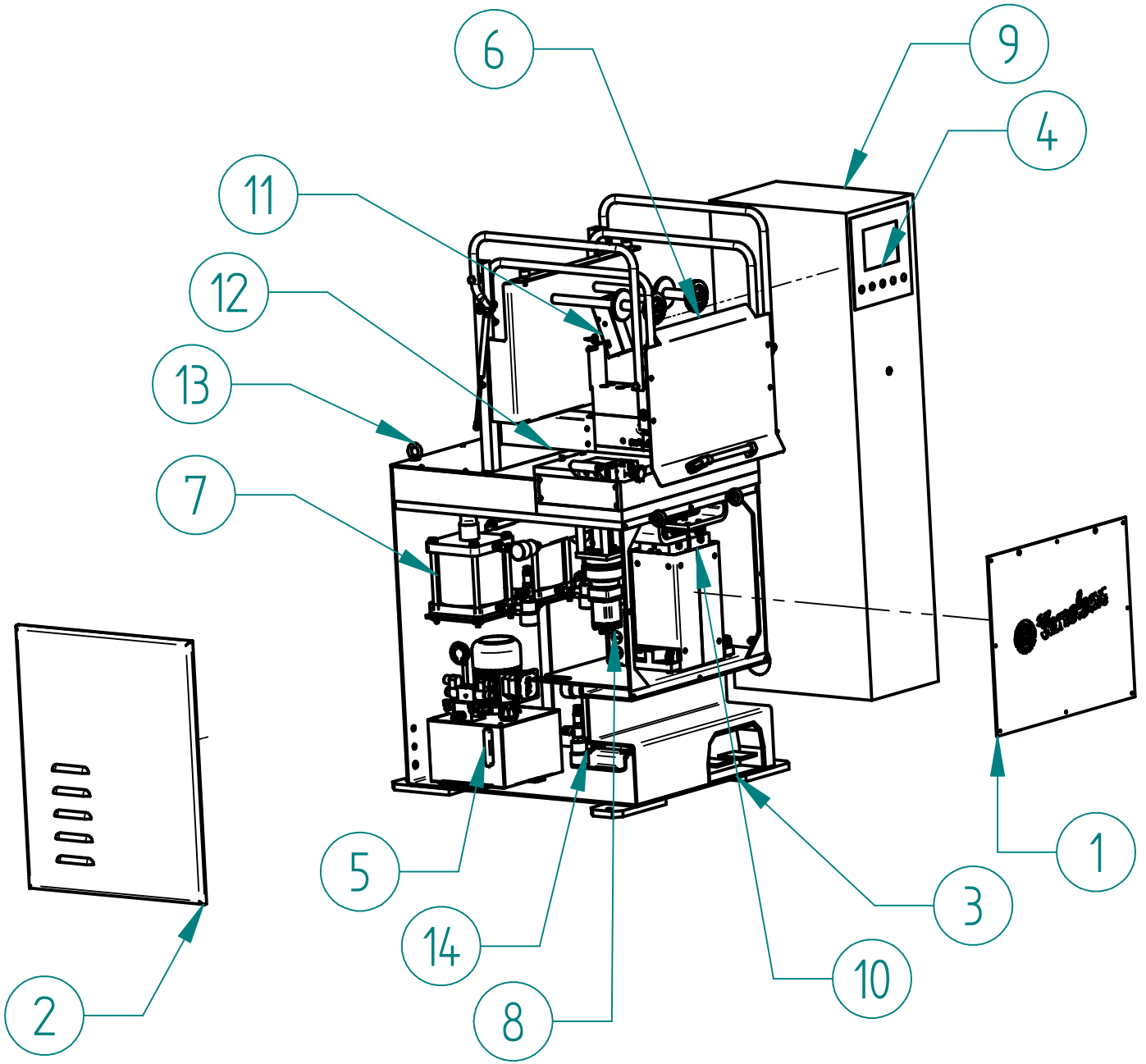
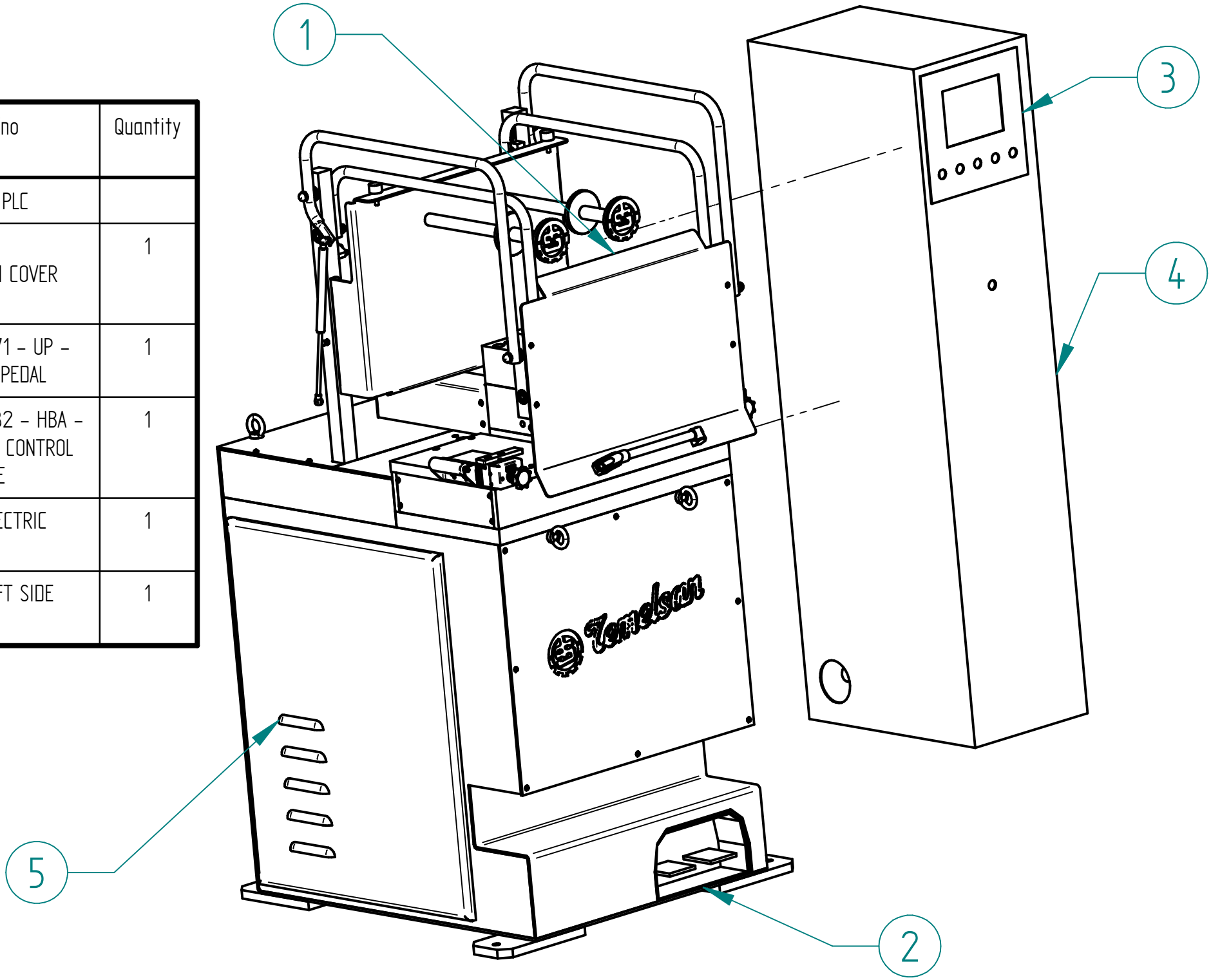
KN 67 HBA PLC
TYPE WELDER
EXPLODED VIEWS


Temelsun

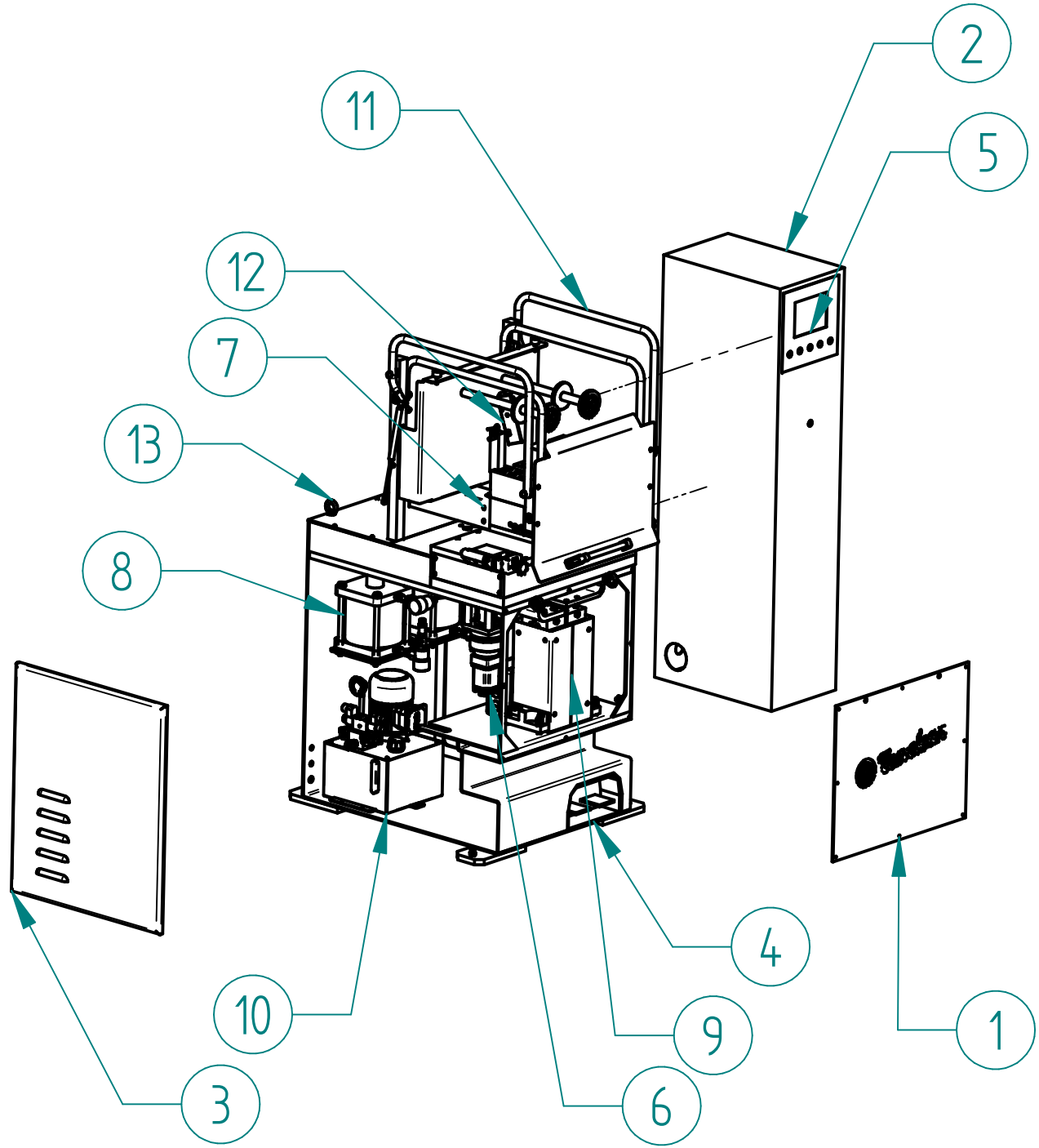
Item	File Name (no extension)	Quantity
	KN 67 HBA PLC	
1	HBA-BC-5MM-5	1
2	HBA-BC-LEFT SIDE DOOR	1
3	GSP - 00571 - UP - 09 DOUBLE PEDAL	1
4	GSP - 00582 - HBA - OMRON HMI CONTROL LABEL PLATE	1
5	KNS - 00545 - KN 67_100_120 HBA DE-BURRING HYDRAULIC POWER UNIT	1
6	KN 67 HBA PROTECTION COVER ASSEMBLY	1
7	KN 67_100 HBA BOOSTER GROUP ASSEMBLY	1
8	KN 67_100_120 HBA OPERATIONAL CAM MOTOR AND HOUSING ASSEMBLY	1
9	HBA-BC-ELECTRIC CABINET	1
10	KN 67_100 HBA TRANSFORMER GROUP ASSEMBLY	1
11	HBA - PACS - PYROMETER ANNEALING CONTROL SYSTEM	1
12	KN 67 HBA DE-BURRING ASSEMBLY 1	1
13	GSP - 00751 - M14 EYE BOLT	2
14	KN 67_100_120 HBA UPSET BOOSTER GROUP	1



Item Number	File Name (no extension)	Quantity
	KN 67 HBA PLC	
1	KN 67 HBA PROTECTION COVER ASSEMBLY	1
2	GSP – 00571 – UP – 09 DOUBLE PEDAL	1
3	GSP – 00582 – HBA – OMRON HMI CONTROL LABEL PLATE	1
4	HBA-BC-ELECTRIC CABINET	1
5	HBA-BC-LEFT SIDE DOOR	1

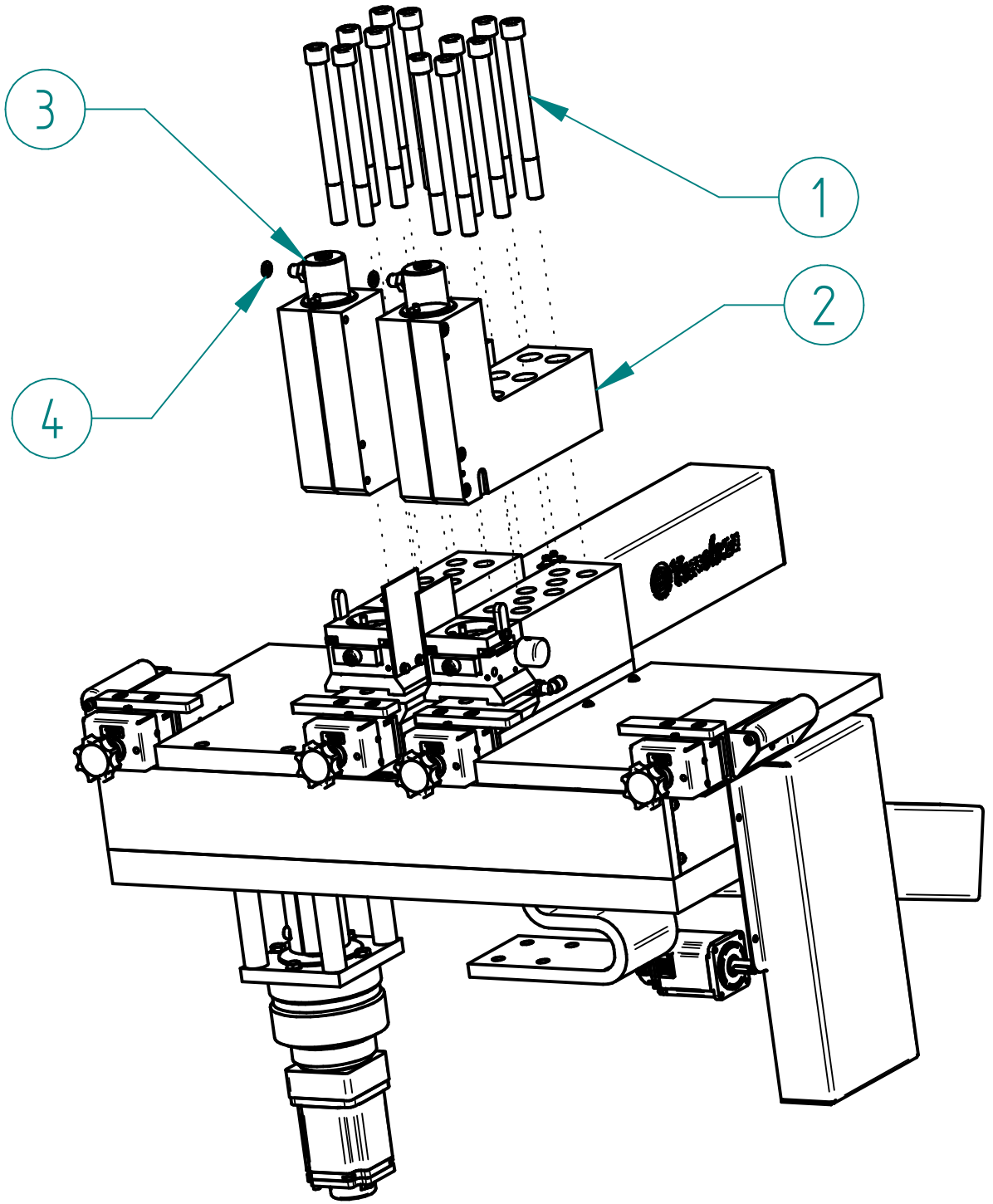


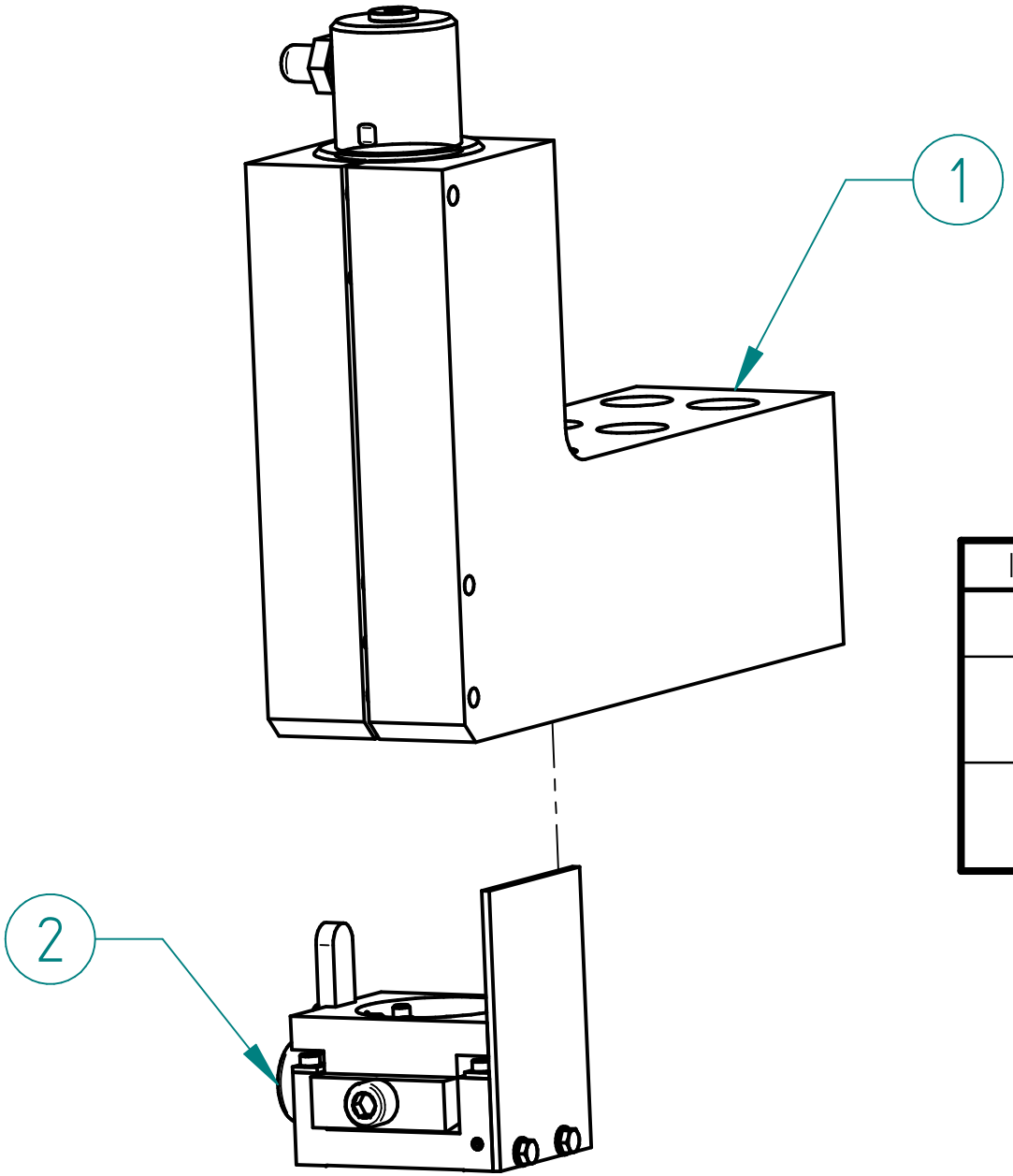
Item Number	File Name (no extension)	Quantity
	KN 100 HBA PLC	
1	HBA-BC-5MM-5	1
2	HBA-BC-ELECTRIC CABINET	1
3	HBA-BC-LEFT SIDE DOOR	1
4	GSP - 00571 - UP - 09 DOUBLE PEDAL	1
5	GSP - 00582 - HBA - OMRON HMI CONTROL LABEL PLATE	1
6	KN 67_100_120 HBA OPERATIONAL CAM MOTOR AND HOUSING ASSEMBLY	1
7	KN 100 HBA DE-BURRING SYSTEM	1
8	KN 67_100 HBA BOOSTER GROUP ASSEMBLY	1
9	KN 67_100 HBA TRANSFORMER GROUP ASSEMBLY	1
10	KNS - 00545 - KN 67_100_120 HBA DE-BURRING HYDRAULIC POWER UNIT	1
11	KN 67 HBA PROTECTION COVER ASSEMBLY	1
12	HBA - PACS - PYROMETER ANNEALING CONTROL SYSTEM	1
13	GSP - 00751 - M14 EYE BOLT	2



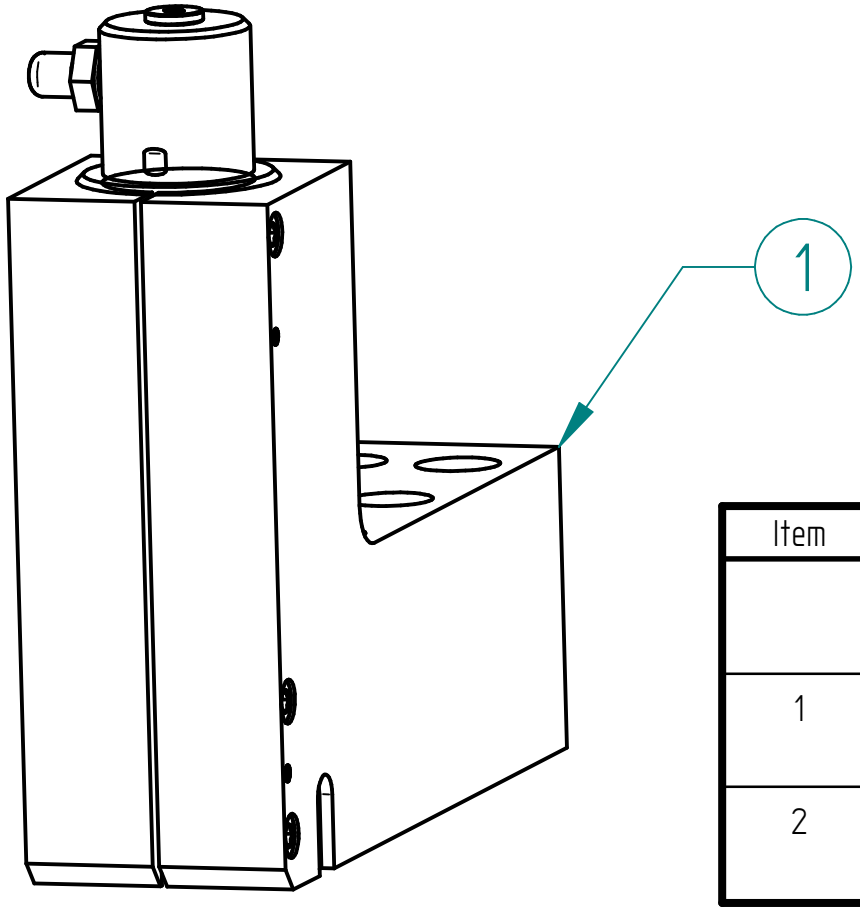
CLAMPING GROUP

Item Number	File Name (no extension)	Quantity
1	GSP – 00111 – M16x180 IMBUS BOLT	12
2	KNS – 00073 – KN 67 HBA CLAMPING PISTON SET RIGHT	1
3	KNS – 00074 – KN 67 HBA CLAMPING PISTON SET LEFT	1
4	HSP – 00041 – KN 67_100_120 HBA – 67 HBS CLAMPING PISTON HYDRAULIC HOSE	2

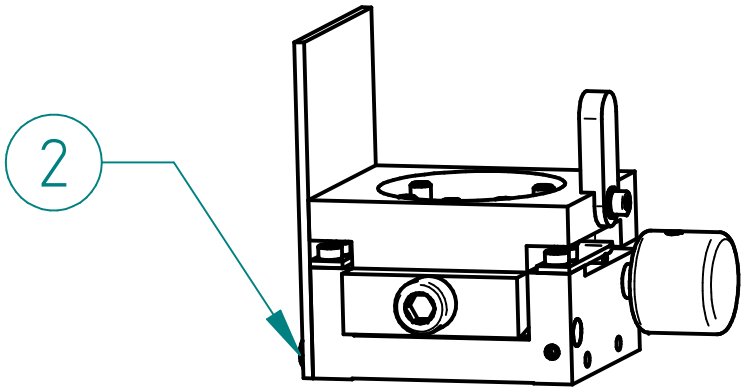


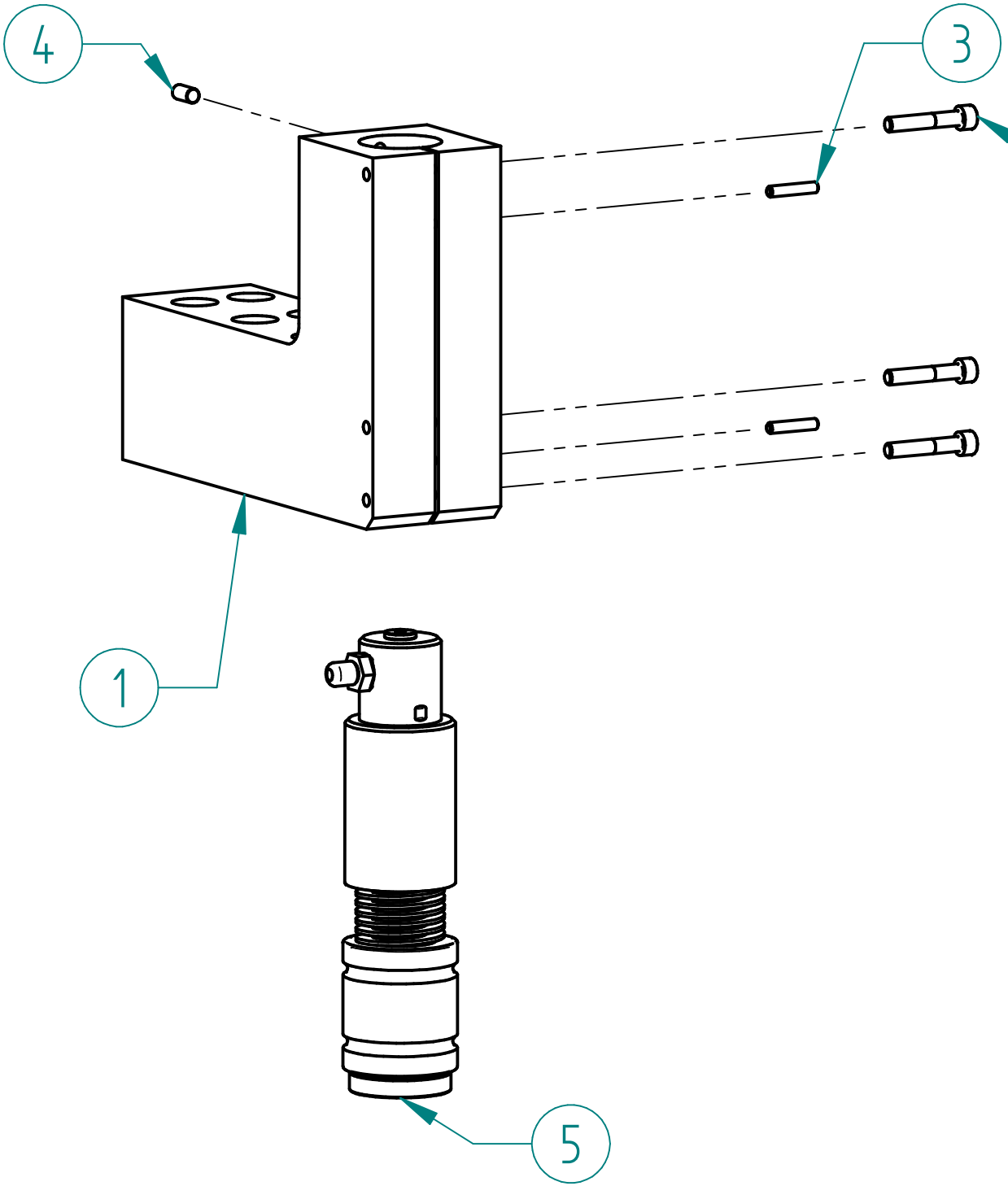


Item	File Name (no extension)	Quantity
	KNS – 00655 – KN 67 HBA CLAMPING GROUP LEFT	
1	KNS – 00074 – KN 67 HBA CLAMPING PISTON SET LEFT	1
2	KNS – 00684 – KN 67 HBA PARALEL CLAMPING GUIDE SET LEFT	1

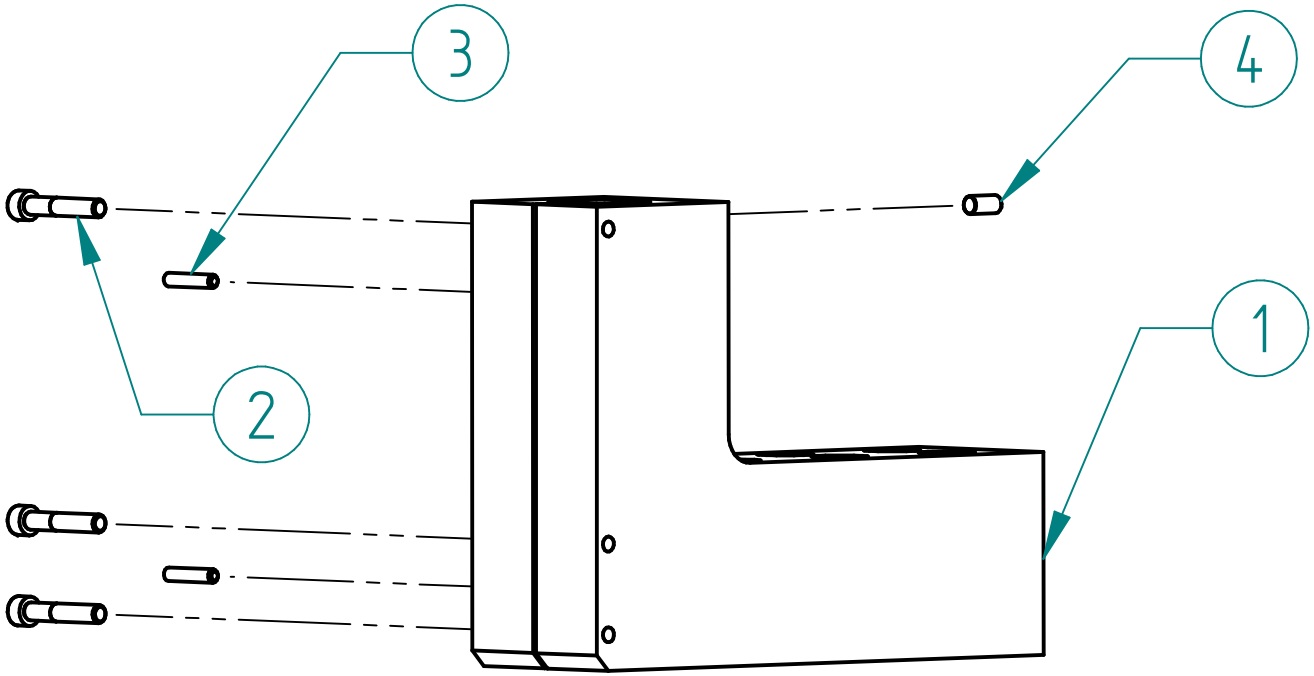


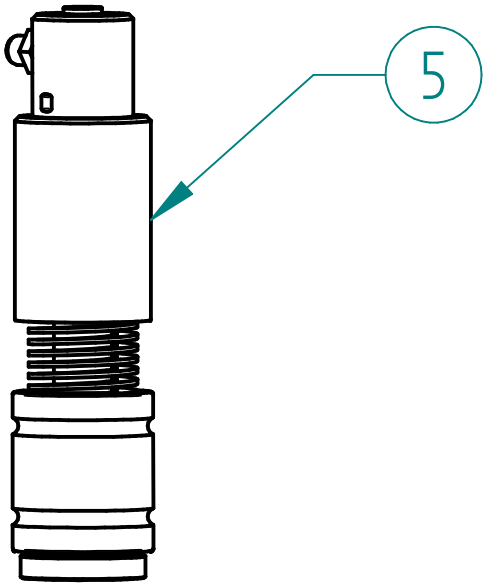
Item	File Name (no extension)	Quantity
	KNS – 00615 – KN 67 HBA CLAMPING GROUP RIGHT	
1	KNS – 00073 – KN 67 HBA CLAMPING PISTON SET RIGHT	1
2	KNS – 00408 – KN 67 HBA PARALEL CLAMPING GUIDE SET RIGHT	1



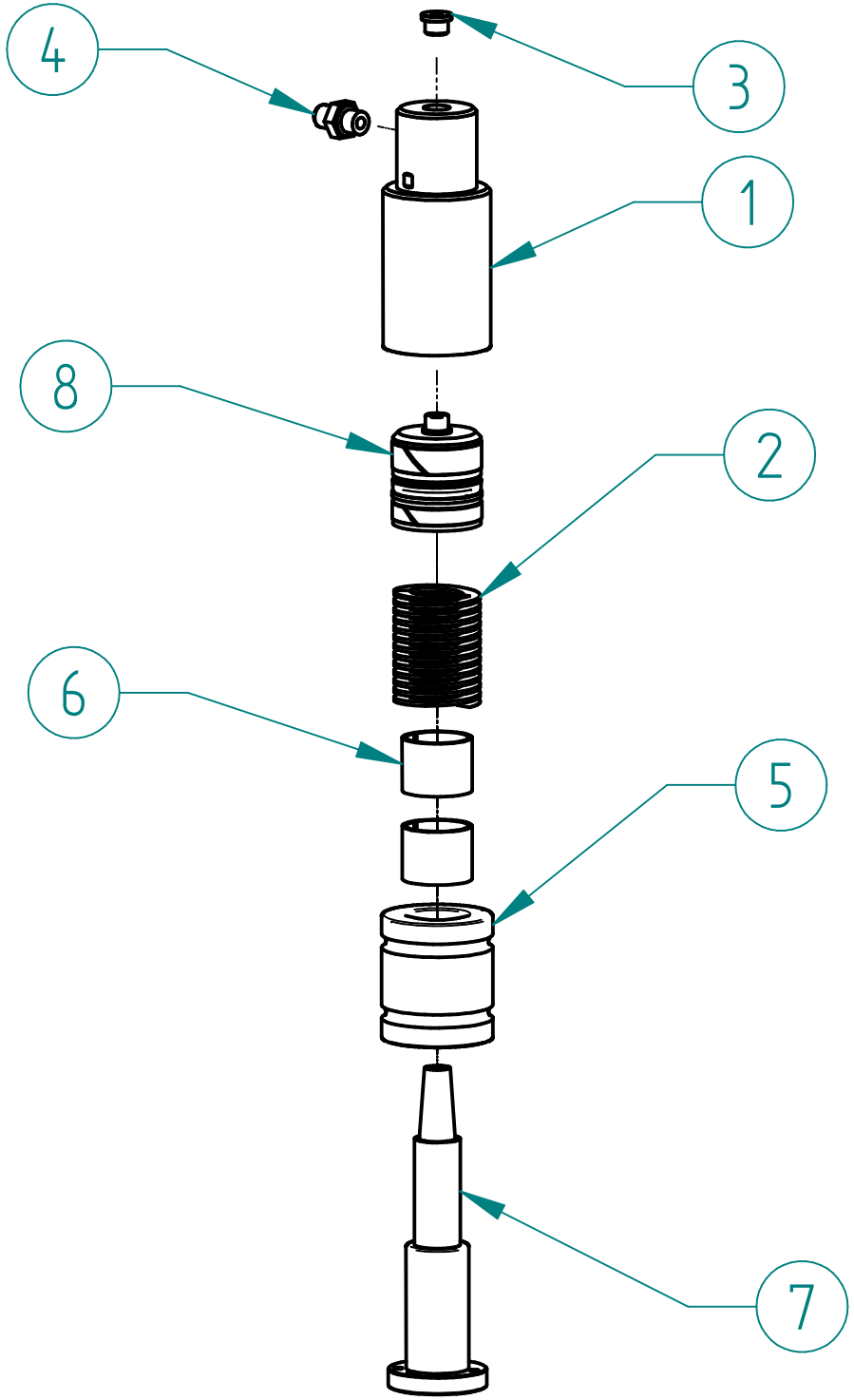


Item	File Name (no extension)	Quantity
	KNS – 00073 – KN 67 HBA CLAMPING PISTON SET RIGHT	
1	KNS – 00415 – KN 67 HBA CLAMPING PISTON HOUSING RIGHT	1
2	GSP – 00037 – M8X45 IMBUS BOLT	3
3	GSP – 00303 – M6x30 SETSCREW	2
4	GSP – 00309 – M8x16 SETSCREW	1
5	KNS – 00683 – KN 67 HBA CLAMPING PISTON INNER SET	1

