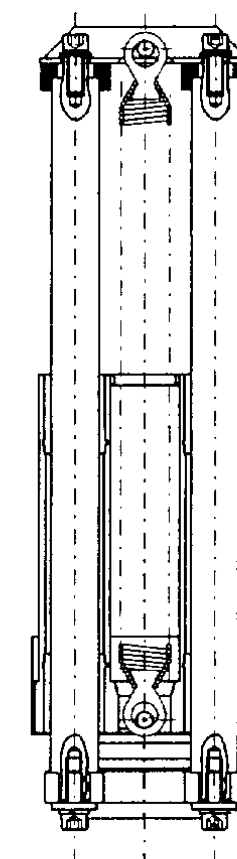
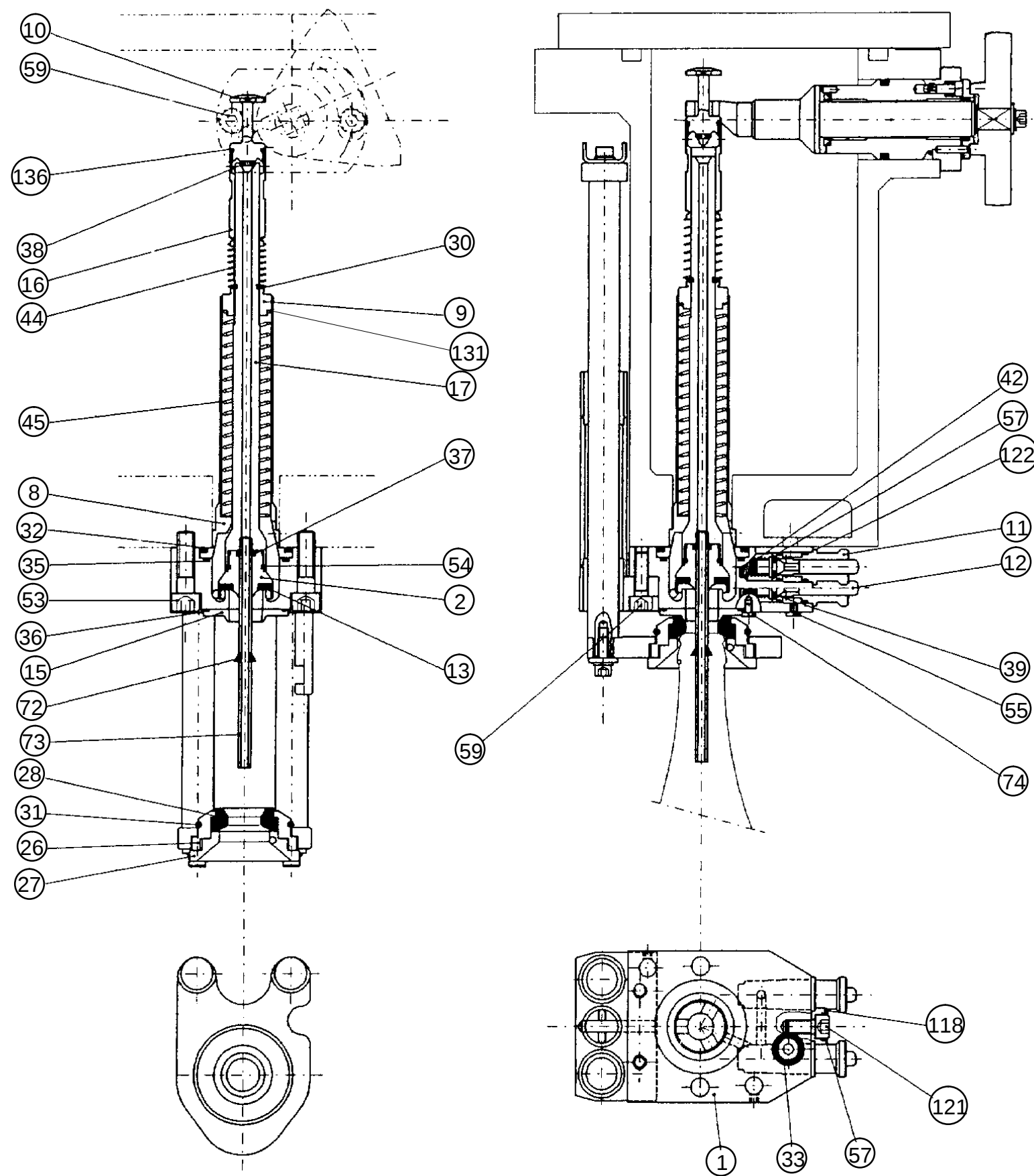
RAA415 * 463C * EUROSTAR

PART LIST
XR01AB600A

DESIGNATION
DECOMPRESSION NOZZLE

DRAWING 206055

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
55	GZC673	NOZZLE	1 N.			





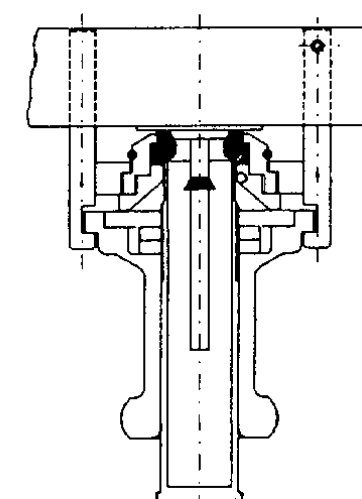
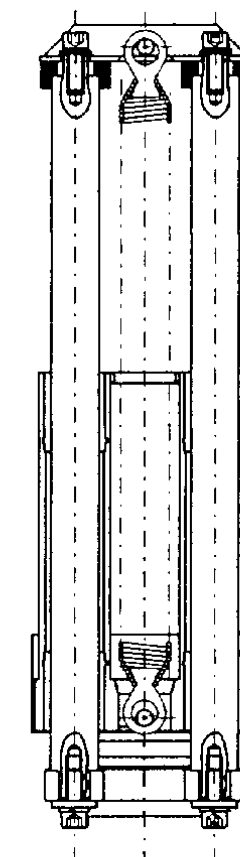
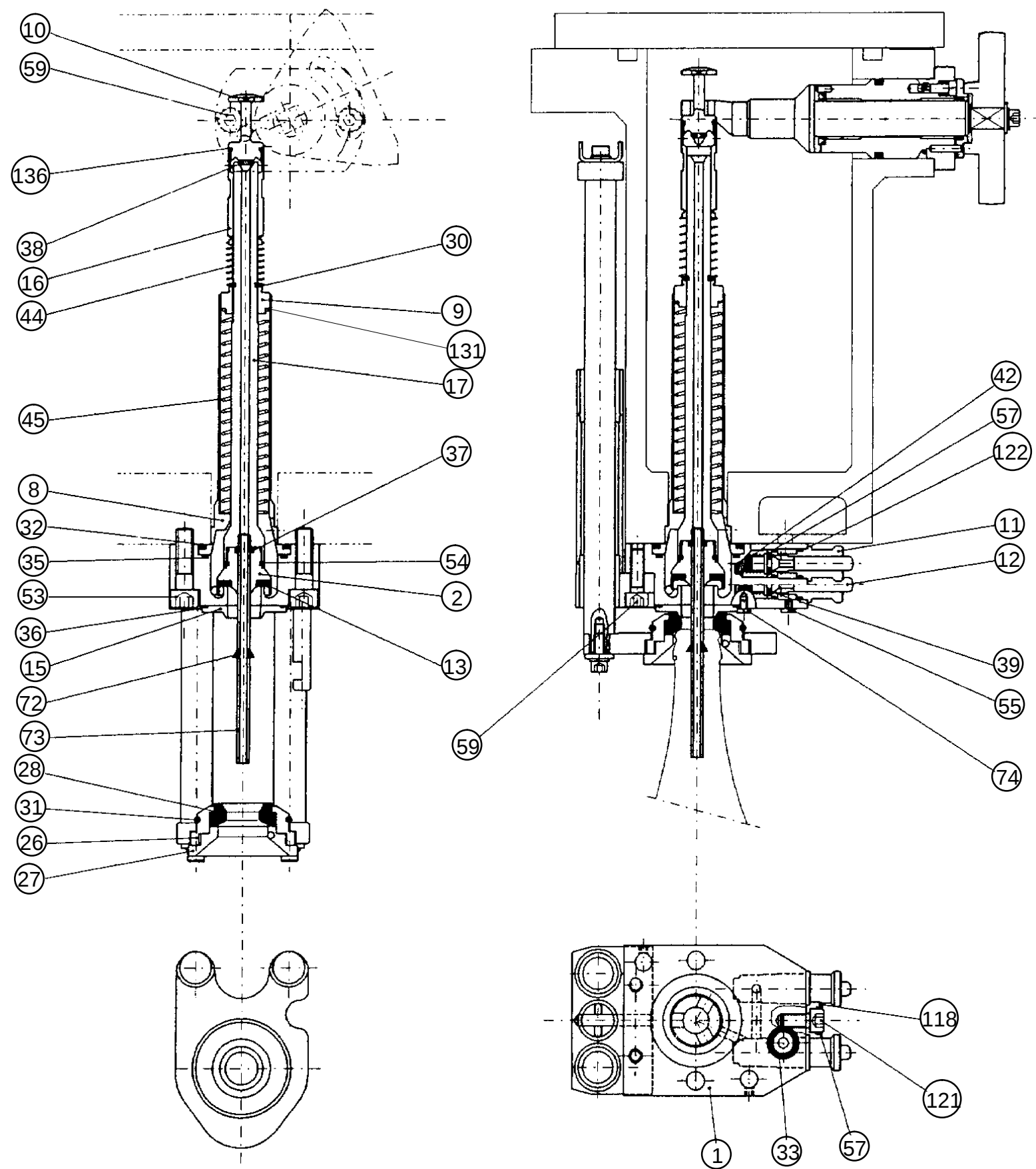
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PART LIST
XR01AB600B

DESIGNATION
DECOMPRESSION NOZZLE

DRAWING 206055

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
55	GZC674	NOZZLE	1 N.		C	





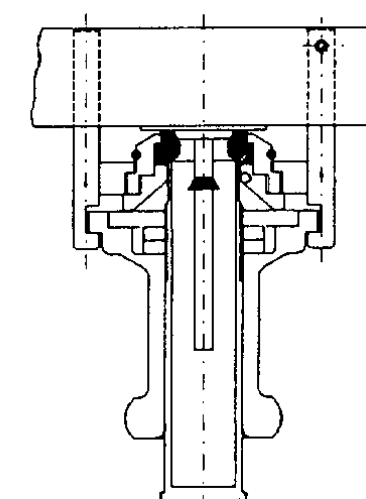
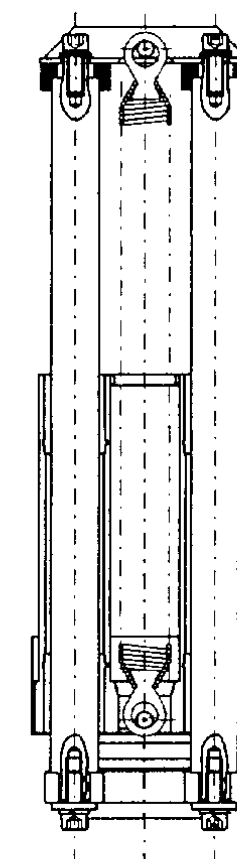
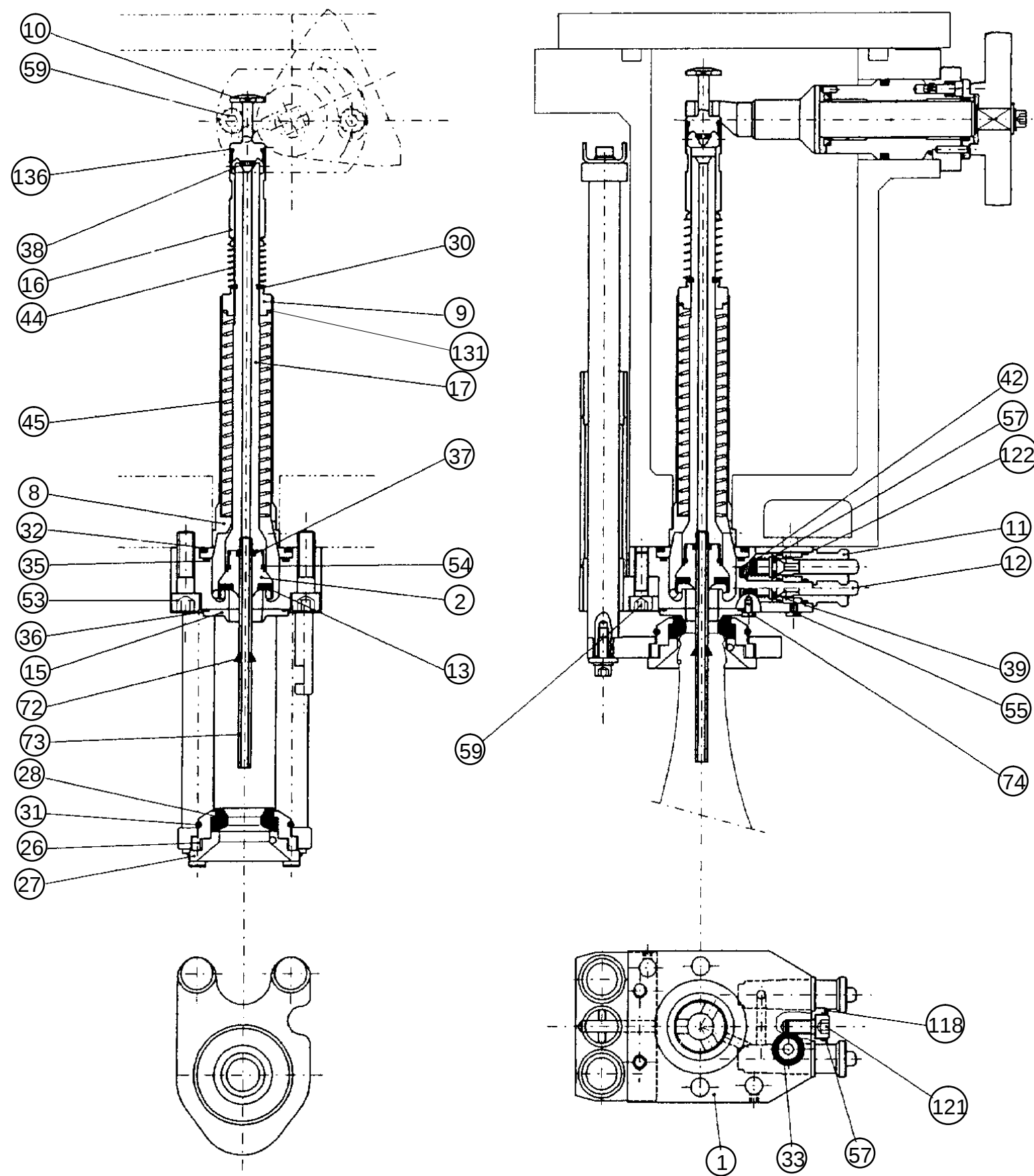
RAA415 * 463C * EUROSTAR

PART LIST
XR01AB600L

DESIGNATION
DECOMPRESSION NOZZLE

DRAWING 206055

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
55	115719/009	NOZZLE	1 N.			

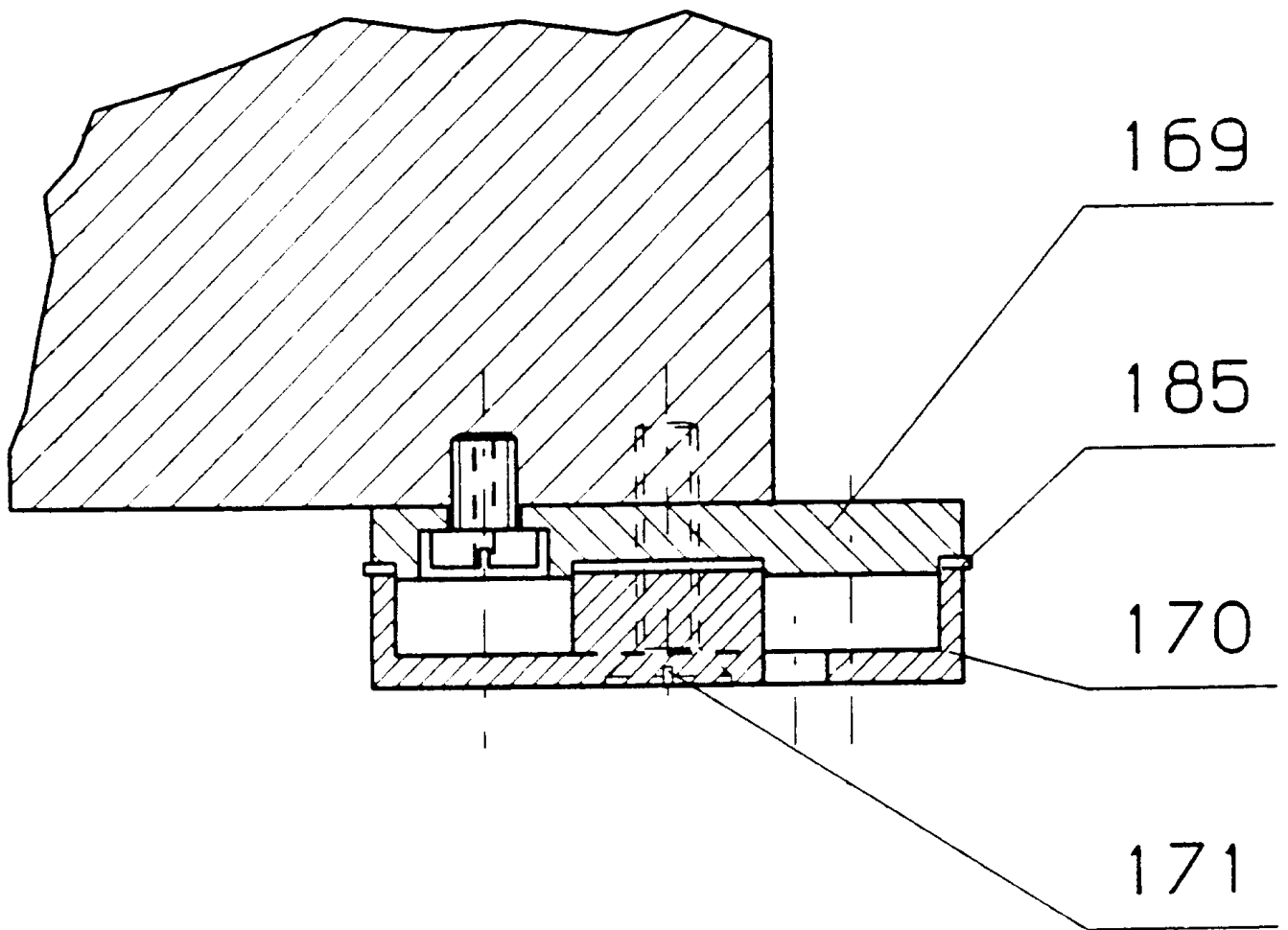




RAA415 * 463C * EUROSTAR

PART LIST
XR01AB600N**DESIGNATION**
DECOMPRESSION FLOW DAMPER*DRAWING 200839*

<i>POS.</i>	<i>ITEM</i>	<i>DESIGNATION</i>	<i>Q.TY</i>	<i>S</i>	<i>R</i>	<i>K</i>
169	200840	COVER	1 N.			
170	190014	DAMPER	1 N.			
171	HNB014	SCREW	1 N.			
185	194426	GASKET	1 N.		C	

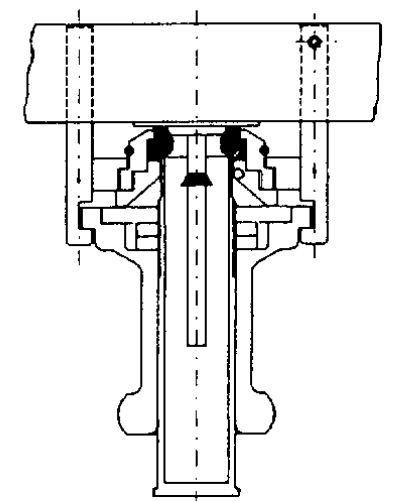
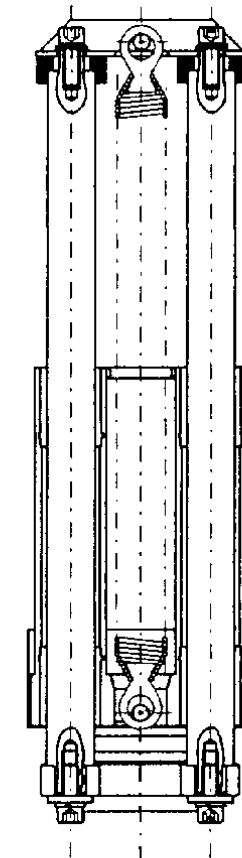
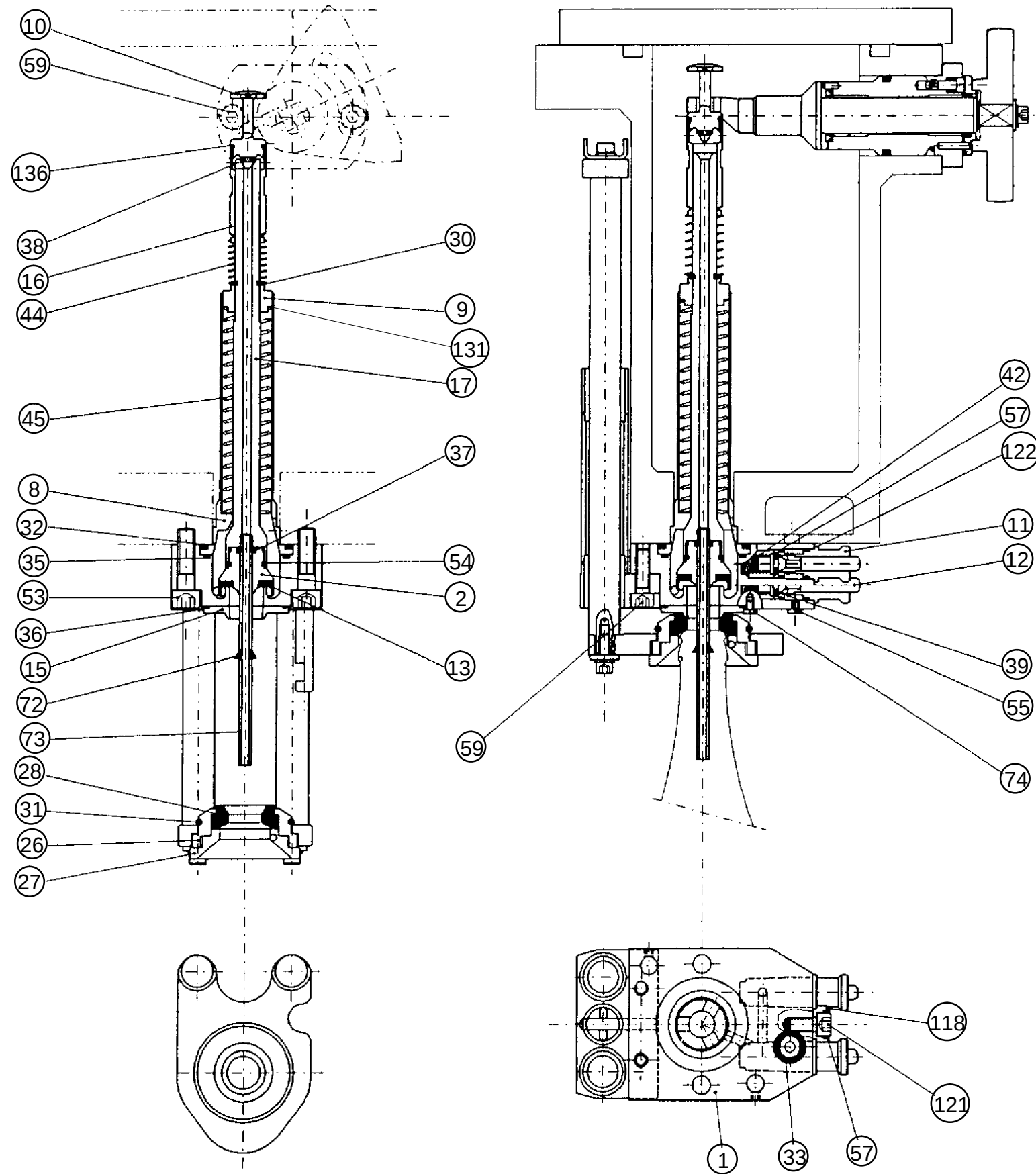