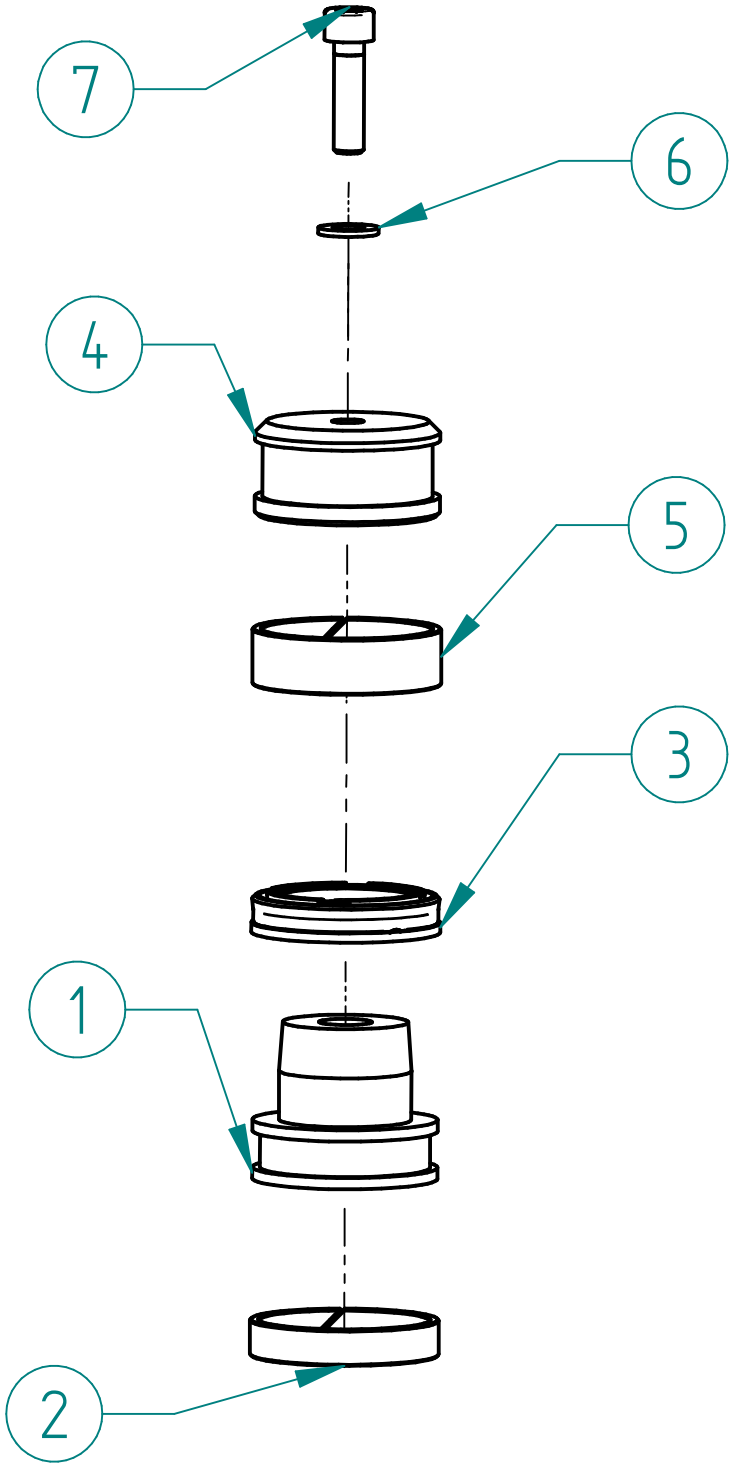




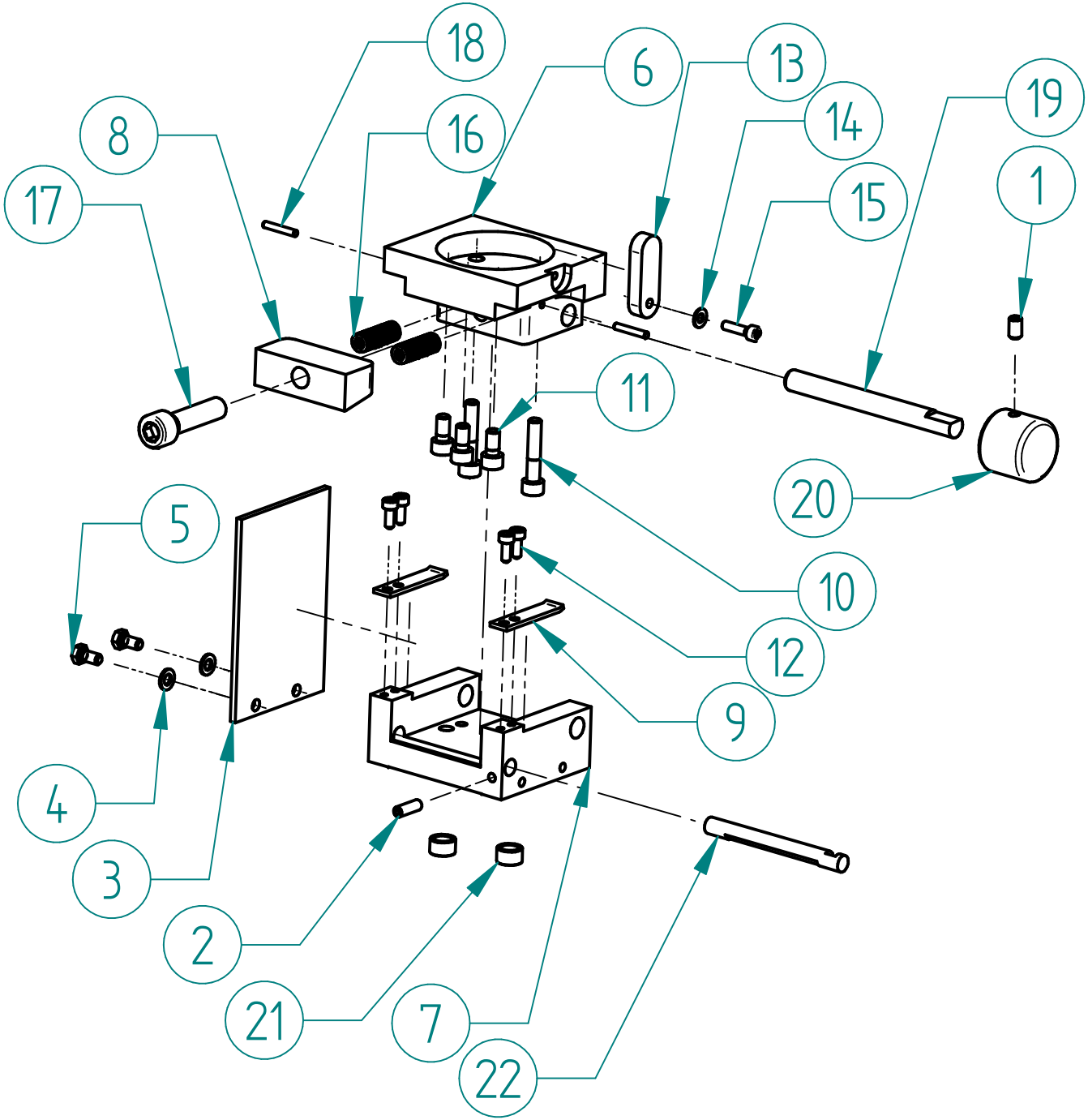
Item Number	File Name (no extension)	Quantity
	KNS – 00074 – KN 67 HBA CLAMPING PISTON SET LEFT	
1	KNS – 00442 – KN 67 HBA CLAMPING PISTON HOUSING LEFT	1
2	GSP – 00037 – M8X45 IMBUS BOLT	3
3	GSP – 00303 – M6x30 SETSCREW	2
4	GSP – 00309 – M8x16 SETSCREW	1
5	KNS – 00683 – KN 67 HBA CLAMPING PISTON INNER SET	1



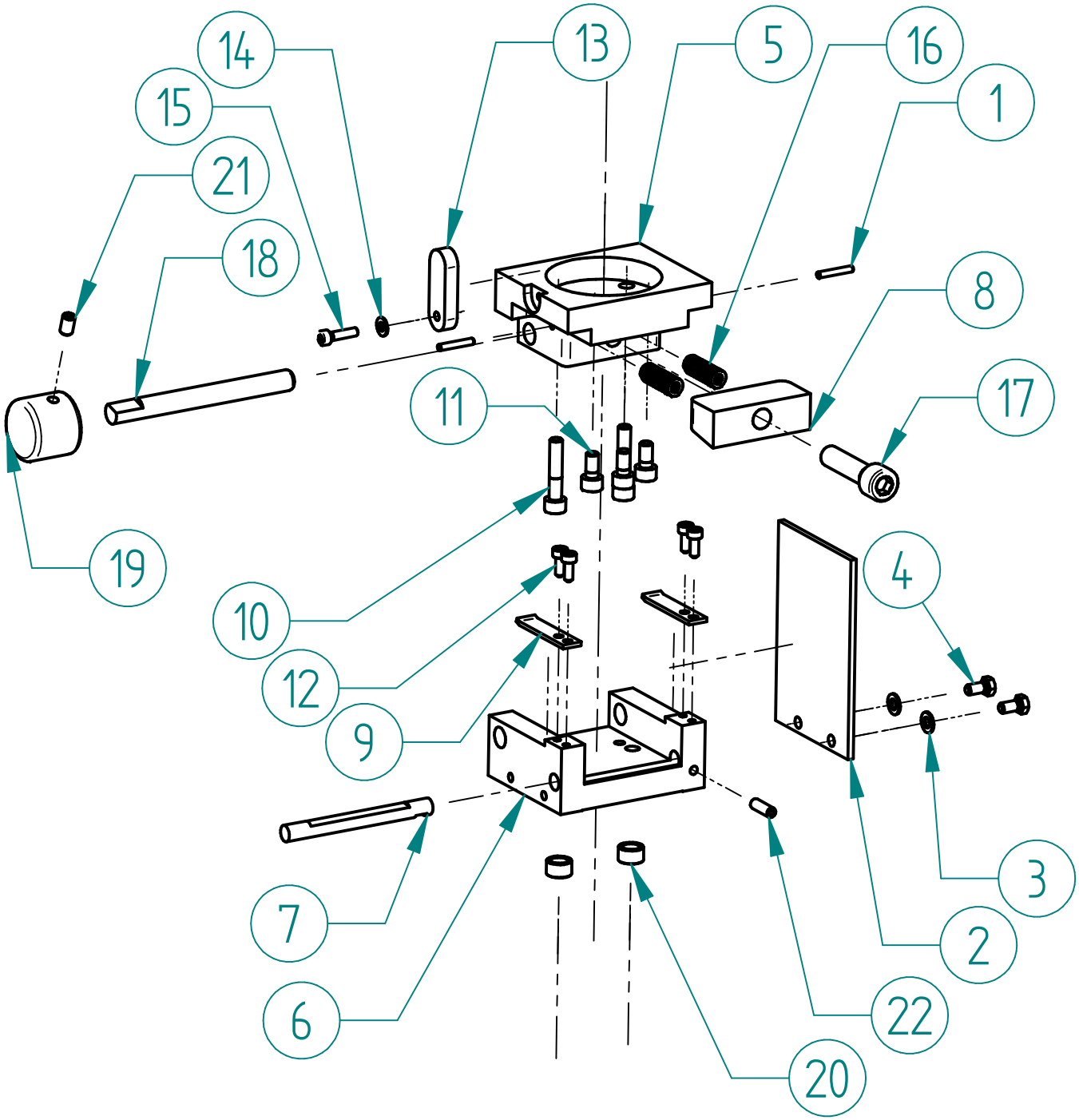
Item Number	File Name (no extension)	Quantity
	KNS – 00683 – KN 67 HBA CLAMPING PISTON INNER SET	
1	KNS – 00522 – KN 67_100_120 HBA CLAMPING PISTON CYLINDER	1
2	GSP – 00578 – MOLD SPRING GREEN 48X63	1
3	HSP – 00001 – HYDRAULIC BLANKING SCREW 1_4	1
4	HSP – 00002 – HYDRAULIC FITTING 1_4–10	1
5	KNS – 00417 – KN 67 HBA CLAMPING PISTON BUSHING	1
6	GSP – 00388 – PAP 3530 BUSH	2
7	KNS – 00403 – KN 67 HBA CLAMPING PISTON SHAFT	1
8	KNS – 00793 – KN 67 HBS_67_100_120 HBA CLAMPING PISTON SEAL KIT	1



Item Number	File Name (no extension)	Quantity
	KNS – 00793 – KN 67 HBS_67_100_120 HBA CLAMPING PISTON SEAL KIT	
1	KNS – 00405 – KN 67_100_120 HBA – 67 HBS CLAMPING PISTON CONIC LOWER SEAL GUIDE HOUSING	1
2	GSP – 00511 – KASTAS-K75-45X50X9_5 – KN 67 HBA CLAMPING PISTON	1
3	GSP – 00510 – KASTAS-K40-50X35X11 – KN 67 HBA CLAMPING PISTON	1
4	KNS – 00406 – KN 67_100_120 HBA – 67 HBS CLAMPING PISTON CONIC UPPER SEAL GUIDE HOUSING	1
5	GSP – 00512 – KASTAS-K75-45X50X14 – KN 67 HBA CLAMPING PISTON	1
6	GSP – 00275 – M8 WASHER	1
7	GSP – 00034 – M8X30 IMBUS BOLT	1

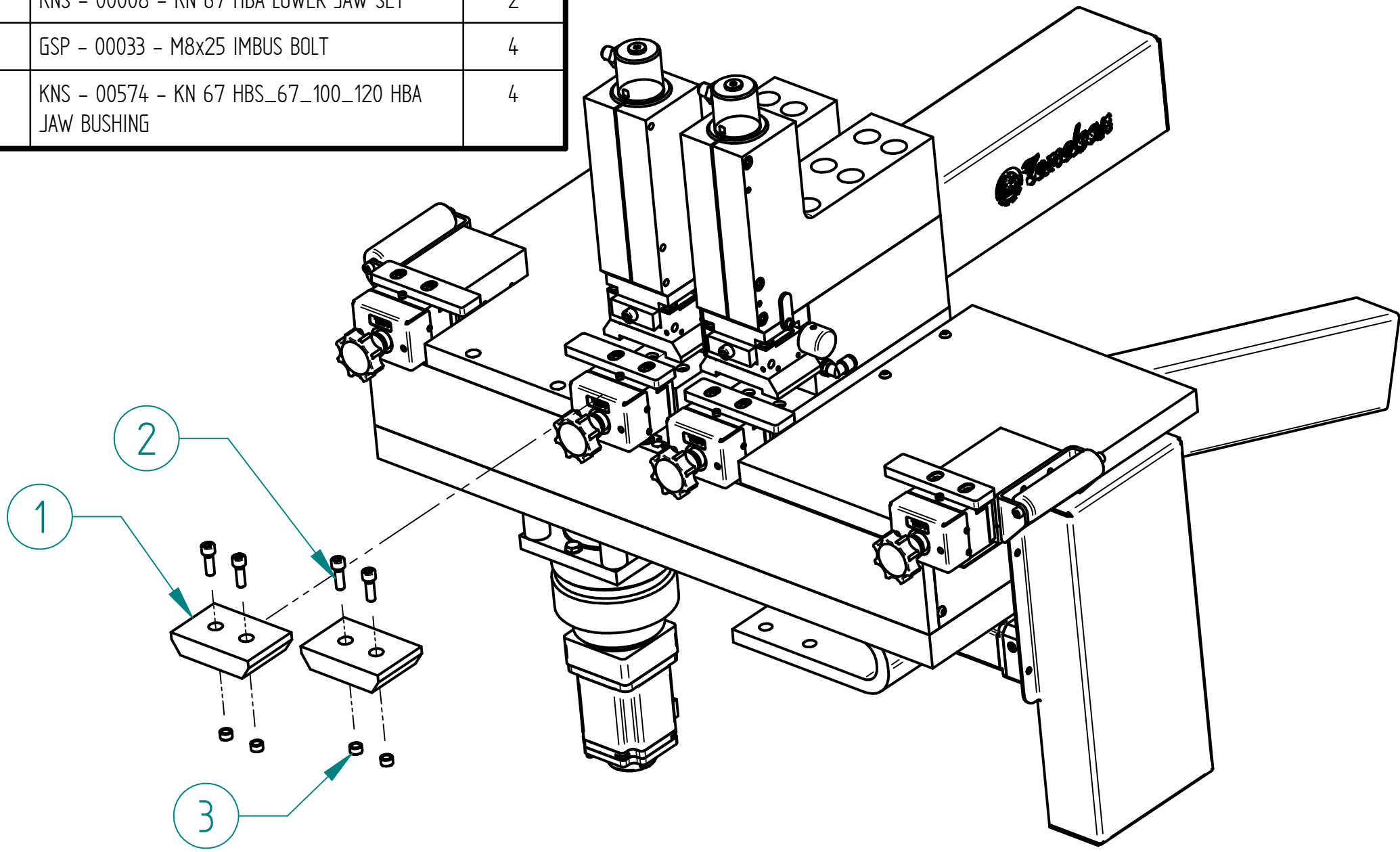


Item	File Name (no extension)	Quantity
	KNS – 00408 – KN 67 HBA PARALEL CLAMPING GUIDE SET RIGHT	
1	GSP – 00299 – M6X10 SETSCREW	1
2	GSP – 00298 – M5x16 SETSCREW	1
3	KNS – 00101 – KN 67 HBA FIBER SET	1
4	GSP – 00273 – M5 WASHER	2
5	GSP – 00123 – M5x10 HEXAGON BOLT	2
6	KNS – 00414 – KN 67 HBA CLAMPING PISTON BOTTOM SIDE BLOCK RIGHT	1
7	KNS – 00407 – KN 67 HBA CLAMPING PISTON BOTTOM BLOCK RIGHT	1
8	KNS – 00411 – KN 67_100_120 HBA PARALLELY CONE PART	1
9	KNS – 00412 – KN 67_100_120 HBA CLAMPING PARALELLY SPRING STEEL	2
10	GSP – 00025 – M6x30 IMBUS BOLT	2
11	GSP – 00021 – M6X12 IMBUS BOLT	3
12	GSP – 00006 – M4X10 IMBUS BOLT	4
13	KNS – 00404 – KN 67_100_120 HBA CLAMPING PISTON CENTER WEDGE	1
14	GSP – 00272 – M4 WASHER	1
15	GSP – 00007 – M4X16 IMBUS BOLT	1
16	GSP – 00563 – MOLD SPRING BLUE 9X32	2
17	GSP – 00047 – M10x40 IMBUS BOLT	1
18	GSP – 00404 – STEEL PIN Q3X18	2
19	KNS – 00240 – KN 67 HBA CLAMPING PIVOT PIN	1
20	KNS – 00241 – KNURLED KNOB Q10 – KN 67 HBA	1
21	KNS – 00574 – KN 67 HBS_67_100_120 HBA JAW BUSHING	2
22	KNS – 00530 – KN 67_100_120 HBA CLAMPING BOTTOM BLOCK PARALELLY PIN	1

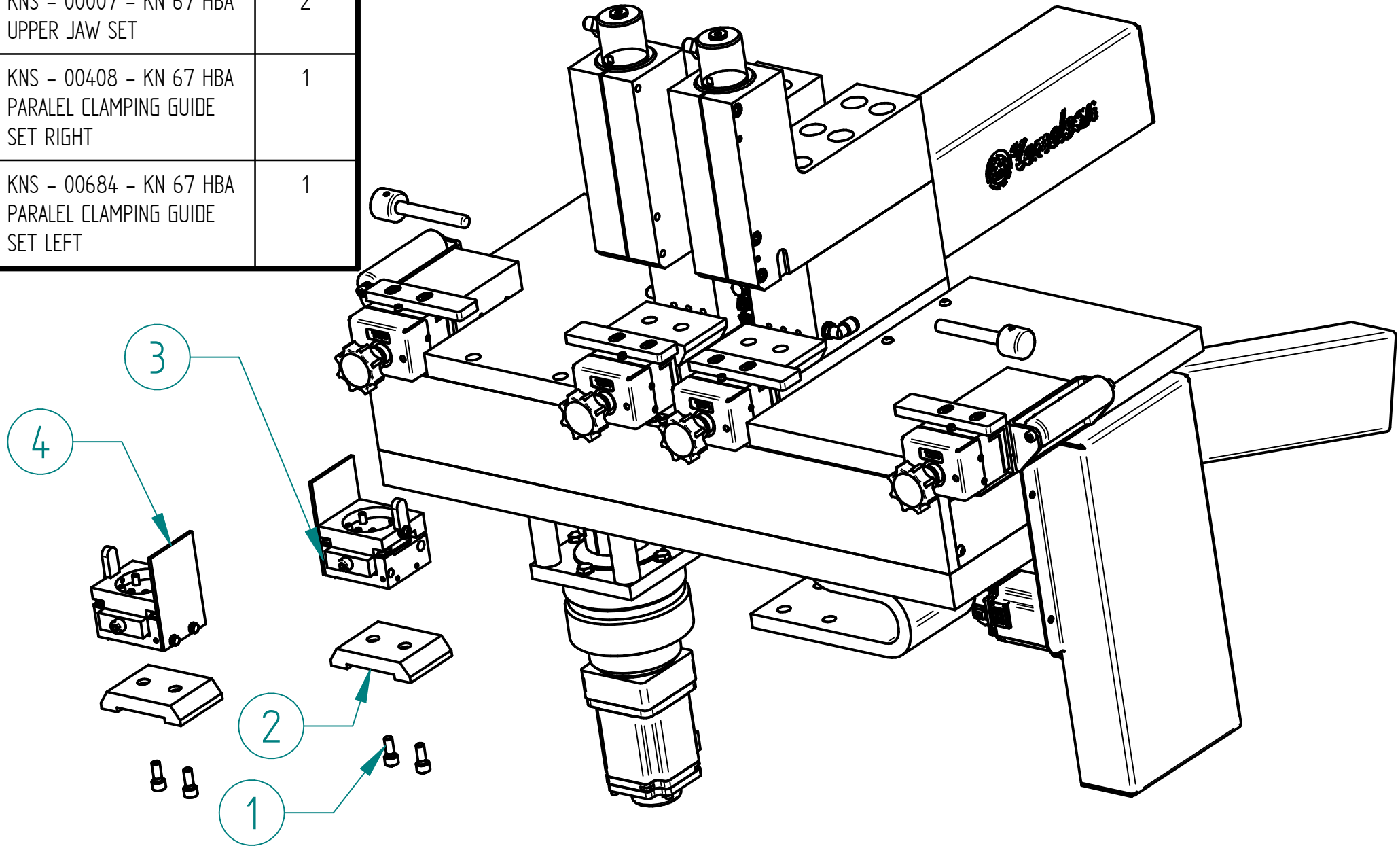


Item	File Name (no extension)	Quantity
	KNS – 00684 – KN 67 HBA PARALEL CLAMPING GUIDE SET LEFT	
1	GSP – 00404 – STEEL PIN Ø3X18	2
2	KNS – 00101 – KN 67 HBA FIBER SET	1
3	GSP – 00273 – M5 WASHER	2
4	GSP – 00123 – M5x10 HEXAGON BOLT	2
5	KNS – 00443 – KN 67 HBA CLAMPING PISTON BOTTOM SIDE BLOCK LEFT	1
6	KNS – 00410 – KN 67 HBA CLAMPING PISTON BOTTOM BLOCK LEFT	1
7	KNS – 00530 – KN 67_100_120 HBA CLAMPING BOTTOM BLOCK PARALELLY PIN	1
8	KNS – 00411 – KN 67_100_120 HBA PARALLELY CONE PART	1
9	KNS – 00412 – KN 67_100_120 HBA CLAMPING PARALELLY SPRING STEEL	2
10	GSP – 00025 – M6x30 IMBUS BOLT	2
11	GSP – 00021 – M6X12 IMBUS BOLT	3
12	GSP – 00006 – M4X10 IMBUS BOLT	4
13	KNS – 00404 – KN 67_100_120 HBA CLAMPING PISTON CENTER WEDGE	1
14	GSP – 00272 – M4 WASHER	1
15	GSP – 00007 – M4X16 IMBUS BOLT	1
16	GSP – 00563 – MOLD SPRING BLUE 9X32	2
17	GSP – 00047 – M10x40 IMBUS BOLT	1
18	KNS – 00240 – KN 67 HBA CLAMPING PIVOT PIN	1
19	KNS – 00241 – KNURLED KNOB Ø10 – KN 67 HBA	1
20	KNS – 00574 – KN 67 HBS_67_100_120 HBA JAW BUSHING	2
21	GSP – 00299 – M6X10 SETSCREW	1
22	GSP – 00298 – M5x16 SETSCREW	1

Item Number	File Name (no extension)	Quantity
1	KNS – 00008 – KN 67 HBA LOWER JAW SET	2
2	GSP – 00033 – M8x25 IMBUS BOLT	4
3	KNS – 00574 – KN 67 HBS_67_100_120 HBA JAW BUSHING	4

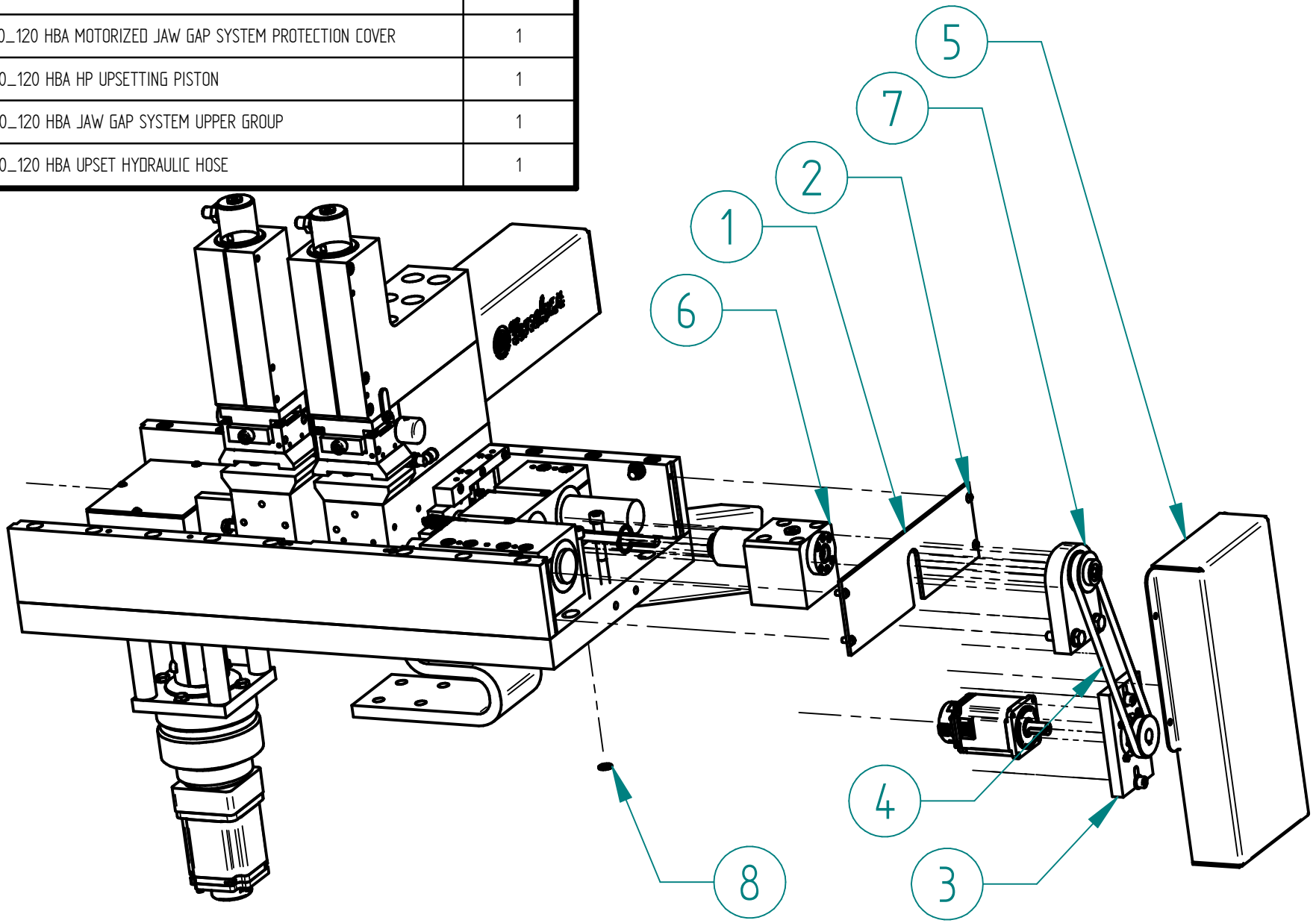


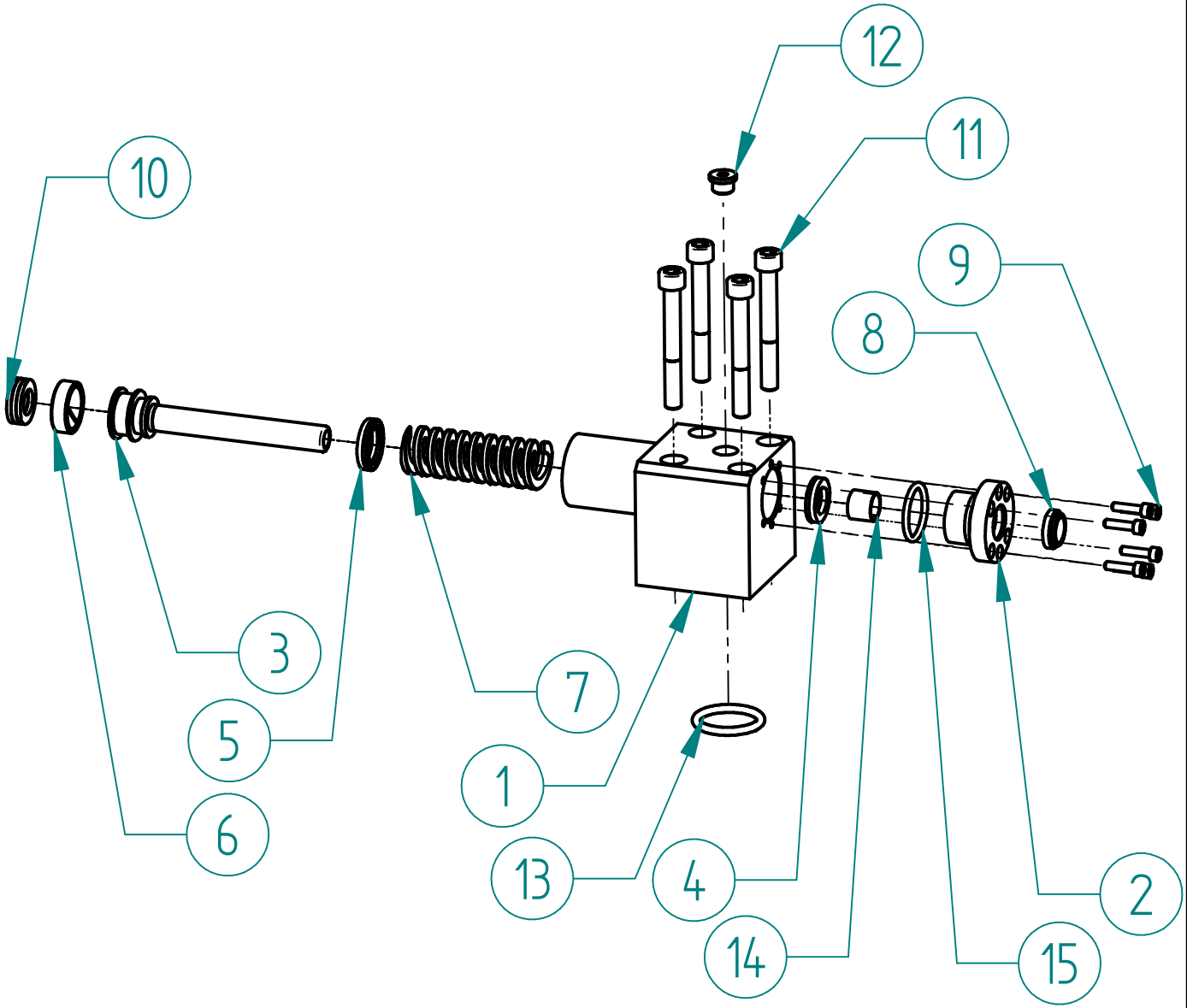
Item Number	File Name (no extension)	Quantity
1	GSP – 00032 – M8X20 IMBUS BOLT	4
2	KNS – 00007 – KN 67 HBA UPPER JAW SET	2
3	KNS – 00408 – KN 67 HBA PARALEL CLAMPING GUIDE SET RIGHT	1
4	KNS – 00684 – KN 67 HBA PARALEL CLAMPING GUIDE SET LEFT	1



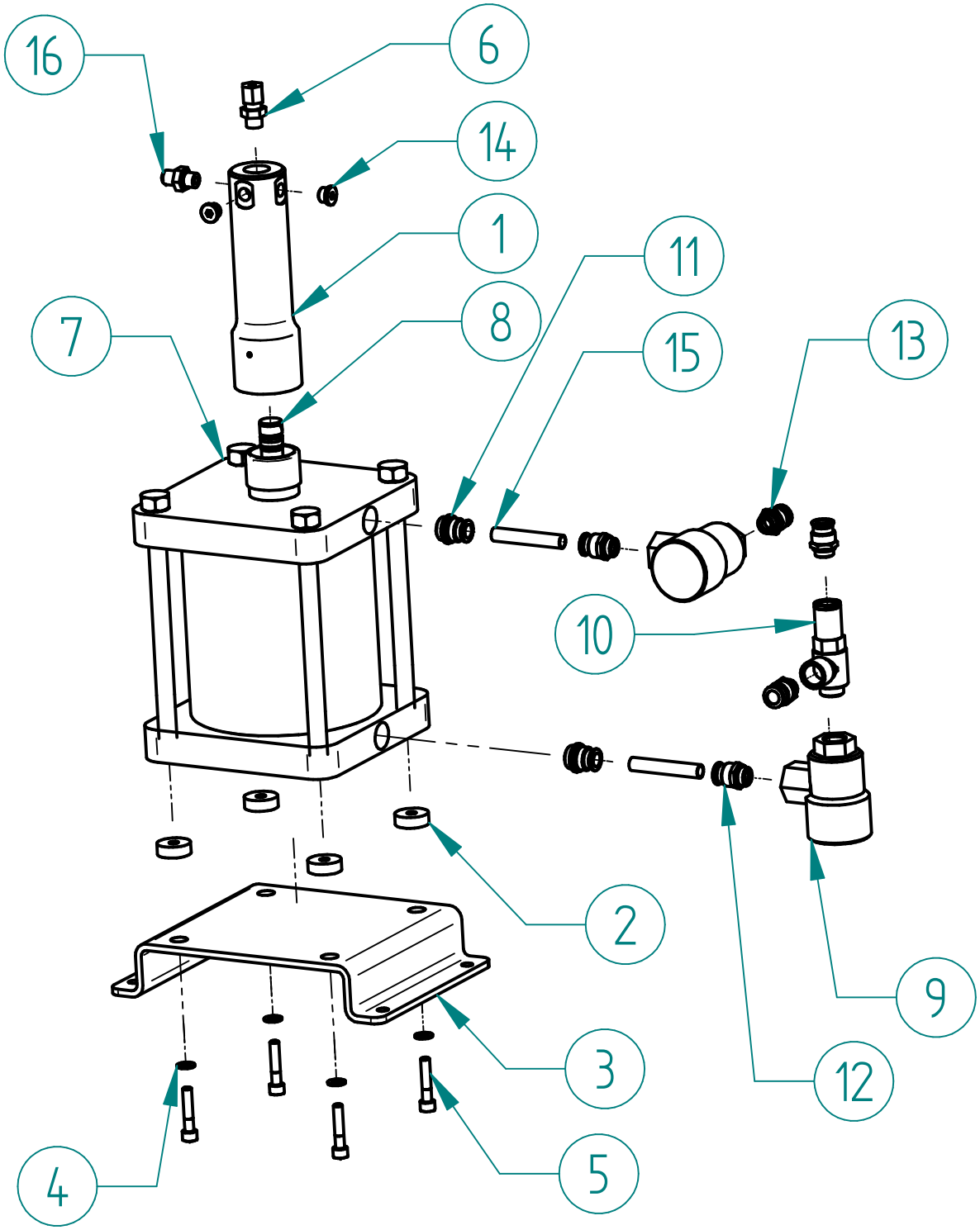
HYDRAULIC UPSETTING GROUP

Item	File Name (no extension)	Quantity
1	KNS – 00490 – KN 67-100_120 HBA MAIN PLATE RIGHT SIDE COVER	1
2	GSP – 00245 – M6x12 LENTIL HEAD BOLT	4
3	KNS – 00685 – KN 67_100_120 HBA JAW GAP SYSTEM LOWER GROUP	1
4	GSP – 00367 – M5 x 665mm TIMING BELT	1
5	KNS – 00471 – KN 67_100_120 HBA MOTORIZED JAW GAP SYSTEM PROTECTION COVER	1
6	KNS – 00055 – KN 67_100_120 HBA HP UPSETTING PISTON	1
7	KNS – 00454 – KN 67_100_120 HBA JAW GAP SYSTEM UPPER GROUP	1
8	HSP – 00038 – KN 67_100_120 HBA UPSET HYDRAULIC HOSE	1



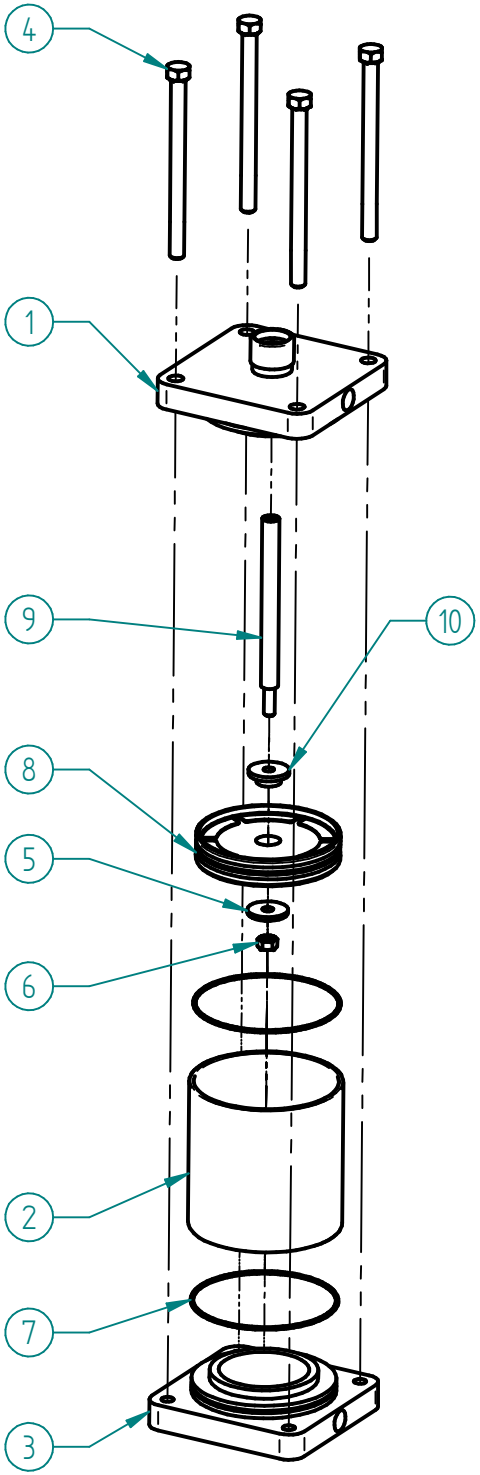


Item	File Name (no extension)	Quantity
	KNS – 00055 – KN 67_100_120 HBA HP UPSETTING PISTON	
1	KNS – 00448 – KN 67_100_120 HBA UPSET MAIN BLOCK	1
2	KNS – 00450 – KN 41_67 HBS_67_100_120 HBA UPSETTING SYSTEM SEAL GUIDE COVER	1
3	KNS – 00449 – KN 67 HBS_67_100_120 HBA UPSET MAIN SHAFT	1
4	GSP – 00515 – KASTAS-K21-16X28X6 – KN 67_100_120 HBA UPSETTING SYSTEM	1
5	GSP – 00514 – KASTAS-K21-22X32X6 – KN 67_100_120 HBA UPSETTING SYSTEM	1
6	GSP – 00523 – KASTAS-K68-26X32X9_8 – HYDRAULIC PISTON GUIDE RING	1
7	GSP – 00579 – MOLD SPRING GREEN 32X89	1
8	GSP – 00580 – KASTAS-K06-016-16X24X7_5 – DUST SEAL RING	1
9	GSP – 00015 – M5X20 IMBUS BOLT	6
10	GSP – 00444 – 81102 – TN SKF – JAW GAP AXIAL BEARING	1
11	GSP – 00052 – M10X80 IMBUS BOLT	4
12	HSP – 00146 – HYDRAULIC BLANKING PLUG 3_8	1
13	GSP – 00550 – O-RING 35X5	1
14	GSP – 00390 – PAP 1615 BUSH	1
15	GSP – 00980 – O-RING 24x3	1



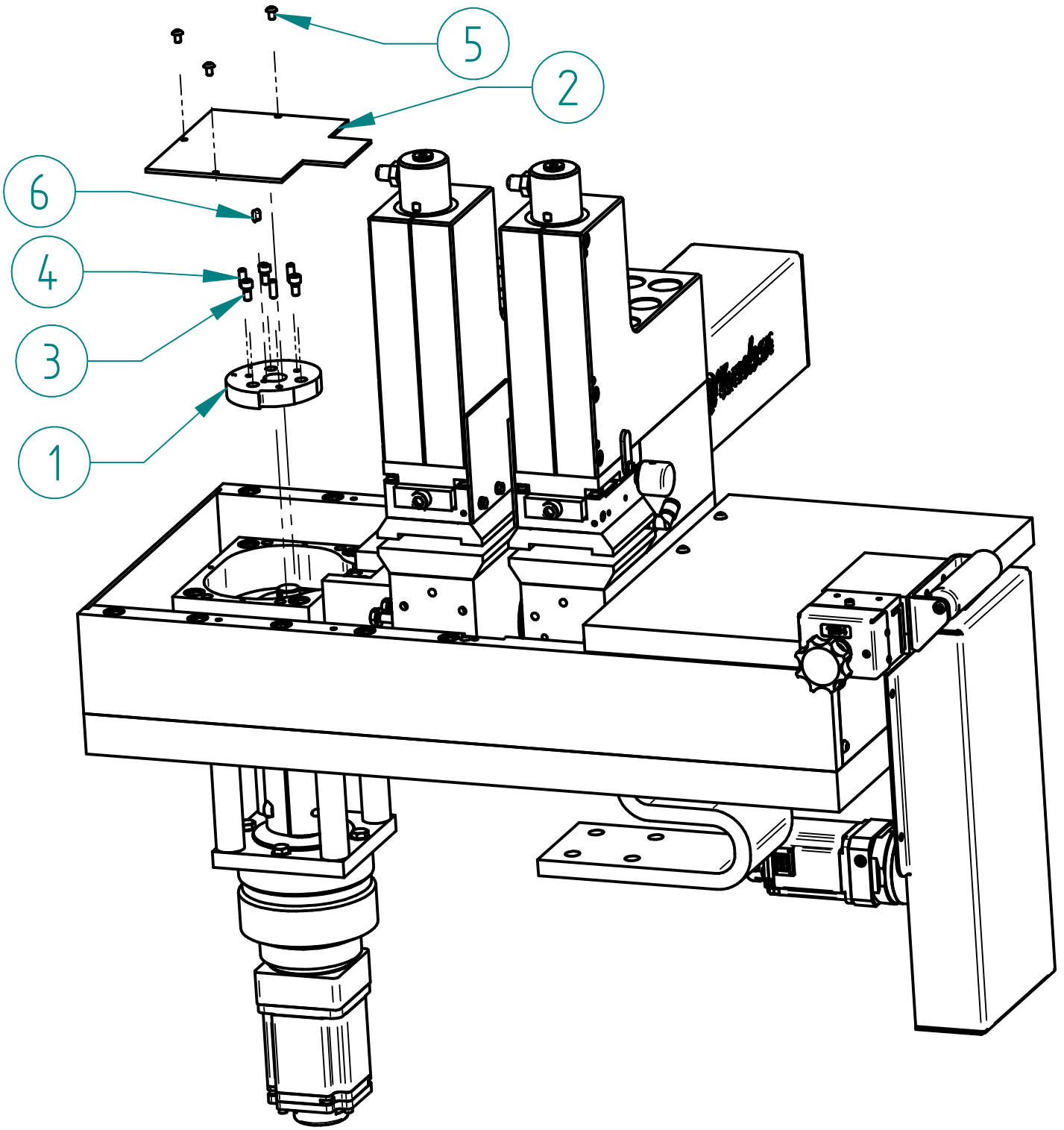
Item	File Name (no extension)	Quantity
	KN 67_100_120 HBA UPSET BOOSTER GROUP	
1	KNS – 00117 – HYDRAULIC CYLINDER FOR HBA UPSET AIR PISTON	1
2	KNS – 00293 – Q8_5-30 PLASTIC WASHER	4
3	KNS – 00133 – PISTON ASSEMBLY PLATE 5	1
4	GSP – 00275 – M8 WASHER	4
5	GSP – 00036 – M8x40 IMBUS BOLT	4
6	HSP – 00124 – FITTING DRS 3_4-20	1
7	KNS – 00291 – Q 160 AIR PISTON GROUP	1
8	KNS – 00083 – HYDRAULIC CYLINDER SEAL KIT FOR WELDER	1
9	FSP – 00041 – QUICK EXHAUST VALVE SEU-3_8	2
10	FSP – 00046 – PILOTED NON RETURN VALVE HGL-3_8-B	1
11	FSP – 00058 – FESTO PUSH-IN FITTINGS QS-1_2-12	2
12	FSP – 00060 – PUSH-IN FITTINGS QS-3_8-12	2
13	FSP – 00108 – PUSH-IN FITTINGS QS-3_8-10	3
14	HSP – 00001 – HYDRAULIC BLANKING SCREW 1_4	2
15	FSP – 00095 – PQ-AL-12X1X3000	2
16	HSP – 00002 – HYDRAULIC FITTING 1_4-10	1

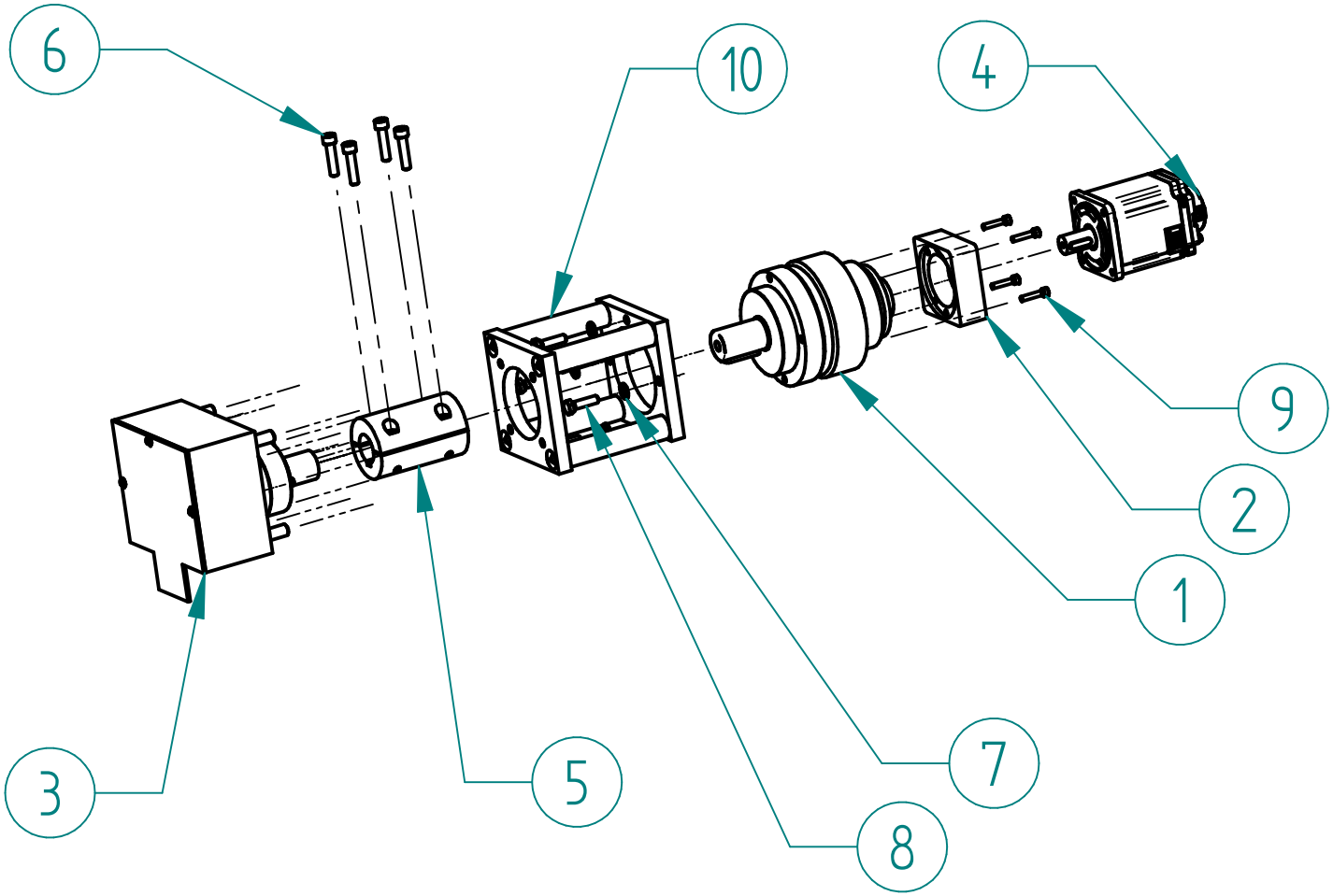
Item Number	File Name (no extension)	Quantity
	KNS – 00291 – Q 160 AIR PISTON GROUP	
1	KNS – 00283 – Q 160 AIR PISTON TOP COVER	1
2	KNS – 00285 – Q160 AIR PISTON PIPE	1
3	KNS – 00284 – Q 160 AIR PISTON BOTTOM COVER	1
4	KNS – 00286 – M16 STUD BOLT FOR Q160 AIR PISTON	4
5	KNS – 00121 – Q12_5-45-5 WASHER	2
6	GSP – 00260 – M12 NUT	2
7	GSP – 00547 – O-RING 150X3	2
8	GSP – 00537 – KASTAS-K25-160X27X31 PNEUMATIC SEAL	1
9	KNS – 00289 – WELDER AIR PISTON SHAFT	1
10	KNS – 00290 – Q 160_200 AIR PISTON SEAL BUSHING	1



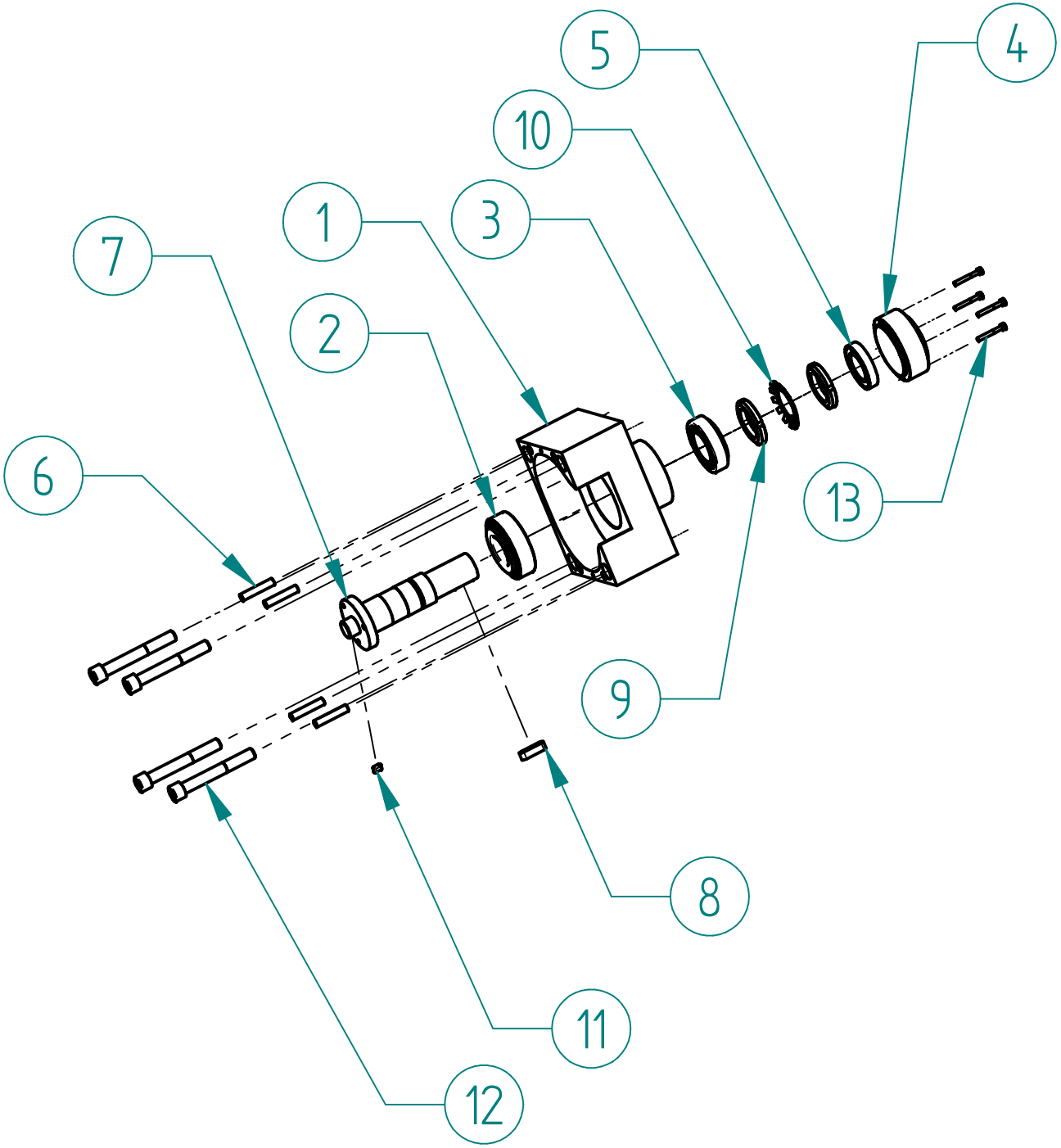
OPERATIONAL CAM AND SPINDLE GROUP

Item Number	File Name (no extension)	Quantity
1	KNS – 00024 – KN 67_100_120 HBA PLC CAM	1
2	KNS – 00438 – KN 67_100_120 HBA CAM HOUSING COVER	1
3	GSP – 00021 – M6X12 IMBUS BOLT	3
4	GSP – 00300 – M6x16 SETSCREW	3
5	GSP – 00232 – M5x8 LENTIL HEAD BOLT	3
6	GSP – 00576 – WEDGE KEY 5x5x10	1



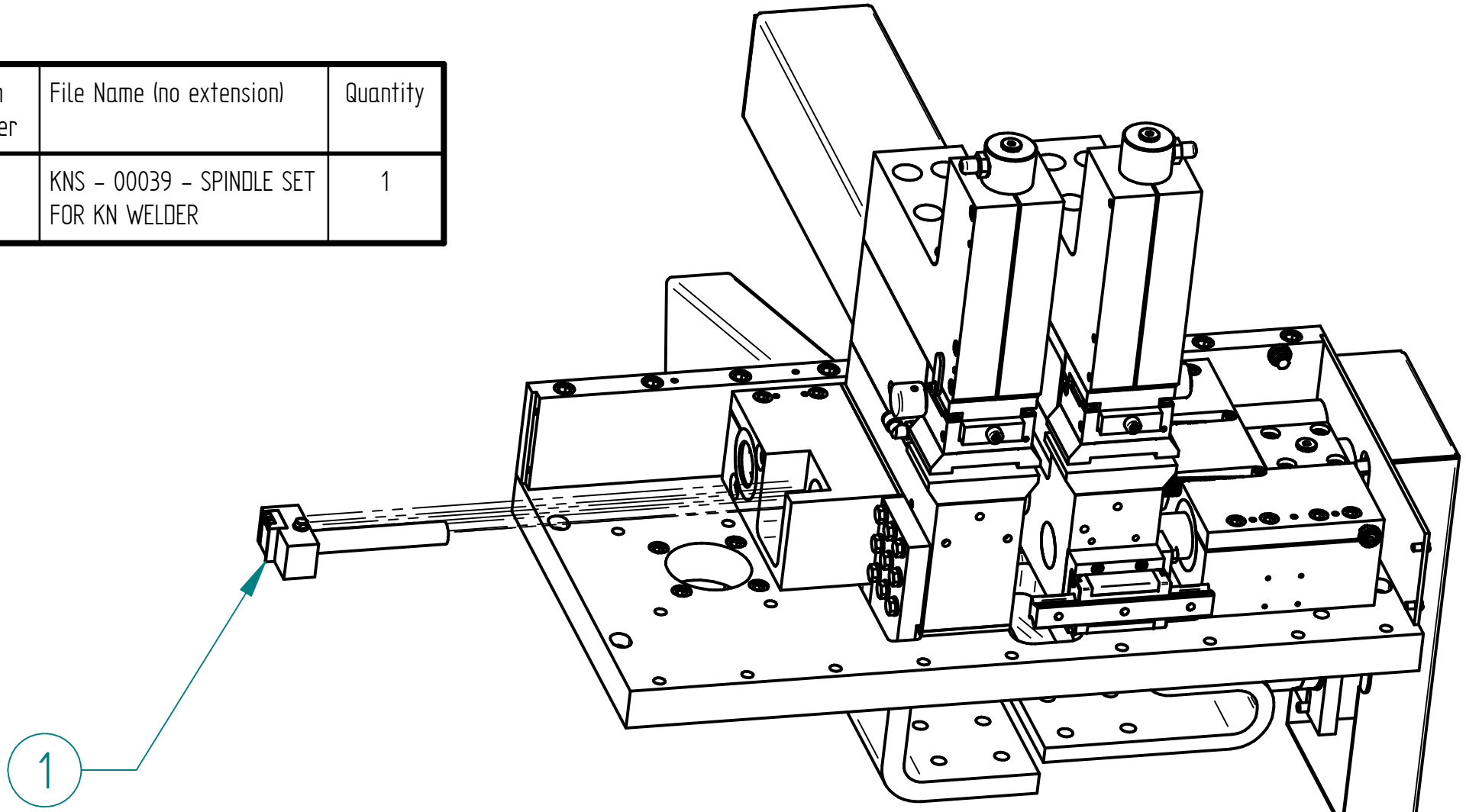


Item	File Name (no extension)	Quantity
	KN 67_100_120 HBA OPERATIONAL CAM MOTOR AND HOUSING ASSEMBLY	
1	GSP – 00652 – LIVELY CI-ST-120-080 PLANETARY GEARBOX	1
2	KNS – 00432 – KN 67_100_120 HBA LIVELY-CI-ST-120-080-70-90-M5 FLANGE	1
3	KNS – 00796 – KN 67_100_120 HBA CAM HOUSING GROUP	1
4	GSP – 00653 – 750W SERVO MOTOR OMRON	1
5	KNS – 00433 – KN 67_100_120 HBA GS28 GEARBOX COUPLING	1
6	GSP – 00038 – M8x35 IMBUS BOLT	4
7	GSP – 00275 – M8 WASHER	4
8	GSP – 00141 – M8X30 HEXAGON BOLT	4
9	GSP – 00016 – M5X25 IMBUS BOLT	4
10	KNS – 00786 – KN 67_100_120 HBA WELDED GEARBOX FLANGE	1

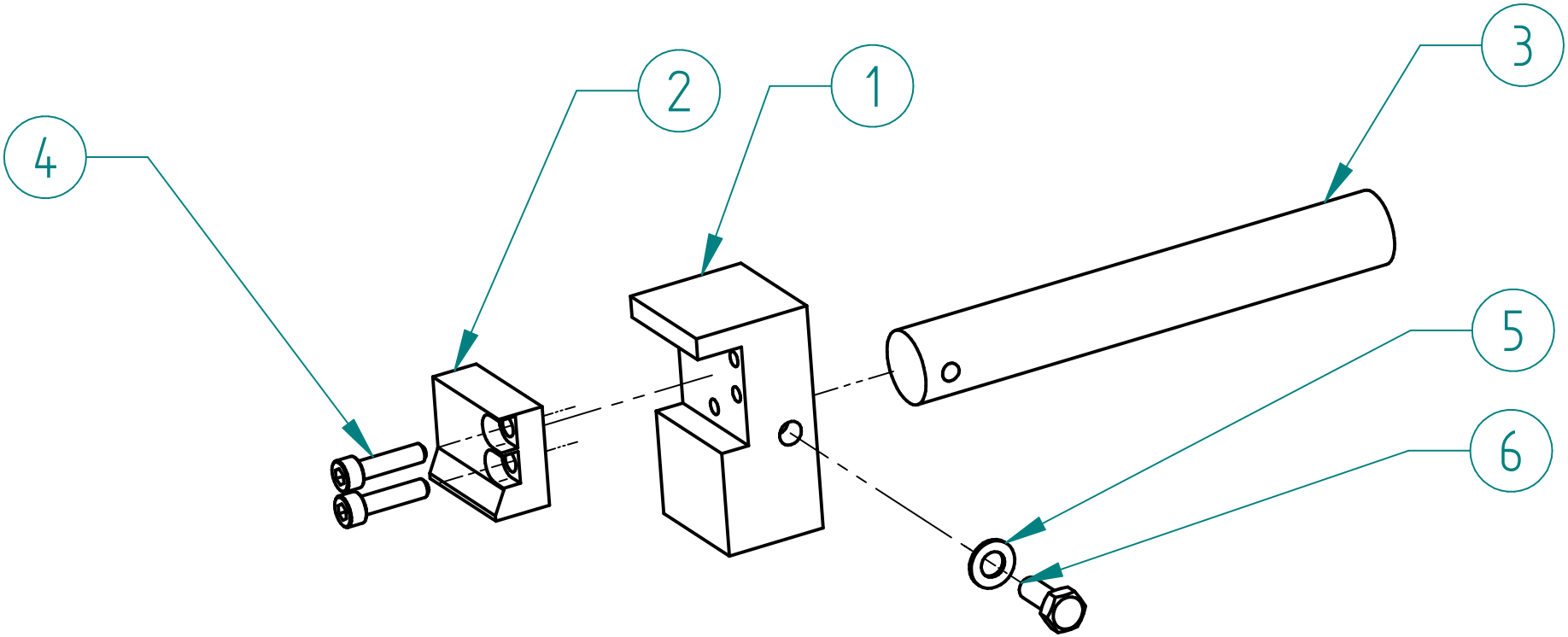


Item	File Name (no extension)	Quantity
	KNS – 00796 – KN 67_100_120 HBA CAM HOUSING GROUP	
1	KNS – 00437 – KN 67_100_120 HBA CAM HOUSING	1
2	GSP – 00439 – 32207 SKF BEARING – KN 67_100_120 HBA CAM BLOCK BEARING	1
3	GSP – 00440 – 32007 SKF BEARING – KN 67_100_120 HBA CAM BLOCK BEARING	1
4	KNS – 00441 – KN 67_100_120 HBA CAM HOUSING SEAL GUIDE COVER	1
5	GSP – 00513 – 30X52X10 HYDRAULIC SEAL – KN 67_100_120 HBA CAM SHAFT	1
6	GSP – 00314 – M8x40 SETSCREW	4
7	KNS – 00439 – KN 67_100_120 HBA CAM SHAFT	1
8	GSP – 00577 – KEY 8x8x30	1
9	GSP – 00500 – KM-7 LOCK NUT	2
10	GSP – 00350 – MB-7 LOCKWASHER	1
11	GSP – 00355 – 5X5X10 KEY	1
12	GSP – 00070 – M12x90 IMBUS BOLT	4
13	GSP – 00010 – M4x30 IMBUS BOLT	4

Item Number	File Name (no extension)	Quantity
1	KNS – 00039 – SPINDLE SET FOR KN WELDER	1

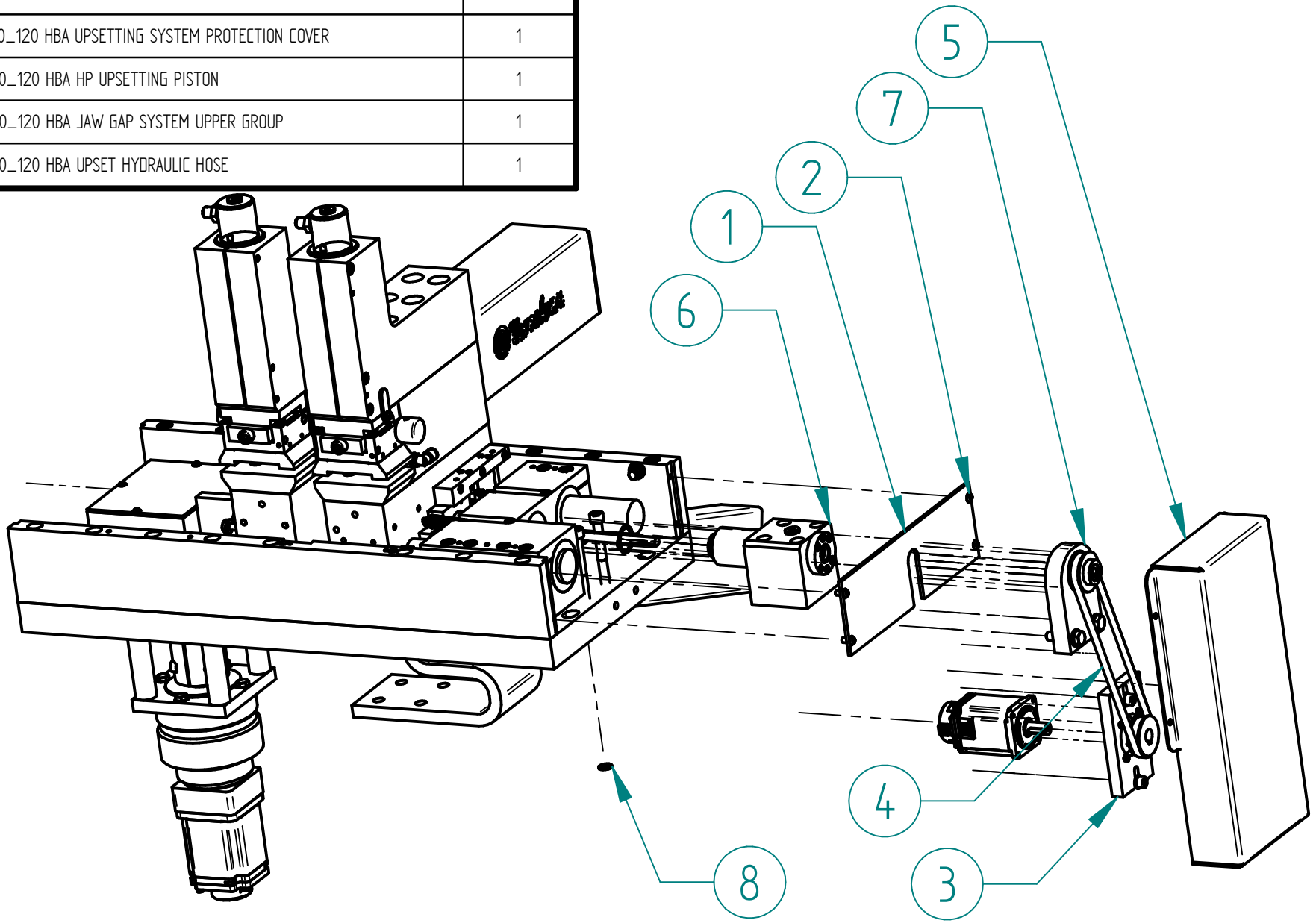


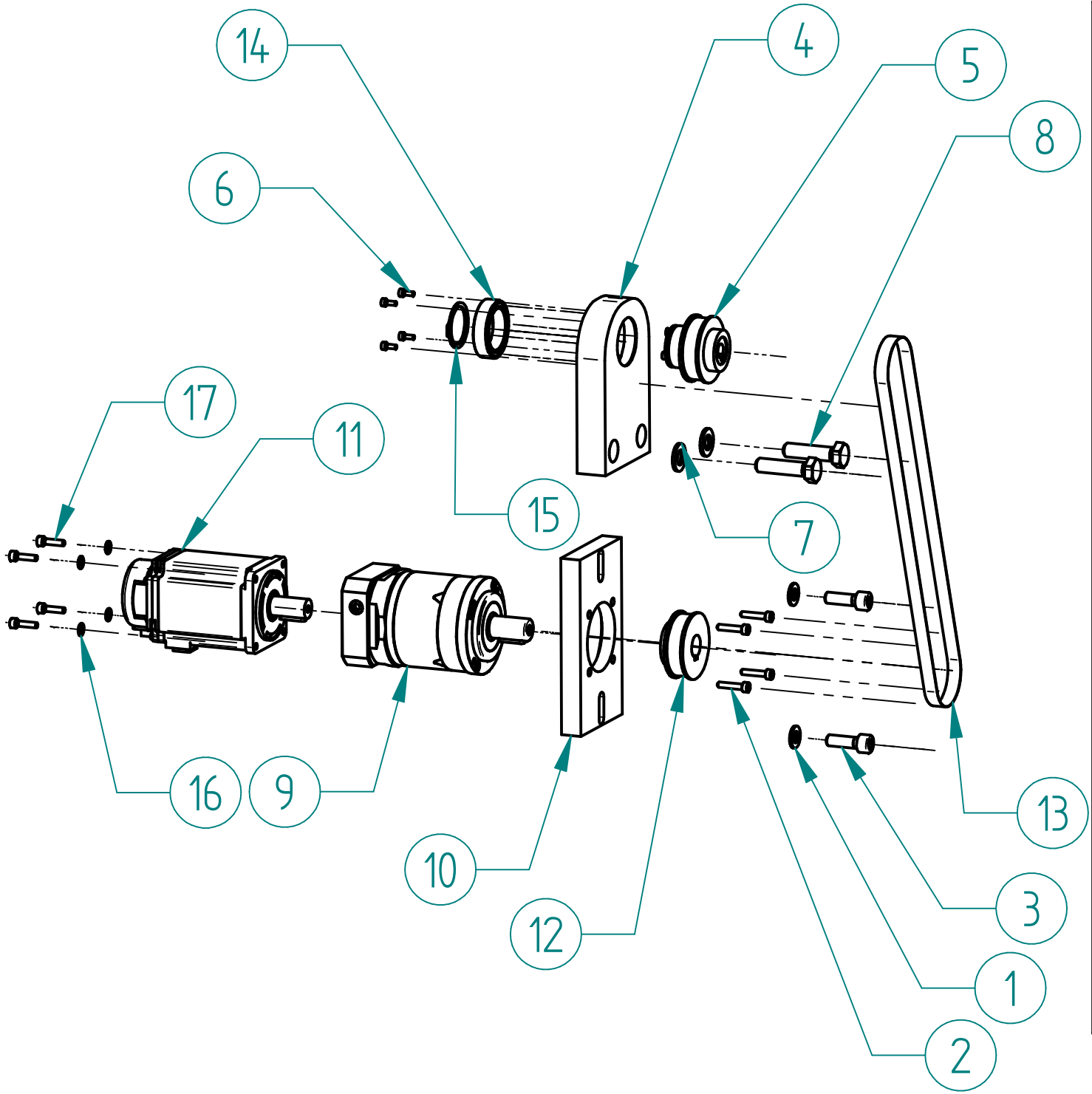
Item Number	File Name (no extension)	Quantity
	KNS – 00039 – SPINDLE SET FOR KN WELDER	
1	KNS – 00203 – SPINDLE BASE PART	1
2	KNS – 00040 – SPINDLE HEAD FOR KN WELDER	1
3	KNS – 00204 – SPINDLE CHROME SHAFT	1
4	GSP – 00015 – M5X20 IMBUS BOLT	2
5	GSP – 00274 – M6 WASHER	1
6	GSP – 00124 – M6X15 HEXAGON BOLT	1



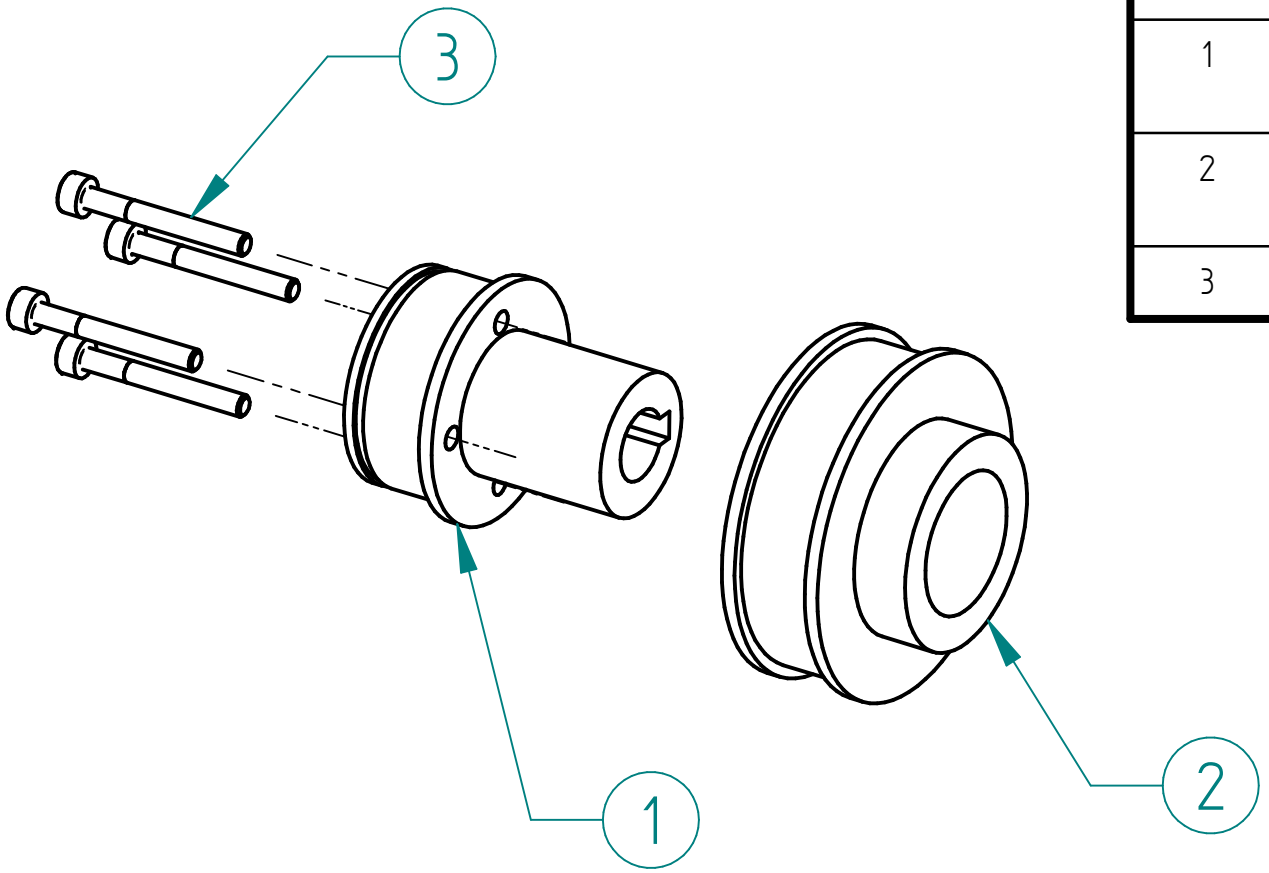
MOTORIZED STOPPER SYSTEM GROUP

Item	File Name (no extension)	Quantity
1	KNS – 00490 – KN 67 HBA BEARING HOUSING RIGHT SIDE PLATE	1
2	GSP – 00245 – M6x12 LENTIL HEAD BOLT	4
3	KNS – 00685 – KN 67_100_120 HBA JAW GAP SYSTEM LOWER GROUP	1
4	GSP – 00367 – M5 x 665mm TIMING BELT	1
5	KNS – 00471 – KN 67_100_120 HBA UPSETTING SYSTEM PROTECTION COVER	1
6	KNS – 00055 – KN 67_100_120 HBA HP UPSETTING PISTON	1
7	KNS – 00454 – KN 67_100_120 HBA JAW GAP SYSTEM UPPER GROUP	1
8	HSP – 00038 – KN 67_100_120 HBA UPSET HYDRAULIC HOSE	1

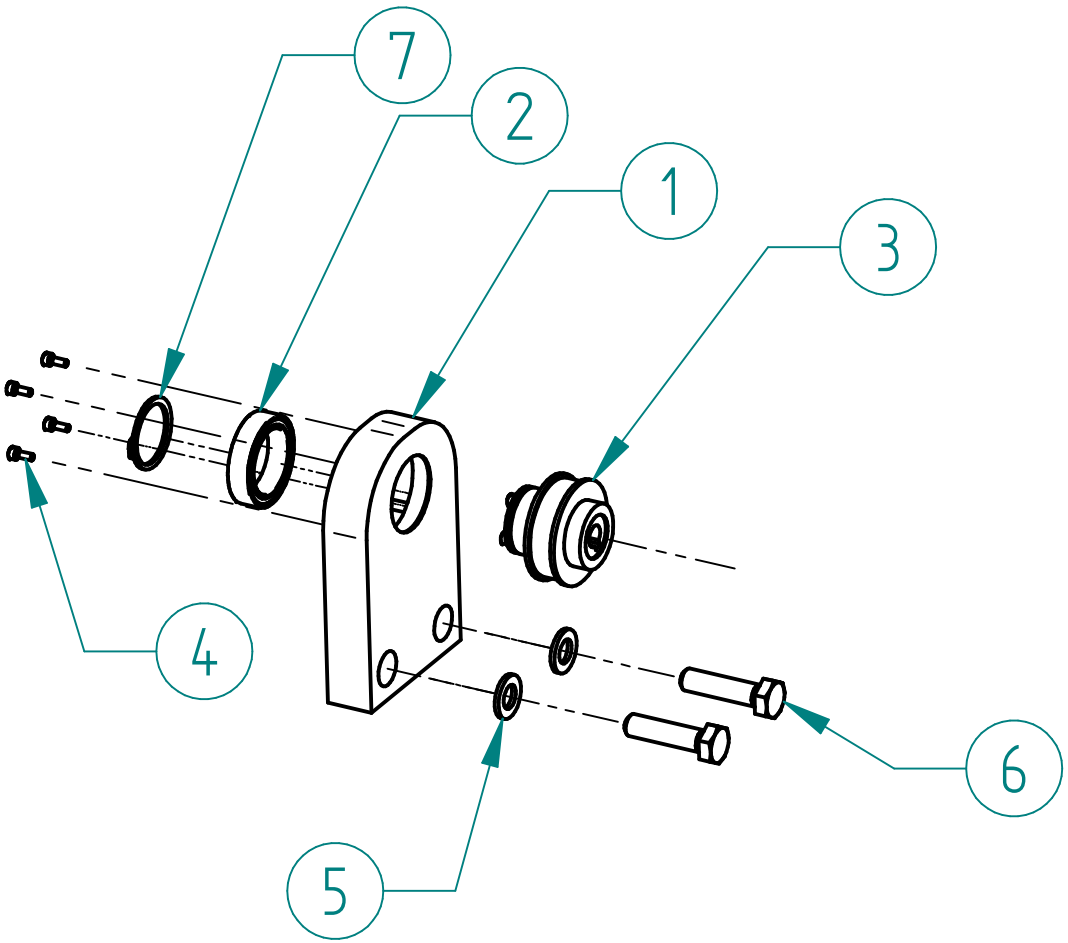




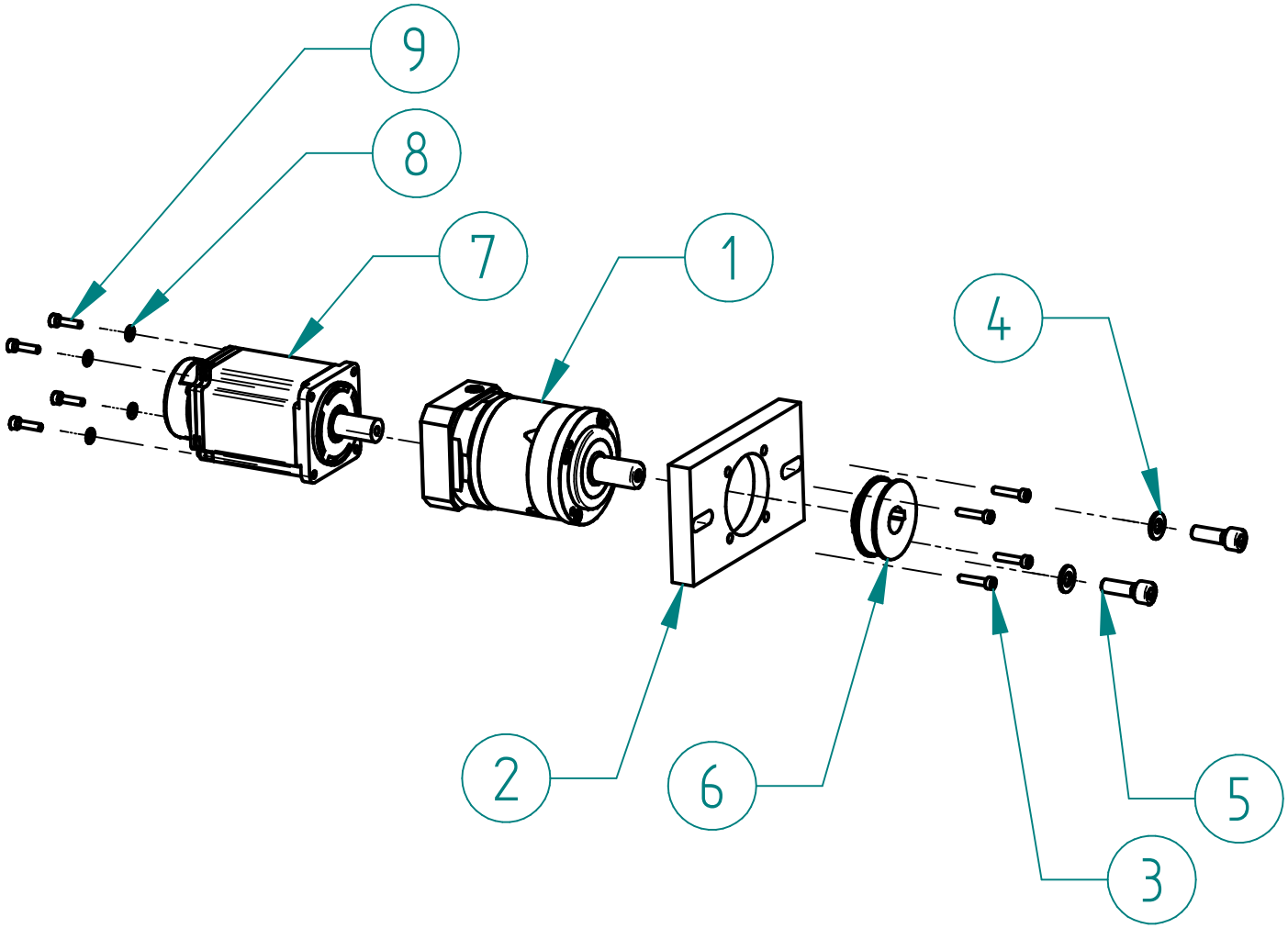
Item	File Name (no extension)	Quantity
1	GSP – 00275 – M8 WASHER	2
2	GSP – 00008 – M4x20 IMBUS BOLT	4
3	GSP – 00033 – M8x25 IMBUS BOLT	2
4	KNS – 00453 – KN 67_100_120 HBA JAW GAP SYSTEM UPPER PULLEY HOUSING	1
5	KNS – 00199 – KN 67_100_120 HBA JAW GAP UPPER PULLEY AND SHAFT GROUP	1
6	GSP – 00002 – M3X8 IMBUS BOLT	4
7	GSP – 00276 – M10 WASHER	2
8	GSP – 00157 – M10x40 HEXAGON BOLT	2
9	GSP – 00638 – LIMING FE70-7-19 PLANETARY GEARBOX	1
10	KNS – 00458 – KN 67_100_120 HBA JAW GAP SYSTEM SERVO ASSEMBLY LIM	1
11	GSP – 00565 – 400W SERVO MOTOR OMRON	1
12	KNS – 00457 – KN 67_100_120 HBA JAW GAP SYSTEM LOWER PULLEY	1
13	GSP – 00367 – M5 x 665mm TIMING BELT	1
14	GSP – 00442 – 3806 – 2RS SKF – KN 41_54_100 PLC PULLEY BEARING	1
15	GSP – 00396 – SNAP RING 29X1_5	1
16	GSP – 00272 – M4 WASHER	4
17	GSP – 00007 – M4X16 IMBUS BOLT	4