RAA415 * 463C * EUROSTAR

PART LIST
XR01AB651G**DESIGNATION**
CENTERING CUP*DRAWING 206055*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
26	GZC619	RUBBER HOLDER	1 N.		C	
27	GZC788	CENTERING CUP	1 N.		C	
28	GEA588	GASKET	1 N.		C	
31	GAI149	O-RING	1 N.		C	

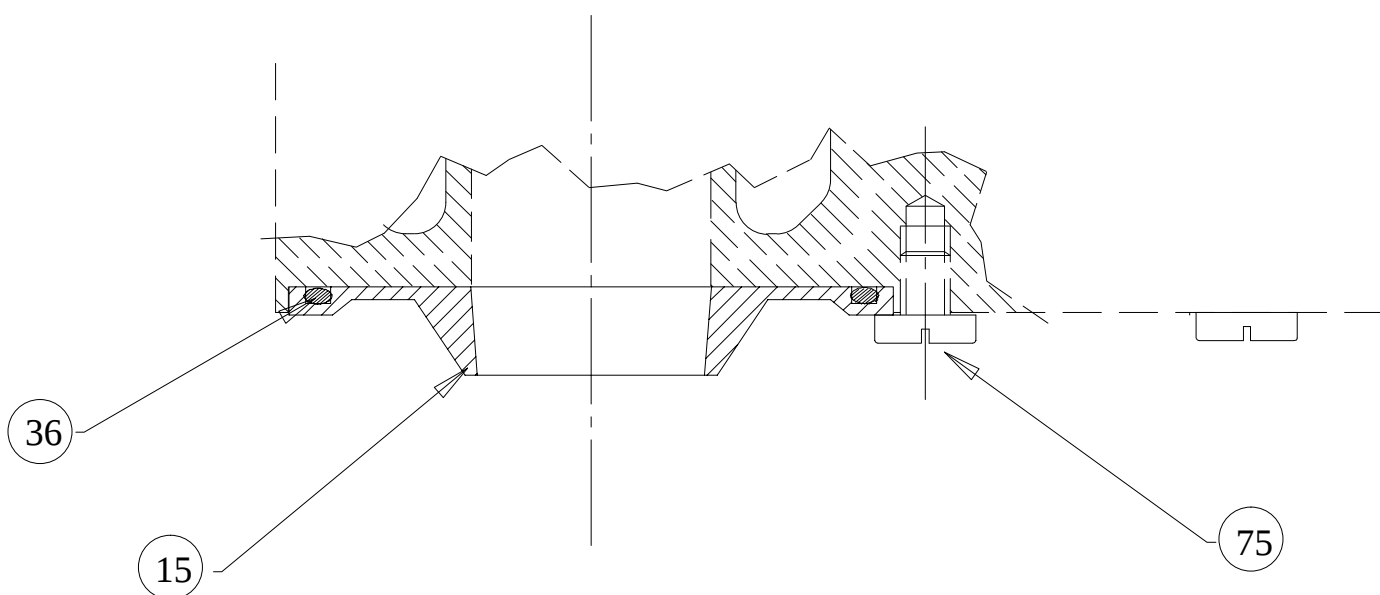




RAA415 * 463C * EUROSTAR

PART LIST
XR01AB700A**DESIGNATION**
LIQUID FLOW CONE**DRAWING 311783**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
15	113395	CONE	1 N.			
36	GBV030	O-RING	1 N.		C	
74	HPB005	SCREW	3 N.			

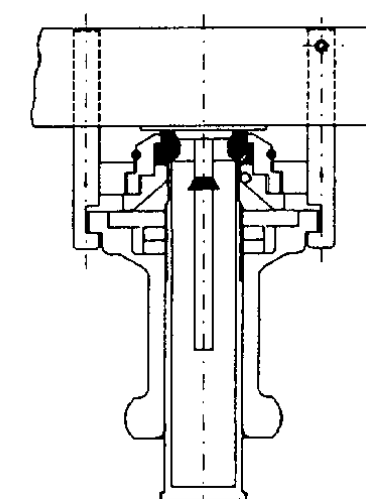
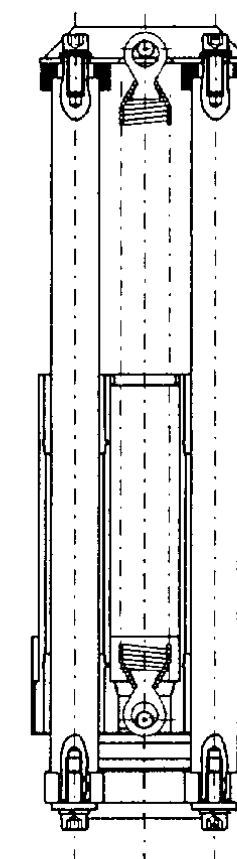
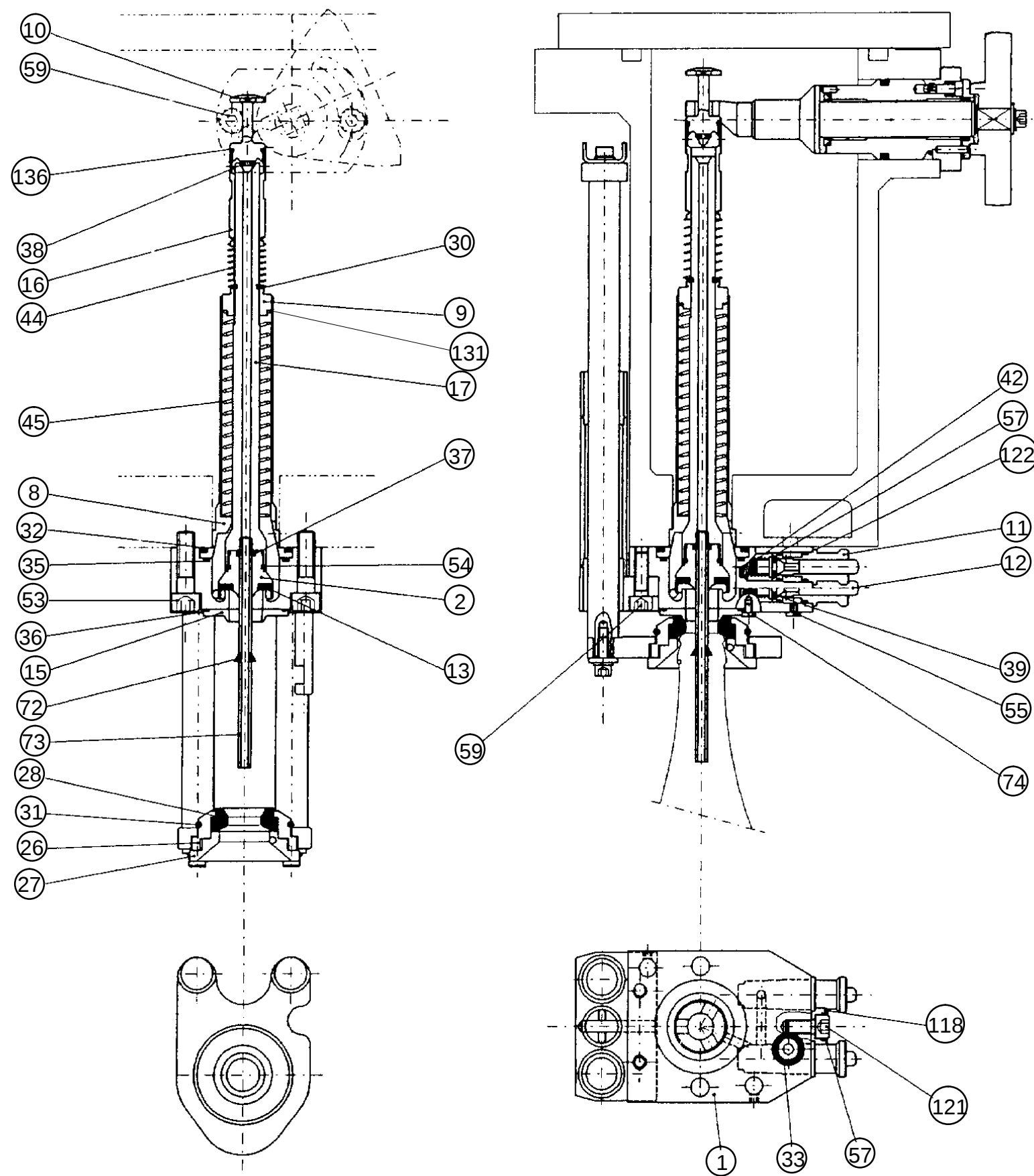




RAA415 * 463C * EUROSTAR

PART LIST
XR01AB850A**DESIGNATION**
DUMMY BOTTLE*DRAWING 206055*

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
78	107854	HOOK	2 N.			
79	HQC008	SET SCREW	2 N.			
80	107865	DUMMY BOTTLE	1 N.			
81	HRP730	NUT	2 N.			
82	GZC547	HANDLE	1 N.		C	