Item	File Name (no extension)	Quantity
	KNS – 00199 – KN 67_100_120 HBA JAW GAP UPPER PULLEY AND SHAFT GROUP	
1	KNS – 00452 – KN 67_100_120 HBA JAW GAP SYSTEM UPPER PULLEY SHAFT	1
2	KNS – 00218 – KN HBA_C JAW GAP UPPER PULLEY	1
3	GSP – 00004 – M3X25 IMBUS BOLT	4

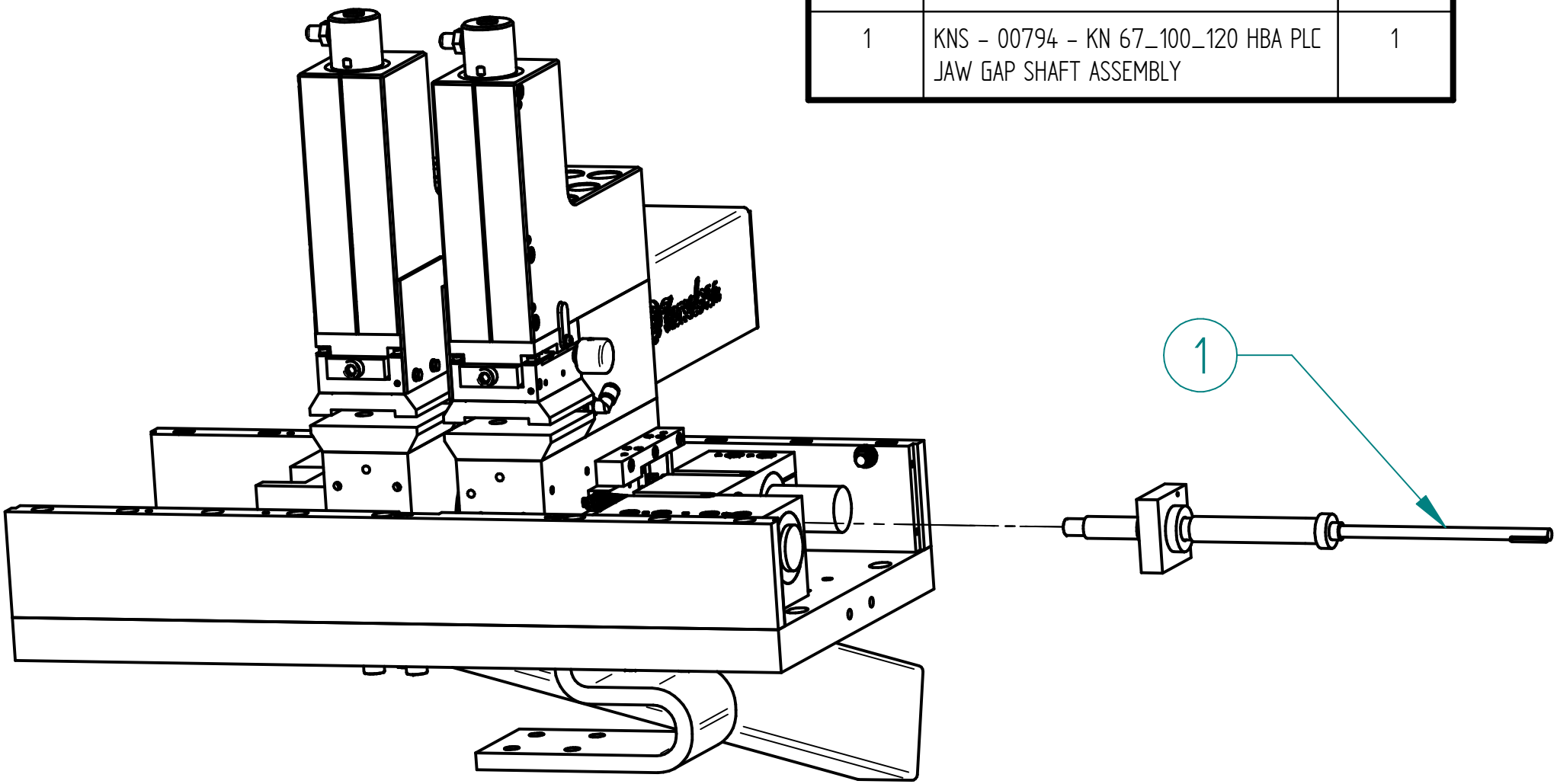


Item Number	File Name (no extension)	Quantity
	KNS – 00454 – KN 67_100_120 HBA JAW GAP SYSTEM UPPER GROUP	
1	KNS – 00453 – KN 67_100_120 HBA JAW GAP SYSTEM UPPER PULLEY HOUSING	1
2	GSP – 00442 – 3806 – 2RS SKF – KN 41_54_100 PLC PULLEY BEARING	1
3	KNS – 00199 – KN 67_100_120 HBA JAW GAP UPPER PULLEY AND SHAFT GROUP	1
4	GSP – 00002 – M3X8 IMBUS BOLT	4
5	GSP – 00276 – M10 WASHER	2
6	GSP – 00157 – M10x40 HEXAGON BOLT	2
7	GSP – 00396 – SNAP RING 29X1_5	1

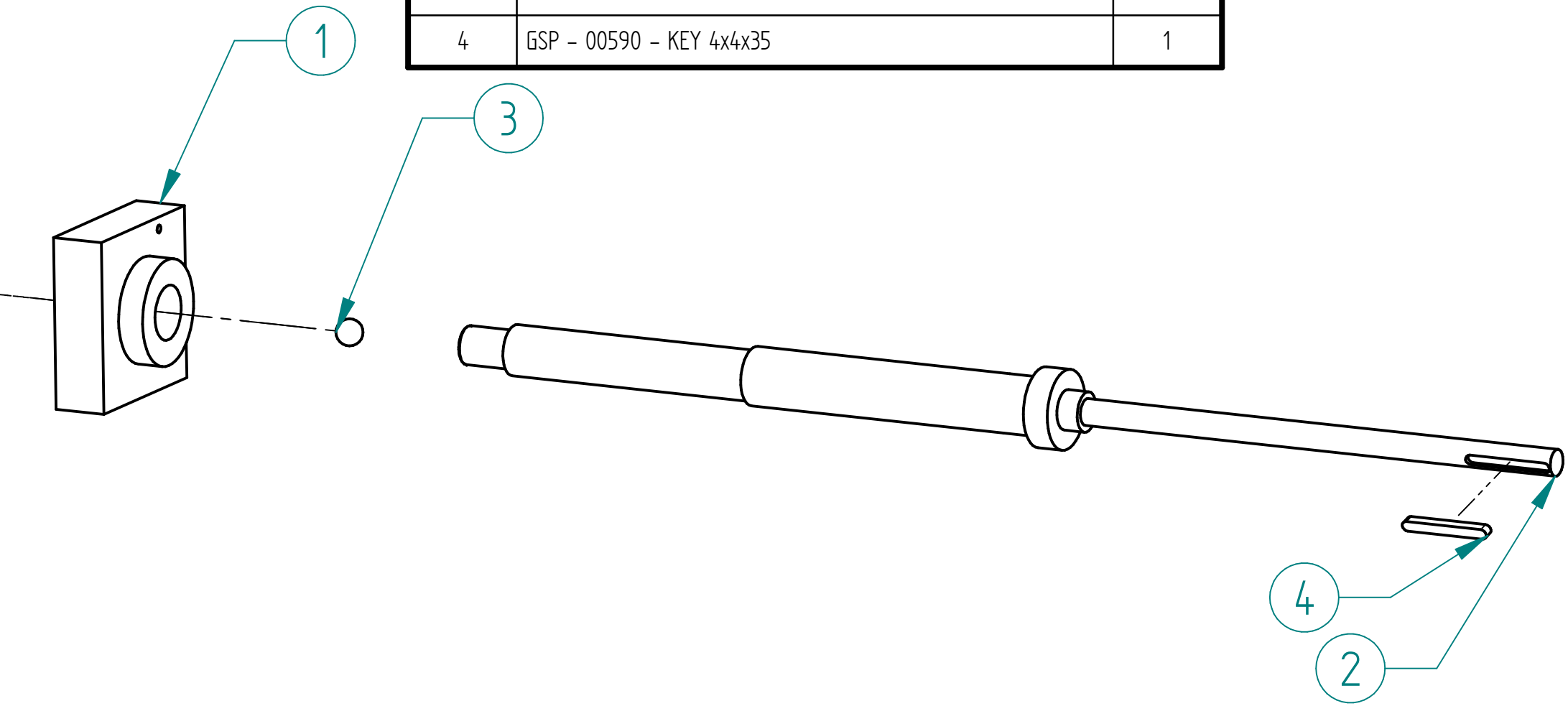


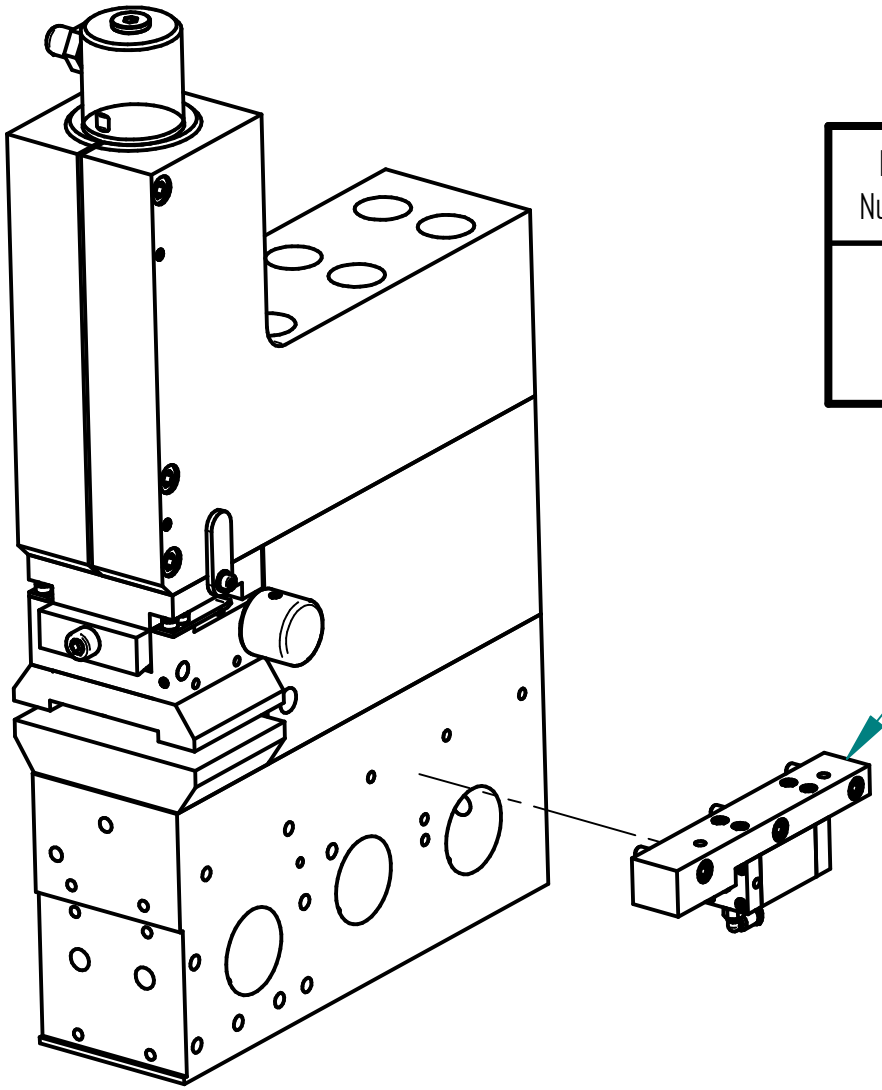
Item Number	File Name (no extension)	Quantity
	KNS – 00685 – KN 67_100_120 HBA JAW GAP SYSTEM LOWER GROUP	
1	GSP – 00638 – LIMING FE70-7-19 PLANETARY GEARBOX	1
2	KNS – 00458 – KN 67_100_120 HBA JAW GAP SYSTEM SERVO ASSEMBLY LIM	1
3	GSP – 00008 – M4x20 IMBUS BOLT	4
4	GSP – 00275 – M8 WASHER	2
5	GSP – 00033 – M8x25 IMBUS BOLT	2
6	KNS – 00457 – KN 67_100_120 HBA JAW GAP SYSTEM LOWER PULLEY	1
7	GSP – 00565 – 400W SERVO MOTOR OMRON	1
8	GSP – 00272 – M4 WASHER	4
9	GSP – 00007 – M4X16 IMBUS BOLT	4

Item	File Name (no extension)	Quantity
	KN 100 HBA PLC	
1	KNS – 00794 – KN 67_100_120 HBA PLC JAW GAP SHAFT ASSEMBLY	1

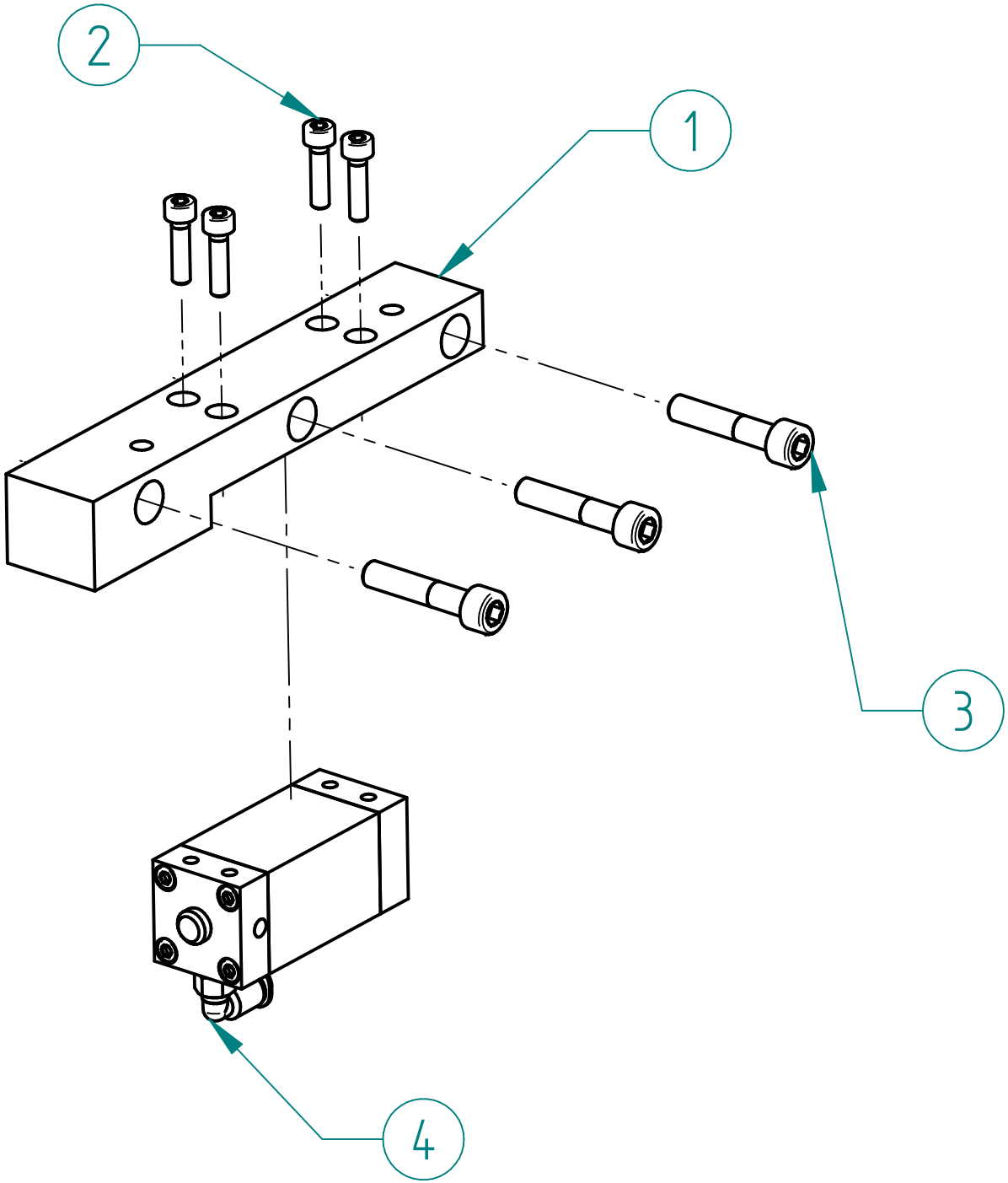


Item Number	File Name (no extension)	Quantity
	KNS – 00794 – KN 67_100_120 HBA PLC JAW GAP SHAFT ASSEMBLY	
1	KNS – 00502 – KN 67_100_120 HBA PLC JAW GAP NUT	1
2	KNS – 00047 – KN 67_100_120 HBA HP UPSET JAW GAP SHAFT	1
3	GSP – 00379 – Q10 STEEL BALL	1
4	GSP – 00590 – KEY 4x4x35	1

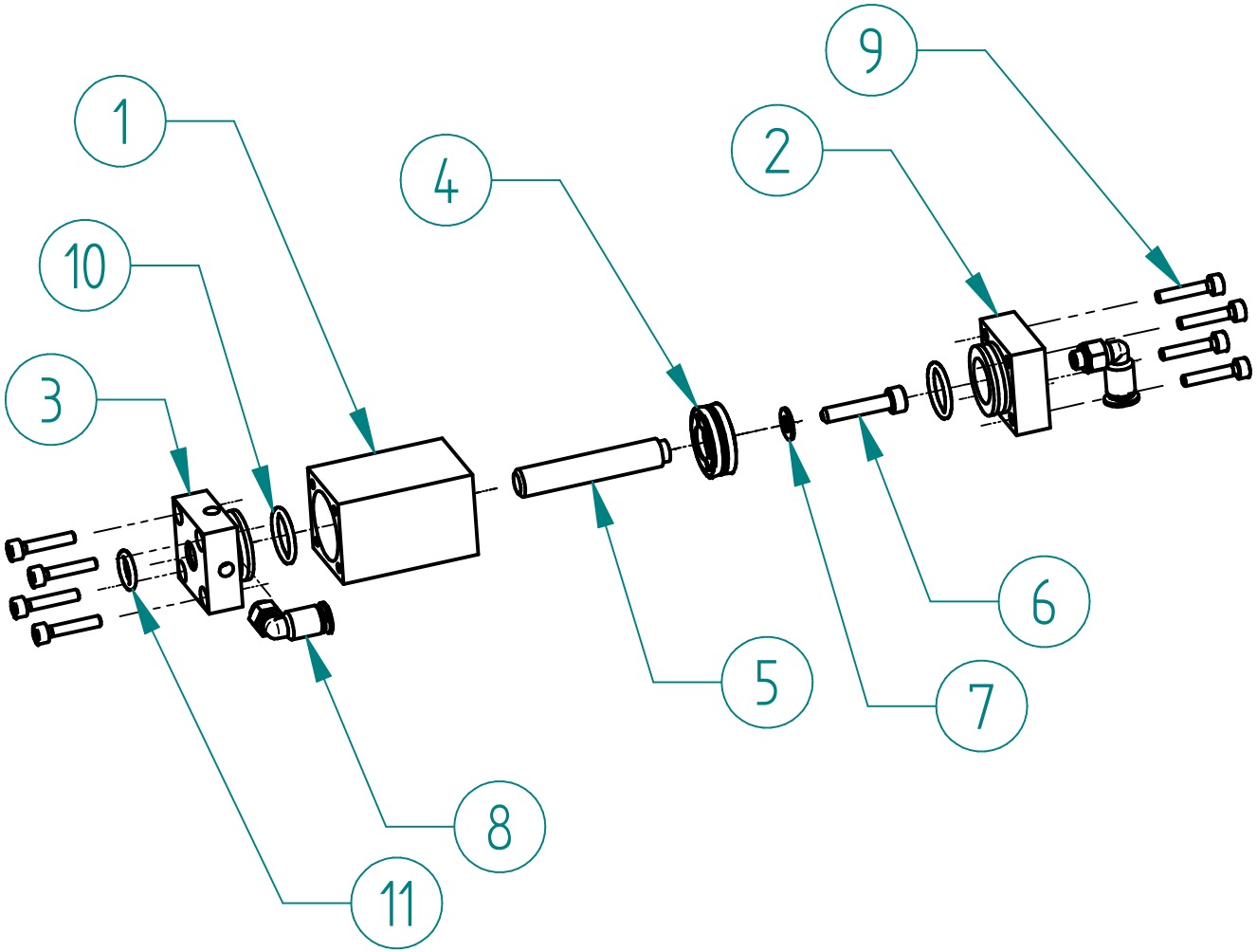




Item Number	File Name (no extension)	Quantity
1	KNS – 00456 – KN 67_100_120 HBA LOCKING PISTON GROUP	1

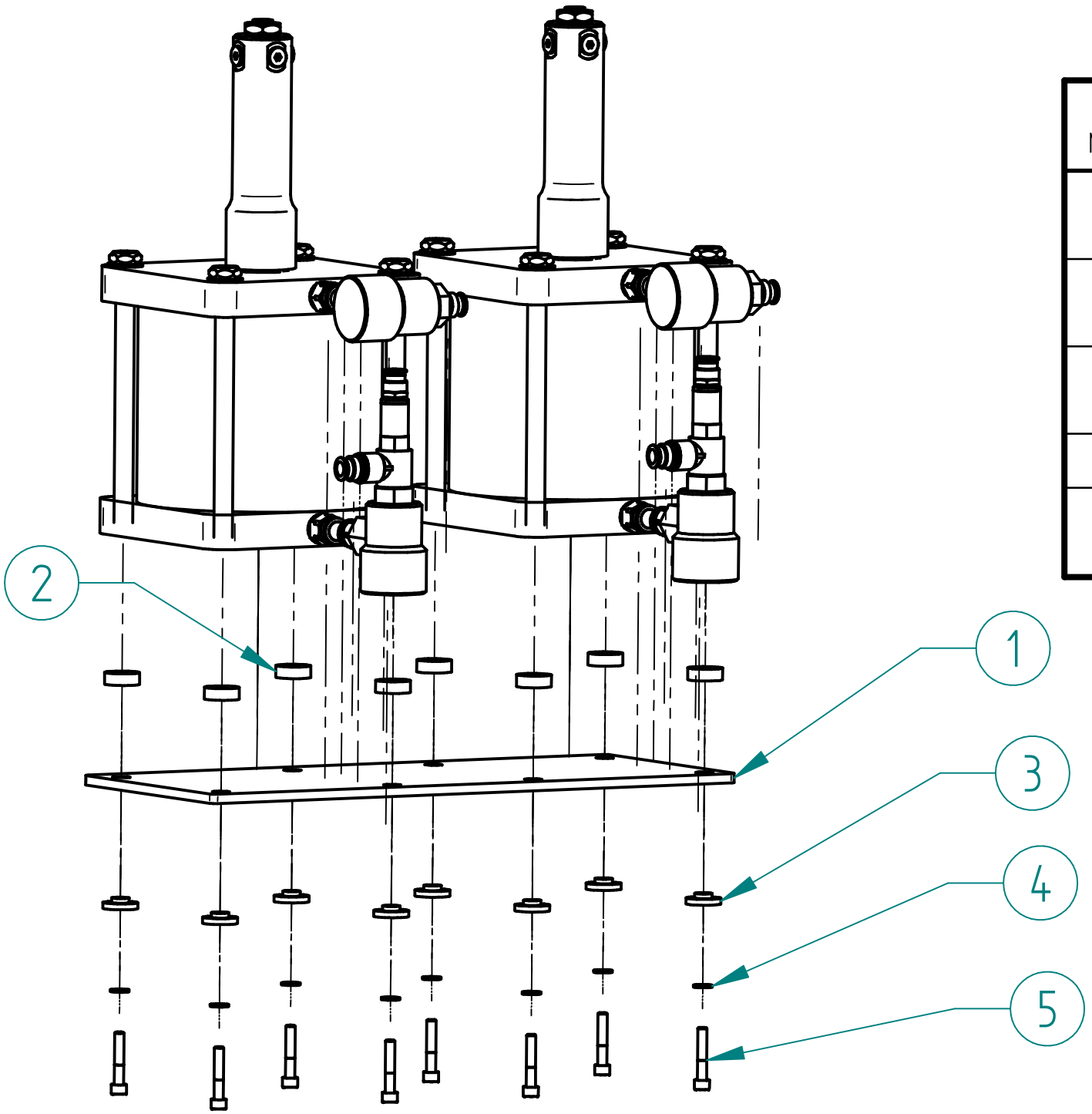


Item Number	File Name (no extension)	Quantity
	KNS – 00456 – KN 67_100_120 HBA LOCKING PISTON GROUP	
1	KNS – 00425 – KN 67_100_120 HBA RIGHT SIDE GROUP LOCKING PISTON ASSEMBLY PART	1
2	GSP – 00007 – M4X16 IMBUS BOLT	4
3	GSP – 00025 – M6x30 IMBUS BOLT	3
4	KNS – 00116 – LOCKING PISTON	1

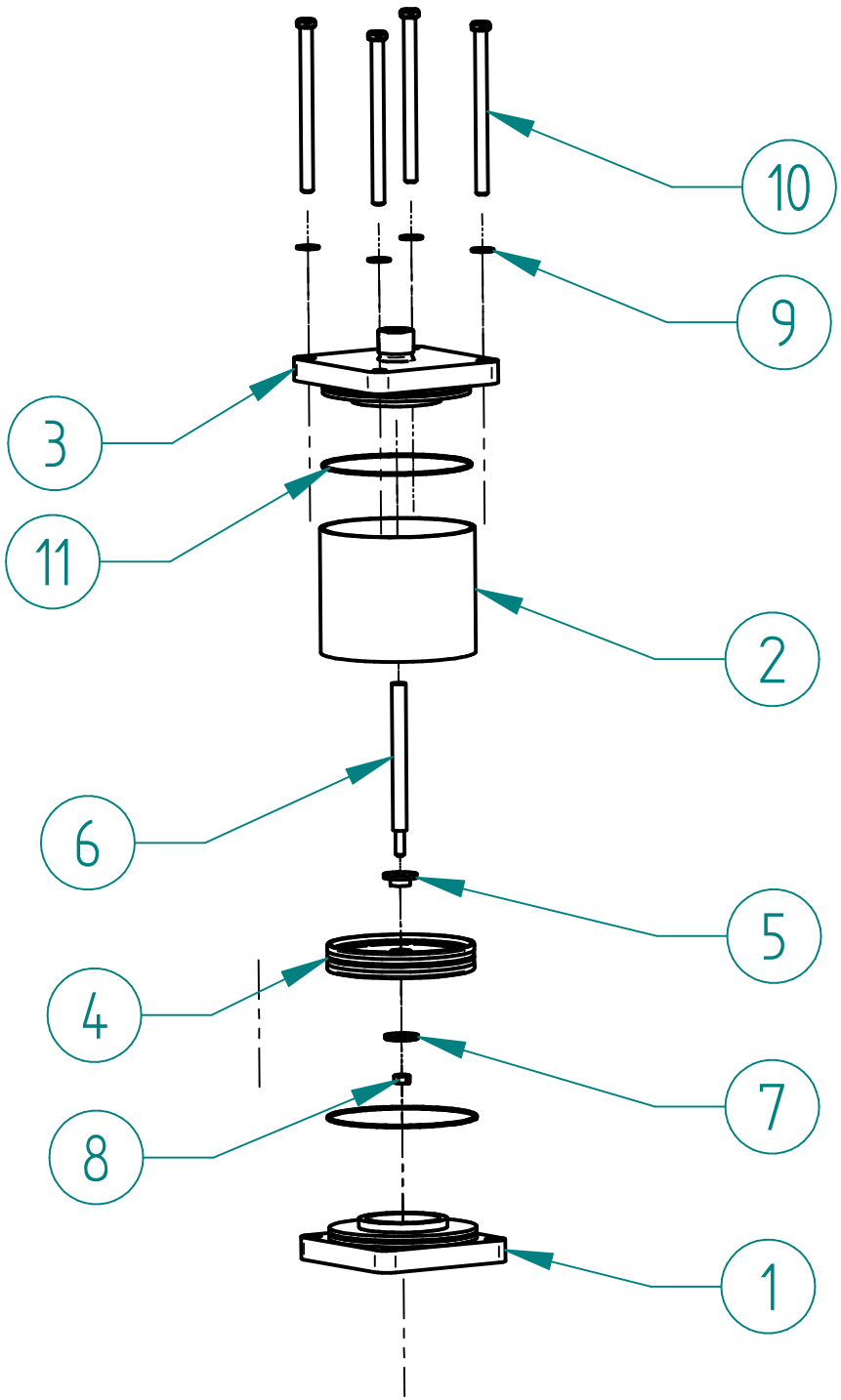


Item Number	File Name (no extension)	Quantity
	KNS – 00116 – LOCKING PISTON	
1	KNS – 00421 – LOCKING PISTON CYLINDER	1
2	KNS – 00419 – LOCKING PISTON BACK COVER	1
3	KNS – 00420 LOCKING PISTON FRONT COVER	1
4	GSP – 00538 – KASTAS-K57-20x6x7_5 PNEUMATIC SEAL	1
5	KNS – 00422 – LOCKING PISTON SHAFT	1
6	GSP – 00008 – M4x20 IMBUS BOLT	1
7	GSP – 00272 – M4 WASHER	1
8	FSP – 00097 – PUSH-IN L FITTINGS QSML-M5-4	2
9	GSP – 00003 – M3X16 IMBUS BOLT	8
10	GSP – 00960 – O-RING 14x2	2
11	GSP – 00961 – O-RING 8x2	1

BOOSTER GROUP

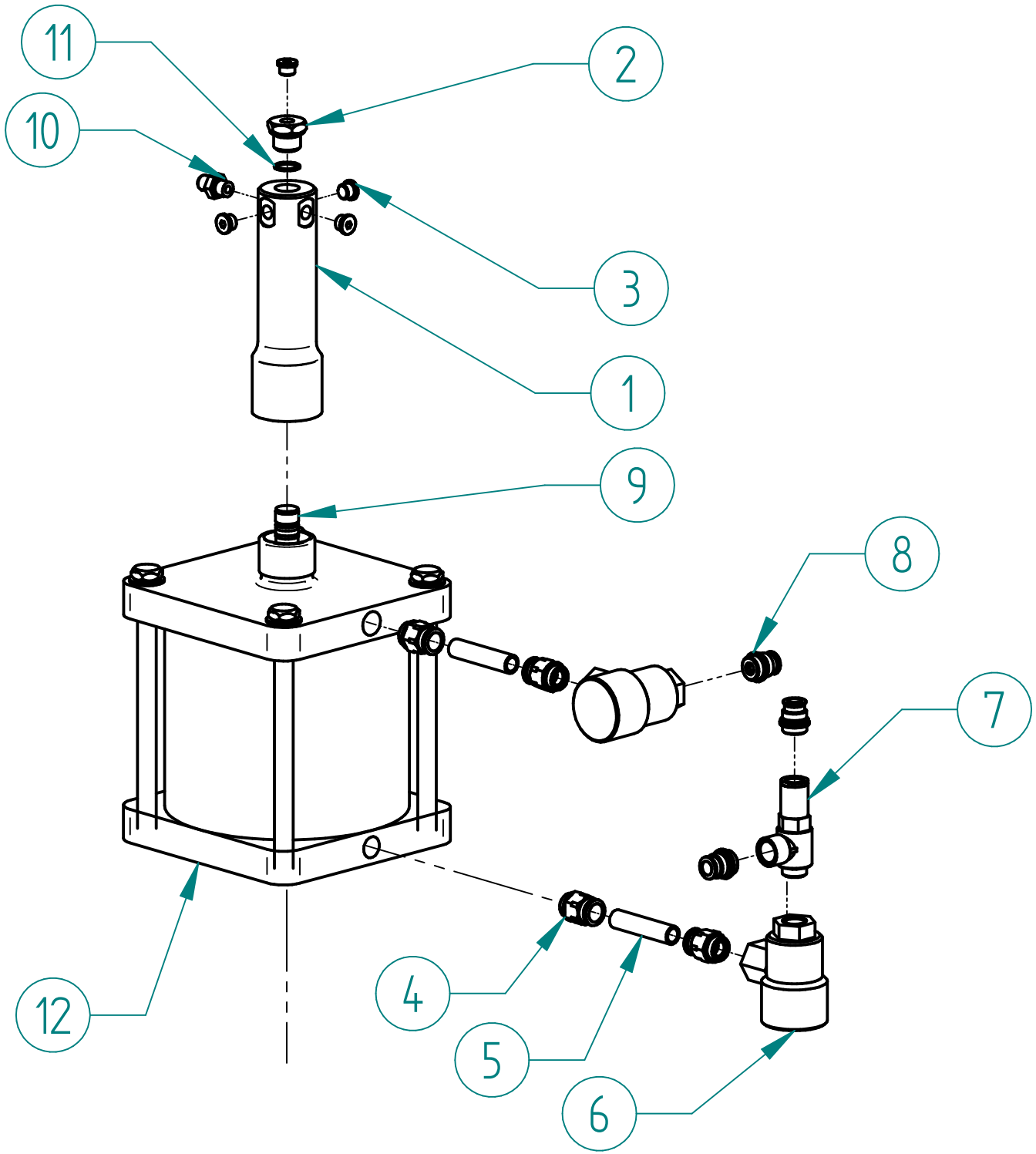


Item Number	File Name (no extension)	Quantity
1	KNS – 00469 – PISTON ASSEMBLY PLATE 2	1
2	KNS – 00293 – Q8_5-30 PLASTIC WASHER	8
3	KNS – 00468 – Q8_5-15 PLASTIC WASHER	8
4	GSP – 00275 – M8 WASHER	8
5	GSP – 00037 – M8X45 IMBUS BOLT	8

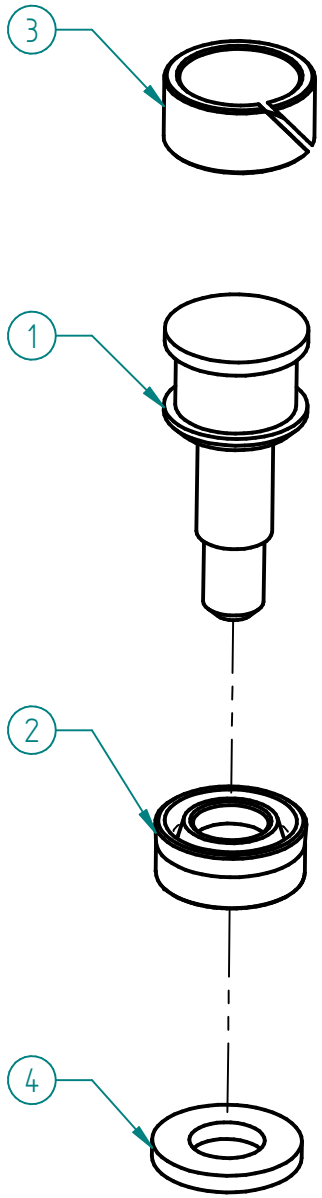


Item Number	File Name (no extension)	Quantity
	KNS – 00686 – Q 200 AIR PISTON GROUP	
1	KNS – 00462 – Q200 AIR PISTON BOTTOM COVER	1
2	KNS – 00461 – Q200 AIR PISTON PIPE	1
3	KNS – 00460 – Q200 AIR PISTON TOP COVER	1
4	GSP – 00539 – KASTAS-K25-200x27x35 PNEUMATIC SEAL	1
5	KNS – 00290 – Q 160_200 AIR PISTON SEAL BUSHING	1
6	KNS – 00289 – WELDER AIR PISTON SHAFT	1
7	KNS – 00121 – Q12_5-45-5 WASHER	1
8	GSP – 00260 – M12 NUT	1
9	GSP – 00581 – M16 WASHER	4
10	KNS – 00463 – M16 STUD HEXAGON BOLT FOR Q200 AIR PISTON	4
11	GSP – 00551 – O-RING 190X3	2

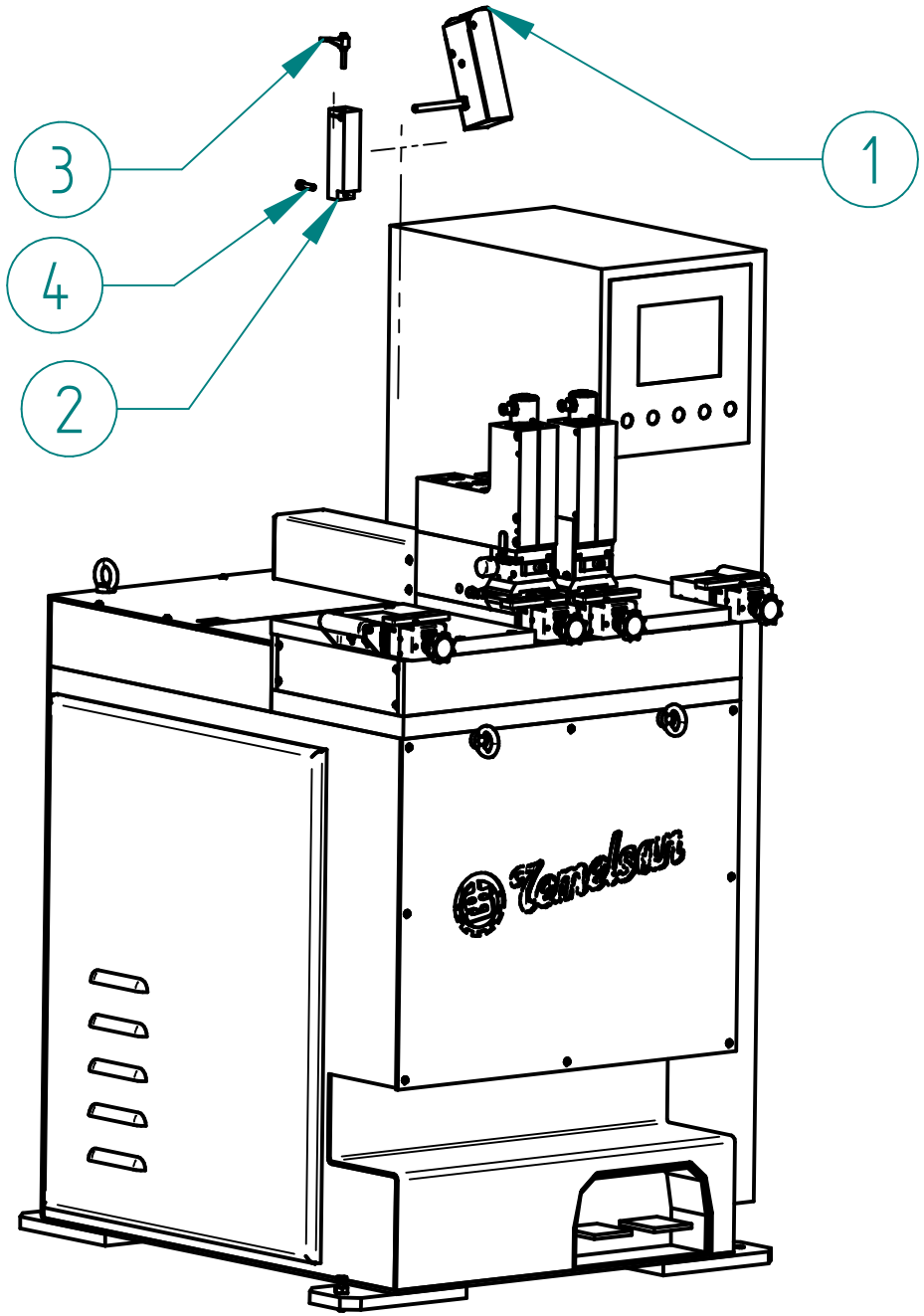
Item Number	File Name (no extension)	Quantity
1	KNS – 00081 – HYDRAULIC CYLINDER FOR WELDER	1
2	KNS – 00085 – HYDRAULIC SYLINDER CHECK VALVE	1
3	HSP – 00001 – HYDRAULIC BLANKING SCREW 1_4	4
4	FSP – 00059 – PUSH-IN FITTINGS QS-G1_2-16	4
5	FSP – 00094 – PQ-AL-16X1X3000	2
6	FSP – 00040 – QUICK EXHAUST VALVE SEU-1_2_1	2
7	FSP – 00045 – PILOTED NON RETURN VALVE HGL-1_2-B	1
8	FSP – 00058 – FESTO PUSH-IN FITTINGS QS-1_2-12	3
9	KNS – 00083 – HYDRAULIC CYLINDER SEAL KIT FOR WELDER	1
10	HSP – 00002 – HYDRAULIC FITTING 1_4-10	1
11	GSP – 00834 – O-RING 19x2	1
12	KNS – 00686 – Q200 AIR PISTON GROUP	1



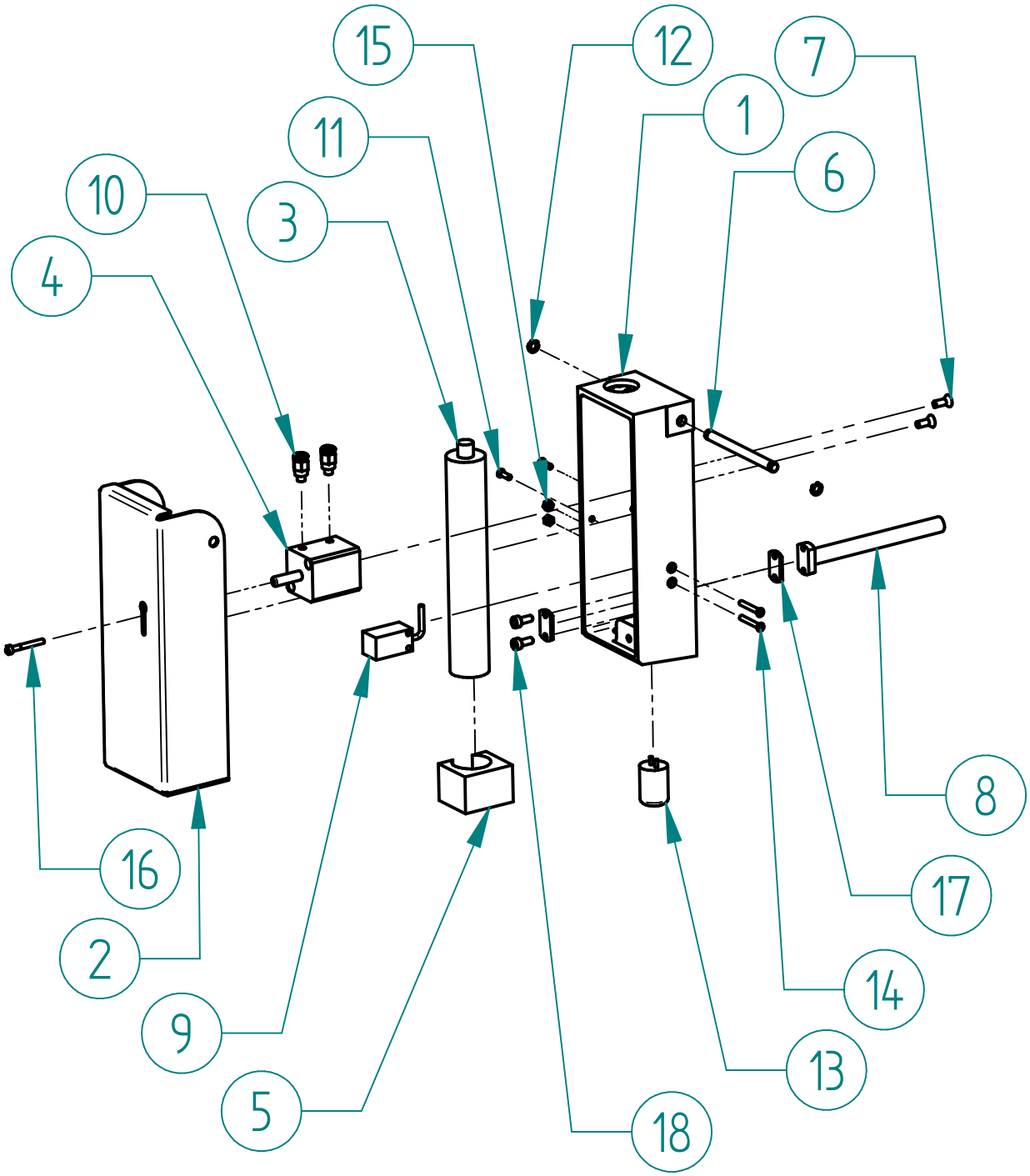
Item Number	File Name (no extension)	Quantity
	KNS – 00083 – HYDRAULIC CYLINDER SEAL KIT FOR WELDER	
1	KNS – 00288 – BOOSTER SEAL SHAFT	1
2	GSP – 00507 – KASTAS-K21-10X20X8 – HYDRAULIC SEAL FOR BOOSTER	1
3	GSP – 00522 – KASTAS-K69-020-16X20X9-4 HYDRAULIC PISTON GUIDE RING	1
4	KNS – 00287 – BOOSTER FOLLOW RING	1



AUTOMATIC ANNEALING GROUP

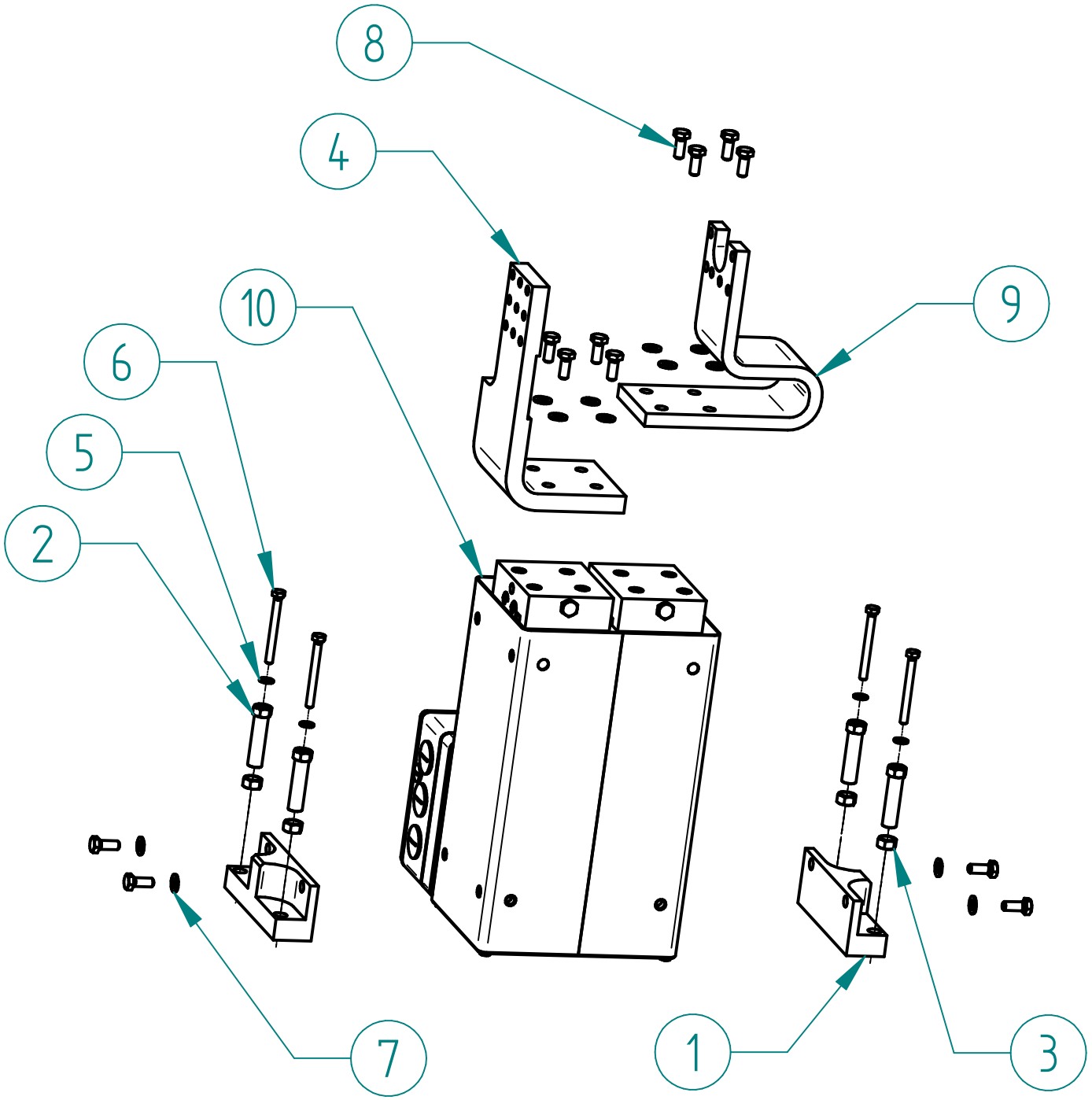


Item	File Name (no extension)	Quantity
	KN 67 HBA PLC	
1	HBA_C_S – PACS – PYROMETER ANNEALING CONTROL SYSTEM	1
2	KNS – 00519 – KN 67_100_120 HBA PYROMETER BOX MOUNTING BLOCK	1
3	GSP – 00434 – M6X25 STUD KNOB	1
4	GSP – 00034 – M8X30 IMBUS BOLT	1



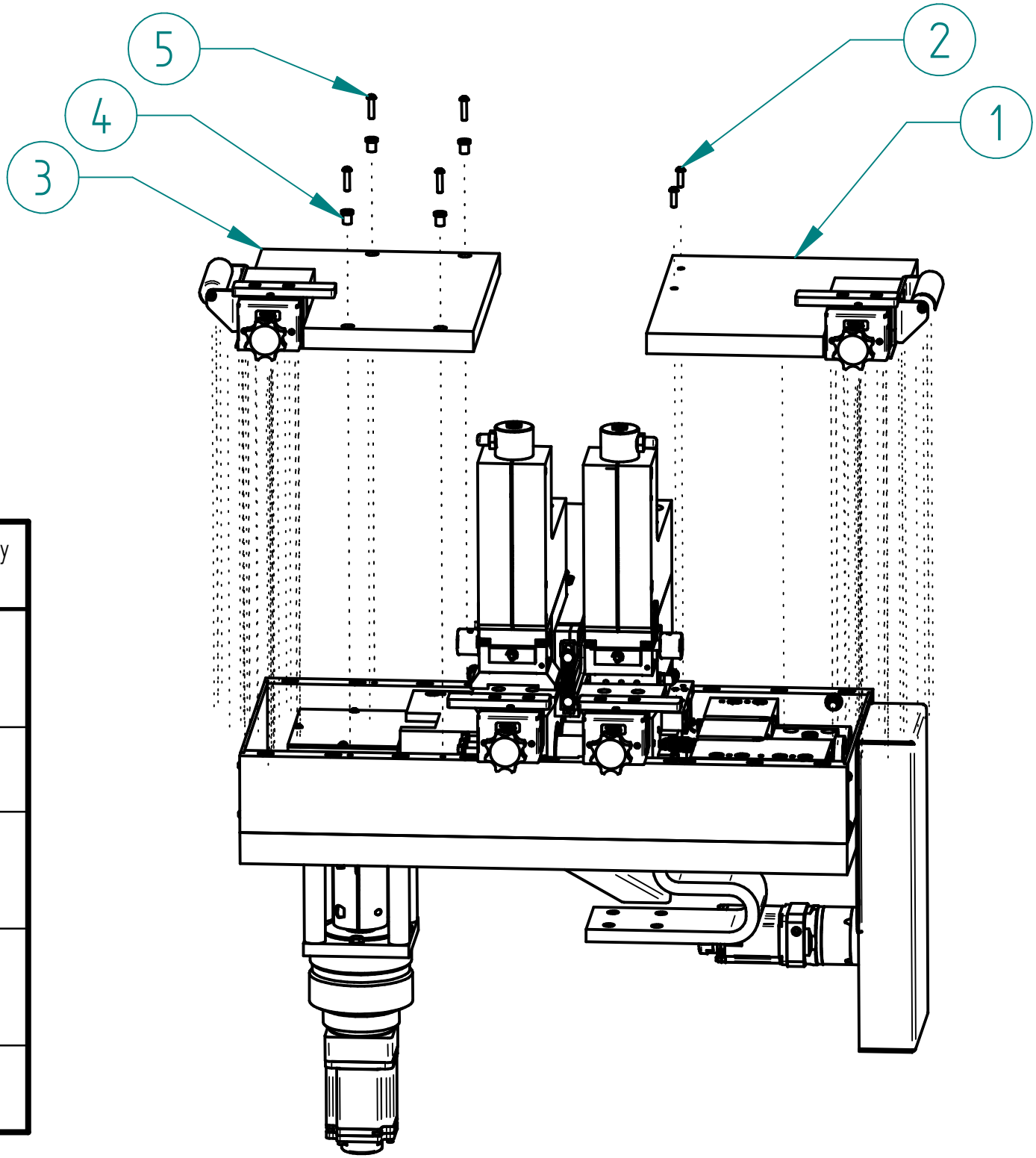
Item	File Name (no extension)	Quantity
	HBA_C_S – PACS – PYROMETER ANNEALING CONTROL SYSTEM	
1	KNS – 00295 – PYROMETER CASE	1
2	KNS – 00296 – PYROMETER PROTECTION COVER	1
3	KNS – 00297 – PYROMETER IGA 310	1
4	FSP – 00096 – TEKMAKSAN COMPACT CYLINDER ADN 16X15	1
5	KNS – 00298 – PYROMETER DEVICE MOUNTING BLOCK	1
6	KNS – 00299 – PYROMETER COVER PIN	1
7	GSP – 00411 – M4X10 HEX SOCKET COUNTERSUNK HEAD BOLT	2
8	KNS – 00300 – PYROMETER CASE MOUNTING SHAFT	1
9	GSP – 00438 – INDUCTIVE SENSOR LE17TSN08□PO	1
10	FSP – 00050 – PUSH –IN FITTINGS QSM–M5–4	2
11	GSP – 00422 – M3X10 PHILIP FLAT HEAD SCREW	2
12	GSP – 00394 – SNAP RING 5X1	2
13	GSP – 00437 – 12V LED LAMP	1
14	GSP – 00423 – M3X20 PHILIP FLAT HEAD SCREW	2
15	GSP – 00254 – M3 NUT	2
16	GSP – 00004 – M3X25 IMBUS BOLT	1
17	KNS – 00301 – PYROMETER CASE INSULATION FIBER	2
18	GSP – 00006 – M4X10 IMBUS BOLT	2

TRANSFORMER GROUP

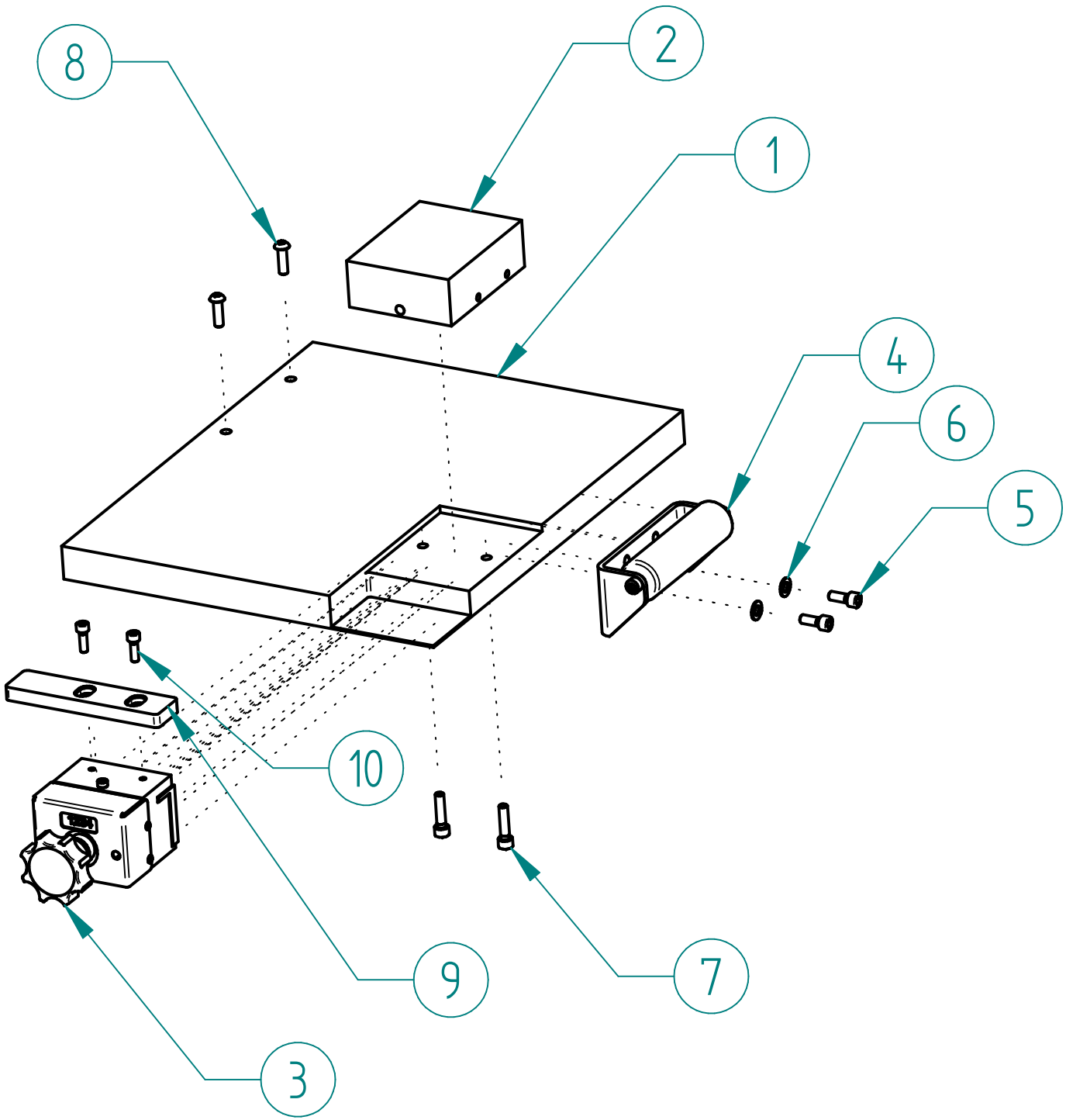


Item Number	File Name (no extension)	Quantity
1	KNS – 00520 – KN 67_100_120 HBA TRANSFORMER GROUP ASSEMBLY FOOT LIM	2
2	KNS – 00707 – TEMELSAN ADJUSTMENT SCREW M16x60	4
3	KNS – 00252 – TEMELSAN ADJUSTMENT NUT	4
4	KNS – 00446 – KN 67_100_120 HBA COPPER L SHAPE CONNECTION	1
5	GSP – 00275 – M8 WASHER	4
6	GSP – 00151 – M8x80 HEXAGON BOLT	4
7	GSP – 00276 – M10 WASHER	12
8	GSP – 00156 – M10x25 HEXAGON BOLT	12
9	KNS – 00426 – KN 67_100_120 HBA FLEX COPPER CONNECTION	1
10	KNS – 00171 – 63 KWA TRANSFORMER	1

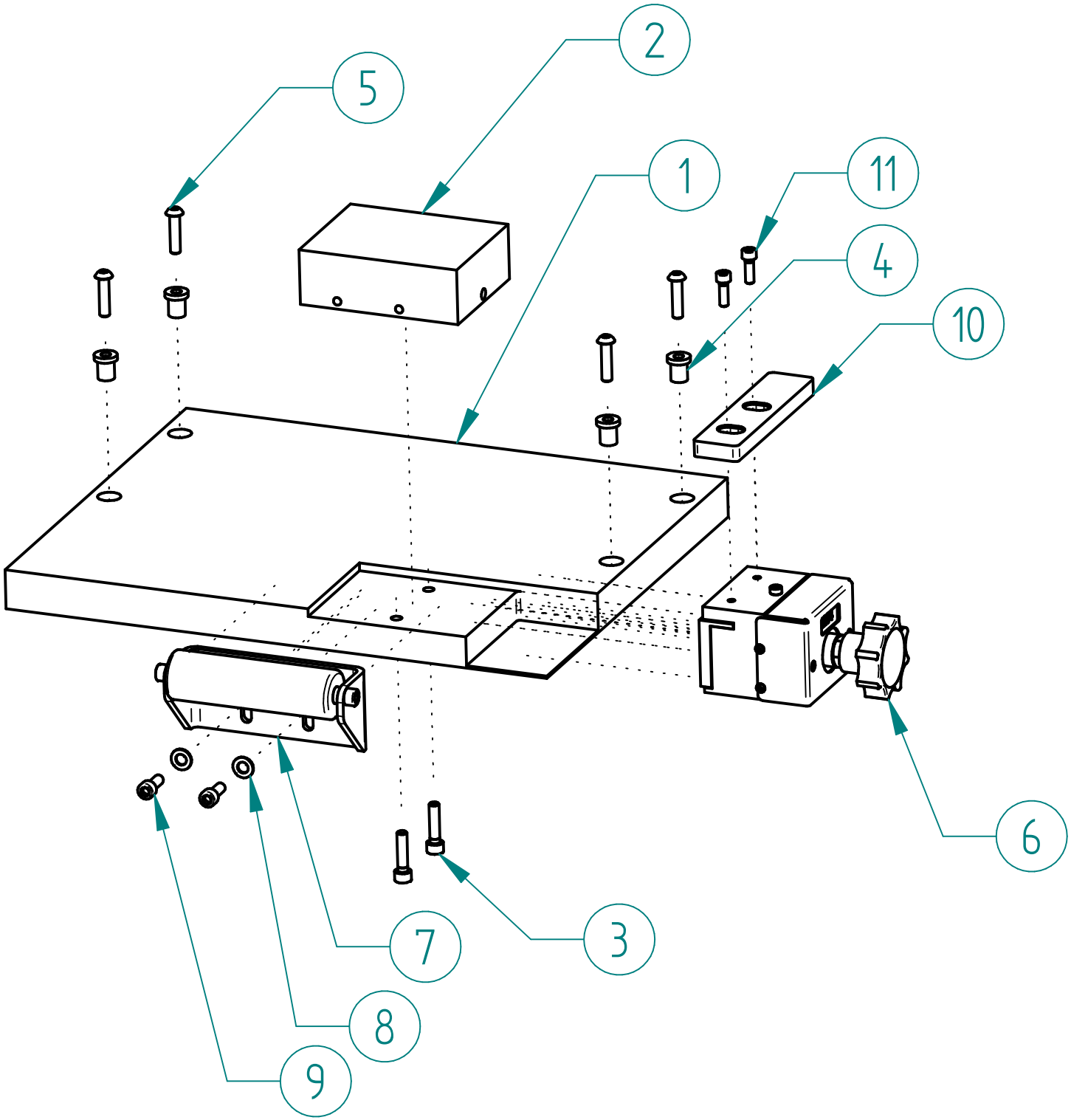
STOPPER SYSTEM GROUP



Item Number	File Name (no extension)	Quantity
1	KNS – 00386 – KN 67_100_120 HBA NSS RIGHT SIDE COVER	1
2	GSP – 00247 – M6x20 LENTIL HEAD BOLT	2
3	KNS – 00401 – KN 67_100_120 HBA NSS LEFT SIDE COVER	1
4	KNS – 00400 – KN 67_100_120 HBA COVER INSULATION	4
5	GSP – 00248 – M6x25 LENTIL HEAD BOLT	4

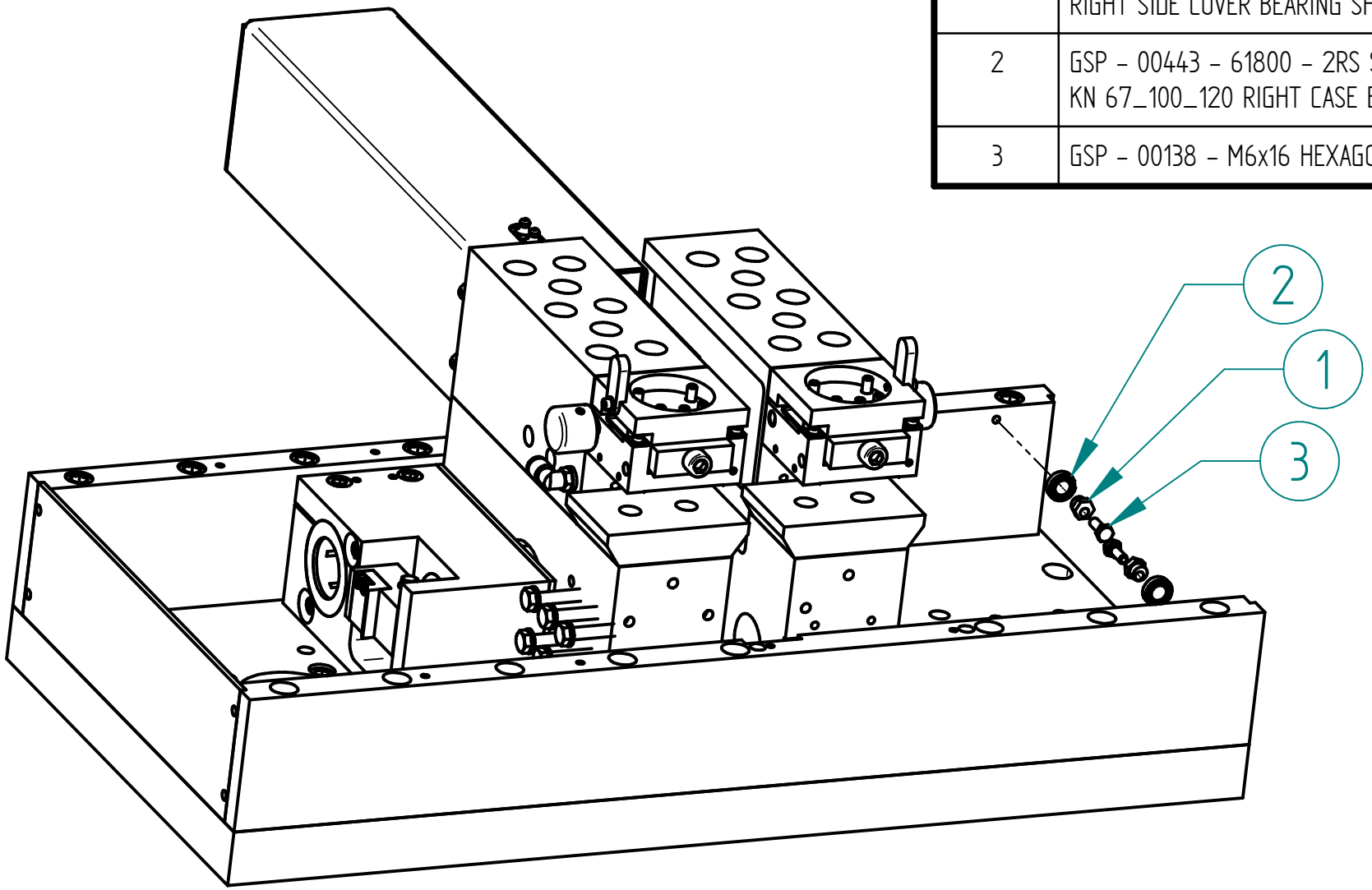


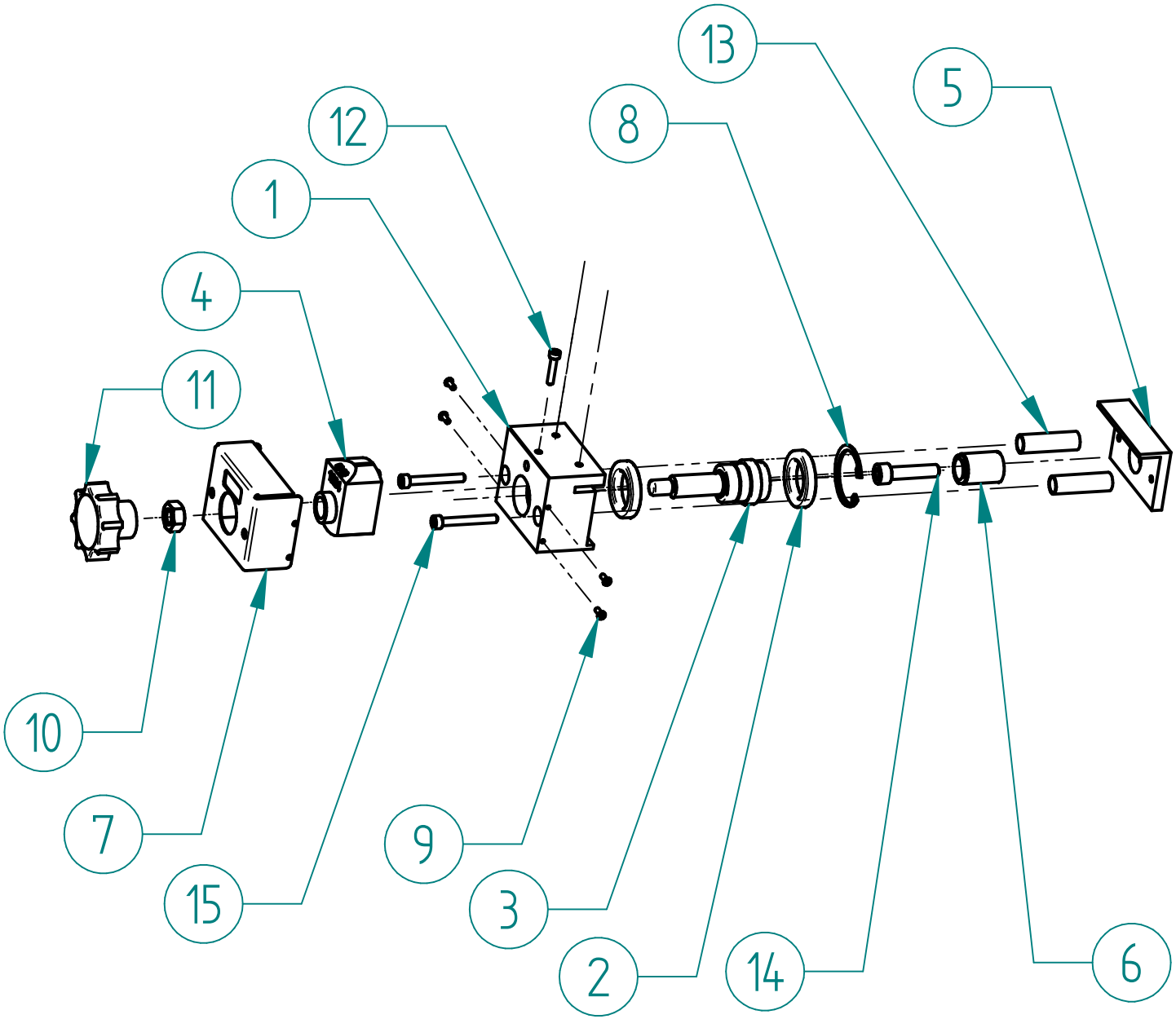
Item Number	File Name (no extension)	Quantity
1	KNS – 00386 – KN 67_100_120 HBA RIGHT SIDE COVER FOR NSS	1
2	KNS – 00387 – KN 67_100_120 HBA NSS RIGHT-LEFT SIDE UPPER MOUNTING BLOCK	1
3	KNS – 00059 – KN 67 HBS_67_100_120 HBA NUMERICAL STOPPER	1
4	KNS – 00399 – KN 67_100_120 HBA BLADE SIDE ROLLER	1
5	GSP – 00022 – M6X16 IMBUS BOLT	2
6	GSP – 00274 – M6 WASHER	2
7	GSP – 00024 – M6X25 IMBUS BOLT	2
8	GSP – 00247 – M6x20 LENTIL HEAD BOLT	2
9	KNS – 00127 – KN 67 HBS_67_100_120 HBA NSS CAMBER LIM	1
10	GSP – 00014 – M5X16 IMBUS BOLT	2



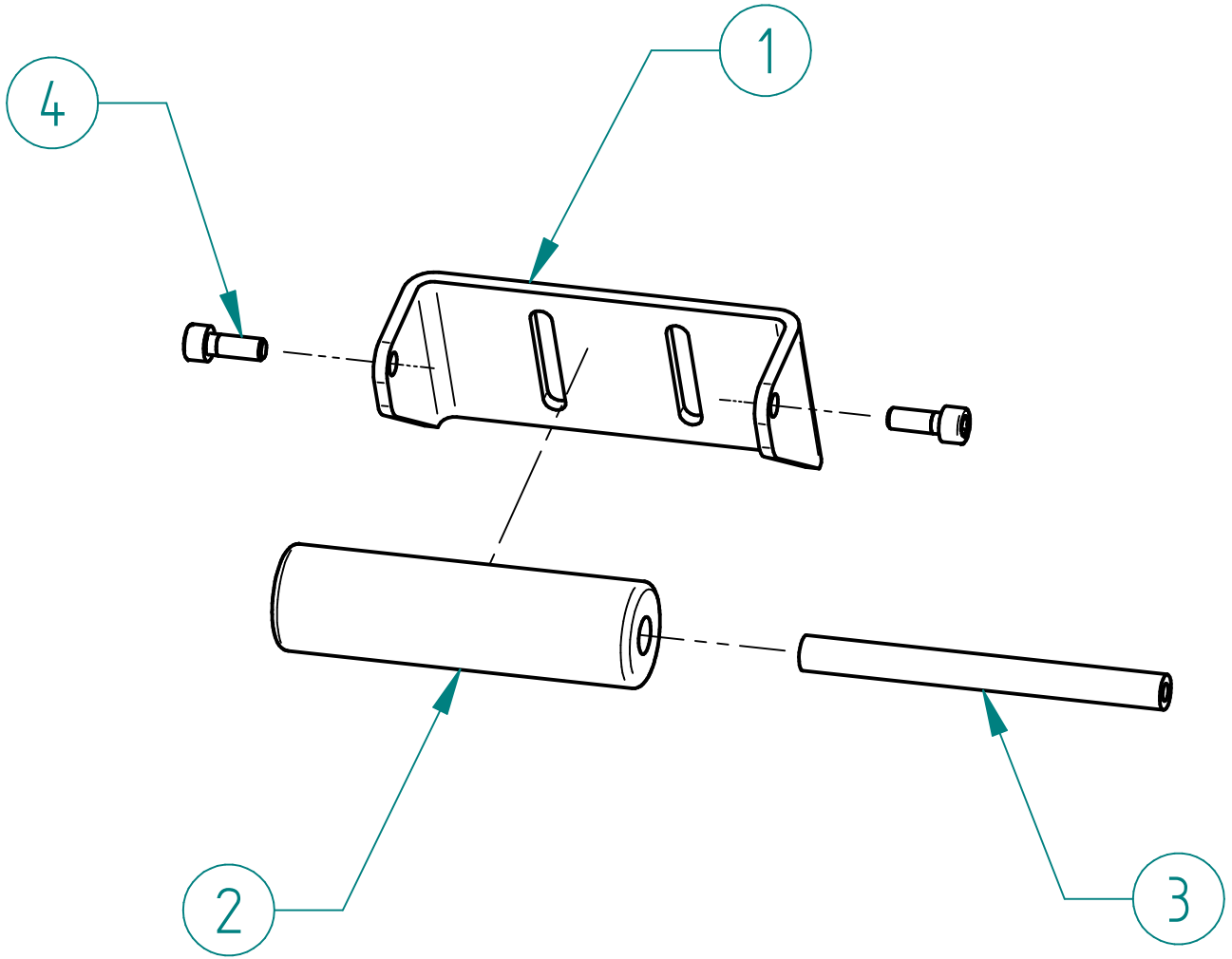
Item	File Name (no extension)	Quantity
1	KNS – 00401 – KN 67_100_120 HBA LEFT SIDE COVER FOR NSS	1
2	KNS – 00387 – KN 67_100_120 HBA NSS RIGHT-LEFT SIDE UPPER MOUNTING BLOCK	1
3	GSP – 00024 – M6X25 IMBUS BOLT	2
4	KNS – 00400 – KN 67_100_120 HBA COVER INSULATION	4
5	GSP – 00248 – M6x25 LENTIL HEAD BOLT	4
6	KNS – 00059 – KN 67 HBS_67_100_120 HBA NUMERICAL STOPPER	1
7	KNS – 00399 – KN 67_100_120 HBA BLADE SIDE ROLLER	1
8	GSP – 00274 – M6 WASHER	2
9	GSP – 00022 – M6X16 IMBUS BOLT	2
10	KNS – 00127 – KN 67 HBS_67_100_120 HBA NSS CAMBER LIM	1
11	GSP – 00014 – M5X16 IMBUS BOLT	2

Item	File Name (no extension)	Quantity
1	KNS – 00503 – KN 67_100_120 HBA RIGHT SIDE COVER BEARING SHAFT	2
2	GSP – 00443 – 61800 – 2RS SKF – KN 67_100_120 RIGHT CASE BEARING	2
3	GSP – 00138 – M6x16 HEXAGON BOLT	2