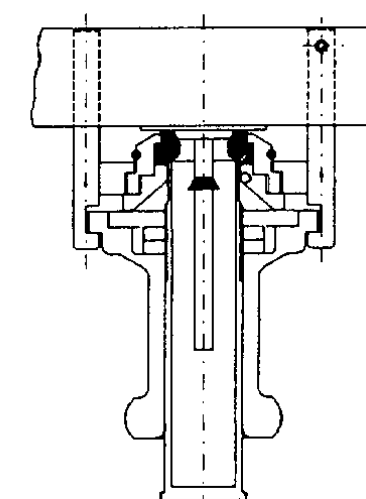
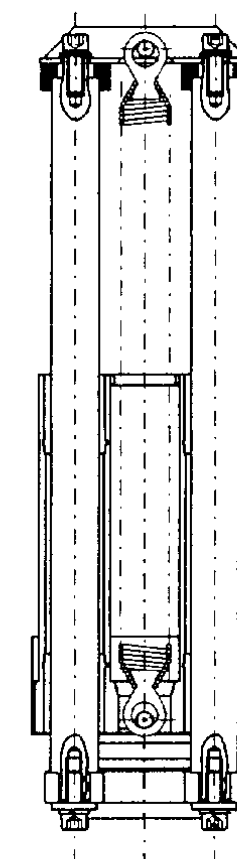
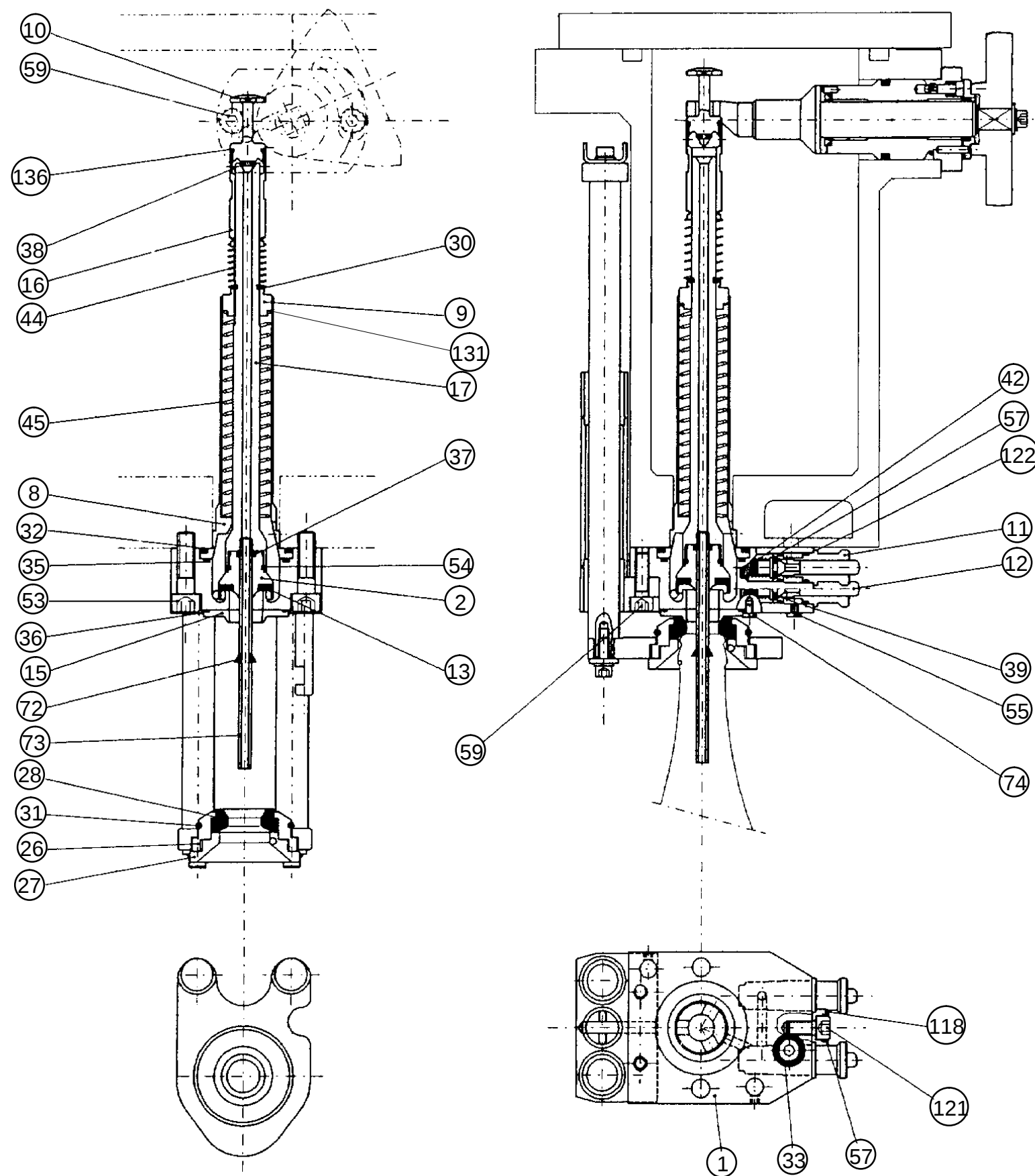
RAA415 * 463C * EUROSTAR

PART LIST
XR01AB773E

DESIGNATION
VENT TUBE

DRAWING 206055

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
72	GEA966	SPREADER	1 N.		C	
73	160302/003	VENT TUBE	1 N.		C	





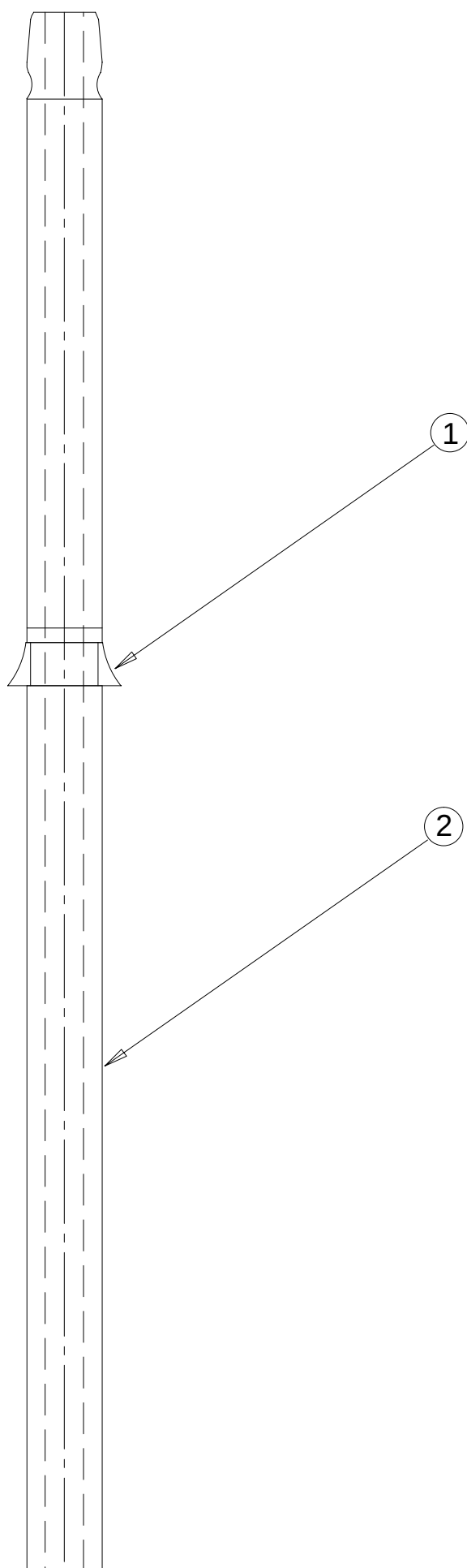
RAA415 * 463C * EUROSTAR

PART LIST
XR05AB759F

DESIGNATION
VENT TUBE

DRAWING 278569

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	GEA964	SPREADER	1 N.		C	
2	160302/028	PIPE	1 N.			





*RAA415 * 463C * EUROSTAR*

PART LIST
XR10AB016G

DESIGNATION
DIAGRAM

DRAWING 219247

BOTTIGLIE-BOTTLES

DENOMINAZIONE-DESCRIPTION	-	-										
DIS.CLIENTE-CUSTOMER DRW.	-	-										
DIS.SIG - DRAWING NO.	4954	7459										
CAPACITA' - CAPACITY	2000 cc	250 cc										
LIVELLO - FILLING LEVEL	-	-										
MATER.BOTT. - MATERIAL	PET	VETRO										
IMBOCCATURA - BOTTLE NECK	VITE	CORONA										
DIAMETRO EST.-DIAMETER OUTSIDE	27.2	27.2										
GOMMA IMBOCCAT.-SEAL RING	GEA588	GEA588										
CAMPANELLA - CENTERING CUP	GZC788	GZC788										
DIAMETRO FORO-HOLE DIAMETER	ø 28,5 mm	ø 28,5 mm										
BECCUCCIO - VENT TUBE	ø 6 mm	ø 4 mm										
DISEGNO - PART NO.	160302/003	160302/028										
POS.DEFL. - SPREADER POS.	85 mm	70 mm										
DEFLETTORE - SPREADER	GEA551	GEA964										
DIAMETRO EST.-DIAMETER OUTSIDE	ø 16 mm	ø 12 mm										
CONO PASSAGGIO LIQUIDO - CONE	113395	113395										
DIAMETRO FORO - HOLE DIAMETER	ø 18 mm	ø 18 mm										
PRODUZIONE ORARIA	20 °C	9000 bph	-									
PRODUCTION RATE	- °C	-	-									

NOTE RIASSUNTIVE-NOTES

QUANTITA'
QUANTITY

NOTE GENERALI - NOTES

CAMPANELLA CENTERING CUP	GZC788	2
GOMMA IMBOCCATURA SEAL RING	GEA588	2
BOTT. 4954 - 160302/003		1
BOTT. 7459 - 160302/028		1
BECCUCCIO VENT TUBE		
DEFLETTORE SPREADER	GEA551	1
	GEA964	1

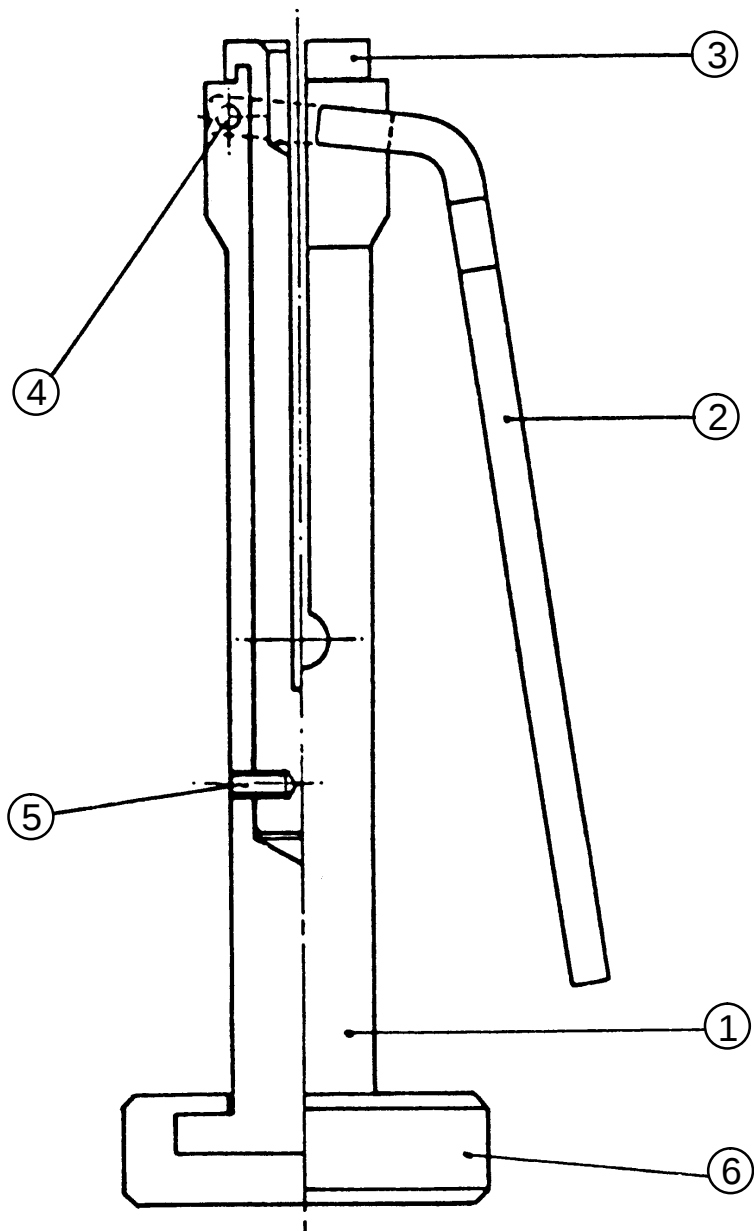
CLIENTE:463C M9096 MATRICOLA:RAA415 MACCHINA:EUROSTAR 64-12K(12T) BL
COCA COLA SARAJEVO



RAA415 * 463C * EUROSTAR

PART LIST
XR82AB005B**DESIGNATION**
VENT TUBE EXTRACTOR**DRAWING 183895**

POS.	ITEM	DESIGNATION	Q.TY	S	R	K
1	183896	BODY	1 N.			
2	183920	LEVER	1 N.			
3	183897/002	BUSHING	1 N.			
4	162222	PEG	1 N.			
5	HQB010	SET SCREW	1 N.			
6	GEA534	SHOCK ABSORBER	1 N.			



<i>PART LIST</i>	<i>DESIGNATION</i>	<i>POS.</i>
XR01AA579L	DRIVE BASE	0101-1
XR01AA070A	FOOT	0101-3
XR29AA013B	SAFETY ENCLOSURE	0101-5
XR01AA581M	PROTECTIONS	0106-1
XR01AA577C	VERTICAL ROD	0106-3
XR01AA577D	VERTICAL ROD	0106-5
XR01AA099A	CASING LIMITSWITCH	0106-7
XR06AY001A	TRUNKING	0106-9
XR01UP009Y	PROTECTIONS	0107-1
XR02BC501B	SPEED REDUCERS	0201-1
XR02AA131A	CARDANIC SHAFT	0202-1
XR02AA111A	SIDE REDUCER MOTORIZATION	0203-1
XR02UP039C	SENSORS	0204-1
XR02AA678R	MACHINE MOTORIZATION	0210-1
XR02AA120B	DRIVE TRANSMISSION	0210-4
XR02AA122A	DISK BRAKE	0211-1
XR04UP009Q	WORMSCREW CONTROL	0401-1
XR04UP009S	WORMSCREW CONTROL	0401-3
XR04AA057A	WORMSCREW COUNTERGUIDE	0402-1
XR04UP009Q	WORMSCREW CONTROL	0403-1
XR04UP009S	WORMSCREW CONTROL	0403-3
XR04UP009R	PULLEY	0404-1
XR04AA051C	BOTTLE STOP STARWHEEL	0406-1
XR05AA092B	STARWHEEL CONTROL	0502-1
XR05AA091A	STARWHEEL CONTROL PREM.	0502-3
XR05AA092C	PD.875 STARWHEEL CONTROL	0503-1
XR05AA091B	STARWHEEL CONTROL PREM.	0503-3
XR05AA092A	PD.525 STARWHEEL CONTROL	0504-1
XR05AA091A	STARWHEEL CONTROL PREM.	0504-3
XR05AA095A	IDLE GEAR	0505-1
XR06AA068A	CAPPER FRAME	0602-1
XR12AA054A	CONTROL CABINET	1202-1
XR12AA578D	PANEL PNEUMATIC UNIT	1203-1
XR12BC505G	PANEL	1204-1

<i>PART LIST</i>	<i>DESIGNATION</i>	<i>POS.</i>
XR12AA569T	SYNOPTIC	1207-1
XR12AA062A	PUSHBUTTON PANEL	1209-1
XR12AA534B	ROLLER	1209-3
XR13UP009T	RIDE TRACK	1301-1
XR13AA121D	OUTLET CONVEYOR	1302-1
XR13AA567S	RIDE TRACK	1302-3
XR15AA659P	CASING COLUMNS	1502-1
XR15AA657N	CASING	1503-1
XR29AA009B	SAFETY ENCLOSURE	1503-4
XR16AA036A	BOTTLE LIFT	1601-1
XR16AA519H	BOTTLE LIFT	1603-1
XR17AA024C	FILLER CONTROL	1701-1
XR18AA007B	RING BOWL LIFTING	1801-1
XR18AA004A	LIFTING REDUCER	1801-3
XR19AA542C	RING BOWL	1901-1
XR19AA088A	SAFETY VALVE	1901-3
XR20AA576Q	BOWL FEEDING	2001-1
XR20AA079C	PRODUCT INLET	2002-1
XR21AA124A	OPENING CONTROL	2102-1
XR21AA634B	SOLENOID VALVE MOUNTING	2102-3
XR21AA127A	MIDDLING POSITION CONTROL	2104-1
XR21AA637P	DECOMPRESSION CONTROL	2105-1
XR21AA126C	CLOSING CONTROL	2106-1
XR21AA125A	CLOSING CONTROL PRE-MOUN.	2106-3
XR24AA021A	SLIDING BLOCK COOLING	2106-5
XR21AA128C	SANITATION CONTROL	2107-1
XR21AA130A	DECOMPRESSION PREMOUNTING	2107-3
XR21AA137A	CENTERING CUP SAFETY	2108-1
XR21AA637L	DECOMPRESS.SLIDING BLOCK	2109-1
XR21AA631H	FLUSHING CONTROL	2110-1
XR21AA102B	SUPPORT	2110-2
XR21AA146A	FILL.VALVE OPENING PHOT.	2199-1
XR22BC504A	CO2 UNIT	2201-1
XR14AF021A	FILTER	2201-5

<i>PART LIST</i>	<i>DESIGNATION</i>	<i>POS.</i>
XR23AA029A	BOTTLE LIFT LUBRICATION	2303-1
XR23AA557E	PNEUMATIC UNIT	2304-1
XR23AA026A	PANEL PNEUMATIC UNIT	2305-1
XR23AA026F	BOTTLE STOP PNEUM.UNIT	2306-1
XR23AA026C	WASHING PNEUMATIC UNIT	2309-1
XR23AA539A	BRAKE-PNEUM.UNIT	2314-1
XR23AA006A	RING BOWL LIFTING	2315-1
XR23AA035A	DIAGRAM	2399-1
XR24AA015A	CENTERING CUP WASHING	2401-1
XR24AA005B	WASHING VALVE	2402-1
XR24AA010B	BOTTLE NECK WASHING	2404-1
XR26AA014C	BOTTLE LIFT LUBRICATION	2601-1
XR27AA050A	BOTTLE LIFT LUBRICATION	2601-3
XR26AA530N	CENTRALIZED LUBRICATION	2602-1
XR27AA027A	BOTTLE LIFT LUBRICATION	2702-1
XR27AA059B	CENTER.CUP SAFETY SENSOR	2708-1
XR27AA529R	OTHER	2715-1
XR27AA546G	VARIABLE PARTS	2716-1
XR29AA018A	TABLE SENSOR	2902-1
XT17DO001A	BACK-UP SENSOR SUPPORT	2903-1
XR29AA021A	CROWN HOPPER PHOTOCCELL	2905-1
X000DRAA415	HANDLING PARTS	6300-1
XR01PP036N	WORMSCREW	6301-1
XR02PP028Y	INLET WORMSC.COUNTERGUIDE	6302-1
XR05PP029Y	BOTTLE STOP STARWHEEL	6305-1
XR06PP020G	STARWHEEL	6306-1
XR09PP023C	STARWHEEL	6309-1
XR12PP023W	GUIDE	6312-1
XR13PP005T	GUIDE	6313-1
XR20PP006H	GUIDE	6320-1
XR22PP013X	STARWHEEL	6322-1
XR23PP012O	GUIDES	6323-1
XR24PP008D	GUIDES	6324-1
XR25PP006W	GUIDES	6325-1

<i>PART LIST</i>	<i>DESIGNATION</i>	<i>POS.</i>
XR26PP037Y	INTERNAL OUTLET GUIDE	6326-1
XR27PP024K	INTERNAL OUTLET GUIDE	6327-1
XR29PP019V	GUIDE	6329-1
XR38PP026A	STARWHEEL	6338-1
XR45PP003L	WORMSCREW	6345-1
X000ERAA415	HANDLING PARTS	6400-1
XR01PP036O	WORMSCREW	6401-1
XR05PP029Z	BOTTLE STOP STARWHEEL	6405-1
XR06PP020H	STARWHEEL	6406-1
XR09PP023D	STARWHEEL	6409-1
XR09PP023D	STARWHEEL	6410-1
XR12PP023Y	GUIDE	6412-1
XR12PP023X	GUIDE	6413-1
XR20PP006J	GUIDE	6420-1
XR22PP013Y	STARWHEEL	6422-1
XR23PP012Q	GUIDES	6423-1
XR24PP008E	GUIDES	6424-1
XR25PP006X	GUIDES	6425-1
XR26PP038A	INTERNAL OUTLET GUIDE	6426-1
XR27PP024L	EXTERNAL OUTLET GUIDE	6427-1
XR29PP019X	GUIDE	6429-1
XR38PP026B	STARWHEEL	6438-1
XR45PP003M	WORMSCREW	6445-1
X000FRAA415	HANDLING PARTS	6500-1
XR01PP036P	WORMSCREW	6501-1
XR05PP030A	BOTTLE STOP STARWHEEL	6505-1
XR06PP020I	STARWHEEL	6506-1
XR09PP023E	STARWHEEL	6509-1
XR09PP023E	STARWHEEL	6510-1
XR12PP023Z	GUIDE	6512-1
XR13PP005U	GUIDE	6513-1
XR20PP006K	GUIDE	6520-1
XR22PP013Z	STARWHEEL	6522-1
XR23PP012R	GUIDES	6523-1

<i>PART LIST</i>	<i>DESIGNATION</i>	<i>POS.</i>
XR24PP008F	GUIDES	6524-1
XR25PP006Y	GUIDES	6525-1
XR26PP038B	INTERNAL OUTLET GUIDE	6526-1
XR27PP024M	EXTERNAL OUTLET GUIDE	6527-1
XR29PP019Y	GUIDE	6529-1
XR38PP026C	STARWHEEL	6538-1
XR45PP003N	WORMSCREW	6545-1
X000GRAA415	HANDLING PARTS	6600-1
XR01PP036Q	WORMSCREW	6601-1
XR02PP028Z	INLET WORMSC.COUNTERGUIDE	6602-1
XR05PP030B	BOTTLE STOP STARWHEEL	6605-1
XR06PP020J	STARWHEEL	6606-1
XR09PP023F	STARWHEEL	6609-1
XR09PP023F	STARWHEEL	6610-1
XR12PP024B	GUIDE	6612-1
XR12PP024A	GUIDE	6613-1
XR20PP006L	GUIDE	6620-1
XR22PP014A	STARWHEEL	6622-1
XR23PP012S	GUIDES	6623-1
XR24PP008G	GUIDES	6624-1
XR25PP006Z	GUIDES	6625-1
XR26PP038C	INTERNAL OUTLET GUIDE	6626-1
XR27PP024N	EXTERNAL OUTLET GUIDE	6627-1
XR29PP019Z	GUIDE	6629-1
XR38PP026D	STARWHEEL	6638-1
XR45PP003O	WORMSCREW	6645-1
X000HRAA415	HANDLING PARTS	6700-1
XR20PP006O	GUIDE	6720-1
XR22PP014D	STARWHEEL	6722-1
XR23PP012V	GUIDES	6723-1
XR24PP008J	GUIDES	6724-1
XR29PP020C	GUIDE	6729-1
X000LRAA415	HANDLING PARTS	6800-1
XR01PP036R	WORMSCREW	6801-1