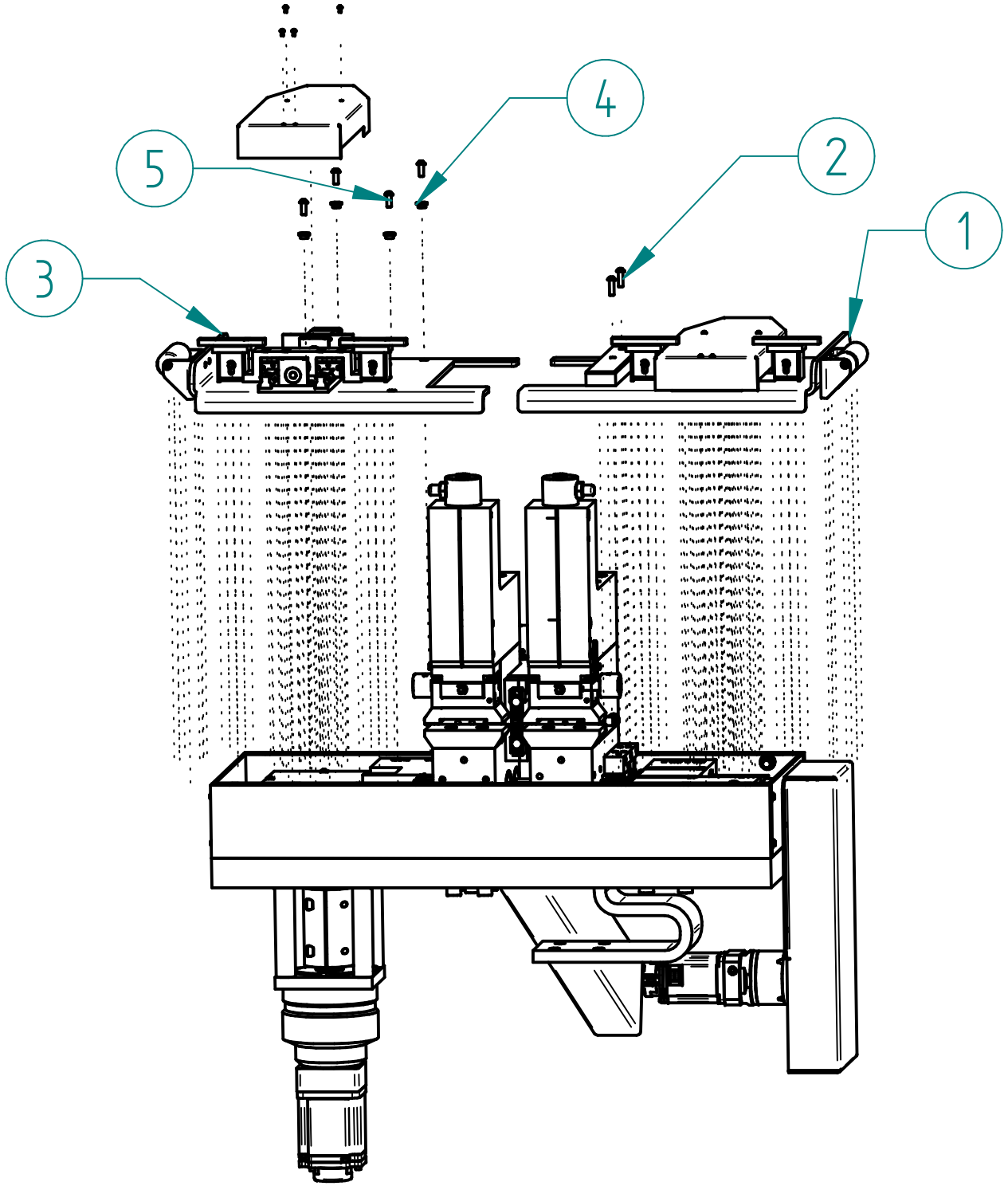
Item	File Name (no extension)	Quantity
	KNS – 00059 – KN 67 HBS_67_100_120 HBA NUMERICAL STOPPER	
1	KNS – 00392 – KN 67_100_120 HBA – 67 HBS NSS NUMERICAL STOPPER MAIN BLOCK	1
2	GSP – 00449 – 61805 SKF BEARING – HBA NSS NUMERATOR BEARING	2
3	KNS – 00389 – KN 67_100_120 HBA – 67 HBS NSS SHAFT	1
4	GSP – 00566 – NUMERATOR FOR NUMERICAL STOPPER SYSTEM UNITS	1
5	KNS – 00393 – KN 67_100_120 HBA – 67 HBS NSS NUMERICAL STOPPER BACK SIDE LIM	1
6	KNS – 00394 – KN 67_100_120 HBA – 67 HBS NSS M20 SCREW	1
7	KNS – 00390 – KN 67_100_120 HBA – 67 HBS NSS NUMERICAL STOPPER PROTECTION	1
8	GSP – 00399 – SNAP RING 40X1_5	1
9	GSP – 00424 – M3X8 PHILIPS LENTIL HEAD SCREW	4
10	GSP – 00259 – M10 NUT	1
11	GSP – 00575 – M10X50 STAR KNOB	1
12	GSP – 00008 – M4x20 IMBUS BOLT	1
13	KNS – 00391 – KN 67_100_120 HBA – 67 HBS NSS NUMERATOR CENTER PIN	2
14	GSP – 00038 – M8x35 IMBUS BOLT	1
15	GSP – 00017 – M5x40 IMBUS BOLT	2

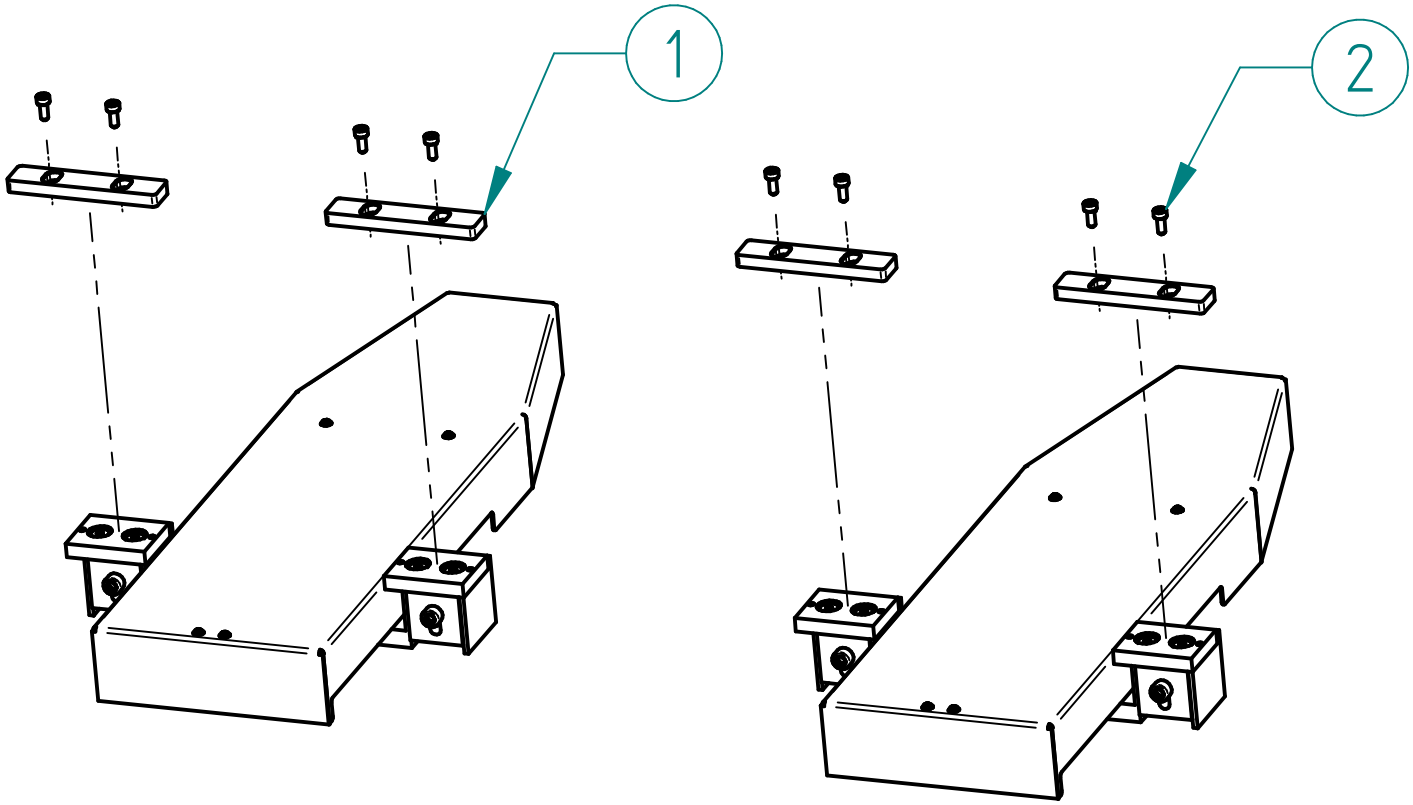


Item Number	File Name (no extension)	Quantity
	KNS – 00399 – KN 67_100_120 HBA BLADE SIDE ROLLER	
1	KNS – 00398 – BLADE ROLLER 3 ASSEMBLY PART	1
2	KNS – 00396 – BLADE ROLLER 3	1
3	KNS – 00397 – BLADE ROLLER SHAFT 4	1
4	GSP – 00022 – M6X16 IMBUS BOLT	2

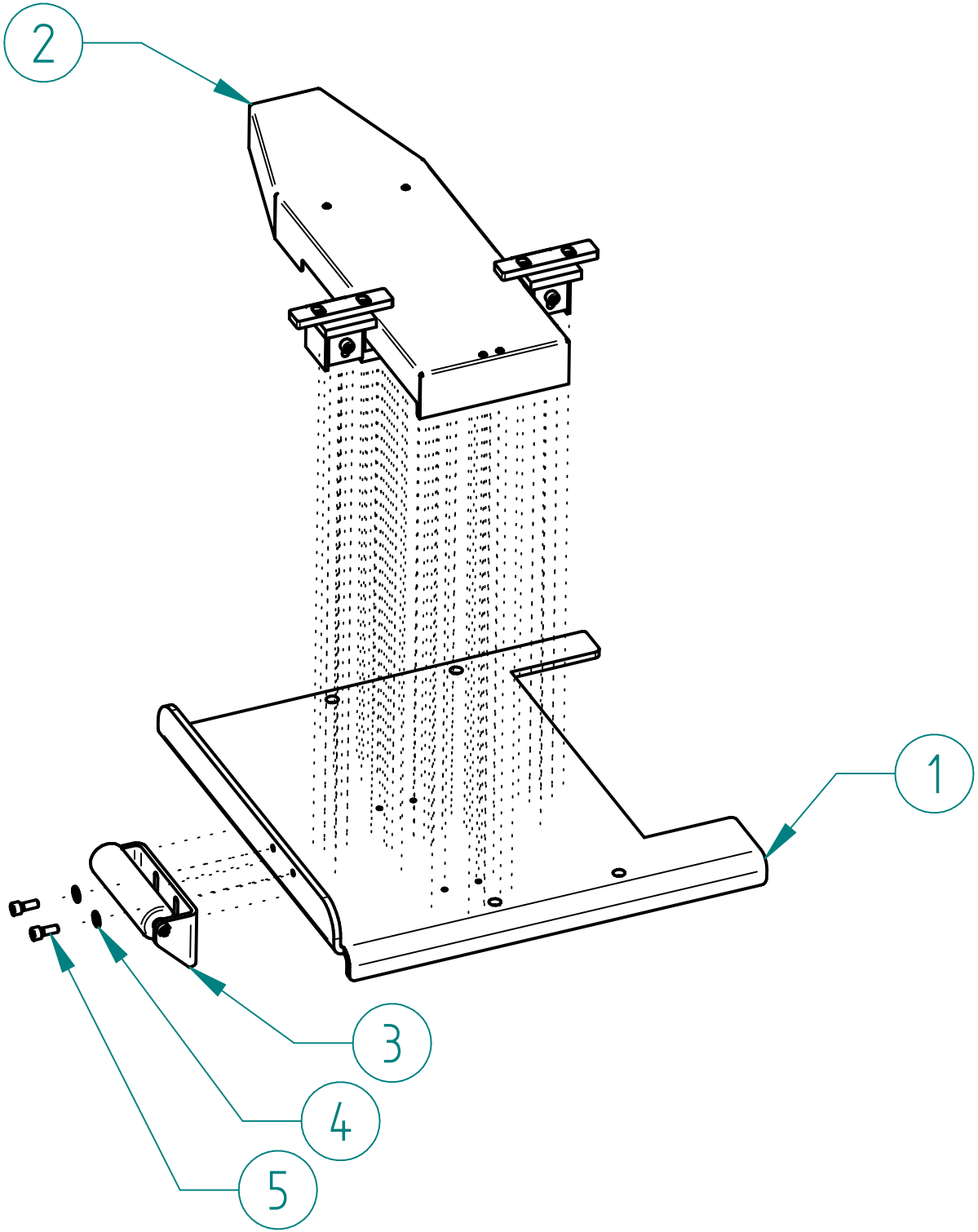
MOTORIZED STOPPER SYSTEM GROUP

Item Number	File Name (no extension)	Quantity
1	KNS – 00504 – KN 67_100_120 HBA RIGHT SIDE COVER FOR MSS	1
2	GSP – 00247 – M6x20 LENTIL HEAD BOLT	2
3	KNS – 00517 – KN 67_100_120 HBA LEFT SIDE COVER FOR MSS	1
4	KNS – 00518 – KN 67_100_120 HBA LEFT SIDE COVER FOR MSS INSULATION PART	4
5	GSP – 00246 – M6x16 LENTIL HEAD BOLT	4

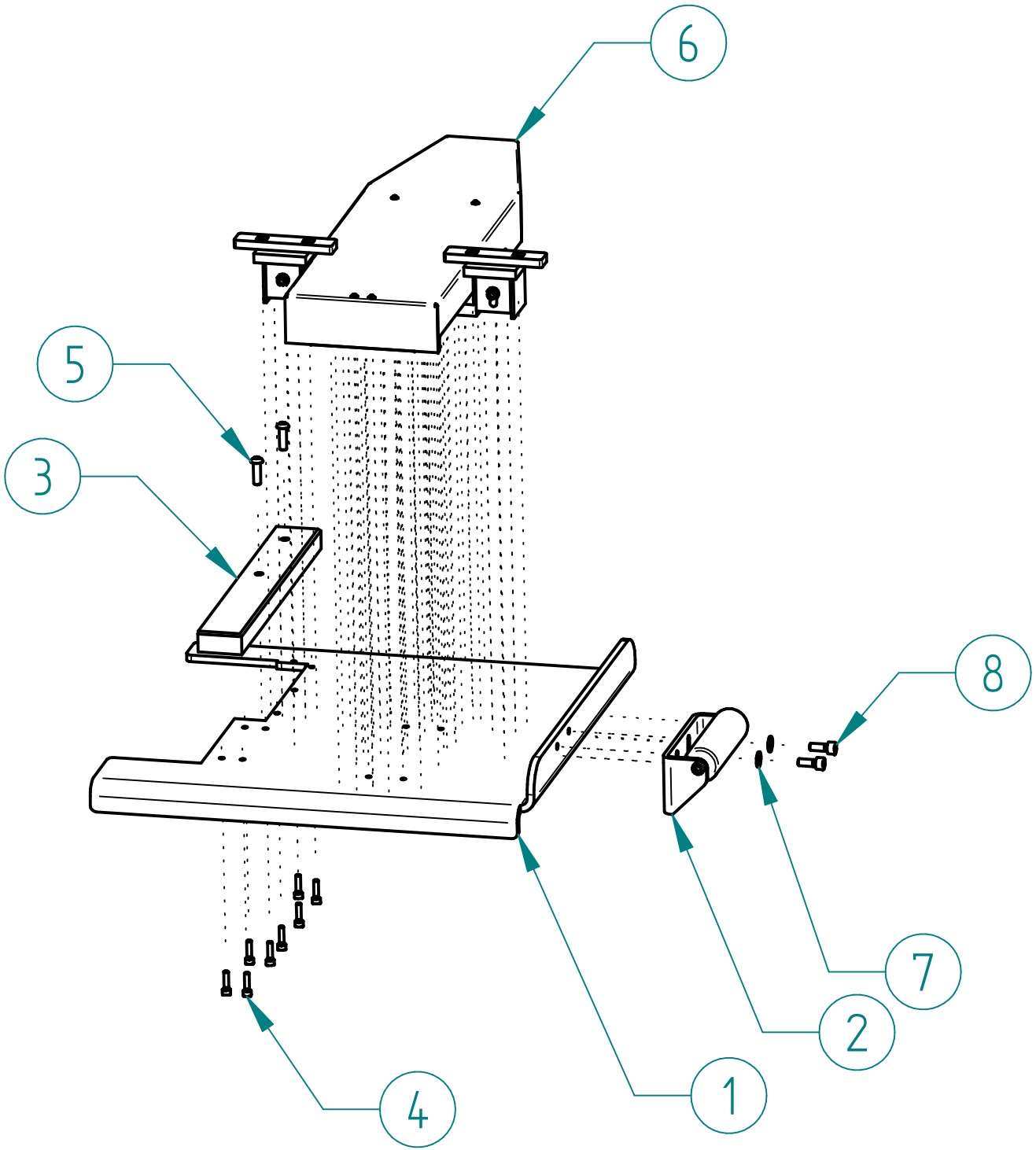




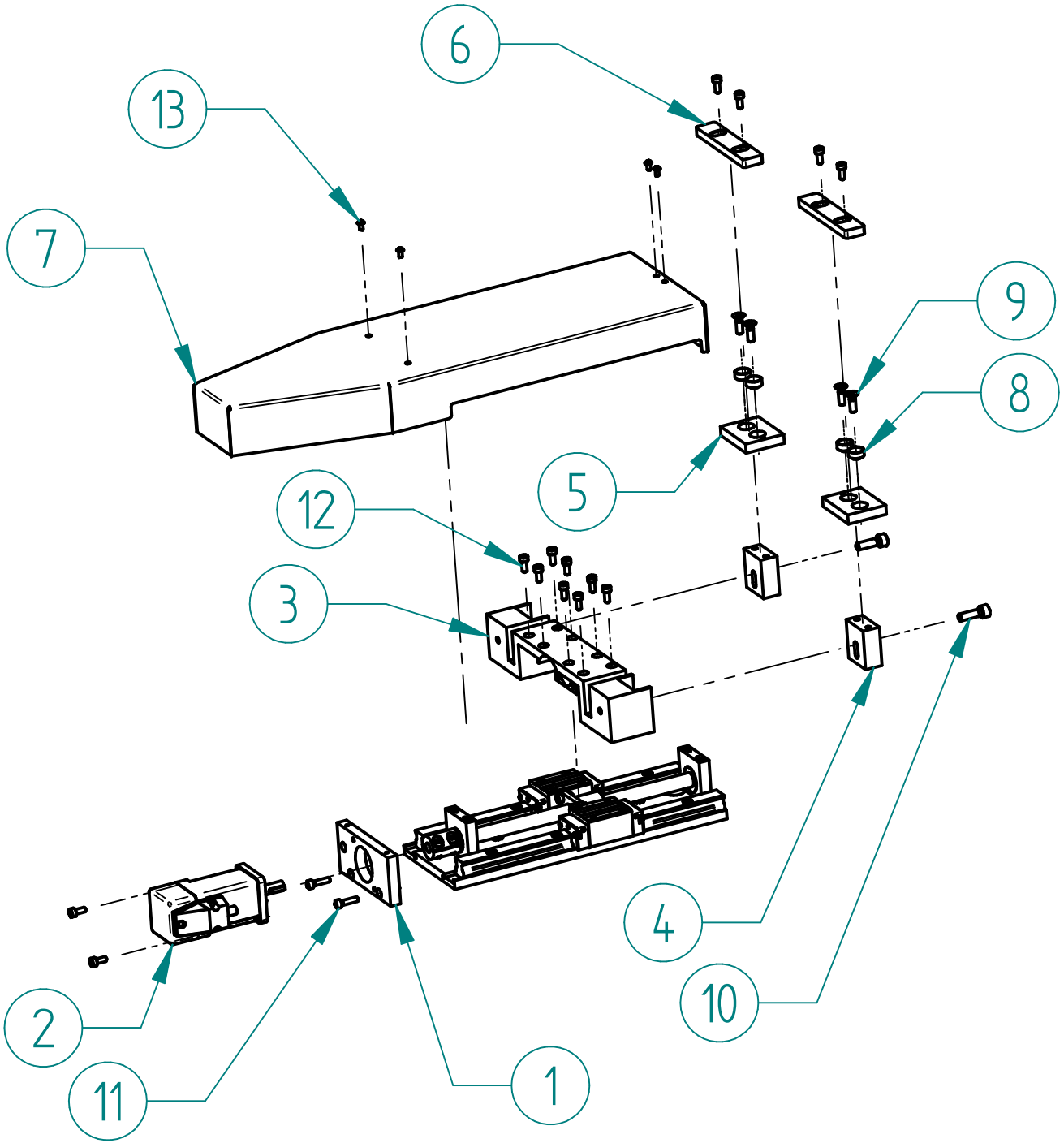
Item	File Name (no extension)	Quantity
1	KNS - 00187 - HBA MSS STOPPER LIM SET	4
2	GSP - 00006 - M4X10 IMBUS BOLT	8



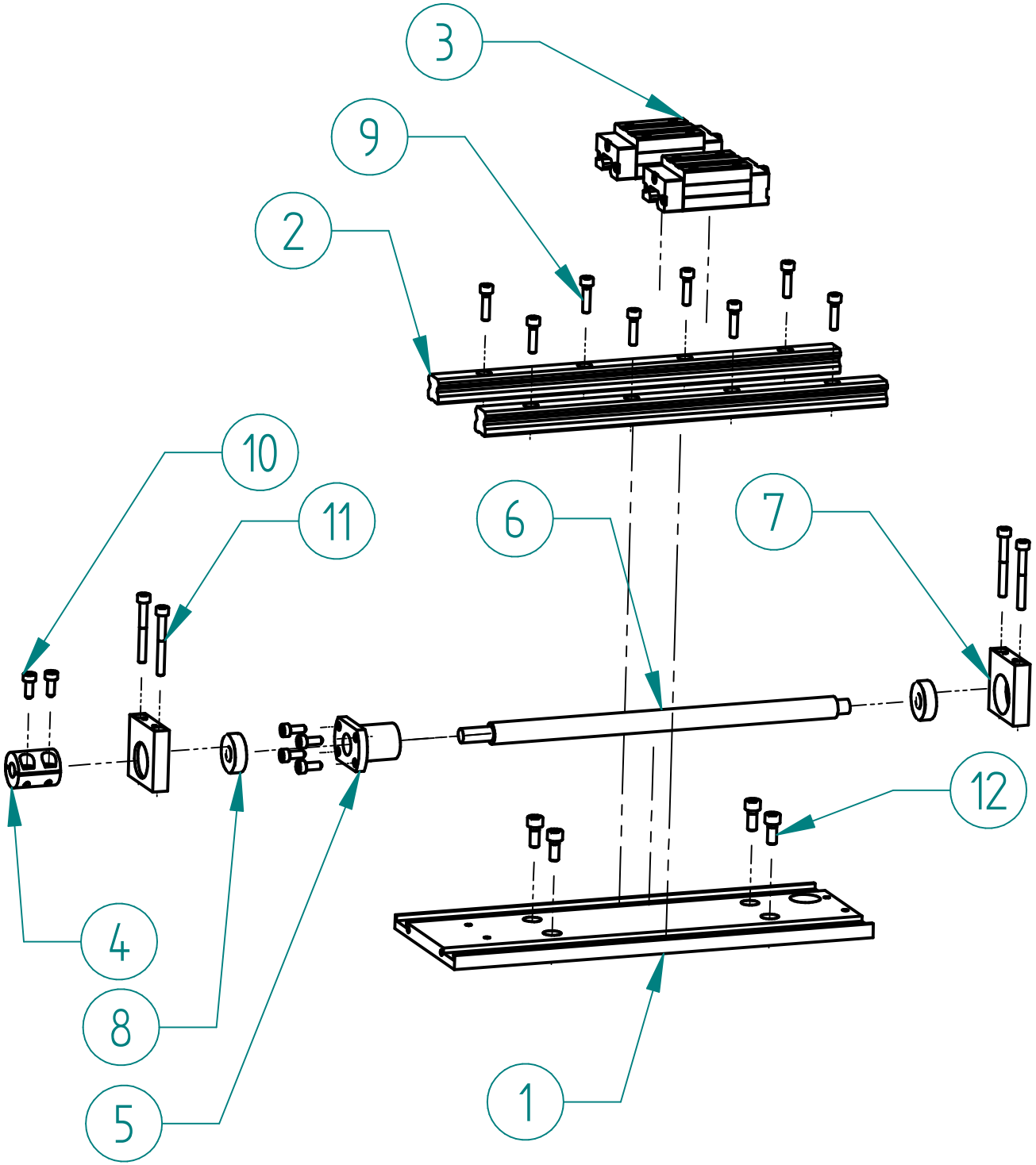
Item Number	File Name (no extension)	Quantity
1	KNS – 00517 – KN 67_100_120 HBA LEFT SIDE COVER FOR MSS	1
2	KN 67_100 HBA MSS	1
3	KNS – 00399 – KN 67_100_120 HBA BLADE SIDE ROLLER	1
4	GSP – 00274 – M6 WASHER	2
5	GSP – 00022 – M6X16 IMBUS BOLT	2



Item Number	File Name (no extension)	Quantity
1	KNS – 00504 – KN 67_100_120 HBA RIGHT SIDE COVER FOR MSS	1
2	KNS – 00399 – KN 67_100_120 HBA BLADE SIDE ROLLER	1
3	KNS – 00505 – KN 67_100_120 HBA RIGHT SIDE COVER FOR MSS ASSEMBLY BLOCK	1
4	GSP – 00007 – M4X16 IMBUS BOLT	8
5	GSP – 00247 – M6x20 LENTIL HEAD BOLT	2
6	KN 67_100 HBA MSS	1
7	GSP – 00274 – M6 WASHER	2
8	GSP – 00022 – M6X16 IMBUS BOLT	2

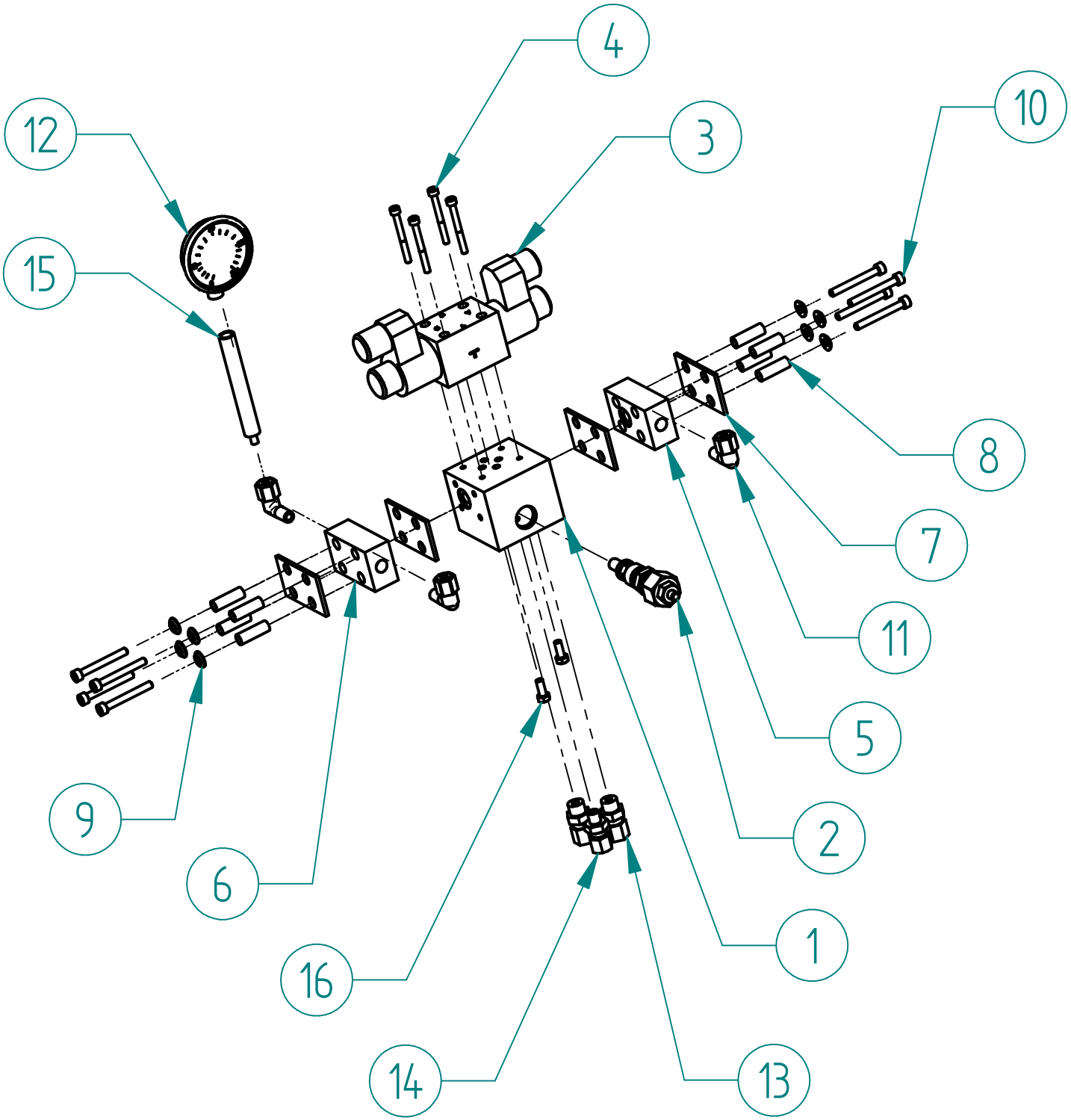


Item Number	File Name (no extension)	Quantity
1	KNS – 00512 – KN 67_100 HBA MSS SERVO MOTOR MOUNTING PART	1
2	KNS – 00343 – KN 41_54 HBC MSS SERVO MOTOR	1
3	KNS – 00511 – KN 67_100 HBA MSS STOPPER MAIN BLOCK	1
4	KNS – 00510 – KN 67_100 HBA MSS STOPPER LOWER LIM	2
5	KNS – 00509 – KN 67_100 HBA MSS STOPPER LOWER LIM ASSEMBLY PART	2
6	KNS – 00507 – KN 67_100 HBA MSS STOPPER UPPER LIM	2
7	KNS – 00506 – KN 67_100 HBA MSS SERVO PROTECTION COVER	1
8	KNS – 00508 – KN 67_100 HBA MSS STOPPER INSULATION PART	4
9	GSP – 00412 – M5X16 HEX SOCKET COUNTERSUNK HEAD BOLT	4
10	GSP – 00023 – M6x20 IMBUS BOLT	2
11	GSP – 00007 – M4X16 IMBUS BOLT	2
12	GSP – 00006 – M4X10 IMBUS BOLT	14
13	GSP – 00212 – M3x6 LENTIL HEAD BOLT	4

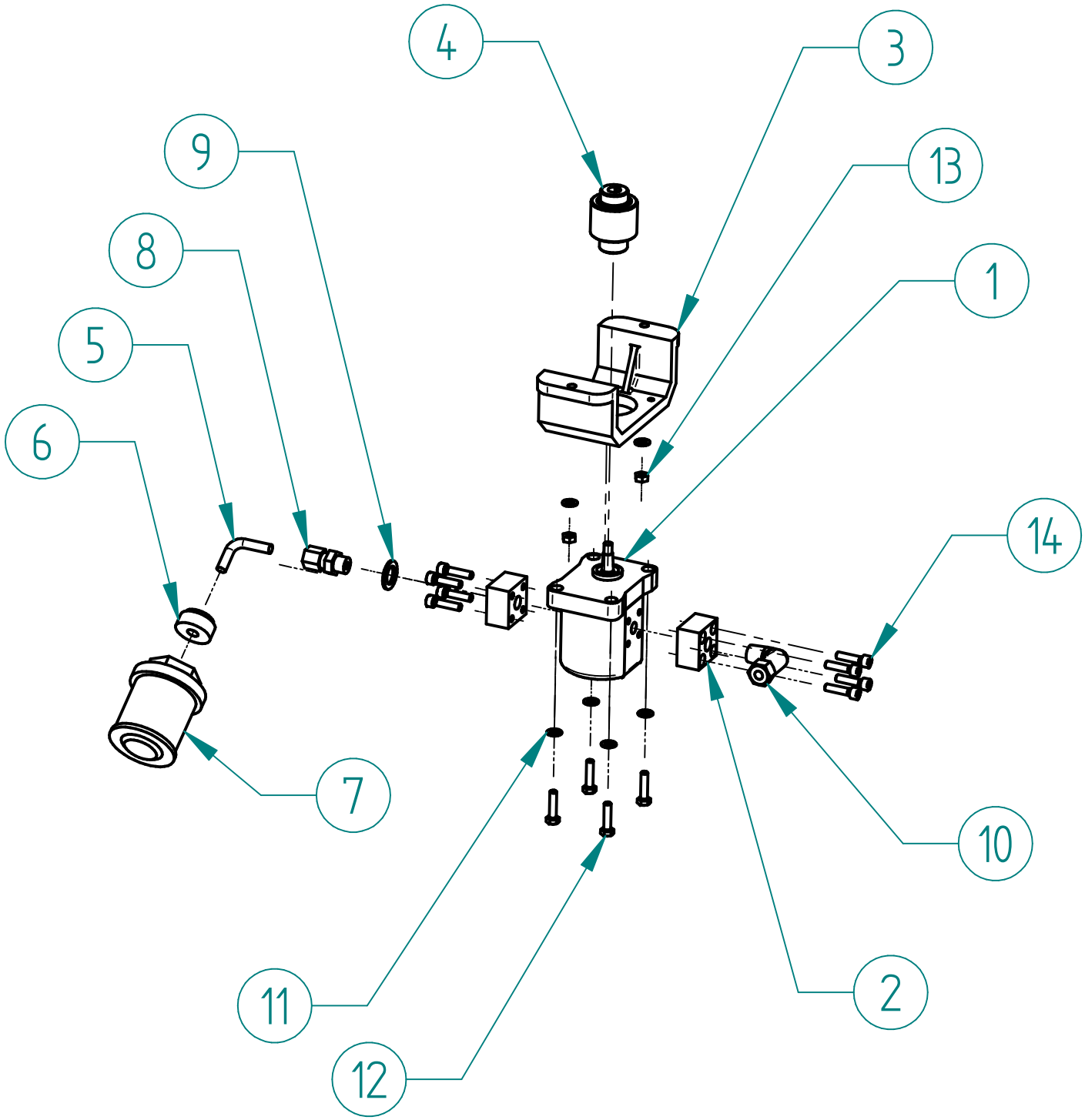


Item Number	File Name (no extension)	Quantity
1	KNS – 00515 – KN 67_100 HBA MSS LINEAR RAIL BOTTOM PLATE	1
2	GSP – 00631 – H15x240 LINEAR RAIL	2
3	GSP – 00454 – LLTHC 15 R TOP5 SKF BEARING – TAS SL MAIN GRINDER LINEAR BEARING	2
4	KNS – 00516 – KN 67_100 HBA MSS SHAFT COUPLING	1
5	KNS – 00348 – KN 41_54 HBC MSS M12x0_2 BALLSCREW NUT	1
6	KNS – 00514 – KN 67_100 HBA MSS M12x0_2 BALLSCREW	1
7	KNS – 00340 – KN HBC_A MSS SHAFT HOUSING	2
8	GSP – 00456 – 608 SKF BEARING – HBC_A MSS SHAFT BEARING	2
9	GSP – 00007 – M4X16 IMBUS BOLT	8
10	GSP – 00006 – M4X10 IMBUS BOLT	6
11	GSP – 00011 – M4x35 IMBUS BOLT	4
12	GSP – 00013 – M5X12 IMBUS BOLT	4

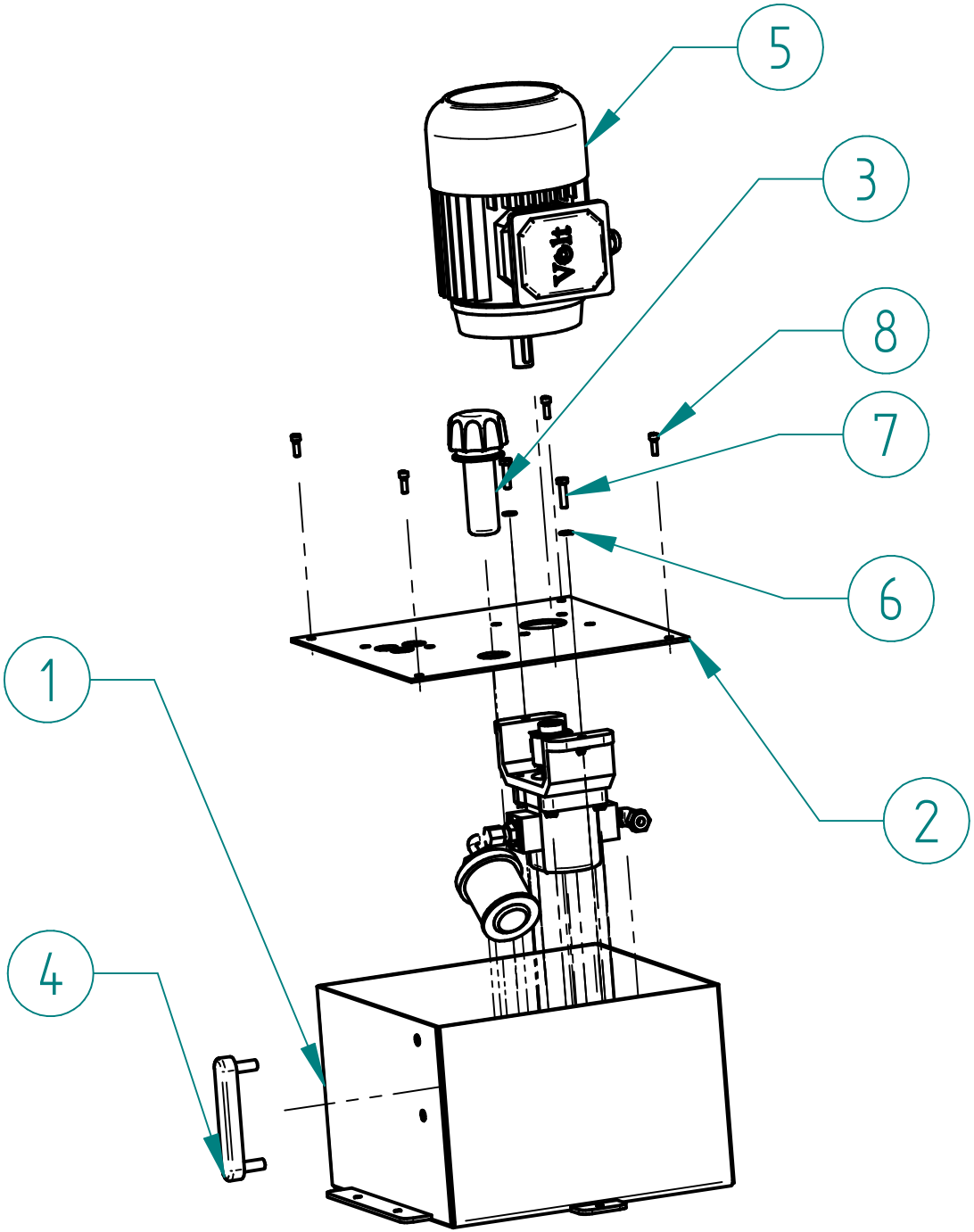
AUTOMATIC DE-BURRING UNIT GROUP



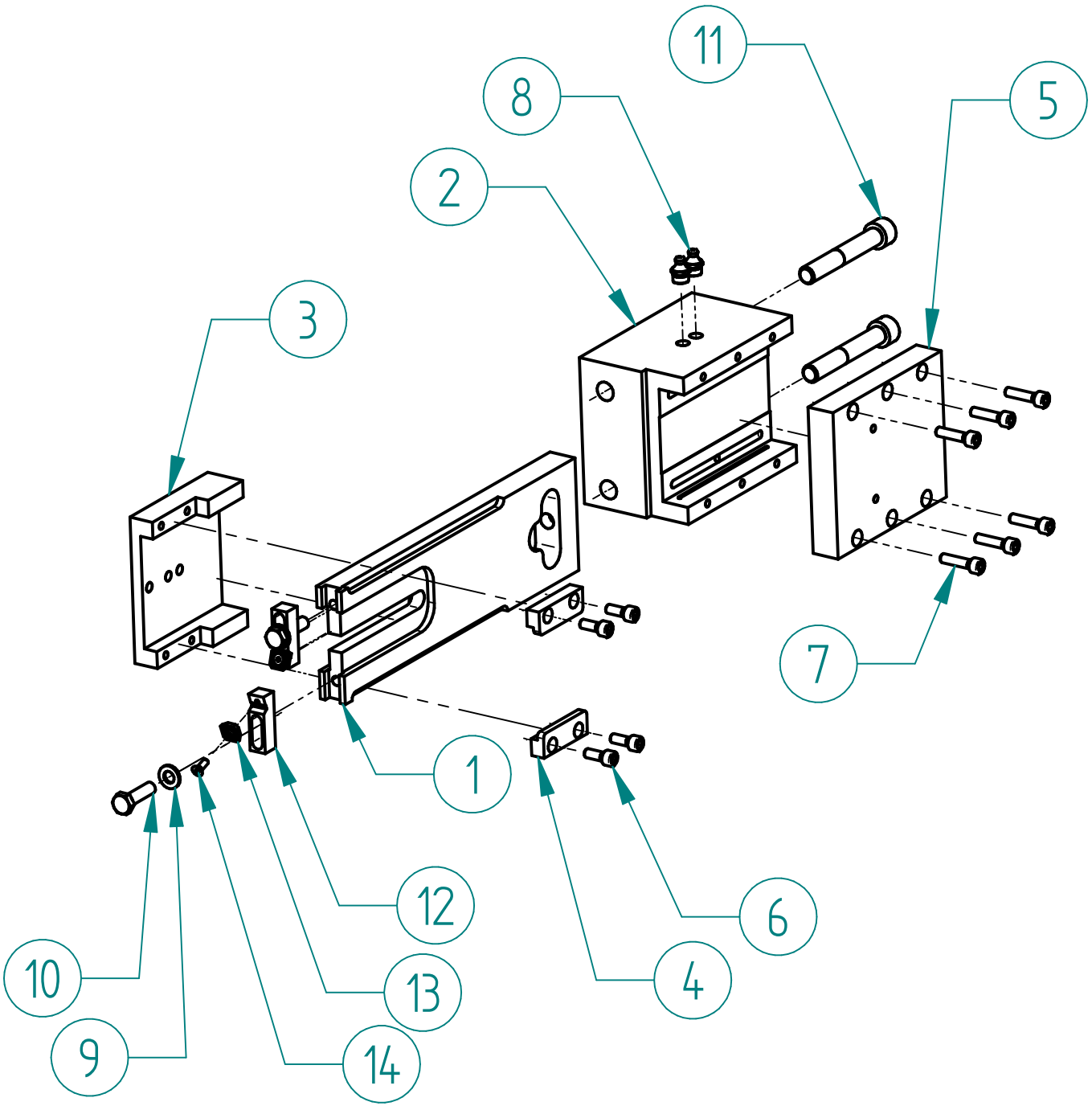
Item	File Name (no extension)	Quantity
1	KNS – 00481 – DE-BURRING UNIT TANK VALVE MAIN BLOCK	1
2	HSP – 00017 – VS-30-NCF – VALVE OIL CONTROL	1
3	HSP – 00012 – DHI-0711 VALVE	1
4	GSP – 00585 – M5x50 IMBUS BOLT	4
5	KNS – 00483 – DC INSULATION BLOCK RIGHT	1
6	KNS – 00482 – DC INSULATION BLOCK LEFT	1
7	KNS – 00480 – DC INSULATION FIBER	4
8	KNS – 00484 – DC INSULATION PIPE	8
9	KNS – 00485 – M6-15-3 WASHER	8
10	GSP – 00029 – M6x50 IMBUS BOLT	8
11	HSP – 00014 – L FITTING DRS 1_8-14	3
12	HSP – 00013 – MANOMETER 160 BAR	1
13	HSP – 00015 – FITTING DRS 3_8-10	2
14	HSP – 00016 – FITTING DRS 1_4-1_8	1
15	KNS – 00479 – MANOMETER 160 BAR PIPE	1
16	GSP – 00124 – M6X15 HEXAGON BOLT	2



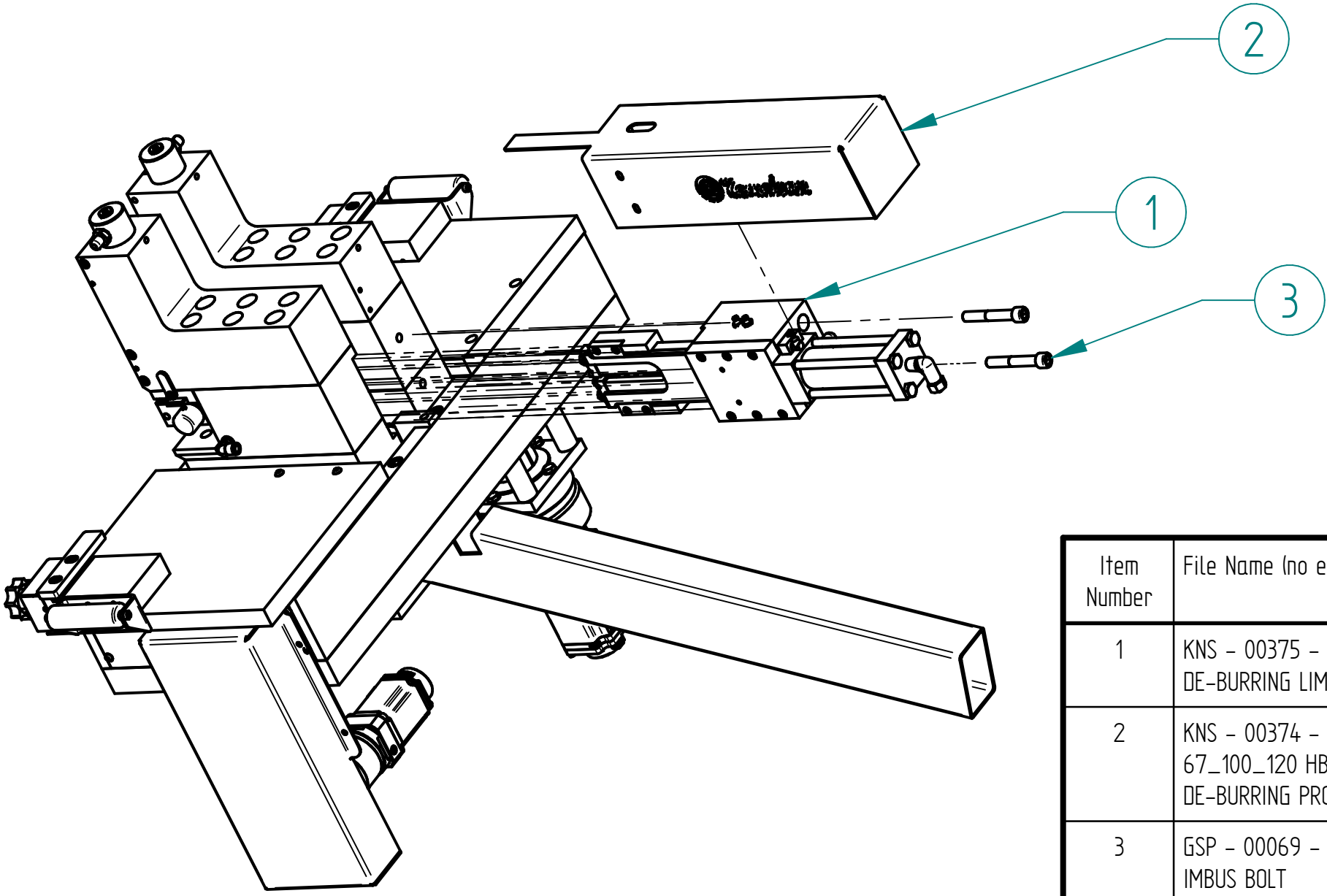
Item	File Name (no extension)	Quantity
	KN 67_100_120 HBA PUMP	
1	HSP - 00008 - 1-PD-4_2LT-MARZOCCHI PUMP	1
2	KNS - 00477 - 4_2LT PUMP ASSEMBLY BLOCKS	2
3	KNS - 00476 - 4_2LT PUMP ASSEMBLY FLANGE	1
4	GSP - 00583 - DK24 COUPLING	1
5	KNS - 00478 - 3_8-12 FILTER L PIPE	1
6	HSP - 00010 - FILTER TOP COVER	1
7	HSP - 00009 - 25LT-FILTER	1
8	HSP - 00011 - FITTING DRS 3_8-12	1
9	GSP - 00584 - 3_8 COPPER WASHER	1
10	HSP - 00005 - L FITTING DRS 3_8-10	1
11	GSP - 00274 - M6 WASHER	6
12	GSP - 00125 - M6X25 HEXAGON BOLT	4
13	GSP - 00257 - M6 NUT	2
14	GSP - 00024 - M6X25 IMBUS BOLT	8



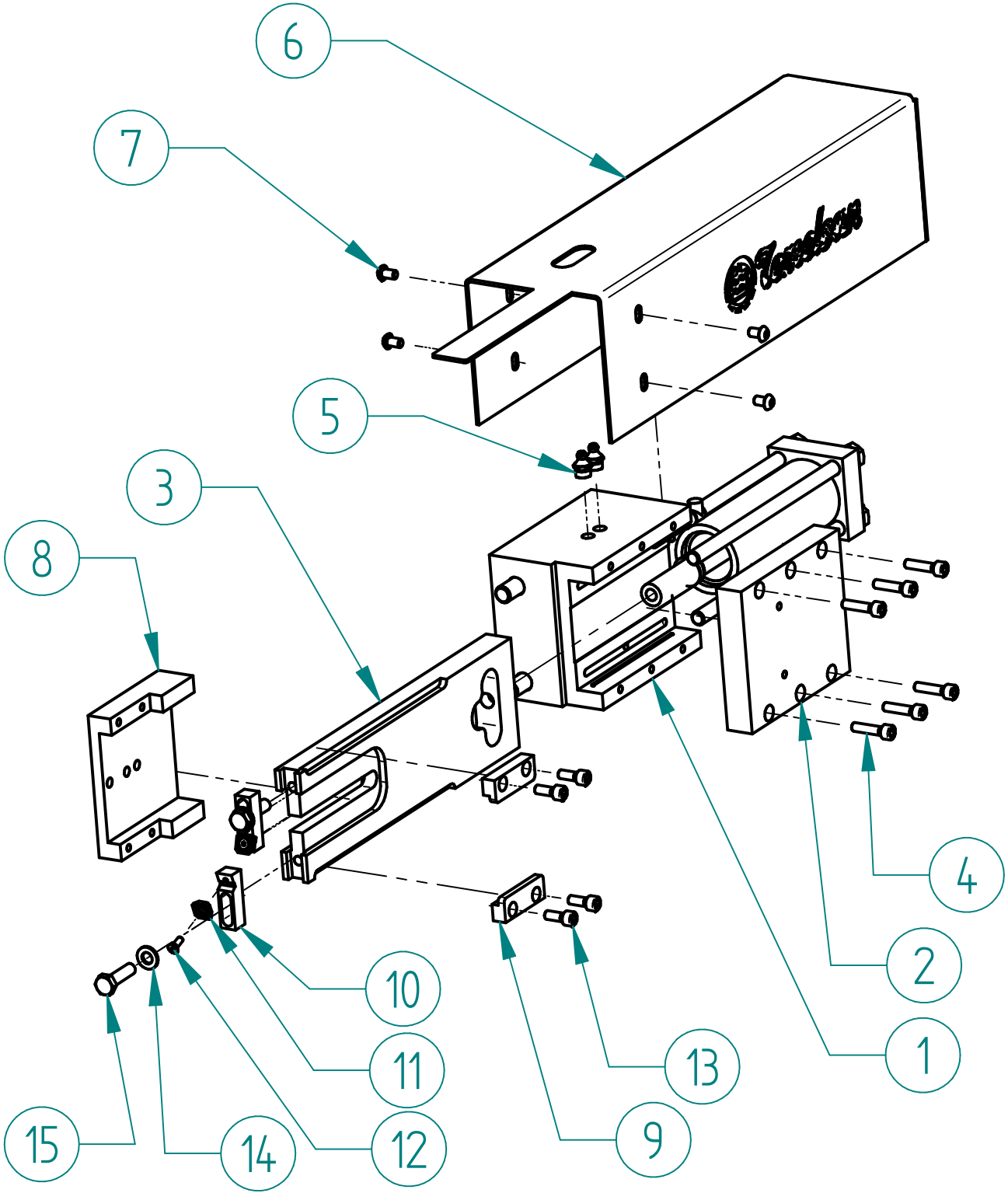
Item Number	File Name (no extension)	Quantity
	KNS – 00545 – KN 67_100_120 HBA DE-BURRING HYDRAULIC POWER UNIT	
1	KNS – 00470 – KN 67_100_120 HBA DE-BURRING UNIT HYDRAULIC TANK BODY	1
2	KNS – 00473 – KN 67_100_120 HBA DE-BURRING UNIT TANK TOP COVER	1
3	HSP – 00007 – TANK LOADING TAP	1
4	HSP – 00006 – OIL LEVEL INDICATOR (100mm)	1
5	KNS – 00472 – 1.1 KW ELECTRIC MOTOR	1
6	GSP – 00274 – M6 WASHER	2
7	GSP – 00125 – M6X25 HEXAGON BOLT	2
8	GSP – 00014 – M5X16 IMBUS BOLT	4



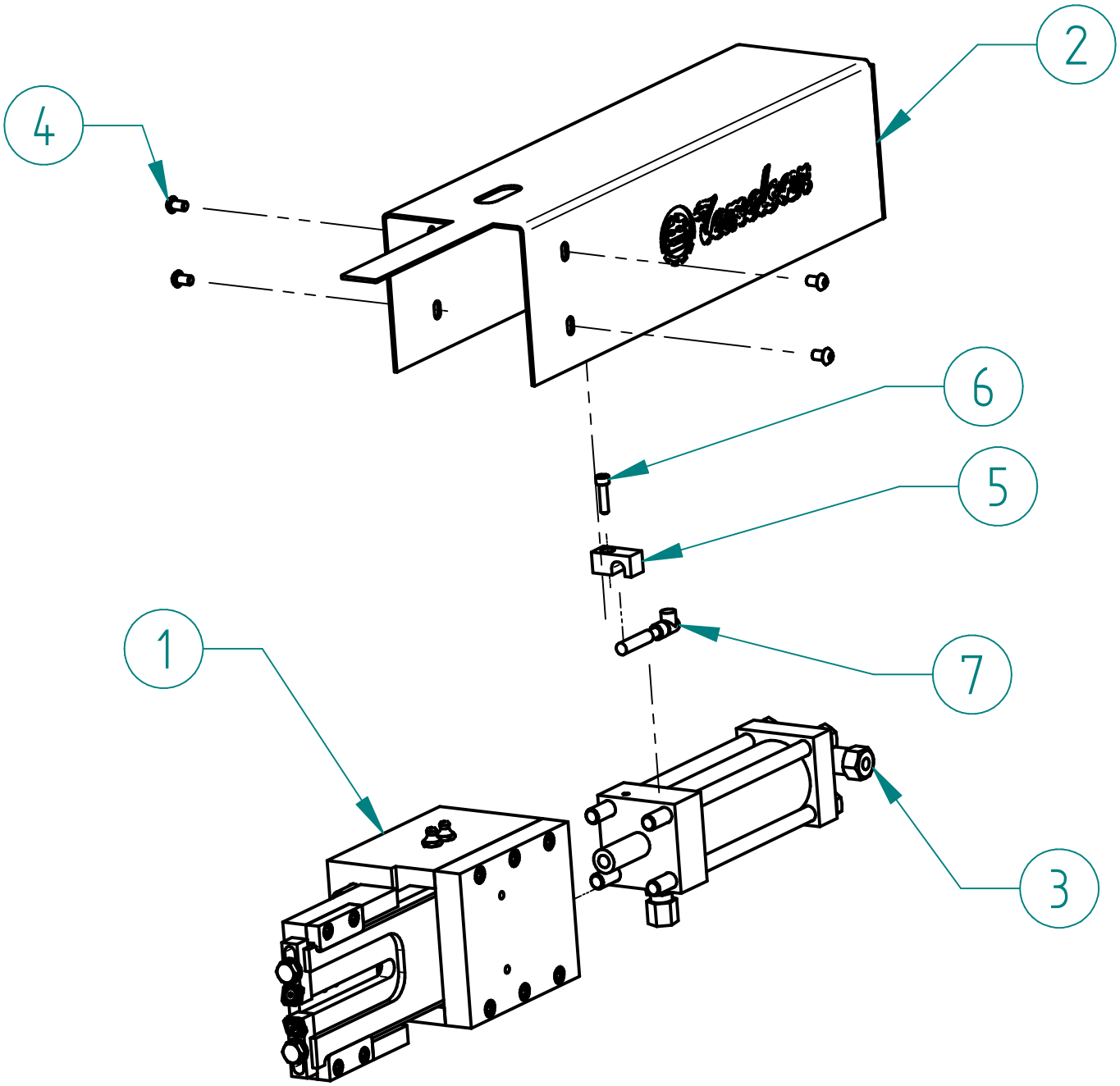
Item	File Name (no extension)	Quantity
	KNS – 00128 – KN 67_100_120 HBA DE-BURRING MECHANICAL SYSTEM	
1	KNS – 00379 – KN 67_100_120 HBA DE-BURRING UNIT ARM	1
2	KNS – 00375 – KN 67_100_120 HBA DE-BURRING HOUSING	1
3	KNS – 00377 – KN 67_100_120 HBA DE-BURRING UNIT GUIDE	1
4	KNS – 00378 – KN 67_100_120 HBA DE-BURRING UNIT ARM HOLDER	2
5	KNS – 00376 – KN 67_100_120 HBA DE-BURRING HOUSING COVER	1
6	GSP – 00022 – M6X16 IMBUS BOLT	4
7	GSP – 00024 – M6X25 IMBUS BOLT	6
8	GSP – 00574 – LUBRICATION NIPPLE 1_8-10	2
9	GSP – 00275 – M8 WASHER	2
10	GSP – 00141 – M8X30 HEXAGON BOLT	2
11	GSP – 00069 – M12x80 IMBUS BOLT	2
12	KNS – 00035 – DE-BURRING UNIT INSERT HOLDER	2
13	KNS – 00034 – DE-BURRING UNIT INSERT	2
14	KNS – 00036 – DE-BURRING UNIT INSERT SCREW	2



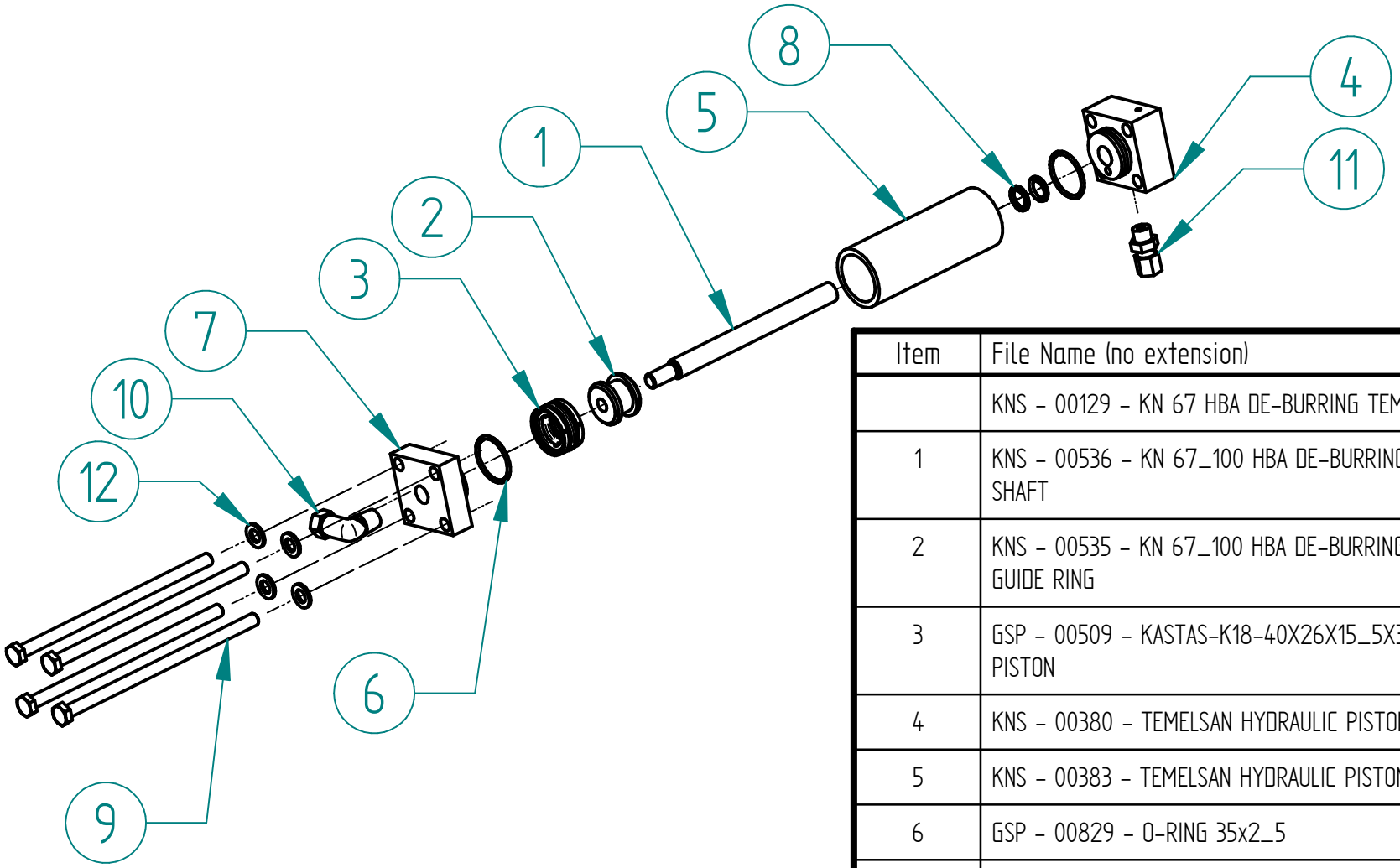
Item Number	File Name (no extension)	Quantity
1	KNS – 00375 – KN 67 HBA DE-BURRING LIM CASE	1
2	KNS – 00374 – KN 67_100_120 HBA DE-BURRING PROTECTION	1
3	GSP – 00069 – M12x80 IMBUS BOLT	2



Item	File Name (no extension)	Quantity
1	KNS – 00375 – KN 67_100_120 HBA DE-BURRING LIM CASE	1
2	KNS – 00376 – KN 67_100_120 HBA DE-BURRING LIM CASE COVER	1
3	KNS – 00379 – KN 67_100_120 HBA DE-BURRING UNIT MAIN LIM	1
4	GSP – 00024 – M6X25 IMBUS BOLT	6
5	GSP – 00574 – LUBRICATION NIPPLE 1_8-10	2
6	KNS – 00374 – KN 67_100_120 HBA DE-BURRING PROTECTION	1
7	GSP – 00244 – M6X10 LENTIL HEAD BOLT	4
8	KNS – 00377 – KN 67_100_120 HBA DE-BURRING UNIT HOUSING	1
9	KNS – 00378 – KN 67_100_120 HBA DE-BURRING UNIT HOUSING ASSEMBLY PART	2
10	KNS – 00035 – DE-BURRING UNIT INSERT HOLDER	2
11	KNS – 00034 – DE-BURRING UNIT INSERT	2
12	KNS – 00036 – DE-BURRING UNIT INSERT SCREW	2
13	GSP – 00022 – M6X16 IMBUS BOLT	4
14	GSP – 00275 – M8 WASHER	2
15	GSP – 00141 – M8X30 HEXAGON BOLT	2

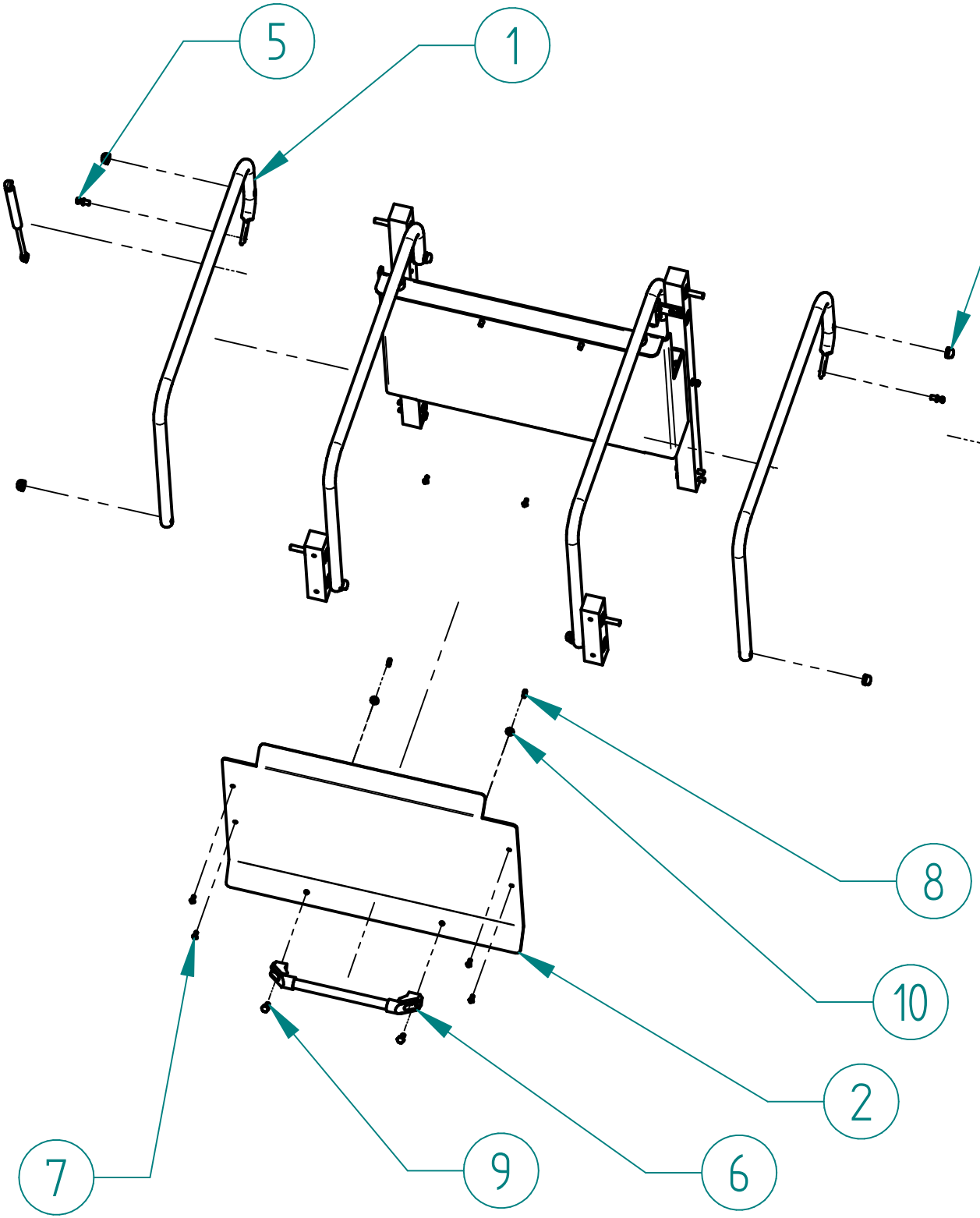


Item	File Name (no extension)	Quantity
	KN 67 HBA DE-BURRING SYSTEM	
1	KNS – 00128 – KN 67_100_120 HBA DE-BURRING MECHANICAL SYSTEM	1
2	KNS – 00374 – KN 67_100_120 HBA DE-BURRING PROTECTION	1
3	KNS – 00129 – KN 67 HBA DE-BURRING TEMELSAN HYDRAULIC PISTON	1
4	GSP – 00244 – M6X10 LENTIL HEAD BOLT	4
5	KNS – 00131 – KN 67 HBA DE-BURRING UNIT SENSOR MOUNTING BLOCK	1
6	GSP – 00015 – M5X20 IMBUS BOLT	1
7	GSP – 00430 – OMRON PROXIMITY SENSOR E2B-S08KS02-MC-B1	1

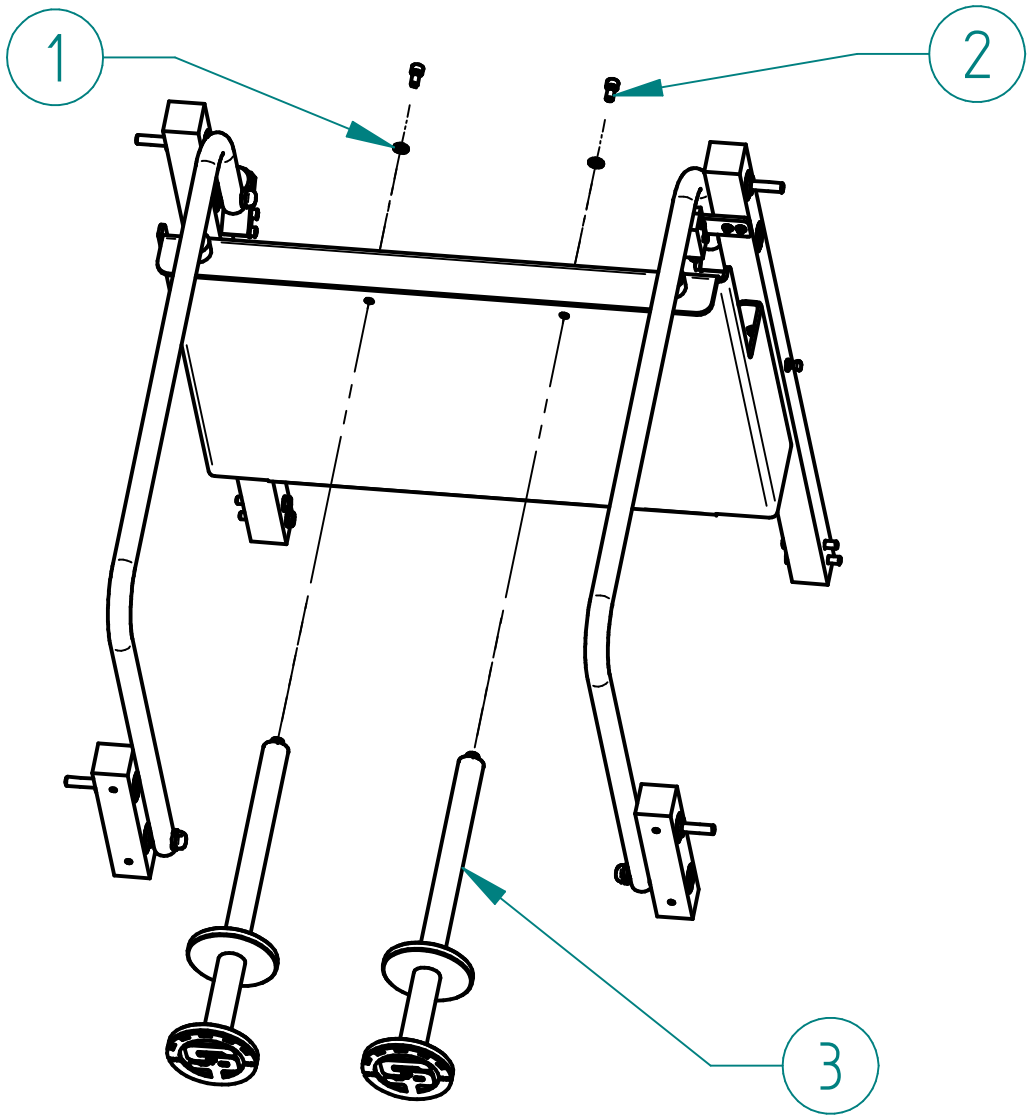


Item	File Name (no extension)	Quantity
	KNS – 00129 – KN 67 HBA DE-BURRING TEMELSAN HYDRAULIC PISTON	
1	KNS – 00536 – KN 67_100 HBA DE-BURRING HYDRAULIC PISTON SHAFT	1
2	KNS – 00535 – KN 67_100 HBA DE-BURRING HYDRAULIC PISTON SEAL GUIDE RING	1
3	GSP – 00509 – KASTAS-K18-40X26X15_5X36X2_6 – TEMELSAN PISTON	1
4	KNS – 00380 – TEMELSAN HYDRAULIC PISTON FRONT COVER	1
5	KNS – 00383 – TEMELSAN HYDRAULIC PISTON PIPE	1
6	GSP – 00829 – O-RING 35x2_5	2
7	KNS – 00381 – TEMELSAN HYDRAULIC PISTON BACK COVER	1
8	GSP – 00549 – O-RING 16X3	2
9	KNS – 00382 – TEMELSAN HYDRAULIC PISTON M10x200 HEXAGON BOLT	4
10	HSP – 00005 – L FITTING DRS 3_8-10	1
11	HSP – 00015 – FITTING DRS 3_8-10	1
12	GSP – 00276 – M10 WASHER	4

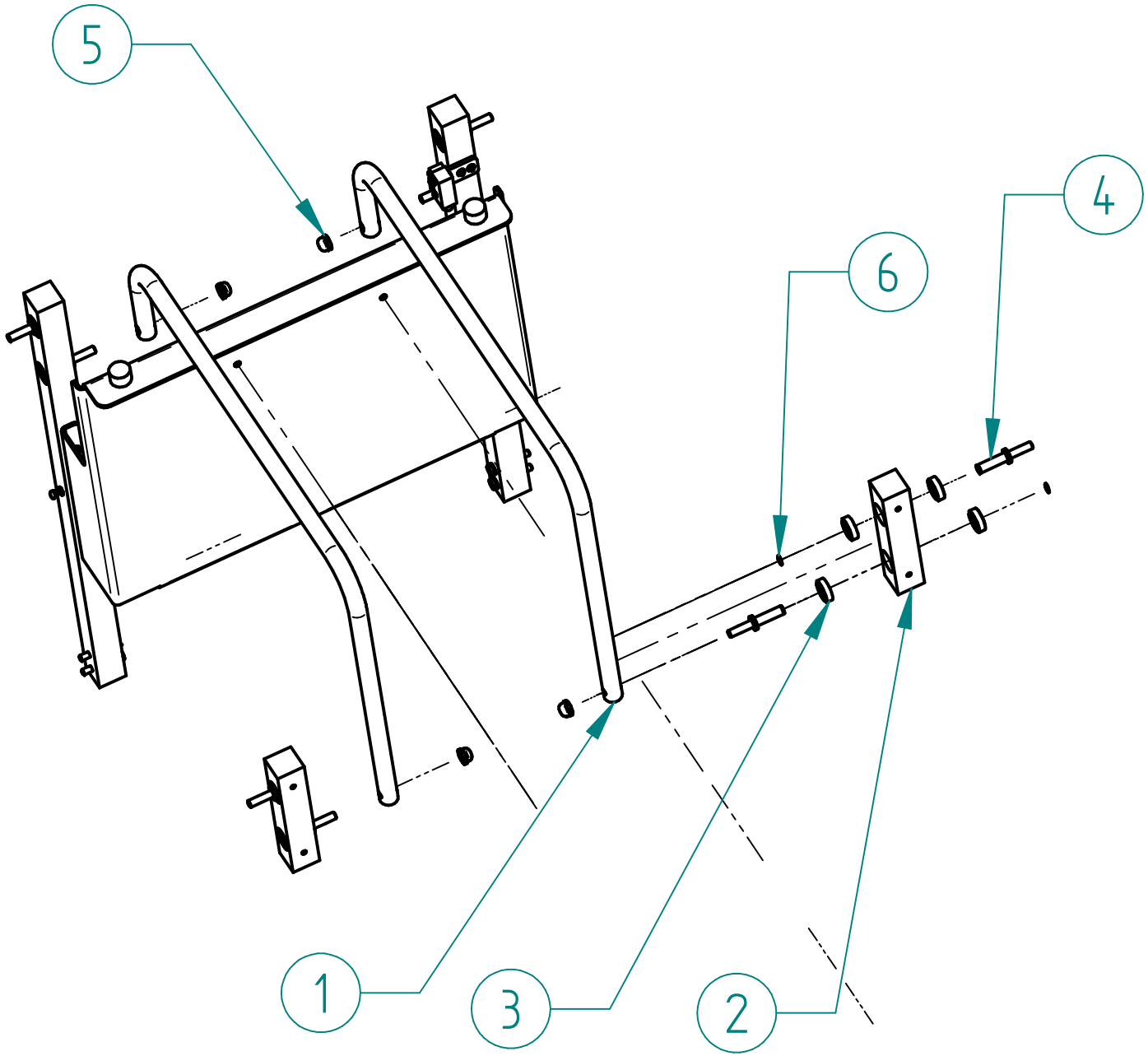
SPARK PROTECTION GROUP



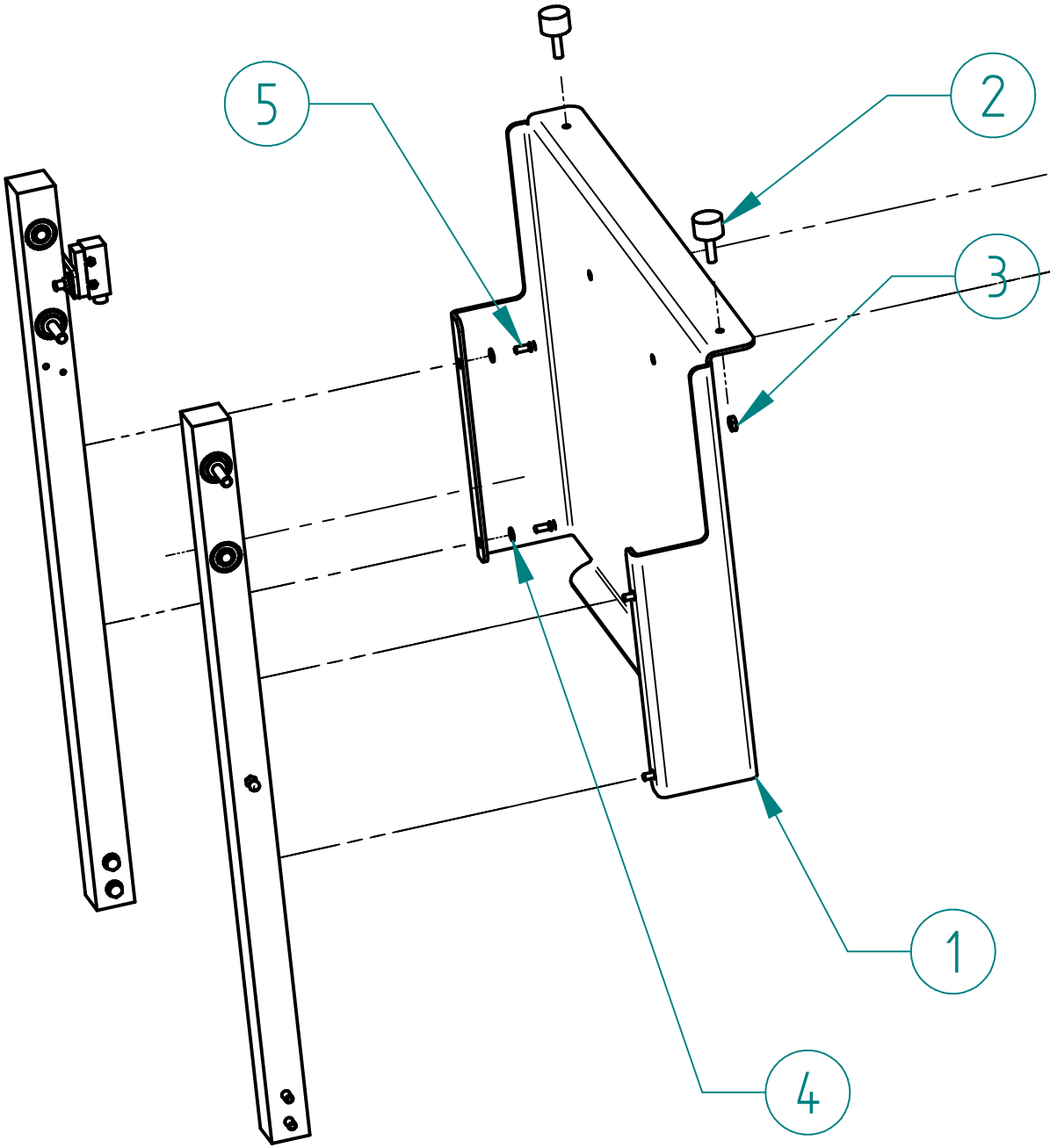
Item	File Name (no extension)	Quantity
1	KNS – 00262 – HBA_C SPARK COVER ARM INNER	2
2	KNS – 00369 – KN 67_100_120 HBA FRONT SIDE SPARK PROTECTION COVER	1
3	GSP – 00573 – VAS SHOCK ABSORBER 250N	2
4	GSP – 00436 – M10 ACORN NUT	4
5	GSP – 00572 – M8 SPHERE SHOCK ABSORBER ASSEMBLY PART	2
6	GSP – 00569 – KN 41_54 HBC – 67_100_120 HBA FRONT ALUMINIUM COVER HANDLE	1
7	GSP – 00245 – M6x12 LENTIL HEAD BOLT	4
8	GSP – 00258 – M8 NUT	2
9	GSP – 00154 – M8x20 HEXAGON BOLT	2
10	GSP – 00275 – M8 WASHER	2