<i>PART LIST</i>	<i>DESIGNATION</i>	<i>POS.</i>
XR02PP029A	INLET WORMSC.COUNTERGUIDE	6802-1
XR05PP030C	BOTTLE STOP STARWHEEL	6805-1
XR06PP020K	STARWHEEL	6806-1
XR09PP023G	STARWHEEL	6809-1
XR09PP023G	STARWHEEL	6810-1
XR12PP024C	GUIDE	6812-1
XR13PP005V	GUIDE	6813-1
XR20PP006N	GUIDE	6820-1
XR22PP014C	STARWHEEL	6822-1
XR23PP012U	GUIDES	6823-1
XR24PP008I	GUIDES	6824-1
XR25PP007A	GUIDES	6825-1
XR26PP038D	INTERNAL OUTLET GUIDE	6826-1
XR27PP024O	EXTERNAL OUTLET GUIDE	6827-1
XR29PP020B	GUIDE	6829-1
XR38PP026E	STARWHEEL	6838-1
X000MRAA415	HANDLING PARTS	6900-1
XR06PP020L	STARWHEEL	6906-1
XR13PP005W	GUIDE	6913-1
XR20PP006P	GUIDE	6920-1
XR22PP014E	STARWHEEL	6922-1
XR23PP012W	GUIDES	6923-1
XR24PP008K	GUIDES	6924-1
XR25PP007B	GUIDES	6925-1
XR26PP038E	INTERNAL OUTLET GUIDE	6926-1
XR27PP024P	EXTERNAL OUTLET GUIDE	6927-1
XR29PP020D	GUIDE	6929-1
XR38PP026F	STARWHEEL	6938-1
X000NRAA415	HANDLING PARTS	7000-1
XR06PP020M	STARWHEEL	7106-1
XR09PP023H	STARWHEEL	7109-1
XR09PP023H	STARWHEEL	7110-1
XR13PP005X	GUIDE	7113-1
XR20PP006Q	GUIDE	7120-1

<i>PART LIST</i>	<i>DESIGNATION</i>	<i>POS.</i>
XR22PP014F	STARWHEEL	7122-1
XR23PP012X	GUIDES	7123-1
XR24PP008L	GUIDES	7124-1
XR25PP007C	GUIDES	7125-1
XR26PP038F	INTERNAL OUTLET GUIDE	7126-1
XR27PP024Q	EXTERNAL OUTLET GUIDE	7127-1
XR29PP020E	GUIDE	7129-1
XR38PP026G	STARWHEEL	7138-1
X000QRAA415	HANDLING PARTS	7100-1
XR01PP036S	WORMSCREW	0001-1
XR02PP029B	INLET WORMSC.COUNTERGUIDE	0002-1
XR03PP007E	WORMSCREW	0003-1
XR04PP003Y	TRANSF.WORMS.COUNTERGUIDE	0004-1
XR05PP030D	BOTTLE STOP STARWHEEL	0005-1
XR06PP020N	STARWHEEL	0006-1
XR09PP023I	STARWHEEL	0009-1
XR09PP023I	STARWHEEL	0010-1
XR12PP024D	GUIDE	0012-1
XR13PP005Y	GUIDE	0013-1
XR14PP021F	GUIDE	0014-1
XR16PP041K	STARWHEEL	0016-1
XR18PP034J	CROWNER EXTERNAL GUIDE	0018-1
XR19PP021L	CROWNER OUTLET GUIDE	0019-1
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XR27PP024R	EXTERNAL OUTLET GUIDE	0027-1
XR59PP003D	STARWHEEL	0038-1
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X000VRAA415	FILLING VALVE	9500-1
XR01AB201D	FILLING VALVE	0001-1
XR01AB303M	INNER GROUP	0002-1
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XR01AB500A	COLUMNS GROUP	0004-1
XR01AB600A	DECOMPRESSION NOZZLE	0005-1
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<i>PART LIST</i>	<i>DESIGNATION</i>	<i>POS.</i>
XR01AB600L	DECOMPRESSION NOZZLE	0005-5
XR01AB600N	DECOMPRESSION FLOW DAMPER	0006-1
XR01AB651G	CENTERING CUP	0007-1
XR01AB700A	LIQUID FLOW CONE	0008-1
XR01AB850A	DUMMY BOTTLE	0009-1
XR01AB773E	VENT TUBE	9501-1
XR05AB759F	VENT TUBE	9502-1
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XR82AB005B	VENT TUBE EXTRACTOR	9525-1



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002962/337	505	11	052660	101	2	119870	1502	21
005103	101	3	071389	2601	2	120146	2401	13
005103	1503	4	071695	1801	6	120155	2401	12
005103/017	402	5	071696	1801	9	120156	2401	4
005103/022	2902	11	071697	1801	5	120780	406	7
005103/032	101	22	071698	1801	10	121338	4	56
005103/037	402	6	071718	1801	4	122353	2401	7
005103/048	1202	22	071751	1801	19	122615	406	1
005103/048	204	18	071753	1801	8	122616	406	2
005103/055	101	10	071754	1801	18	122620	406	5
005103/063	2199	7	076443	1701	14	122834	2404	3
005103/064	18	2	077650	101	5	122835	2404	7
005103/094	1209	2	077801	1503	4	123887	406	9
005103/095	2	5	080730	1203	45	123936	602	71
005103/095	2902	14	090203	2314	9	125738	1502	12
005103/095	6302	5	090723	2002	6	125877	2110	11
005103/095	6602	5	090990	203	12	126100	2107	14
005103/095	6802	5	094901	1901	13	126100	2110	14
005103/098	6322	2	097601	3	23	126101	2107	17
005103/098	6422	2	097602	3	24	126101	2110	17
005103/098	6522	2	100067	2402		136135	2601	7
005103/098	6622	2	103209	101	3	136544/007	1301	17
005103/098	6722	2	103359	1801	3	136544/018	1301	16
005103/098	6822	2	103440	1801	25	136544/021	1301	15
005103/098	6922	2	103499	602	74	136580/096	1301	18
005103/098	7122	2	105018	2404	14	136599	1301	28
007936/024	2102	23	105768	1502	8	136599	1302	1
008536/017	1801	12	106590	1801	1	136806	1901	37
012119/166	505	8	107567	4	18	139858	2106	5
012332/004	602	46	107854	9	78	139859	2106	20
012558	1601	4	107862	4	51	139862/001	2106	17
013188/111	210	4	107865	9	80	139863/004	2106	18
014598/002	1601	1	108537	2107	15	139943	2106	1
018210/029	2402	8	108537	2110	15	139972	2305	42
019075/009	101	8	108539	2107	18	139975	2106	9
019964/243	210	3	108539	2110	18	142096/028	1302	11
021727/172	2108	13	110117	1801	26	142136	2903	15



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142895/012	502	5	152594	2102	10	159804/001	1701	28
142895/012	504	5	152597	2102	3	160059/001	504	9
143178	1203	46	153571	101	32	160060/001	502	9
143710	406	4	154449	1701	24	160060/002	503	9
144007	2	8	154663	203	3	160232/001	503	6
144009	2	17	154703	210	2	160232/002	503	5
144786	101	2	154866	1701	2	160234	503	7
144786	1503	1	154868	1701	8	160238	503	4
144801	1503	6	154871	1701	9	160239	504	8
144826	2110	5	155288	1502	19	160240	502	8
144827	2110	8	155289	1502	22	160241	503	8
145665	1202	9	155437/001	2001	47	160243	503	6
145950	2905	9	155563	203	7	160244	502	6
145951	2905	7	155564	203	8	160244	504	6
146181	1302	5	155714	502	4	160256/001	502	4
146183/001	1302	30	155714	504	4	160256/001	504	4
146924	2708	8	155719	502	7	160256/002	503	4
146925/001	2708	10	155719	504	7	160302/003	9501	73
147313	101	16	156302	1204	35	160302/028	9502	2
147314	101	14	156303	1204	37	160347	401	20
147707	1202	55	156598	401	18	160347	403	20
148267	1601	13	156598	403	18	160415	203	2
148268	1601	9	156806	404	11	160463/020	1302	1
148286	1601	6	157543	401	13	160478	401	3
148349	1601	14	157543	403	13	160478	403	3
148793	1601	17	157545	401	15	160479	401	4
149395	401	8	157545	403	15	160479	403	4
149395	403	8	157546	401	16	160495	401	25
149396	401	11	157546	403	16	160495	403	25
149396	403	11	157562	1901	6	160496	401	29
149564	1601	10	157564	1901	32	160496	401	27
150470	101	4	158058/001	1302	6	160496	403	29
150537	1801	29	158232/002	4	19	160496	403	27
150583	1801	28	158262	1	118	160849	401	26
151562	1302	37	158928	1601	20	160849	403	26
151564	2303	27	159075	2001	59	160926	1302	38
151567	2305	29	159391	3	3	161383/001	2001	34
151595/034	101	11	159410	401	17	162114/002	2601	9
151595/044	101	12	159410	403	17	162211	1	3
151595/045	101	12	159468	2002	2	162211	3	3
151595/045	101	4	159471/003	2002	4	162211	6301	3
151716/022	1503	9	159644	602	51	162211	6345	3
151716/023	1503	8	159655/003	1503	10	162211	6401	3
152244	1203	47	159734/001	1701	22	162211	6445	3

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162211	6545	3	170180	602	63	183058/001	1503	14
162211	6601	3	170185	602	29	183254	602	64
162211	6645	3	170186	602	69	183434	210	27
162211	6801	3	170188	602	43	183436/015	210	11
162213	1	2	170209	602	38	183436/029	210	15
162213	3	2	170210	602	35	183436/031	210	14
162213	6301	2	171251	101	6	183436/066	210	9
162213	6345	2	171348	2602	21	183896	9525	1
162213	6401	2	171484	101	1	183897/002	9525	3
162213	6445	2	171484	1503	3	183920	9525	2
162213	6501	2	171962	4	20	183972/001	38	5
162213	6545	2	172428	602	76	183972/001	59	5
162213	6601	2	172619	106	4	183972/001	6338	5
162213	6645	2	172830	2	131	183972/001	6438	5
162213	6801	2	174702	1209	4	183972/001	6538	5
162222	9525	4	175693	2106	1	183972/001	6638	5
162688	502	13	175694	2106	6	183972/001	6838	5
162688	503	13	175985	602	82	183972/001	6938	5
162688	504	13	175986	602	70	183972/001	7138	5
162699/001	1301	19	176553/001	1901	5	183972/002	6	5
162699/012	1301	24	177754	1	12	183972/002	6306	5
162700	1301	21	177987/001	1301	20	183972/002	6406	5
163000	401	29	178255	505	1	183972/002	6506	5
163000	403	29	178257	505	7	183972/002	6606	5
163003	203	15	178508	1	11	183972/002	6806	5
163390	101	13	178573	3	22	183972/002	6906	5
163890	2102	21	178713	602	4	183972/002	7106	5
164095	401	22	178798	101	8	183972/003	10	5
164095	403	22	178800	101	5	183972/003	6309	5
164400	2102	20	178801	101	7	183972/003	6409	5
164401	2102	24	179172	210	27	183972/003	6410	5
164770	4	6	180422/001	2110		183972/003	6509	5
164890/003	404	1	180545	401	2	183972/003	6510	5
166256/003	1209	15	180545	403	2	183972/003	6609	5
166282	211	9	181380	404	13	183972/003	6610	5
166288	211	14	181604/003	2107	3	183972/003	6809	5
166294	211	11	181663	106	5	183972/003	6810	5
166295	211	1	182629	6413	34	183972/003	7109	5
166411	2	2	182629	6613	34	183972/003	7110	5
167877	2602	20	182662	401	14	183972/003	9	5
167903	2903	17	182662	403	14	184147	1301	25
167904	2903	12	182663	401	20	184540/002	210	1
167905	2903	13	182663	403	20	184541/002	210	7
169041	1	1	182928/039	210	18	184557/006	210	25
169845	106	1	182928/052	210	20	184558	210	10