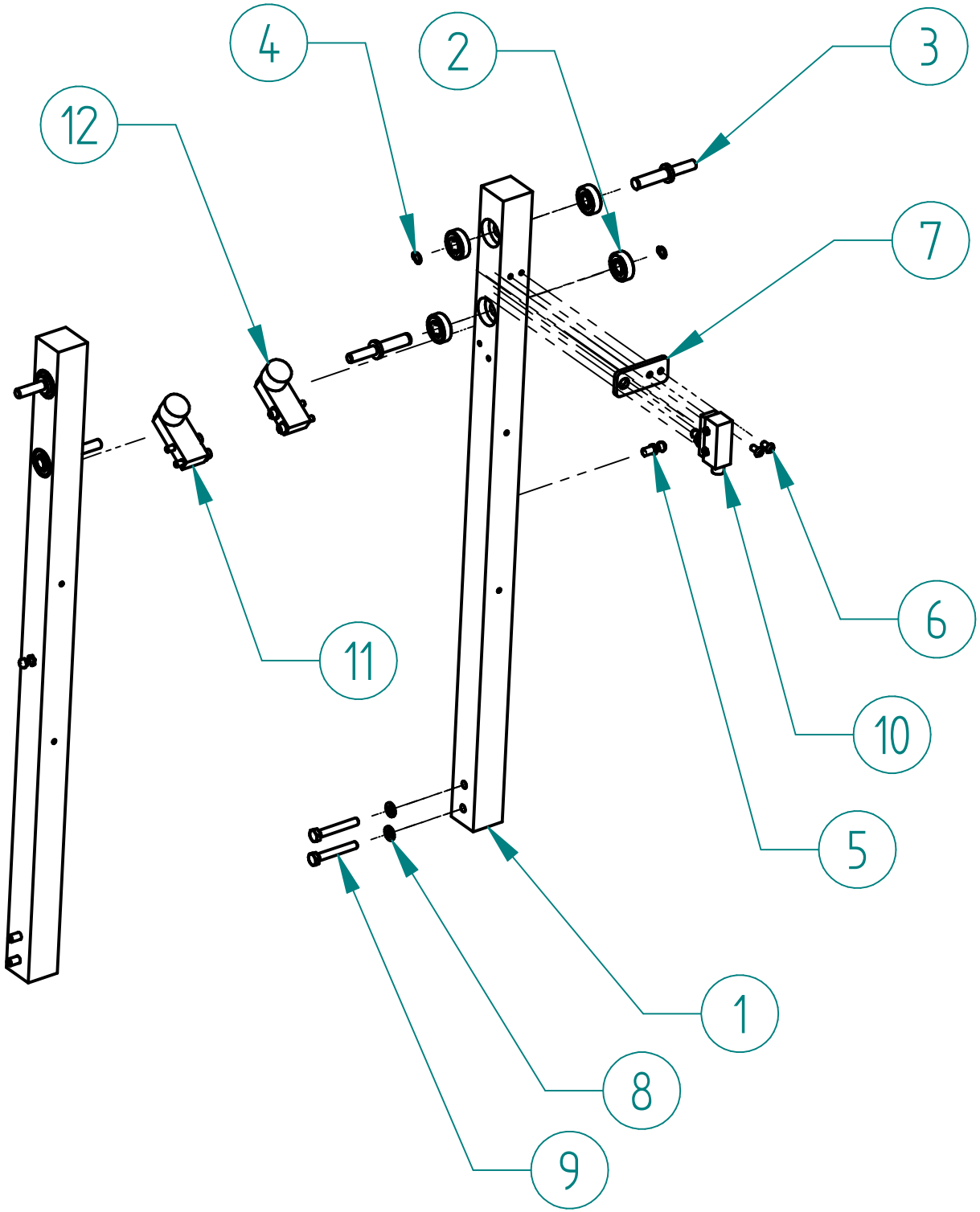
Item Number	File Name (no extension)	Quantity
1	GSP – 00275 – M8 WASHER	2
2	GSP – 00031 – M8X16 IMBUS BOLT	2
3	KNS – 00795 – KN 67_100 HBA BLADE ROLLER SHAFT 3 ASSEMBLY	2



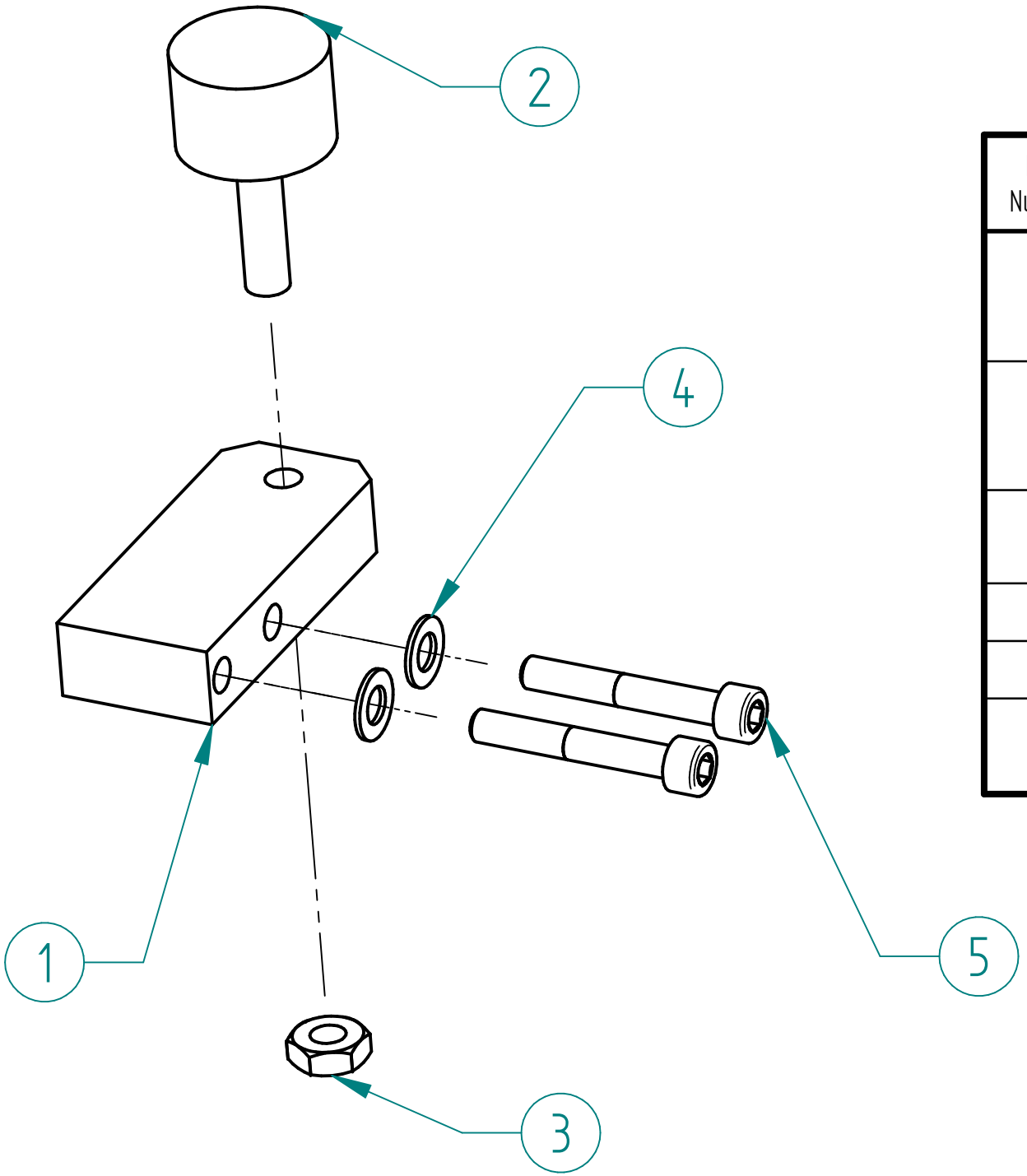
Item Number	File Name (no extension)	Quantity
1	KNS – 00261 – HBA_C SPARK COVER ARM OUTER	2
2	KNS – 00263 – HBA_C SPARK COVER ARM MOUNTING POLE	2
3	GSP – 00445 – 6201 – 2RS SFK – HBA_C SPARK SAFERY COVER BEARING	8
4	KNS – 00260 – HBA_C SPARK COVER SHAFT	4
5	GSP – 00436 – M10 ACORN NUT	4
6	GSP – 00395 – SNAP RING 10X1	4



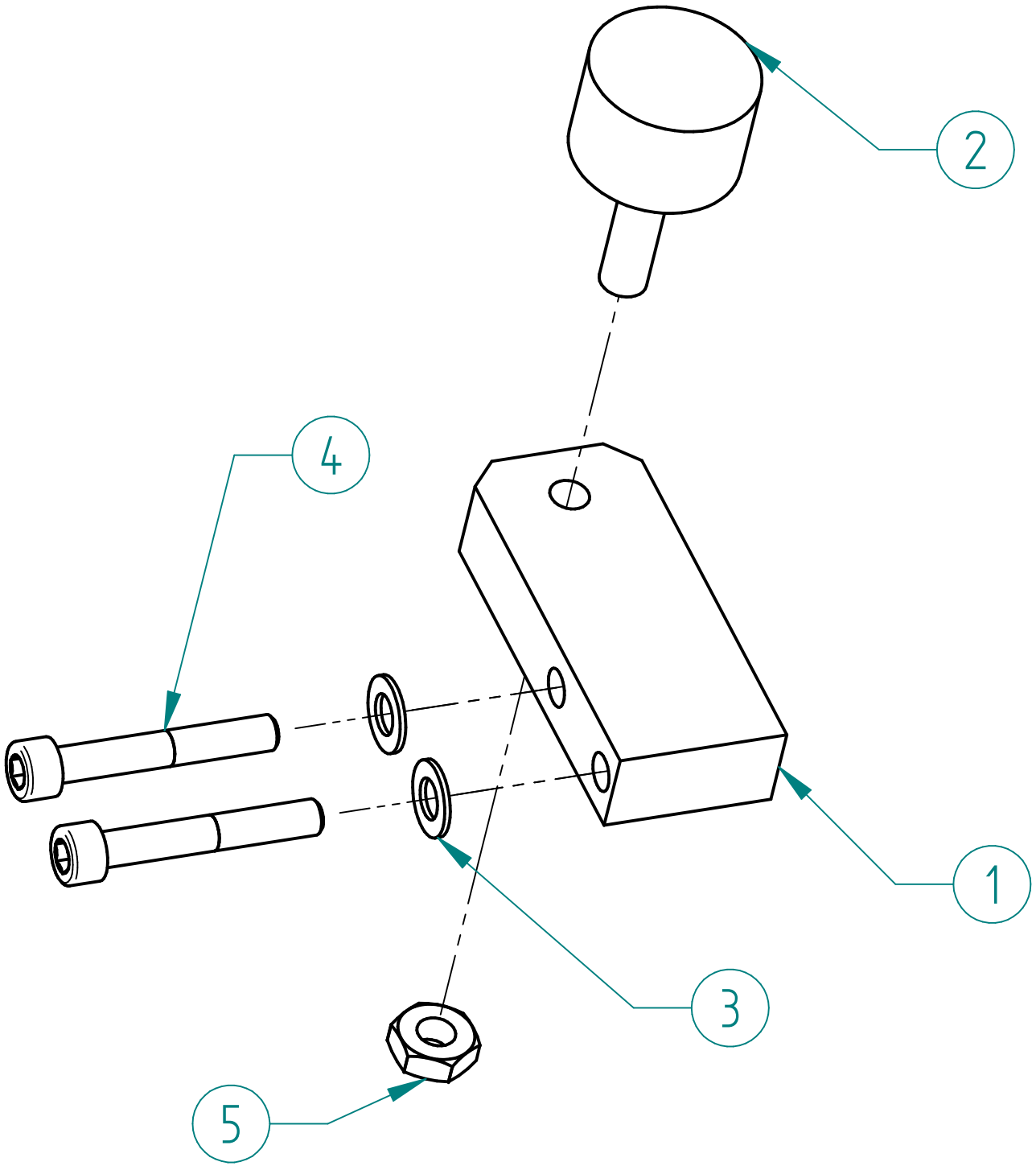
Item Number	File Name (no extension)	Quantity
1	KNS – 00371 – KN 67_100_120 HBA BACK SIDE SPARK PROTECTION COVER	1
2	GSP – 00378 – M8 RUBBER STOPPER	4
3	GSP – 00258 – M8 NUT	4
4	GSP – 00274 – M6 WASHER	7
5	GSP – 00138 – M6x16 HEXAGON BOLT	4



Item Number	File Name (no extension)	Quantity
1	KNS – 00373 – KN 67_100_120 HBA COVER MOUNTING POLES	1
2	GSP – 00445 – 6201 – 2RS SFK – HBA_C SPARK SAFERY COVER BEARING	8
3	KNS – 00260 – HBA_C SPARK COVER SHAFT	4
4	GSP – 00395 – SNAP RING 10X1	4
5	GSP – 00572 – M8 SPHERE SHOCK ABSORBER ASSEMBLY PART	2
6	GSP – 00245 – M6x12 LENTIL HEAD BOLT	2
7	KNS – 00372 – KN 67_100_120 HBA BACK COVER SWITCH ASSEMBLY LIM	1
8	GSP – 00275 – M8 WASHER	4
9	GSP – 00146 – M8x55 HEXAGON BOLT	4
10	GSP – 00429 – MJ2-1307 – SPRING SWITCH	1
11	KNS – 00785 – HBA_C SPARK COVER STOPPER GROUP L	1
12	KNS – 00785 – HBA_C SPARK COVER STOPPER GROUP R	1

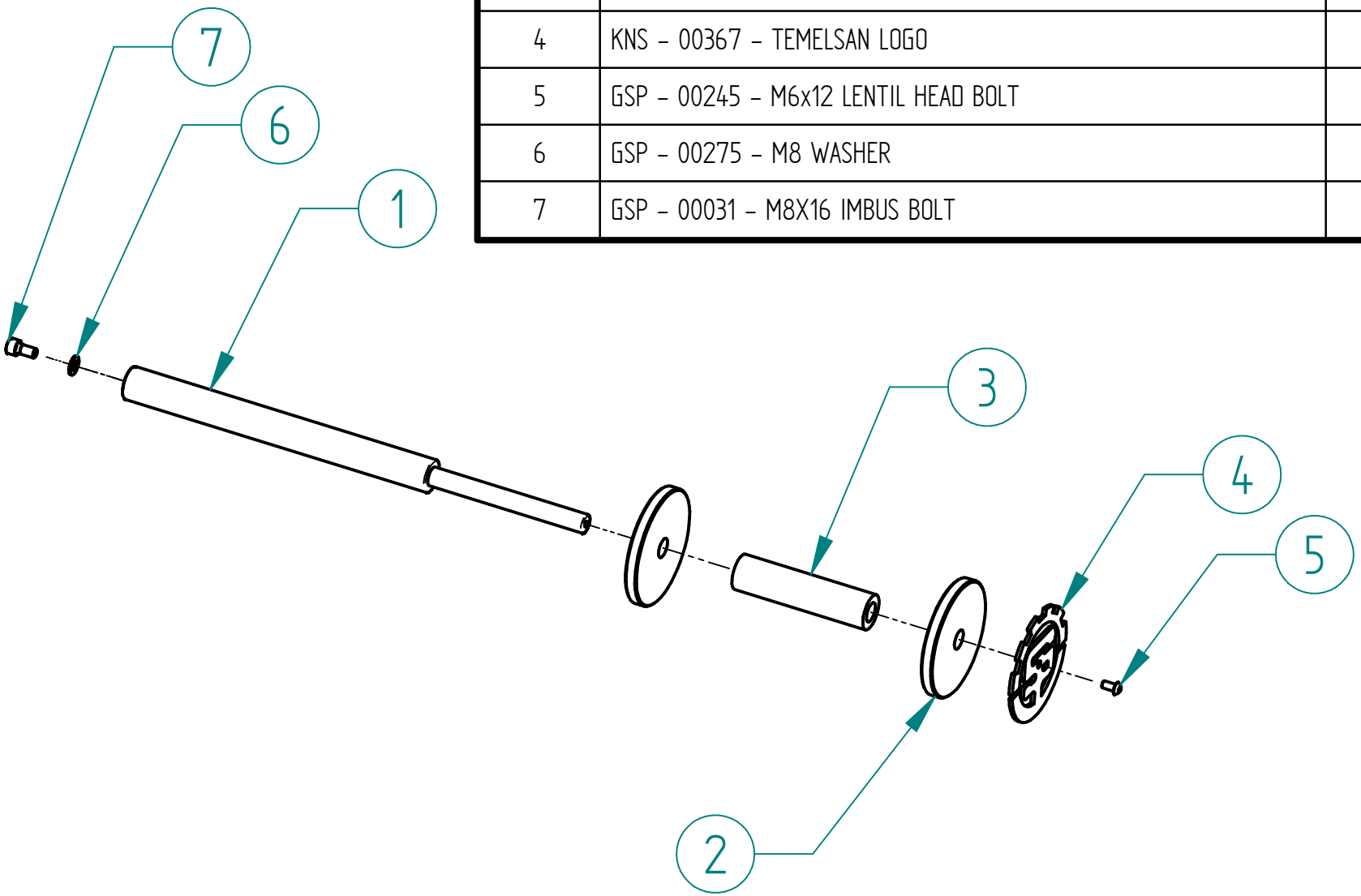


Item Number	File Name (no extension)	Quantity
	KNS – 00785 – HBA_C SPARK COVER STOPPER GROUP L	
1	KNS – 00259 – HBA_C SPARK COVER STOPPER MOUNTING BLOCK	1
2	GSP – 00378 – M8 RUBBER STOPPER	1
3	GSP – 00258 – M8 NUT	1
4	GSP – 00274 – M6 WASHER	2
5	GSP – 00027 – M6X40 IMBUS BOLT	2

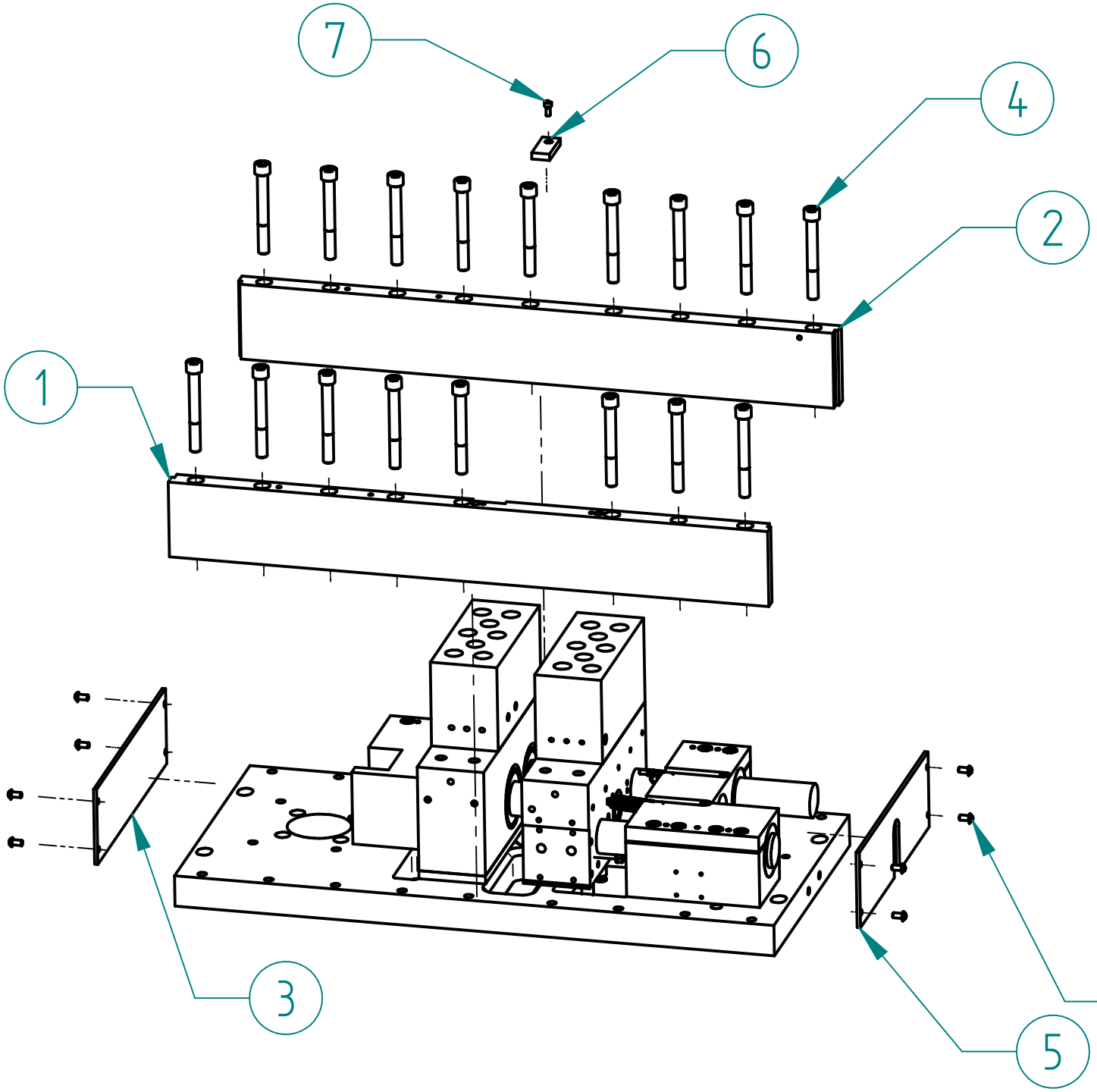


Item Number	File Name (no extension)	Quantity
	KNS – 00785 – HBA_C SPARK COVER STOPPER GROUP R	
1	KNS – 00259 – HBA_C SPARK COVER STOPPER MOUNTING BLOCK	1
2	GSP – 00378 – M8 RUBBER STOPPER	1
3	GSP – 00274 – M6 WASHER	2
4	GSP – 00027 – M6X40 IMBUS BOLT	2
5	GSP – 00258 – M8 NUT	1

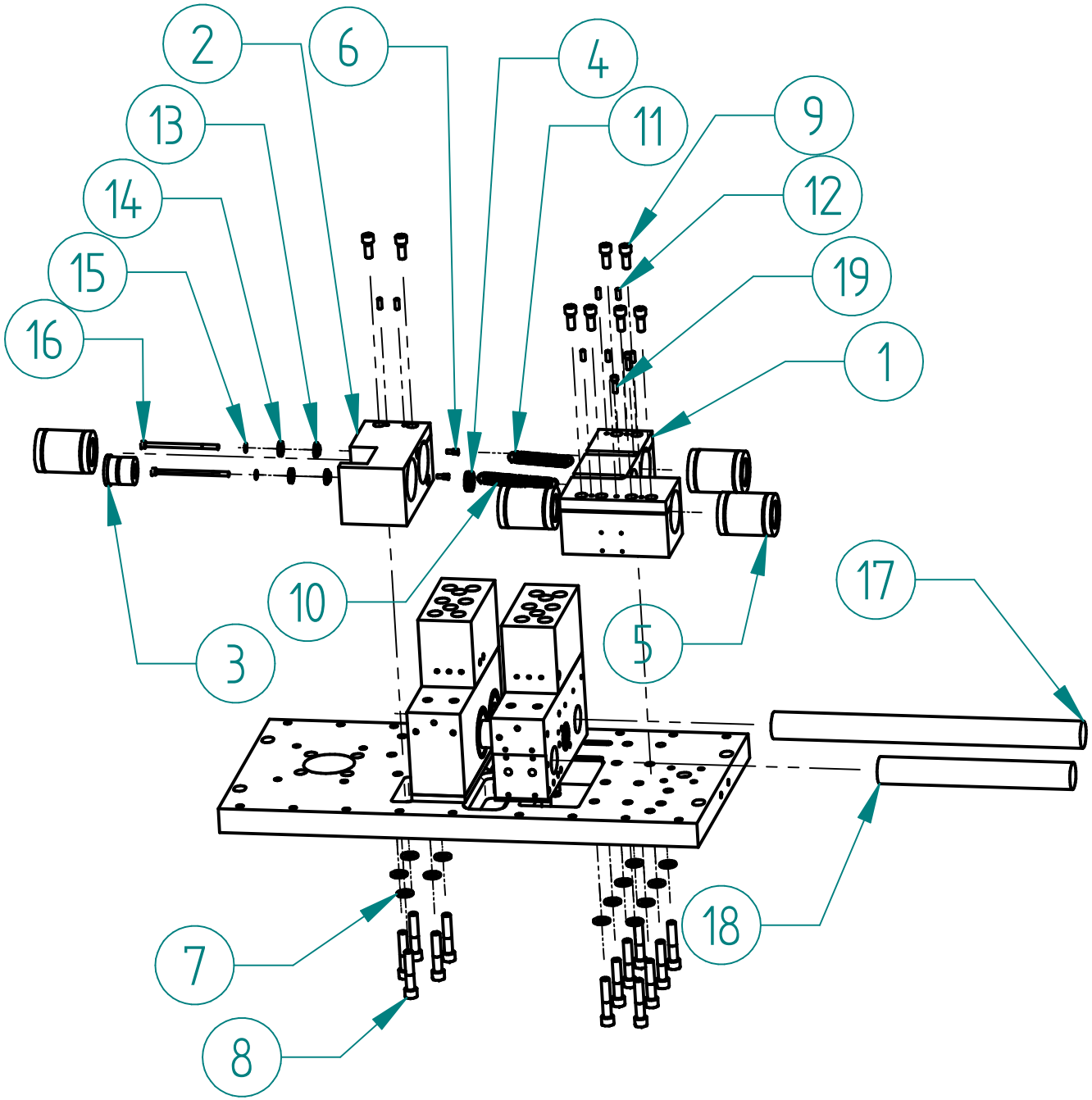
Item Number	File Name (no extension)	Quantity
	KNS – 00795 – KN 67_100 HBA BLADE ROLLER SHAFT 3 ASSEMBLY	
1	KNS – 00370 – BLADE ROLLER SHAFT 3	1
2	KNS – 00366 – CHESTAMITE FLANGE – BLADE ROLLER 2	2
3	KNS – 00365 – BLADE ROLLER 2	1
4	KNS – 00367 – TEMELSAN LOGO	1
5	GSP – 00245 – M6x12 LENTIL HEAD BOLT	1
6	GSP – 00275 – M8 WASHER	1
7	GSP – 00031 – M8X16 IMBUS BOLT	1



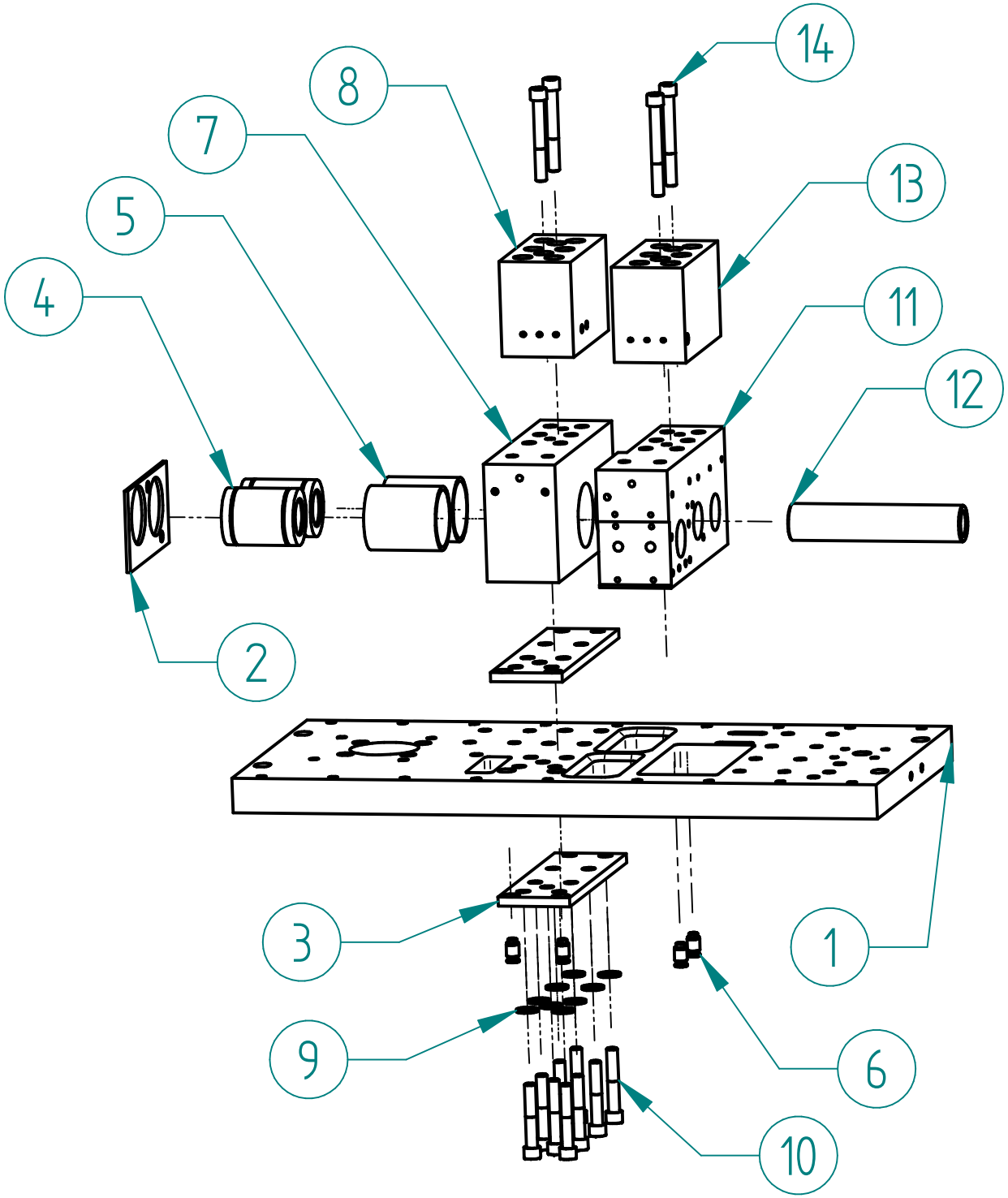
MAIN PLATE GROUP



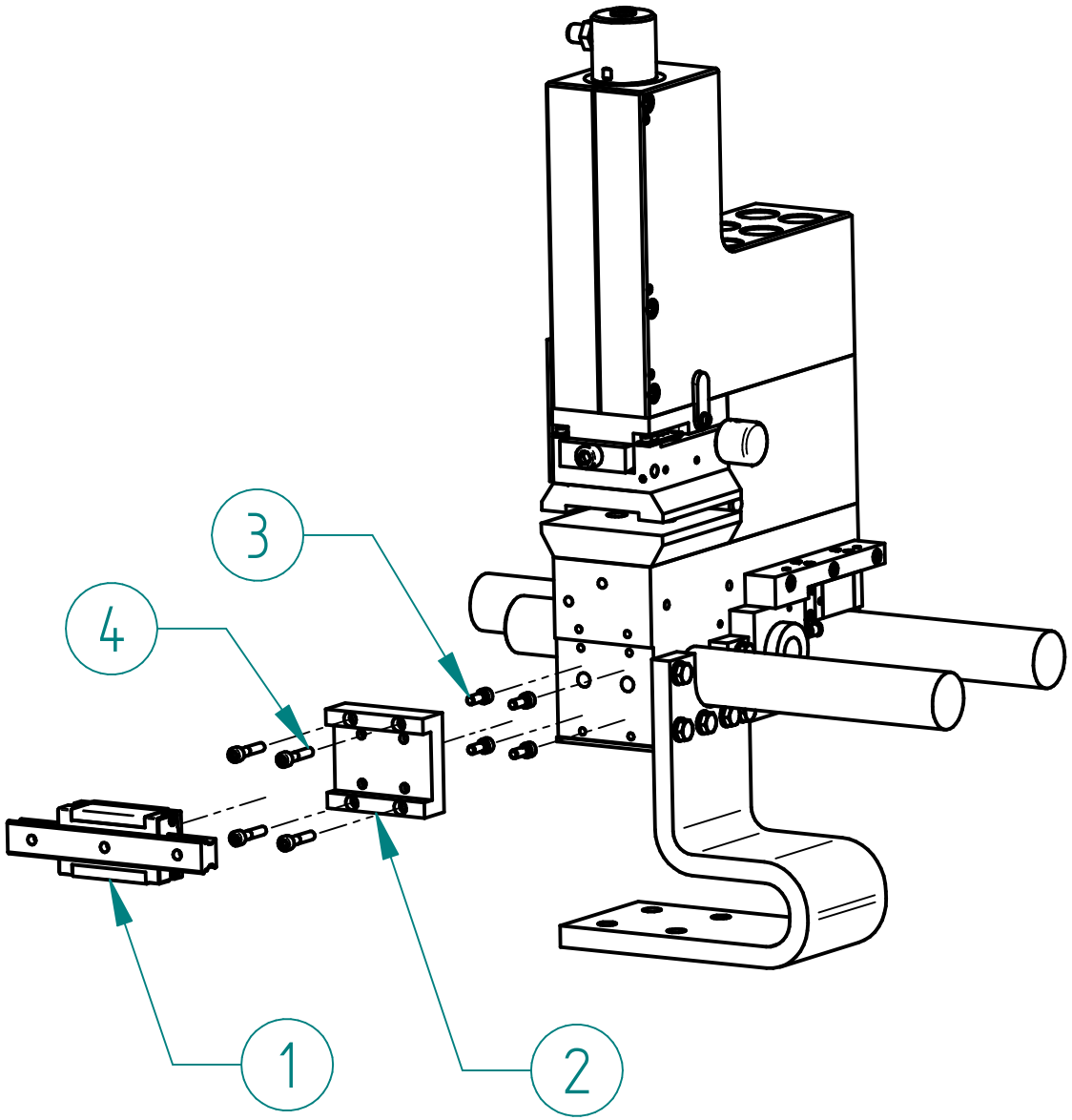
Item	File Name (no extension)	Quantity
	KN 67 HBA MAIN PLATE ASSEMBLY	
1	KNS – 00489 – KN 67_100_120 HBA MAIN PLATE FRONT SIDE COVER	1
2	KNS – 00488 – KN 67_100_120 HBA MAIN PLATE BACK SIDE COVER	1
3	KNS – 00491 – KN 67_100_120 HBA MAIN PLATE LEFT SIDE COVER	1
4	GSP – 00071 – M12x100 IMBUS BOLT	17
5	KNS – 00490 – KN 67_100_120 HBA MAIN PLATE RIGHT SIDE COVER	1
6	KNS – 00499 – KN 67_100_120 HBA BACK SIDE CHESTAMITE	1
7	GSP – 00013 – M5X12 IMBUS BOLT	1
8	GSP – 00245 – M6x12 LENTIL HEAD BOLT	8



Item	File Name (no extension)	Quantity
	KN 100 HBA MAIN PLATE ASSEMBLY	
1	KNS – 00496 – KN 67_100_120 HBA BEARING HOUSING RIGHT	1
2	KNS – 00497 – KN 67_100_120 HBA BEARING HOUSING LEFT	1
3	KNS – 00498 – KN 67_100_120 HBA BEARING HOUSING LEFT BUSHING	1
4	GSP – 00444 – 81102 – TN SKF – JAW GAP AXIAL BEARING	1
5	GSP – 00448 – KB 40-PP SKF BEARING – KN 67_100_120 HBA PLATE BEARING	5
6	GSP – 00591 – TENSION SPRING ASSEMBLY SCREW SHAFT	2
7	GSP – 00277 – M12 WASHER	13
8	GSP – 00067 – M12x60 IMBUS BOLT	13
9	GSP – 00044 – M10x25 IMBUS BOLT	8
10	GSP – 00589 – KN 67_100_120 HBA TENSION SPRING LONG	1
11	GSP – 00588 – KN 67_100_120 HBA TENSION SPRING SHORT	1
12	GSP – 00300 – M6x16 SETSCREW	7
13	KNS – 00500 – WASHER Q8_5-14-21 – KN 67 HBA BEARING HOUSING LEFT ASSEMBLY WASHER	2
14	KNS – 00501 – WASHER Q6_5-21 – KN 67 HBA BEARING HOUSING LEFT ASSEMBLY WASHER	2
15	GSP – 00274 – M6 WASHER	2
16	KNS – 00493 – M6x110 IMBUS BOLT	2
17	KNS – 00428 – KN 67_100_120 HBA RIGHT SIDE GROUP BACK SHAFT Q40	1
18	KNS – 00429 – KN 67_100_120 HBA RIGHT SIDE GROUP FRONT SHAFT Q40	1
19	GSP – 00023 – M6x20 IMBUS BOLT	2



Item	File Name (no extension)	Quantity
	KN 100 HBA MAIN PLATE ASSEMBLY	
1	KNS – 00486 – KN 67_100_120 HBA MAIN PLATE	1
2	KNS – 00495 – KN 67_100_120 HBA LEFT SIDE GROUP MAIN LOWER BLOCK LEFT SIDE FIBER	1
3	KNS – 00447 – KN 67_100_120 HBA LEFT SIDE GROUP MAIN LOWER BLOCK BOTTOM SIDE FIBER	2
4	GSP – 00448 – KB 40-PP SKF BEARING – KN 67_100_120 HBA PLATE BEARING	2
5	KNS – 00487 – KN 67_100_120 HBA BEARING INSULATION	2
6	FSP – 00053 – PUSH-IN FITTINGS QS-G1_8-8-I	4
7	KNS – 00533 – KN 100 HBA LEFT SIDE GROUP MAIN LOWER BLOCK	1
8	KNS – 00532 – KN 100 HBA LEFT SIDE GROUP MAIN UPPER BLOCK	1
9	GSP – 00277 – M12 WASHER	9
10	GSP – 00068 – M12x70 IMBUS BOLT	9
11	KNS – 00527 – KN 100 HBA RIGHT SIDE GROUP MAIN LOWER BLOCK	1
12	KNS – 00427 – KN 67_100_120 HBA RIGHT SIDE GROUP MID BEARING SHAFT	1
13	KNS – 00528 – KN 100 HBA RIGHT SIDE GROUP MAIN UPPER BLOCK	1
14	GSP – 00071 – M12x100 IMBUS BOLT	4



Item Number	File Name (no extension)	Quantity
1	GSP - 00452 - KWVE25-B-S-V1-63 SKF BEARING - KN 67_100_120 LINEAR BEARING	1
2	KNS - 00418 - KN 67_100_120 HBA LINEAR BEARING ASSEMBLY BLOCK	1
3	GSP - 00022 - M6X16 IMBUS BOLT	4
4	GSP - 00025 - M6x30 IMBUS BOLT	4