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184711	406	6	187513/011	1302	15	198553	2001	44
184712	5	2	188161	1503	12	198555	2001	74
184712	6305	2	188386	1302	4	198556	2001	18
184712	6405	2	189123	406	3	198557	2001	25
184712	6505	2	189262	2	3	198558	2001	13
184712	6605	2	189262	6302	3	199383/002	2201	19
184712	6805	2	189262	6602	3	199383/004	2201	41
184714	406	21	189262	6802	3	199713	2	10
184886/001	2	6	189280/016	2199	7	199866	1502	18
185101	2905	1	189280/016	2902	13	200403	1204	59
185151	402	3	189280/017	2902	16	200840	6	169
185152	402	10	189419	2001	8	201790	2	16
185153	402	8	189425/003	2001	23	202597	1901	44
185154	402	11	189596	6329	12	202684	3	5
185155	2	14	189596	6429	12	202878	2107	11
185155	6302	14	189596	6529	12	204814	2905	3
185155	6602	14	189596	6629	12	205425	2001	35
185155	6802	14	189596	6729	12	205488	2102	3
185156	402	9	189596	6829	12	205836/001	204	13
185157	402	7	189596	6929	12	205838	204	11
185240	2	9	189596	7129	12	205840	204	10
185240	6302	9	189598	6329	15	205842	204	16
185240	6602	9	189598	6429	15	205843	204	12
185240	6802	9	189598	6529	15	205986	204	6
185397	2102	29	189598	6629	15	206811	2108	1
185397	2104	7	189598	6729	15	206812	2108	19
185397	2105	4	189598	6829	15	206813	2108	6
185397	2106	10	189598	6929	15	206814	2108	10
185397	2107	5	189598	7129	15	206815	2108	11
185397	2109	4	189676/003	2001	43	206816	2108	5
185398	2107	8	189685	2001	10	206817	2108	17
185399	2102	13	189686	2001	79	207433	202	2
185400	2102	18	189688/001	2001	31	207457	202	11
185402	2105	5	189984	210	2	207841/005	210	8
185402	2109	5	190014	6	170	208174	2902	15
185403/055	2109	6	190114	2	9	208175	2902	2
185403/056	2105	6	191607	2001	5	208177	2902	1
185404/003	2107	2	191945	3	93	208178	2902	19
185444	2104	9	192608	2001	22	208205	2902	4
185931	2	12	192830/003	1209	10	208206	2902	5
185931	6302	12	194426	6	185	208207	2902	3
185931	6602	12	197144/001	1302	32	208213	2902	22
185931	6802	12	197144/001	1302	24	208450	1209	11
185956	402	26	198213	4	21	208726/001	1901	28
186432	406	8	198493	1202	2	208818/001	1901	31



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209322	1901	14	250368/003	6405	6	292866/331	6645	4
209323	1901	27	250368/003	6505	6	292866/332	6801	4
209491	2201	2	250368/004	5	6	292866/335	1	4
209492	2201	8	250368/004	6805	6	294196/029	2	1
209493	2201	7	280287/002	2905	5	294196/113	6302	1
209796	1601	11	285693	1203	7	294196/115	6802	1
210669	2001	3	285693	2315	11	294196/117	6602	1
211111	204	19	292699	1901	26	299214	1302	2
211112	204	1	292793/019	6806	8	301801	2108	21
211665	2199	8	292793/019	6906	8	320156	2905	4
211666	2199	1	292793/056	6406	8	321401	6302	6
211667	2199	3	292793/059	6	8	321401	6602	6
214914	2001	19	292793/084	10	8	321401	6802	6
214915/004	2001	15	292793/084	9	8	329702/039	6805	3
214997	1901	34	292793/108	38	8	329702/049	6405	3
215442	210	26	292793/108	59	8	329702/053	5	3
216316	1209	4	292793/133	6538	8	329702/054	6305	3
216746	106	3	292793/160	6509	8	329702/055	6505	3
216747	106	8	292793/160	6510	8	329702/056	6605	3
216801	404	16	292793/175	6438	8	329705/044	6805	4
216887/001	106	1	292793/176	6409	8	329705/055	6405	4
216888/001	106	1	292793/176	6410	8	329705/061	5	4
218594	1901	29	292793/177	7138	8	329705/062	6305	4
219263	2001	77	292793/178	7109	8	329705/063	6505	4
219279	2001	69	292793/178	7110	8	329705/064	6605	4
219280	2001	70	292793/179	6838	8	329809/068	6322	5
219296	2001	89	292793/179	6938	8	329809/071	6422	5
219394	101	2	292793/180	6638	8	329809/073	6522	5
219395	101	1	292793/202	6306	8	329809/074	6622	5
219415/003	1901		292793/203	6309	8	329809/075	6722	5
219416/003	1901	4	292793/204	6338	8	329809/076	6822	5
219498	1204	1	292793/205	6506	8	329809/077	6922	5
219593	1901	23	292793/206	6606	8	329809/078	7122	5
219926	1502	14	292793/207	6609	8	329811/019	6322	3
219947	210	22	292793/207	6610	8	329811/022	6422	3
220052	101	9	292793/208	6809	8	329811/024	6522	3
220066	1503	11	292793/208	6810	8	329811/025	6622	3
220067/001	1503	13	292793/209	7106	8	329811/025	6722	3
220082	2001	1	292843/043	3	4	329811/026	6822	3
220105	2201	6	292866/283	6301	4	329811/026	6922	3
220498	1207		292866/283	6345	4	329811/026	7122	3
222287	401	21	292866/329	6401	4	330676/036	6445	9
222287	403	21	292866/329	6445	4	330677/017	6645	9
237739	101	1	292866/330	6501	4	330677/029	6545	9
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350056/008	6524	10	350056/058	6927	10	350056/134	6923	10
350056/033	19	10	350056/077	4	10	350056/146	7120	10
350056/034	13	10	350056/089	6425	10	350056/146	7123	10
350056/035	13	10	350056/090	6412	10	350056/148	7123	10
350056/035	14	10	350056/090	6413	10	350056/158	7120	10
350056/035	19	10	350056/092	6413	10	350056/183	6813	10
350056/035	26	10	350056/092	6425	10	350056/183	6913	10
350056/035	6324	10	350056/092	6426	10	350056/184	6825	10
350056/035	6624	10	350056/092	6427	10	350056/184	6925	10
350056/035	6820	10	350056/093	6413	10	350056/186	6812	10
350056/035	6823	10	350056/094	6412	10	350056/186	6813	10
350056/035	6920	10	350056/095	6412	10	350056/186	6913	10
350056/035	6923	10	350056/095	6427	10	350056/193	6427	10
350056/036	12	10	350056/096	6312	10	350056/194	6420	10
350056/036	13	10	350056/096	6313	10	350056/194	6423	10
350056/042	7124	10	350056/096	7113	10	350056/196	6420	10
350056/051	6627	10	350056/097	6325	10	350056/197	6423	10
350056/052	6613	10	350056/097	7125	10	350056/203	6520	10
350056/052	6625	10	350056/098	6313	10	350056/203	6523	10
350056/052	6626	10	350056/098	6325	10	350056/205	6523	10
350056/052	6627	10	350056/098	6326	10	350056/213	6520	10
350056/054	6612	10	350056/098	6327	10	350056/243	6812	10
350056/054	6627	10	350056/098	6620	10	350056/243	6813	10
350056/055	27	10	350056/098	6623	10	350056/243	6913	10
350056/055	6827	10	350056/098	6720	10	350056/253	6312	10
350056/055	6927	10	350056/098	6723	10	350056/253	6313	10
350056/056	6320	10	350056/098	7113	10	350056/253	6327	10
350056/056	6812	10	350056/098	7125	10	350056/253	6623	10
350056/057	27	10	350056/098	7126	10	350056/253	6723	10
350056/057	6320	10	350056/098	7127	10	350056/253	7113	10
350056/057	6323	10	350056/099	6313	10	350056/253	7127	10
350056/057	6424	10	350056/099	7113	10	350056/254	6613	10
350056/057	6813	10	350056/100	6312	10	350056/255	6612	10
350056/057	6825	10	350056/100	6620	10	350056/256	6513	10
350056/057	6826	10	350056/100	6720	10	350056/257	6527	10
350056/057	6827	10	350056/101	6327	10	350056/258	6512	10
350056/057	6913	10	350056/101	7127	10	350056/263	6513	10
350056/057	6925	10	350056/132	12	10	350056/263	6525	10
350056/057	6926	10	350056/132	14	10	350056/263	6526	10
350056/057	6927	10	350056/132	19	10	350056/263	6527	10
350056/058	27	10	350056/132	6820	10	350056/264	6513	10
350056/058	6323	10	350056/132	6920	10	350056/265	6512	10
350056/058	6812	10	350056/134	12	10	350056/265	6513	10
350056/058	6813	10	350056/134	13	10	350056/265	6527	10

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350056/287	4	10	372633/073	6602	4	372641/048	6825	5
350056/358	6312	10	372633/096	6306	4	372641/048	6826	5
350056/358	6313	10	372633/096	6309	4	372641/048	6827	5
350056/358	7113	10	372633/096	6338	4	372641/048	6913	5
350056/359	6412	10	372633/097	6413	32	372641/048	6925	5
350056/359	6413	10	372633/097	6413	31	372641/048	6926	5
350056/360	6512	10	372637/014	6313	11	372641/048	6927	5
350056/360	6513	10	372637/014	7113	11	372641/049	6612	5
350056/361	6612	10	372637/017	6813	11	372641/049	6613	5
350056/361	6613	10	372637/017	6913	11	372641/049	6625	5
350056/362	6613	10	372637/020	6413	30	372641/049	6626	5
350056/363	6625	10	372637/020	6613	30	372641/049	6627	5
350056/364	12	10	372637/021	6513	11	372641/050	6512	5
350056/364	13	10	372637/044	12	11	372641/050	6513	5
350058/002	6824	10	372637/044	13	11	372641/050	6525	5
350058/002	6924	10	372637/056	14	11	372641/050	6526	5
372633/001	2	4	372639/038	6729	9	372641/050	6527	5
372633/033	10	4	372639/055	6529	9	372641/099	12	5
372633/033	6	4	372639/085	6329	9	372641/099	13	5
372633/033	9	4	372639/085	6629	9	372641/099	6820	5
372633/043	6806	4	372639/086	6429	9	372641/099	6823	5
372633/043	6809	4	372639/087	6829	9	372641/099	6920	5
372633/043	6810	4	372639/087	6929	9	372641/099	6923	5
372633/043	6838	4	372639/088	7129	9	372641/111	7120	5
372633/043	6906	4	372641/030	4	5	372641/111	7123	5
372633/043	6938	4	372641/040	6412	5	372641/125	6520	5
372633/044	38	4	372641/040	6413	5	372641/125	6523	5
372633/044	59	4	372641/040	6425	5	372641/149	6324	5
372633/048	6406	4	372641/040	6426	5	372641/149	6329	4
372633/048	6409	4	372641/040	6427	5	372641/150	6424	5
372633/048	6410	4	372641/042	6312	5	372641/150	6429	4
372633/048	6438	4	372641/042	6313	5	372641/151	6420	5
372633/049	7106	4	372641/042	6325	5	372641/151	6423	5
372633/049	7109	4	372641/042	6326	5	372641/152	6524	5
372633/049	7110	4	372641/042	6327	5	372641/152	6529	4
372633/049	7138	4	372641/042	6620	5	372641/153	6624	5
372633/051	6613	32	372641/042	6623	5	372641/153	6629	4
372633/052	6606	4	372641/042	6720	5	372641/154	6724	5
372633/052	6609	4	372641/042	6723	5	372641/154	6729	4
372633/052	6610	4	372641/042	7113	5	372641/155	6812	5
372633/052	6638	4	372641/042	7125	5	372641/156	6824	5
372633/054	6506	4	372641/042	7126	5	372641/156	6829	4
372633/054	6509	4	372641/042	7127	5	372641/156	6924	5
372633/054	6510	4	372641/048	6320	5	372641/156	6929	4

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372641/158	14	5	372654/029	6313	1	372654/058	26	1
372641/158	19	5	372654/029	6325	1	372654/083	6420	1
372641/158	26	5	372654/029	6326	1	372654/083	6423	1
372641/159	27	5	372654/029	6327	1	372654/083	6424	1
372641/160	18	5	372654/029	6620	1	372654/083	6429	1
372642/023	6322	4	372654/029	6623	1	443763	6338	3
372642/024	6422	4	372654/029	6624	1	444027	6509	3
372642/025	6522	4	372654/029	6629	1	444027	6510	3
372642/026	6622	4	372654/029	6720	1	444099	1301	1
372642/027	6722	4	372654/029	6723	1	444101	1301	2
372642/028	6822	4	372654/029	6724	1	444102	1301	3
372642/028	6922	4	372654/029	6729	1	444103	1301	4
372642/029	7122	4	372654/029	6812	1	444104	1301	5
372645/005	5	5	372654/029	7113	1	444105	1301	6
372645/006	6305	5	372654/029	7125	1	444124	1301	7
372645/006	6405	5	372654/029	7126	1	444125	1301	8
372645/006	6505	5	372654/029	7127	1	444126	1301	9
372645/006	6605	5	372654/034	6320	1	444127	1301	10
372645/011	6805	5	372654/034	6323	1	444128	1301	11
372653/016	6302	8	372654/034	6324	1	444129	1301	12
372653/016	6802	8	372654/034	6329	1	444130	1301	13
372653/019	6602	8	372654/034	6813	1	444131	1301	14
372653/020	2	8	372654/034	6825	1	444560	6	3
372654/001	12	1	372654/034	6826	1	444561	6	6
372654/001	13	1	372654/034	6827	1	444562	10	3
372654/001	27	1	372654/034	6913	1	444562	9	3
372654/001	6820	1	372654/034	6925	1	444563	10	6
372654/001	6823	1	372654/034	6926	1	444563	9	6
372654/001	6824	1	372654/034	6927	1	444564	38	3
372654/001	6829	1	372654/037	6512	1	444564	59	3
372654/001	6920	1	372654/037	6513	1	444565	38	6
372654/001	6923	1	372654/037	6525	1	444565	59	6
372654/001	6924	1	372654/037	6526	1	444759	6306	3
372654/001	6929	1	372654/037	6527	1	444760	6306	6
372654/002	6612	1	372654/038	7120	1	444761	6309	3
372654/002	6613	1	372654/038	7123	1	444762	6309	6
372654/002	6625	1	372654/038	7124	1	444764	6338	6
372654/002	6626	1	372654/038	7129	1	444959	6406	3
372654/002	6627	1	372654/047	6413	33	444960	6406	6
372654/018	4	1	372654/047	6613	33	444961	6409	3
372654/027	6412	1	372654/057	6520	1	444961	6410	3
372654/027	6413	1	372654/057	6523	1	444962	6409	6
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445026	6506	6	80PR001G36	14	2	80PR001G89	6412	6
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80PR001H52	7123	2	80PR001I10	6427	2	9090D012X235	6422	1
80PR001H54	6423	6	80PR001I11	6527	2	9090D012X240	6622	1
80PR001H55	6523	6	80PR001I12	6627	2	9090D012X240	6722	1
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80PR001H75	6924	6	9090D012X165	6906	1	CAA415	403	17
80PR001H76	7124	6	9090D012X165	6938	1	CAA415	1	7
80PR001H78	6425	2	9090D012X170	6506	1	CAA415	3	7
80PR001H79	6525	2	9090D012X170	6509	1	CAA415	6301	7
80PR001H80	6625	2	9090D012X170	6510	1	CAA415	6345	7
80PR001H81	6825	2	9090D012X170	6538	1	CAA415	6401	7
80PR001H82	6925	2	9090D012X185	6822	1	CAA415	6445	7
80PR001H83	7125	2	9090D012X185	6922	1	CAA415	6501	7
80PR001H86	6425	6	9090D012X185	7106	1	CAA415	6545	7
80PR001H87	6525	6	9090D012X185	7109	1	CAA415	6601	7
80PR001H88	6625	6	9090D012X185	7110	1	CAA415	6645	7
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80PR001H91	7125	6	9090D012X190	6309	1	CAA475	403	5
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80PR001I03	6526	6	9090D012X215	6438	1	CAA569	505	6
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CHB009	1701	12	DEF800	2201	20	DPD020	2315	4
CHD010	1502	11	DEF802	2001	76	DPE078	1901	1
CHG450	1	1	DEF802	2201	43	DQC020	1203	1
CHG450	3	1	DEF802	2201	21	DQC060	2001	83
CHG450	6301	1	DEG015	2201	20	DQC065	2201	27
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CHG450	6445	1	DEG025	2201	44	DQM332	2001	KIT
CHG450	6501	1	DEG025	2201	21	DQM332	2002	KIT
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CHG450	6601	1	DEH015	2201	20	EAB265	2201	2
CHG450	6645	1	DEH200	1901	2	EAE307	2708	2
CHG450	6801	1	DEH200	2001	90	EAG050	2708	5
CZA953	602	75	DEH200	2001	75	EAH630	2702	6
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DCC005	401	26	DEH404	2002	12	EAN595	2601	1
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ECH773	204	3	GAL162	1901	25	GEA966	9501	72
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ECH874	204	5	GAL243	403	31	GFA045	2401	16
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EDA145	2201	1	GAM131	2001	27	GFB950	401	14
EED003	2106	2	GAM325	2201	6	GFB950	403	14
EED008	2108	20	GAM387	101	15	GFB950	502	2
EED011	1901	4	GAM600	2001	29	GFB950	503	2
EED011	2001	63	GAM775	602	30	GFB950	504	2
EED018	1901	4	GAP162	1601	36	GFB950	505	2
EED018	2001	64	GAP425	1502	25	GFC110	1901	3
EED050	1209	2	GAP450	2001	4	GZC043	2903	7
EED071	1901	3	GAU001	602	31	GZC046	3	96
EEM420	1209	1	GBV014	1	57	GZC047	2903	16
GAA170	505	5	GBV015	1	122	GZC107	12	7
GAC410	1601	39	GBV017	2	54	GZC107	12	3
GAD050	1601	37	GBV030	8	36	GZC107	13	7
GAD140	1601	35	GBV222	3	34	GZC107	13	3
GAF109	203	13	GBV460	3	137	GZC107	14	7
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HZF030	6413	30	PAA022	2309		PAA391	2001	86
HZF030	6513	11	PAA112	2201	42	PAA391	2201	42
HZF030	6613	30	PAA112	2201	33	PAA443	2304	40
HZF030	6813	11	PAA113	2201	32	PAA502	1203	15
HZF030	6913	11	PAA113	2314	5	PAA513	1203	17
HZF030	7113	11	PAA114	1203	37	PAA514	1203	16
HZG025	401	9	PAA114	2201	30	PAB017	2401	6
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HZG047	1	6	PAA137	2305	36	PAB270	2001	81
HZG047	3	6	PAA142	2304	39	PAB271	2106	8
HZG047	6301	6	PAA151	2303	21	PAB271	2402	16
HZG047	6345	6	PAA154	2201	42	PAB271	2404	10
HZG047	6401	6	PAA154	2201	34	PAB309	2402	11
HZG047	6445	6	PAA155	2201	42	PAB309	2404	2
HZG047	6501	6	PAA155	2201	37	PAB418	2401	14
HZG047	6545	6	PAA156	2102	7	PAB603	2404	10
HZG047	6601	6	PAA156	2201	38	PAB603	2404	8
HZG047	6645	6	PAA156	2314	17	PAB748	2402	18
HZG047	6801	6	PAA157	1203	30	PAB760	2404	8
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LBA080	2602	22	PAA157	2305	1	PAC020	2305	25
LBA100	2601	1	PAA157	2306		PAC030	2201	42
LBA305	401	23	PAA157	2309		PAC030	2201	16
LBA305	403	23	PAA157	2314	8	PAC040	1203	14
LBA421	2602	23	PAA157	2601	3	PAC040	2102	1
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VCB520	2102	5	XR05PP029Z	6400	6405	XR18PP034J	7100	18
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VVB154	107	1	XR06PP020K	6800	6806	XR20PP006Q	7000	7120
VVB459	106	3	XR06PP020L	6900	6906	XR21AA102B	2110	
XR01AA070A	101	3	XR06PP020M	7000	7106	XR21AA125A	2106	16
XR01AA099A	106	4	XR06PP020N	7100	6	XR21AA130A	2107	1
XR01AA577C	106	1	XR09PP023C	6300	6309	XR22PP013X	6300	6322
XR01AA577D	106	2	XR09PP023D	6400	6410	XR22PP013Y	6400	6422
XR01AB201D	9500	1	XR09PP023D	6400	6409	XR22PP013Z	6500	6522
XR01AB303M	9500	2	XR09PP023E	6500	6510	XR22PP014A	6600	6622
XR01AB401G	9500	3	XR09PP023E	6500	6509	XR22PP014C	6800	6822
XR01AB500A	9500	4	XR09PP023F	6600	6610	XR22PP014D	6700	6722
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XR01AB600B	9500	5	XR09PP023G	6800	6810	XR22PP014F	7000	7122
XR01AB600L	9500	5	XR09PP023G	6800	6809	XR23PP012O	6300	6323
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XR01AB850A	9500	9	XR09PP023I	7100	9	XR23PP012U	6800	6823
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XR26PP038C	6600	6626	XR29PP020C	6700	6729			